

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084211.D
 Acq On : 31 Dec 2015 22:49
 Operator : UM/SJ
 Sample : PB87590BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Quant Time: Jan 01 23:37:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	287430	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1217353	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	545184	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	999951	20.00	ng	0.00
75) Chrysene-d12	14.07	240	734274	20.00	ng	0.00
86) Perylene-d12	15.51	264	535158	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1757620	98.91	ng	0.01
7) Phenol-d6	6.53	99	2428853	108.83	ng	0.00
23) Nitrobenzene-d5	7.47	82	1643674	75.15	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	631114	114.66	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2347675	75.01	ng	0.00
78) Terphenyl-d14	13.01	244	2212431	67.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	261832	31.10	ng	# 74
3) Pyridine	3.34	79	663352	28.26	ng	# 72
4) n-Nitrosodimethylamine	3.29	42	406615	33.75	ng	# 77
6) Aniline	6.56	93	724529	22.19	ng	# 81
8) 2-Chlorophenol	6.68	128	694822	34.46	ng	83
9) Benzaldehyde	6.44	77	255839	17.61	ng	94
10) Phenol	6.54	94	1058182	41.70	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	673889	34.28	ng	# 82
12) 1,3-Dichlorobenzene	6.92	146	763549	36.71	ng	99
13) 1,4-Dichlorobenzene	6.84	146	747257	35.83	ng	97
14) 1,2-Dichlorobenzene	7.07	146	666517	33.37	ng	97
15) Benzyl Alcohol	7.05	79	687918	36.64	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1233430	34.46	ng	84
17) 2-Methylphenol	7.15	107	581323	34.40	ng	94
18) Hexachloroethane	7.41	117	290648	34.85	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	555636	36.78	ng	# 77
20) 3+4-Methylphenols	7.31	107	763270	38.43	ng	# 81
22) Acetophenone	7.31	105	955688	32.65	ng	# 84
24) Nitrobenzene	7.48	77	725661	32.71	ng	94
25) Isophorone	7.72	82	1410167	33.71	ng	97
26) 2-Nitrophenol	7.80	139	374350	37.08	ng	# 85
27) 2,4-Dimethylphenol	7.84	122	691945	33.86	ng	96
28) bis(2-Chloroethoxy)methane	7.94	93	891719	34.90	ng	99
29) 2,4-Dichlorophenol	8.04	162	596197	35.02	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	639110	36.36	ng	# 94
31) Naphthalene	8.21	128	2101174	38.04	ng	99
32) Benzoic acid	7.95	122	424031	34.30	ng	90
33) 4-Chloroaniline	8.26	127	385901	15.24	ng	# 93
34) Hexachlorobutadiene	8.33	225	347072	34.35	ng	99
35) Caprolactam	8.62	113	164784	28.71	ng	# 55
36) 4-Chloro-3-methylphenol	8.74	107	708519	37.16	ng	95
37) 2-Methylnaphthalene	8.90	142	1305041	32.92	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	591431	37.74	ng	99
40) Hexachlorocyclopentadiene	9.06	237	702000	74.20	ng	98

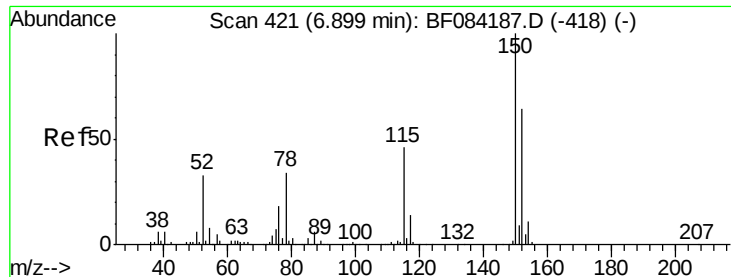
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	414880	35.38	ng	96
43) 2,4,5-Trichlorophenol	9.22	196	437165	38.89	ng	# 91
45) 1,1'-Biphenyl	9.37	154	1686054	38.91	ng	100
46) 2-Chloronaphthalene	9.39	162	1244507	36.57	ng	94
47) 2-Nitroaniline	9.48	65	419403	37.34	ng	98
48) Acenaphthylene	9.80	152	1877709	37.34	ng	97
49) Dimethylphthalate	9.66	163	1410592	36.19	ng	# 89
50) 2,6-Dinitrotoluene	9.73	165	325262	38.05	ng	# 87
51) Acenaphthene	9.97	154	1365925	40.50	ng	98
52) 3-Nitroaniline	9.89	138	234808	22.17	ng	87
53) 2,4-Dinitrophenol	10.00	184	273661	75.37	ng	# 77
54) Dibenzofuran	10.16	168	1714764	38.85	ng	97
55) 4-Nitrophenol	10.05	139	570190	74.16	ng	# 81
56) 2,4-Dinitrotoluene	10.13	165	466520	43.12	ng	# 74
57) Fluorene	10.49	166	1232937	36.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	355251	37.02	ng	91
59) Diethylphthalate	10.37	149	1551751	40.38	ng	97
60) 4-Chlorophenyl-phenylether	10.49	204	647218	45.50	ng	99
61) 4-Nitroaniline	10.51	138	368998	39.08	ng	86
62) Azobenzene	10.65	77	1686339	40.01	ng	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	226994	37.19	ng	80
65) n-Nitrosodiphenylamine	10.60	169	1121242	35.07	ng	99
66) 4-Bromophenyl-phenylether	10.98	248	413874	38.45	ng	98
67) Hexachlorobenzene	11.04	284	413647	34.15	ng	# 82
68) Atrazine	11.13	200	378131	36.14	ng	97
69) Pentachlorophenol	11.23	266	473505	75.39	ng	99
70) Phenanthrene	11.45	178	1971677	37.70	ng	97
71) Anthracene	11.50	178	2068072	40.33	ng	97
72) Carbazole	11.65	167	1640726	32.73	ng	98
73) Di-n-butylphthalate	12.00	149	2291621	42.37	ng	# 96
74) Fluoranthene	12.64	202	1909383	34.94	ng	98
76) Benzidine	12.76	184	506340	19.23	ng	98
77) Pyrene	12.86	202	1969477	34.18	ng	97
79) Butylbenzylphthalate	13.49	149	979006	39.26	ng	# 92
80) Benzo(a)anthracene	14.05	228	1453993	33.72	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	348708	23.17	ng	# 99
82) Chrysene	14.09	228	1374349	33.17	ng	97
83) Bis(2-ethylhexyl)phthalate	14.05	149	1129742	35.86	ng	98
84) Di-n-octyl phthalate	14.66	149	1800658	33.86	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1251803	38.12	ng	99
87) Benzo(h)fluoranthene	15.12	252	2408553	68.80	ng	97
88) Benzo(k)fluoranthene	15.12	252	2408553	84.13	ng	# 97
89) Benzo(a)pyrene	15.44	252	1148260	38.67	ng	# 95
90) Dibenzo(a,h)anthracene	16.95	278	1036071	40.55	ng	# 95
91) Benzo(g,h,i)perylene	17.35	276	1056193	39.92	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

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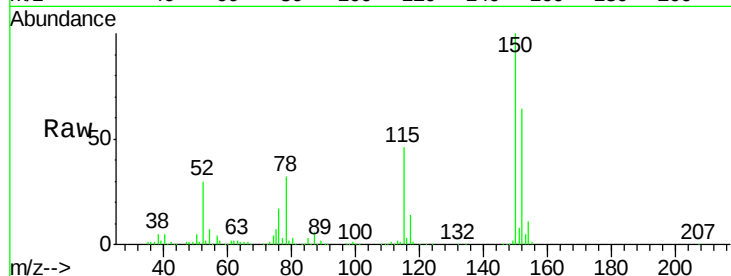
Tgt Ion:152 Resp: 287430

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

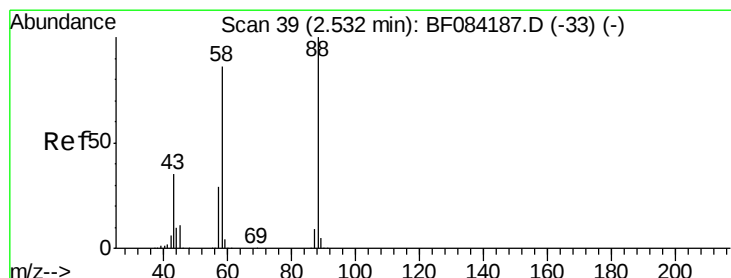
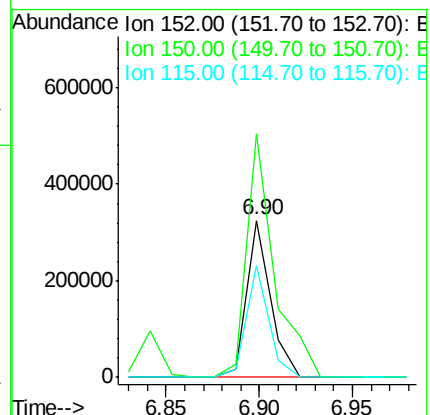
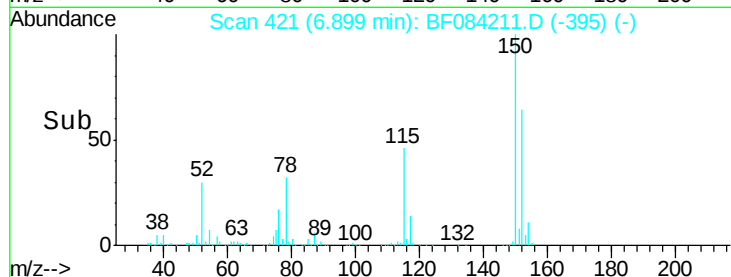
115 71.4 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.10 ng

RT: 2.61 min Scan# 46

Delta R.T. 0.08 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

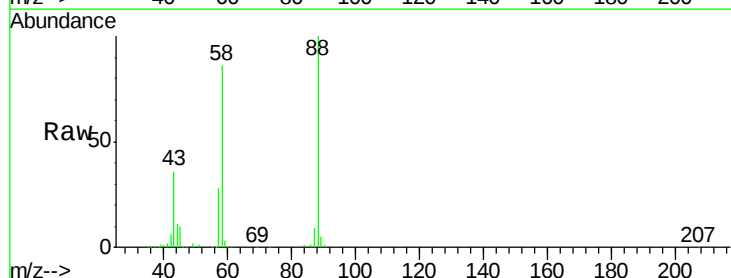
Tgt Ion: 88 Resp: 261832

Ion Ratio Lower Upper

88 100

58 85.6 51.2 76.8#

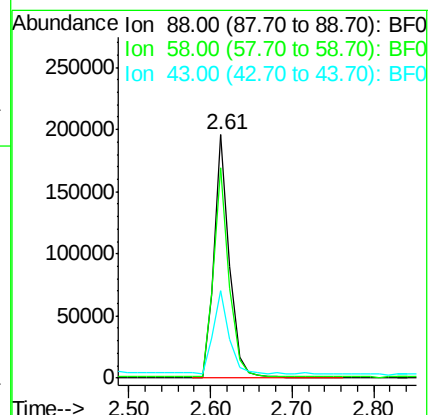
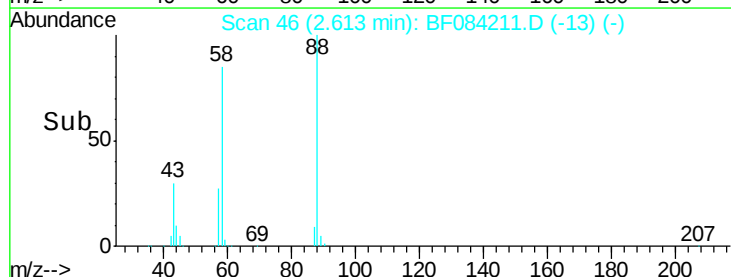
43 35.1 19.5 29.3#

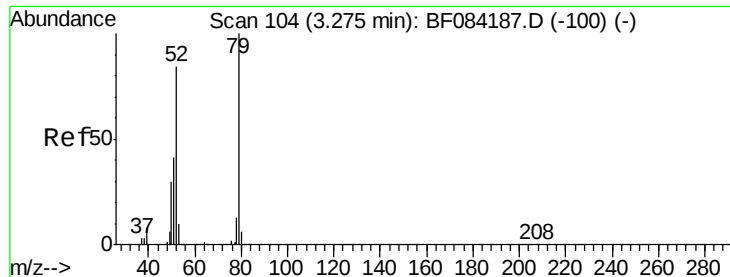


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.26 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

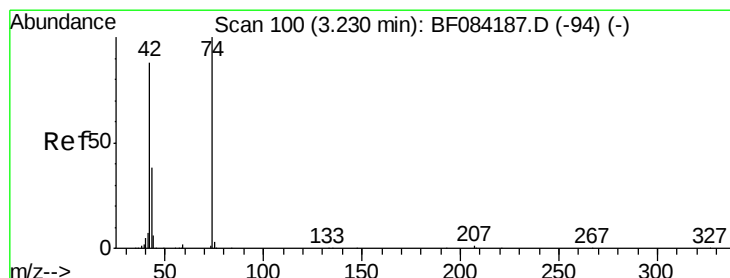
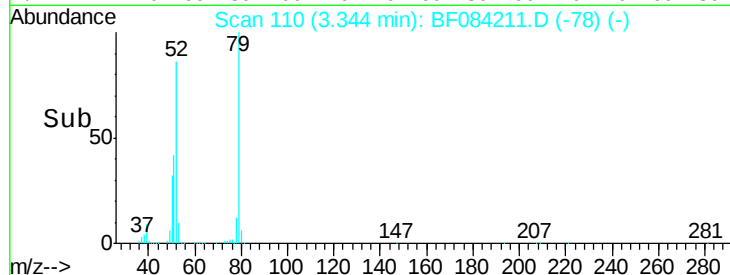
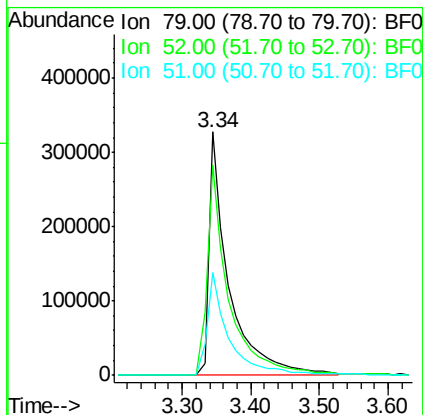
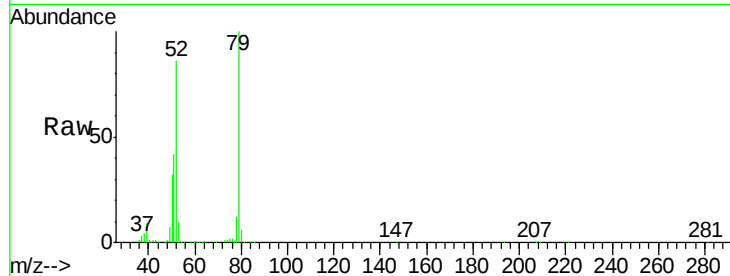
Tgt Ion: 79 Resp: 663352

Ion Ratio Lower Upper

79 100

52 86.3 49.0 73.4#

51 42.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 33.75 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.06 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

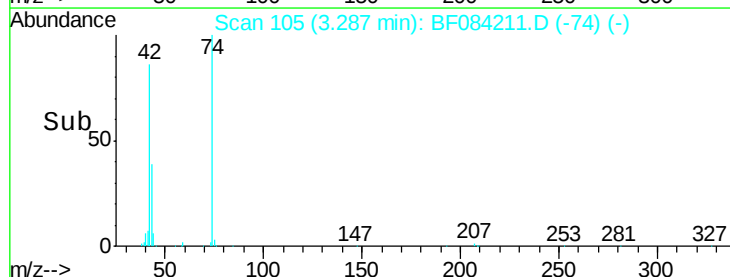
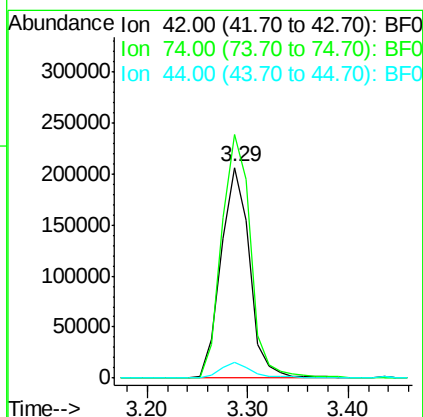
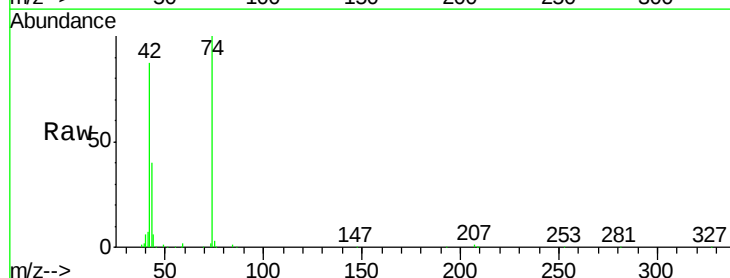
Tgt Ion: 42 Resp: 406615

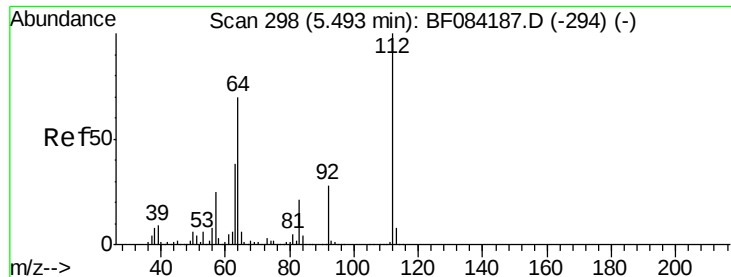
Ion Ratio Lower Upper

42 100

74 115.5 115.7 173.5#

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 98.91 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

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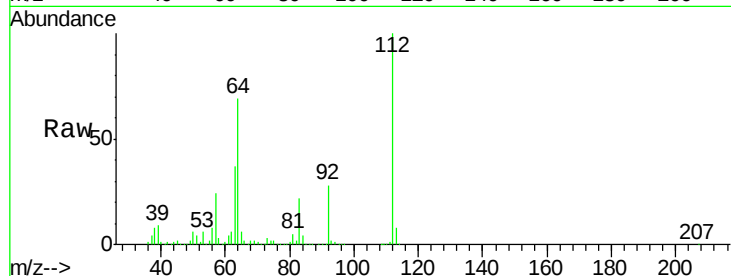
Tgt Ion:112 Resp: 1757620

Ion Ratio Lower Upper

112 100

64 69.2 36.6 55.0#

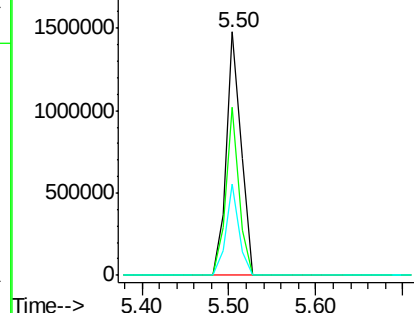
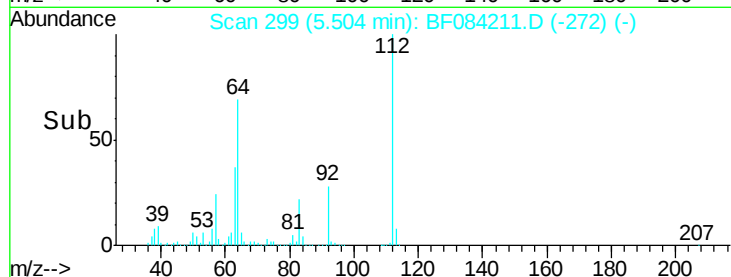
63 37.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.19 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

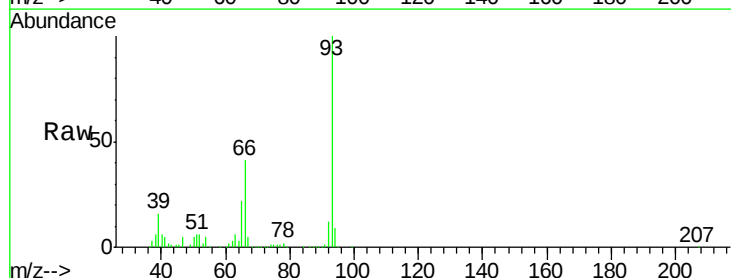
Tgt Ion: 93 Resp: 724529

Ion Ratio Lower Upper

93 100

66 41.1 44.9 67.3#

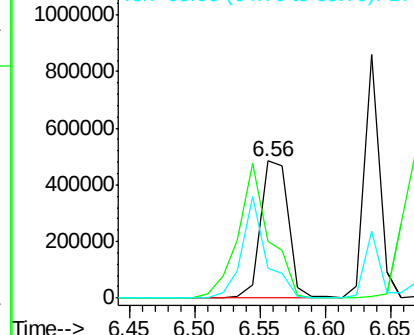
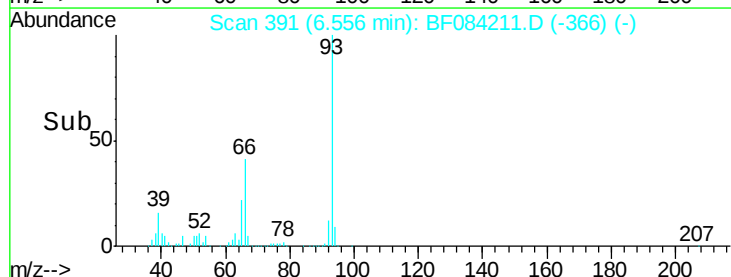
65 21.5 23.7 35.5#

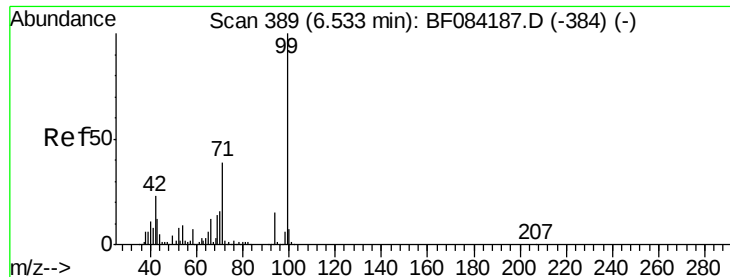


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.83 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084211.D

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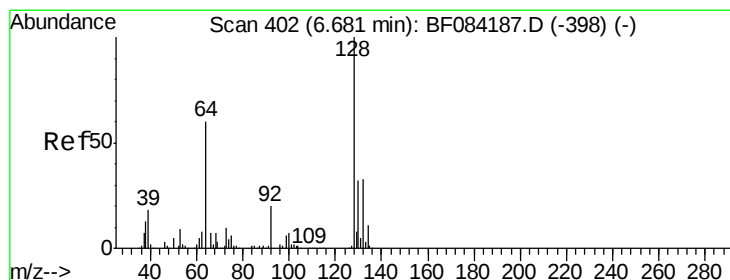
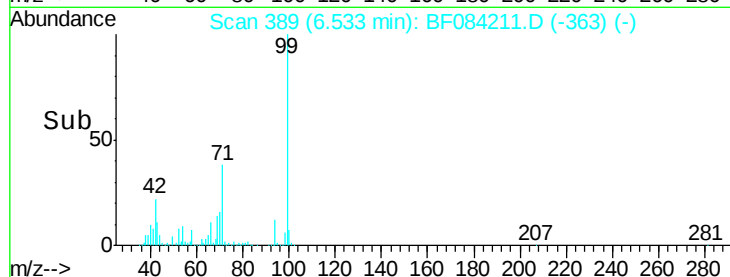
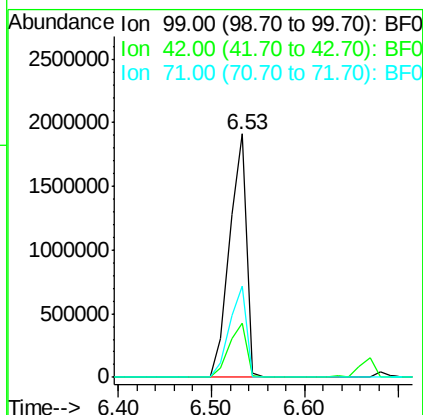
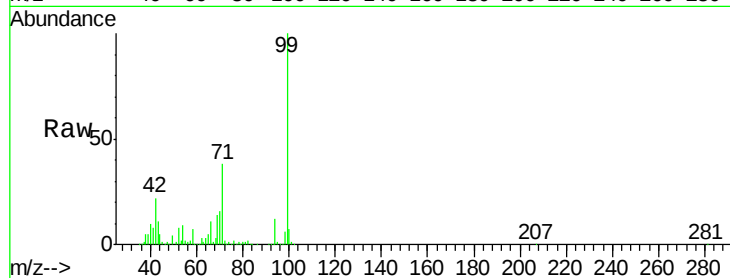
Tgt Ion: 99 Resp: 2428853

Ion Ratio Lower Upper

99 100

42 22.1 12.8 19.2#

71 37.5 30.9 46.3



#8

2-Chlorophenol

Concen: 34.46 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

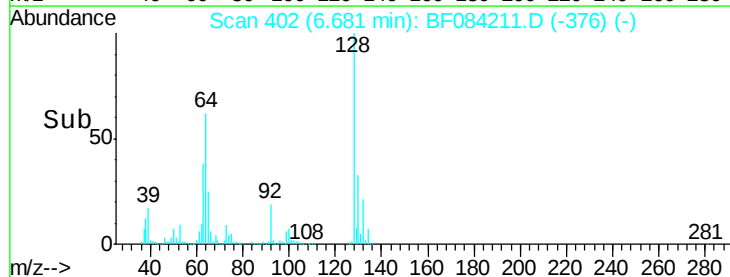
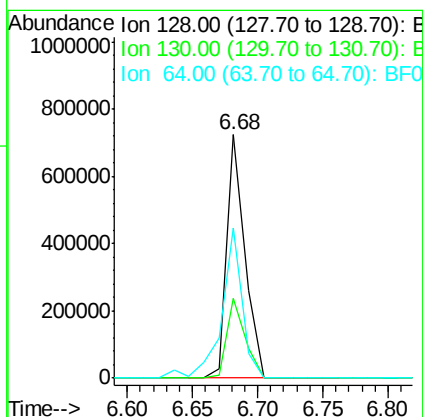
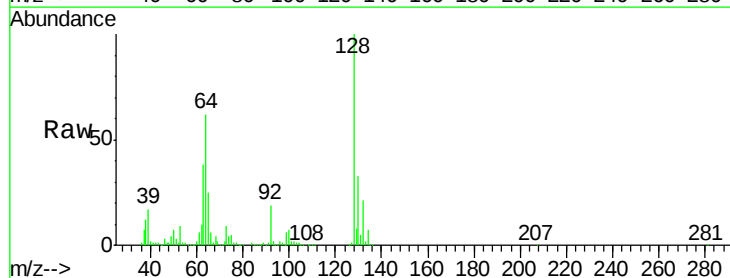
Tgt Ion: 128 Resp: 694822

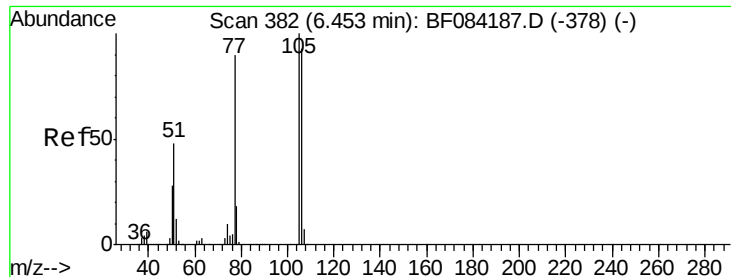
Ion Ratio Lower Upper

128 100

130 32.8 11.6 51.6

64 61.8 23.8 63.8





#9

Benzaldehyde

Concen: 17.61 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

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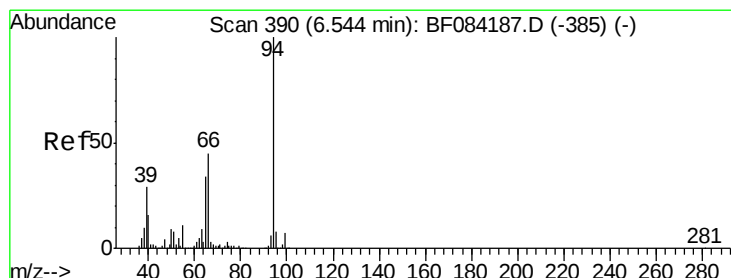
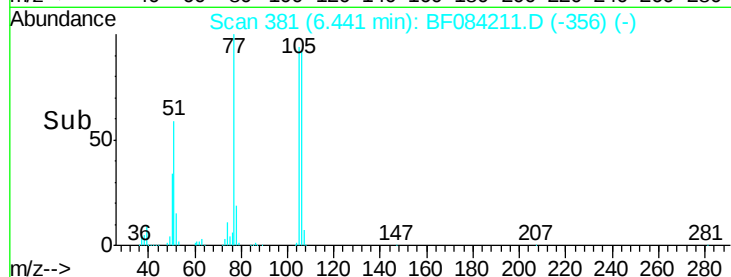
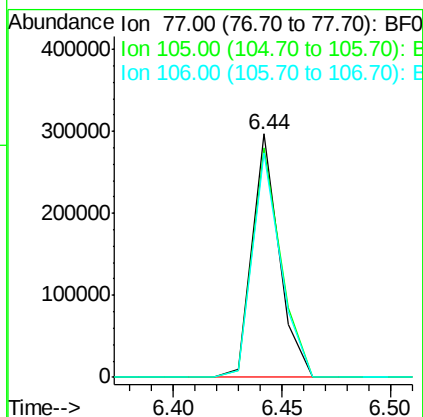
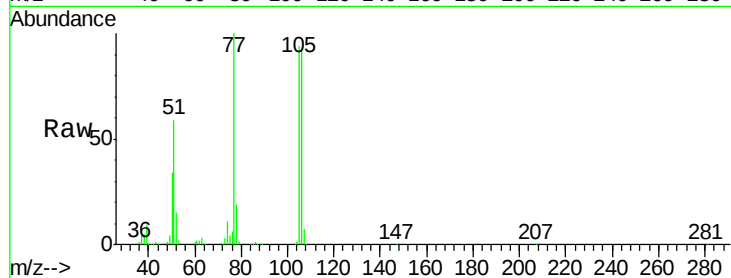
Tgt Ion: 77 Resp: 255839

Ion Ratio Lower Upper

77 100

105 94.3 83.0 123.0

106 92.2 74.6 114.6



#10

Phenol

Concen: 41.70 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

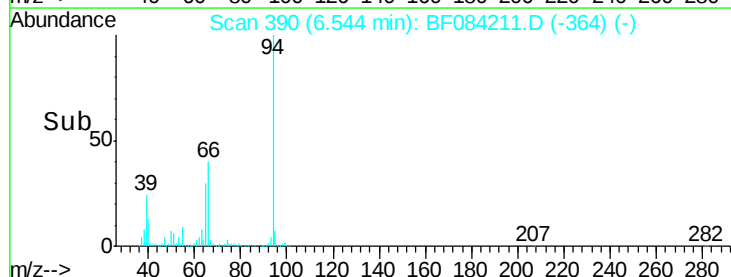
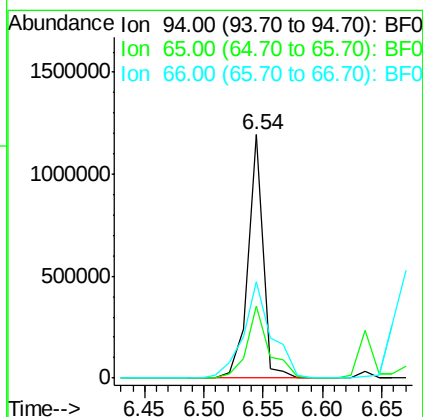
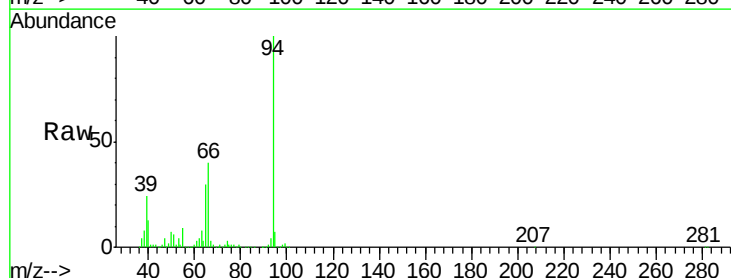
Tgt Ion: 94 Resp: 1058182

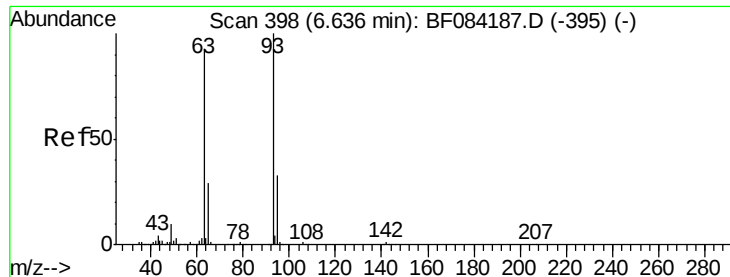
Ion Ratio Lower Upper

94 100

65 29.9 12.9 52.9

66 39.7 32.7 72.7

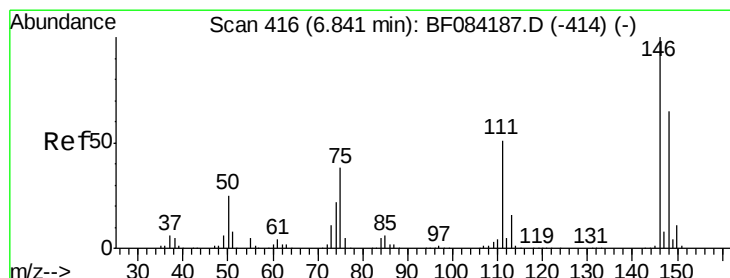
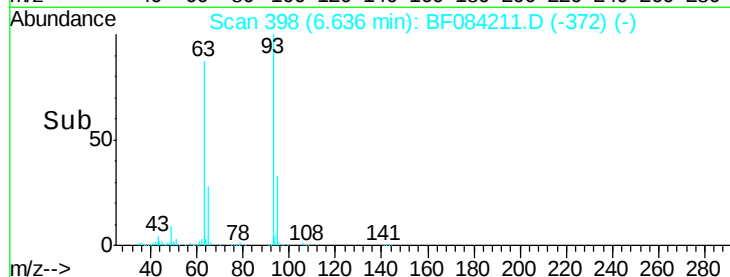
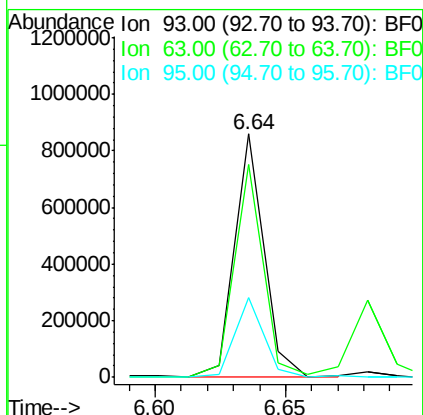
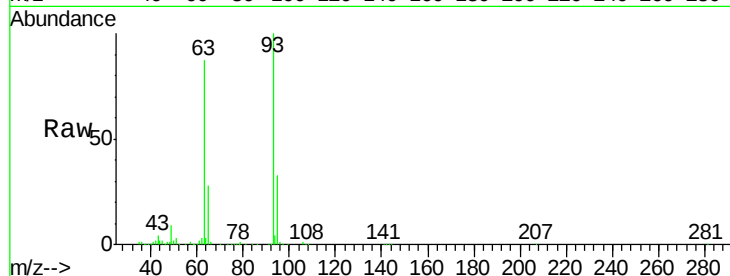




#11
bis(2-Chloroethyl)ether
Concen: 34.28 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

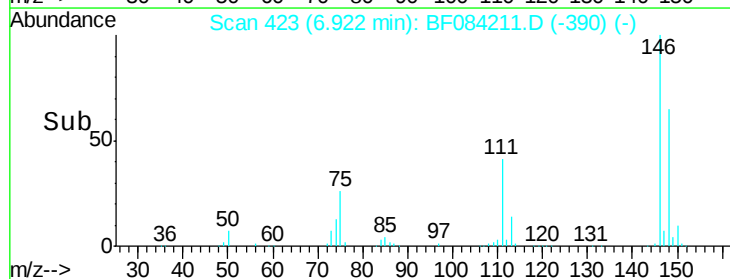
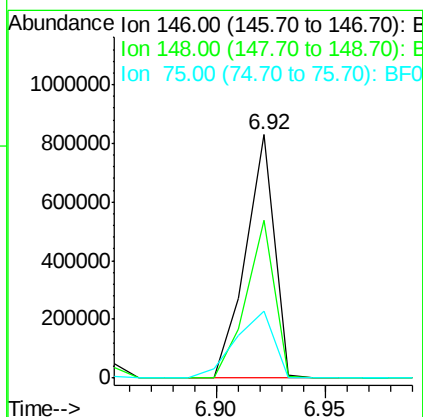
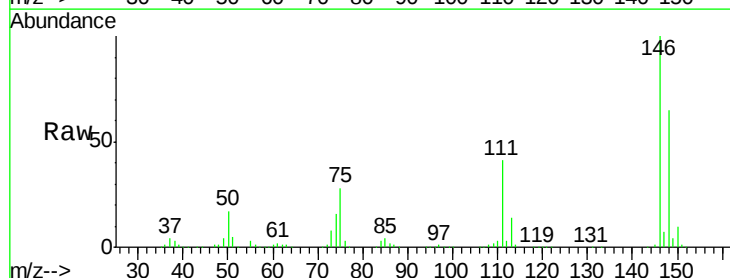
Instrument :
BNA_F
ClientSampleId :
PB87590BS

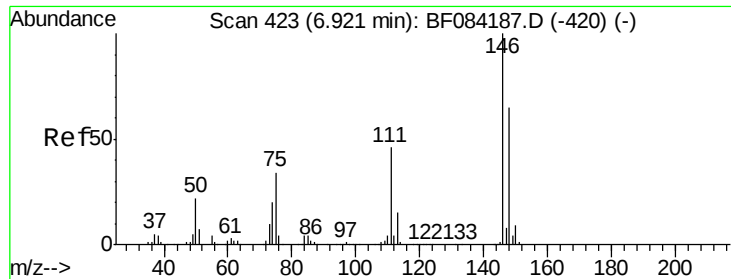
Tgt Ion: 93 Resp: 673889
Ion Ratio Lower Upper
93 100
63 87.3 45.9 85.9#
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.71 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.08 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion: 146 Resp: 763549
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
75 27.8 20.5 30.7

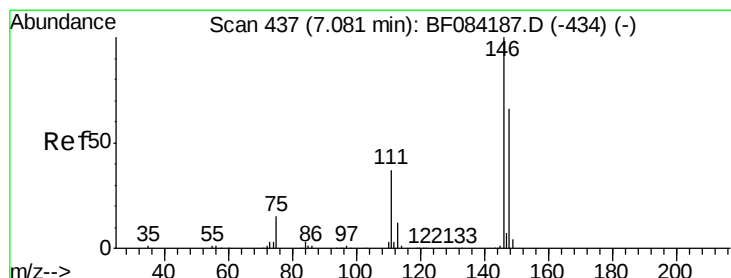
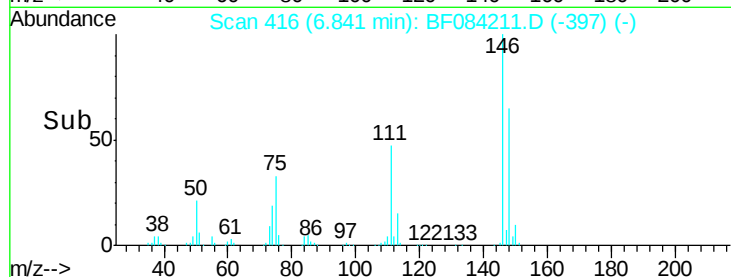
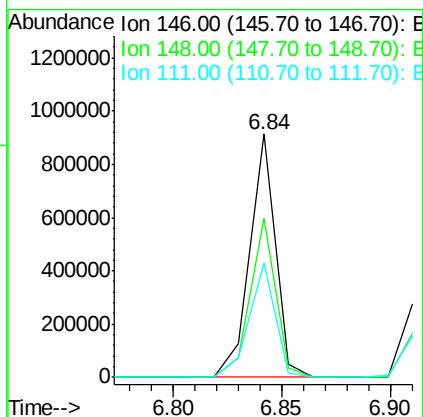
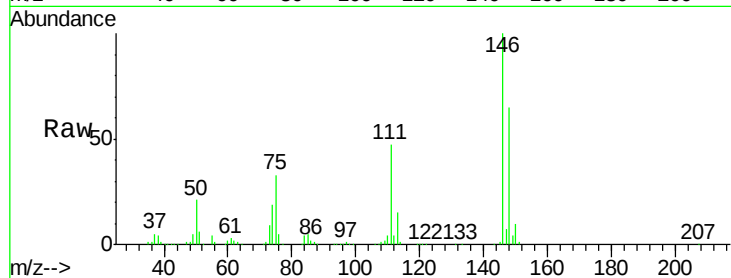




#13
 1,4-Dichlorobenzene
 Concen: 35.83 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.08 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

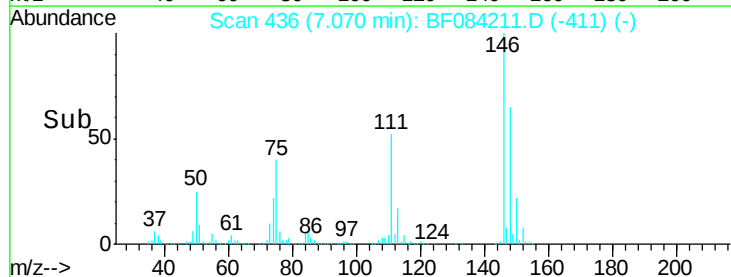
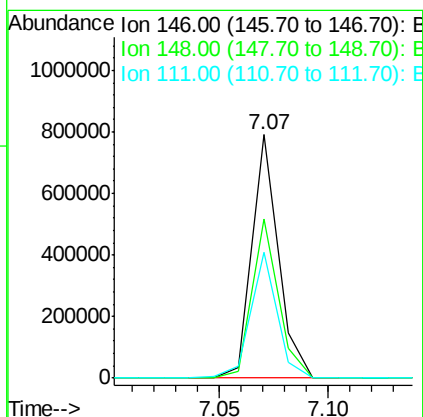
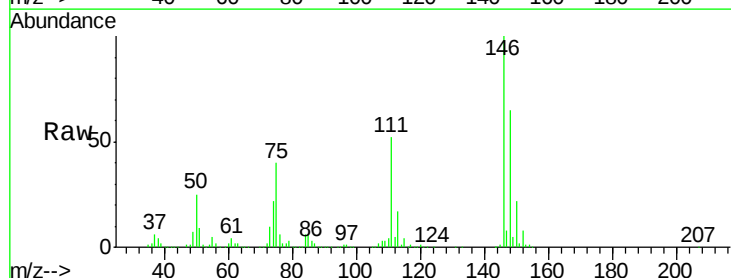
Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

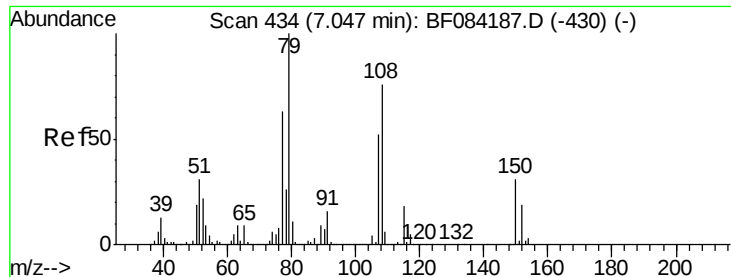
Tgt Ion:146 Resp: 747257
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 47.2 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 33.37 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:146 Resp: 666517
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.6 77.4
 111 51.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 36.64 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

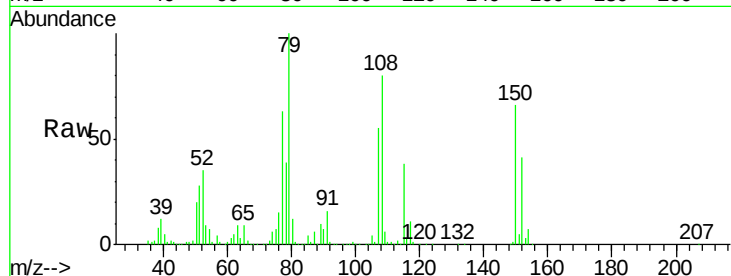
Tgt Ion: 79 Resp: 687918

Ion Ratio Lower Upper

79 100

108 79.6 69.0 103.4

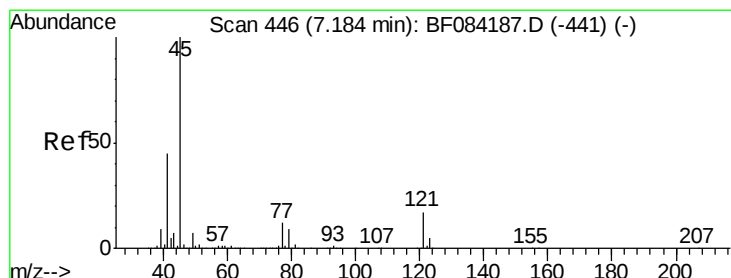
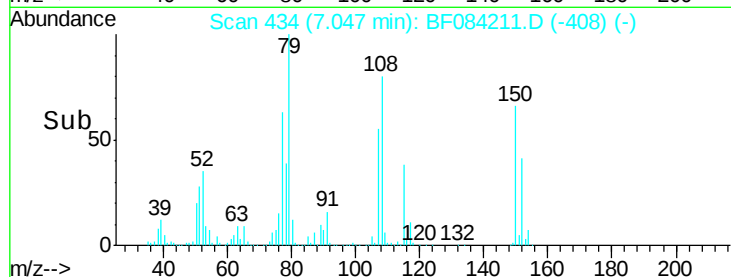
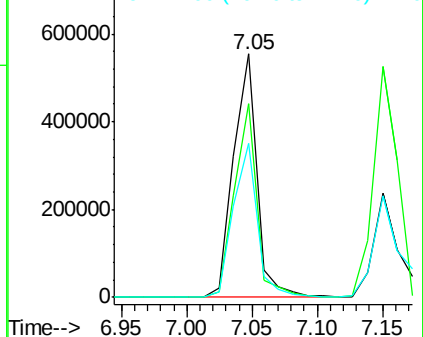
77 63.3 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.46 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

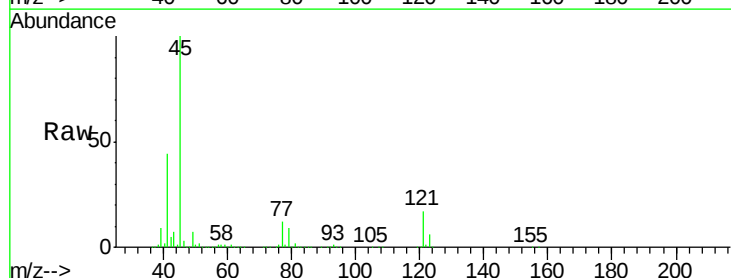
Tgt Ion: 45 Resp: 1233430

Ion Ratio Lower Upper

45 100

77 11.5 0.0 39.6

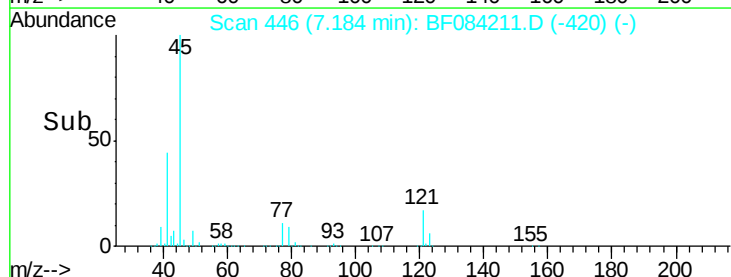
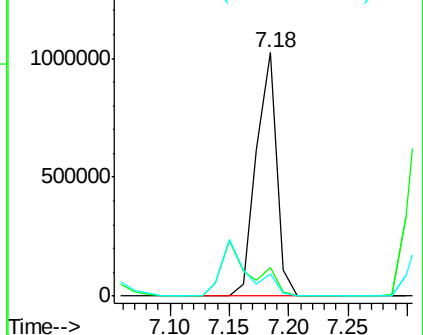
79 9.3 0.0 35.0

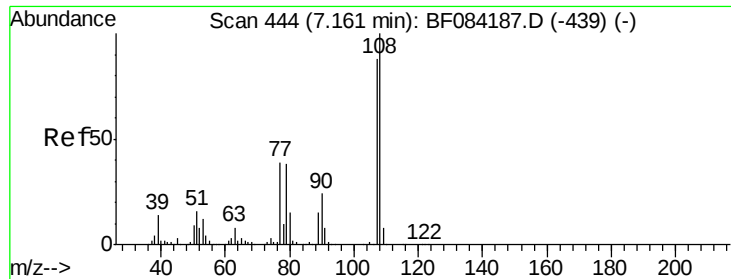


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

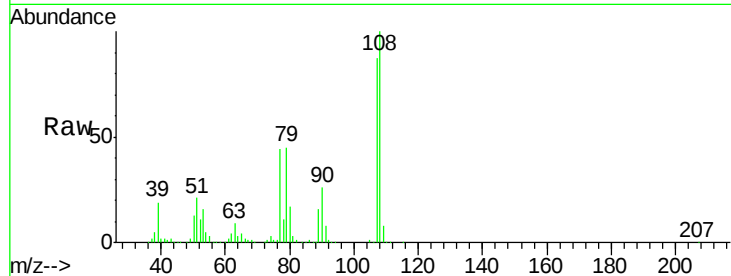




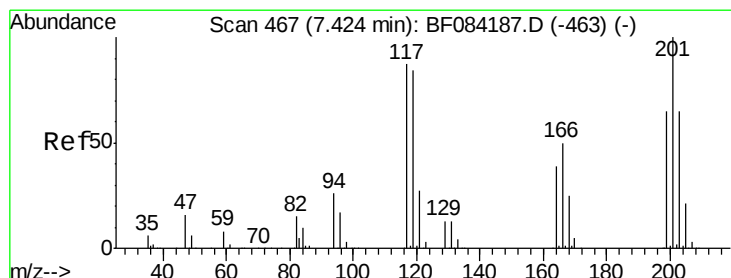
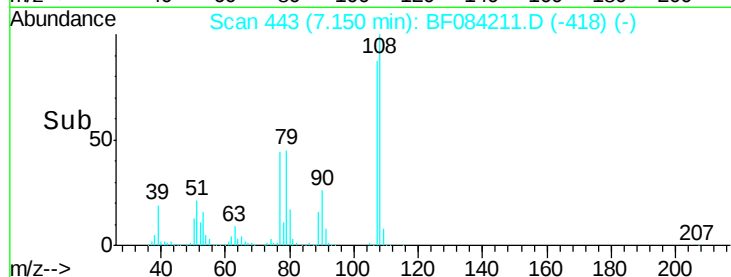
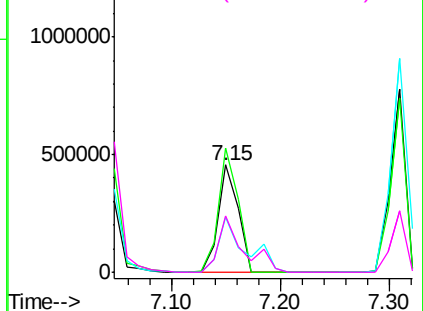
#17
 2-Methylphenol
 Concen: 34.40 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.6	89.8	134.6
77	50.8	35.7	53.5
79	52.1	35.7	53.5

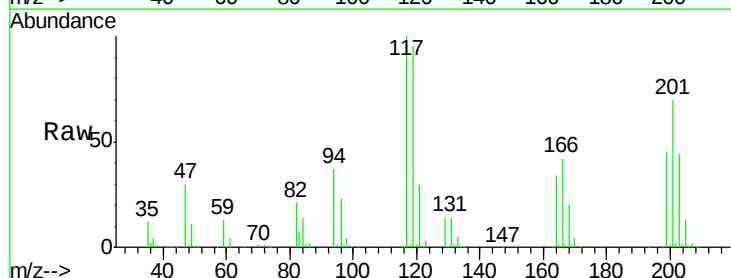


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

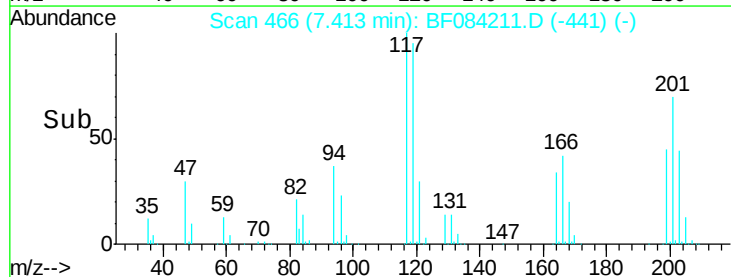
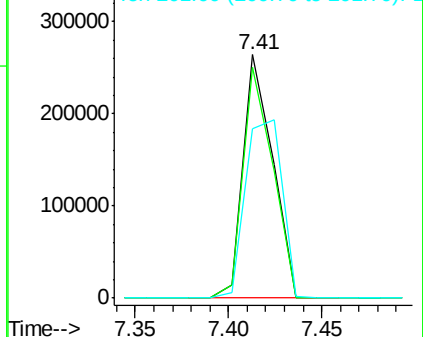


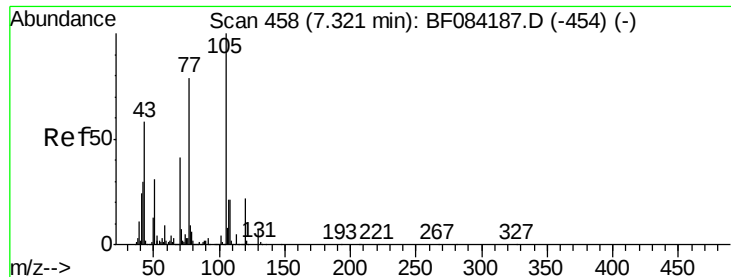
#18
 Hexachloroethane
 Concen: 34.85 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
201	69.8	68.6	103.0



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

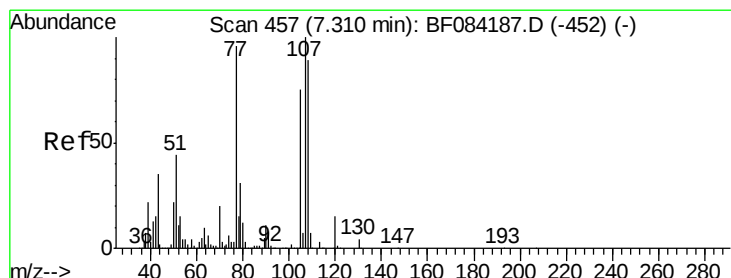
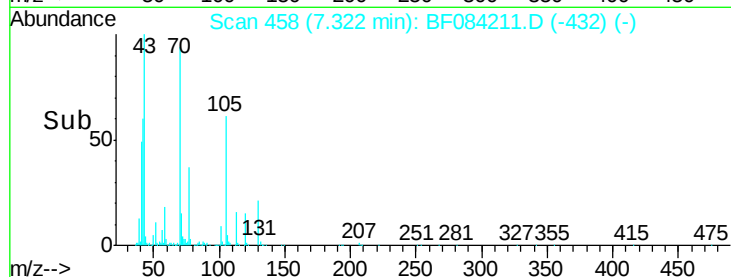
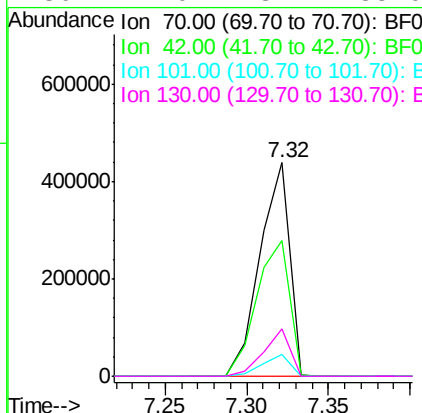
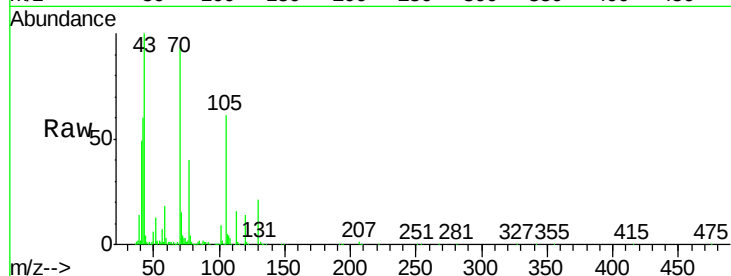




#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

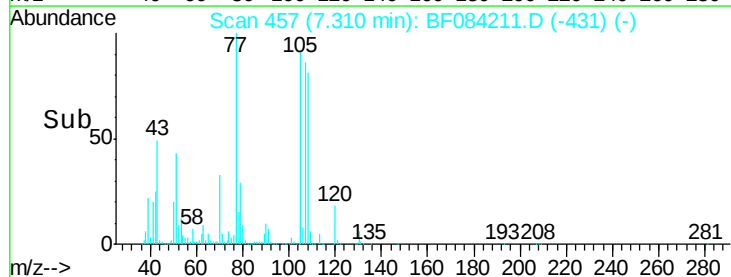
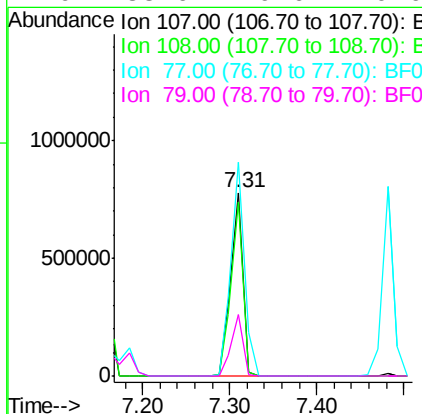
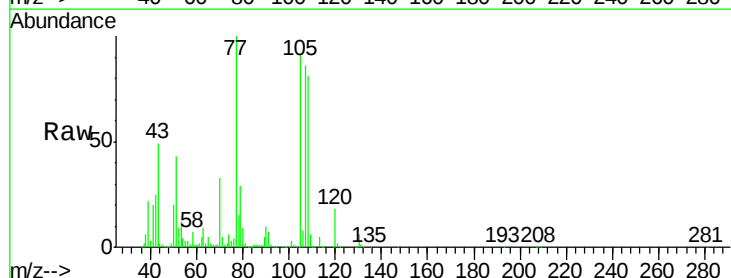
Instrument :
BNA_F
ClientSampleId :
PB87590BS

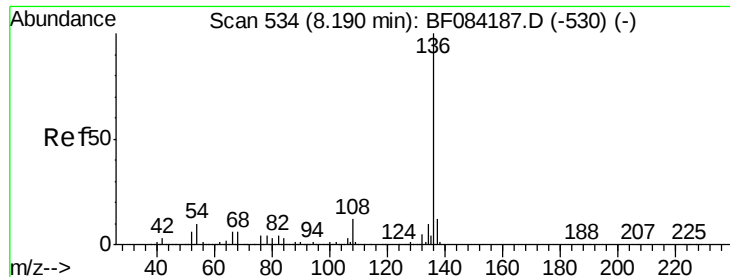
Tgt Ion: 70 Resp: 555636
Ion Ratio Lower Upper
70 100
42 63.5 33.3 49.9#
101 10.1 9.3 13.9
130 22.0 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.43 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion: 107 Resp: 763270
Ion Ratio Lower Upper
107 100
108 94.8 64.1 104.1
77 116.4 128.9 168.9#
79 33.6 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tgt Ion:136 Resp: 1217353

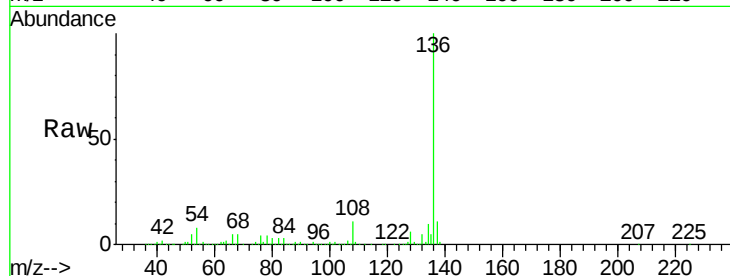
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.1 5.8 8.8

68 4.8 4.2 6.2

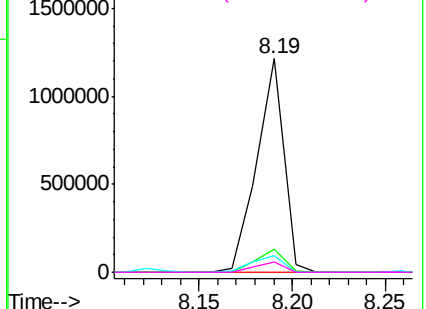
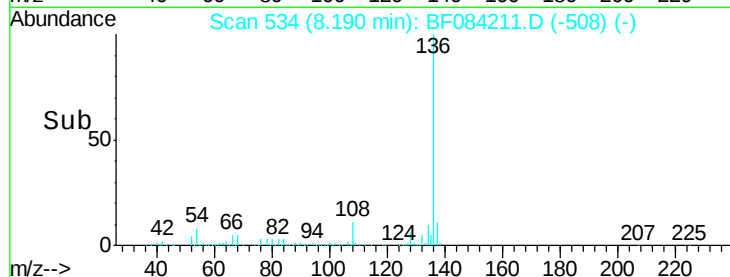


Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.65 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:105 Resp: 955688

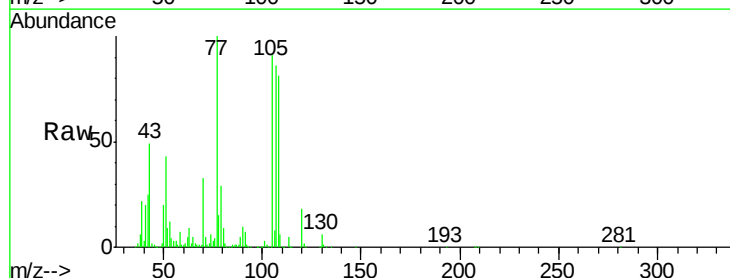
Ion Ratio Lower Upper

105 100

71 5.8 3.7 5.5#

51 47.0 25.1 37.7#

120 20.3 16.6 25.0

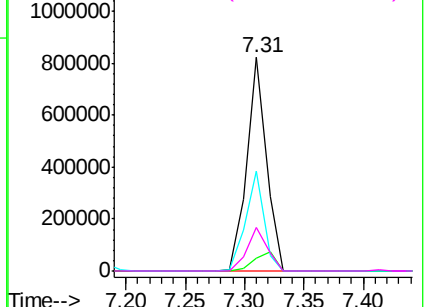
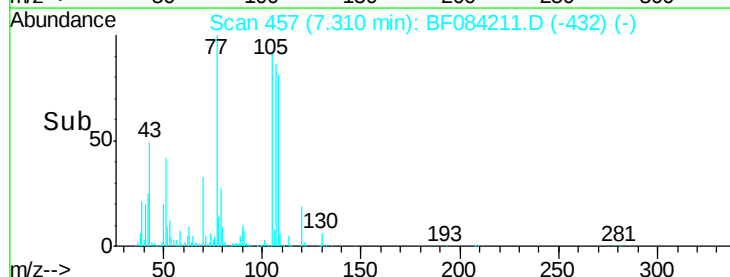


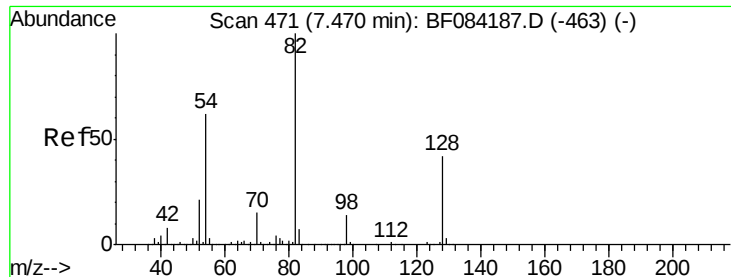
Abundance Ion 105.00 (104.70 to 105.70): E

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

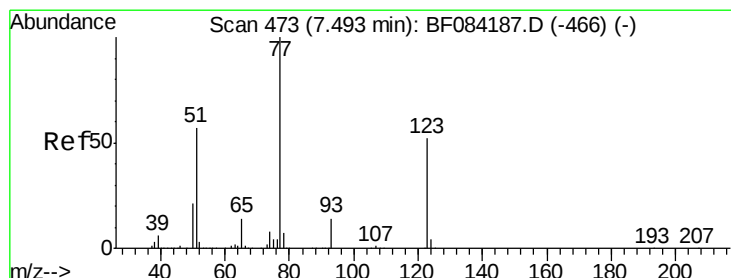
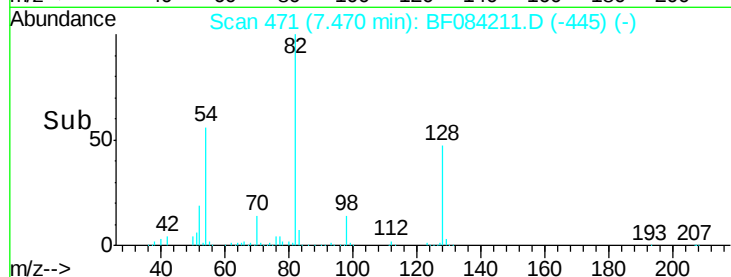
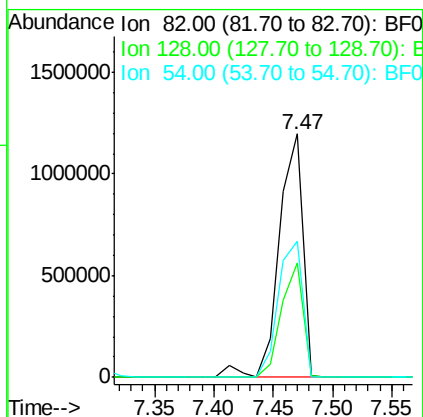
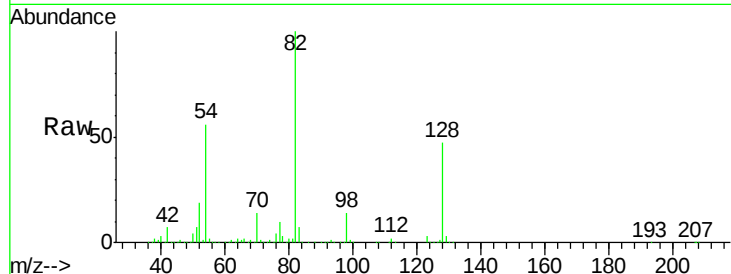




#23
 Nitrobenzene-d5
 Concen: 75.15 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

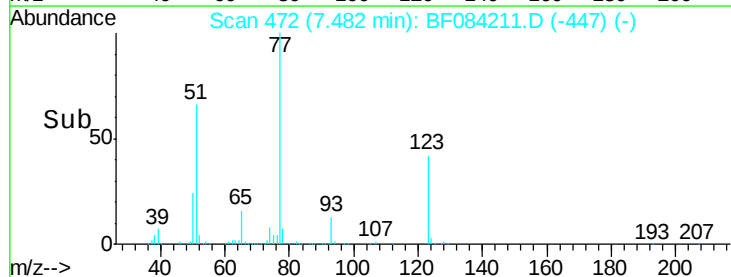
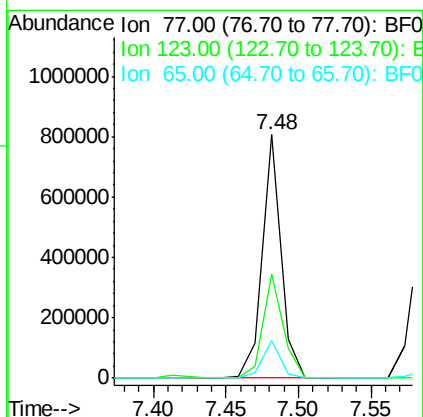
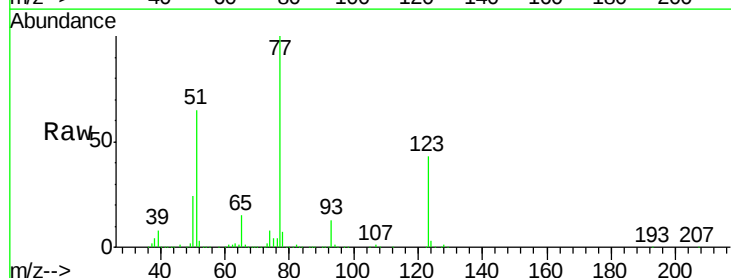
Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

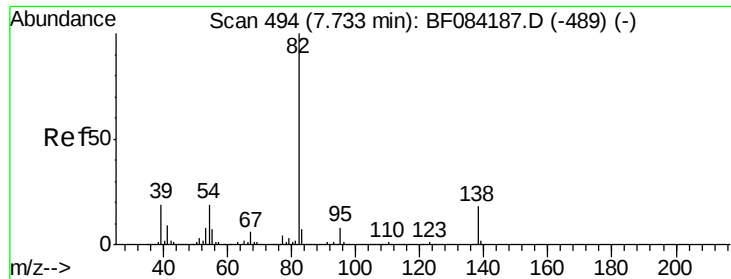
Tgt Ion: 82 Resp: 1643674
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 51.8
 54 55.7 38.4 57.6



#24
 Nitrobenzene
 Concen: 32.71 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion: 77 Resp: 725661
 Ion Ratio Lower Upper
 77 100
 123 42.8 37.4 56.2
 65 15.2 10.9 16.3





#25

Isophorone

Concen: 33.71 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

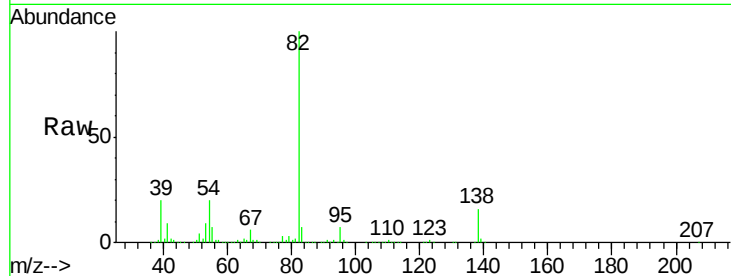
Tgt Ion: 82 Resp: 1410167

Ion Ratio Lower Upper

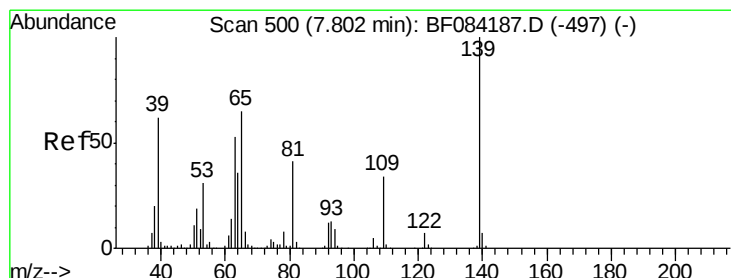
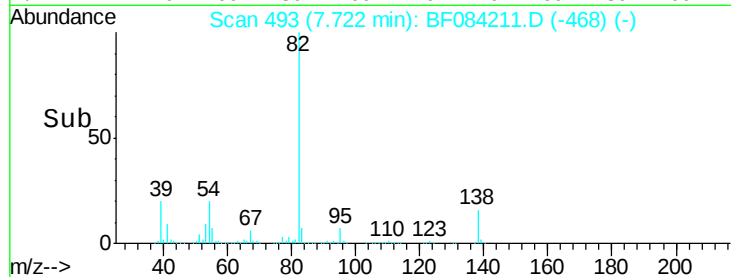
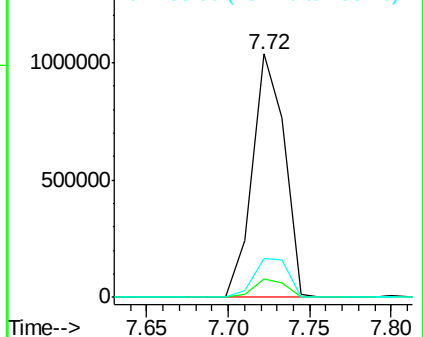
82 100

95 7.3 6.6 10.0

138 15.9 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: 37.08 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

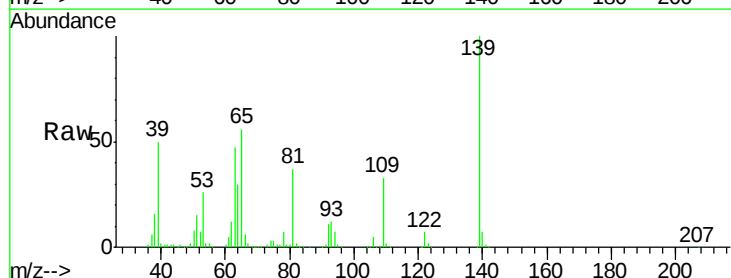
Tgt Ion: 139 Resp: 374350

Ion Ratio Lower Upper

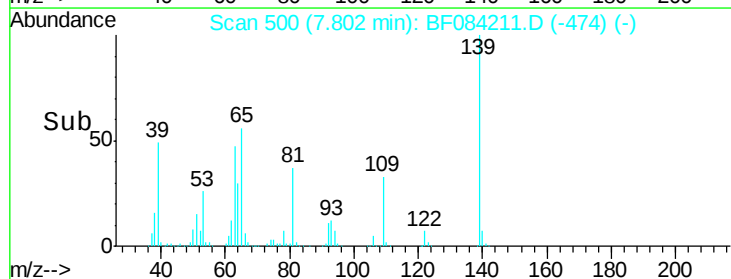
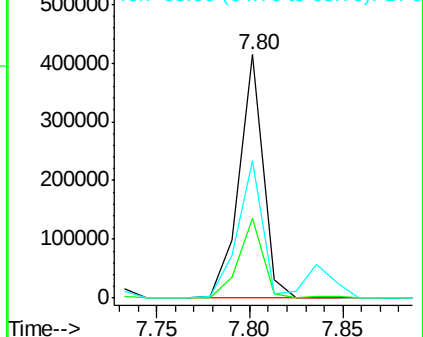
139 100

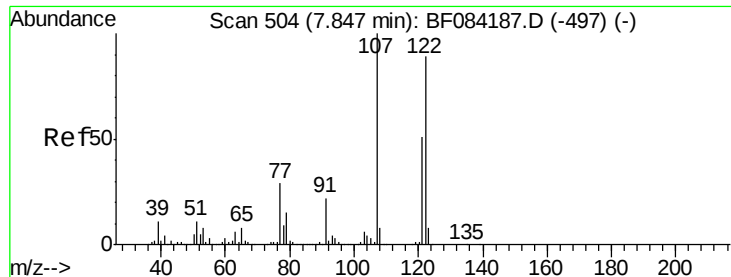
109 32.9 25.4 38.2

65 56.4 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: 33.86 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

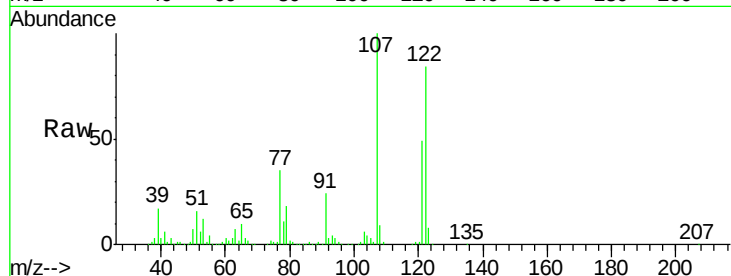
Tgt Ion:122 Resp: 691945

Ion Ratio Lower Upper

122 100

107 119.0 99.1 148.7

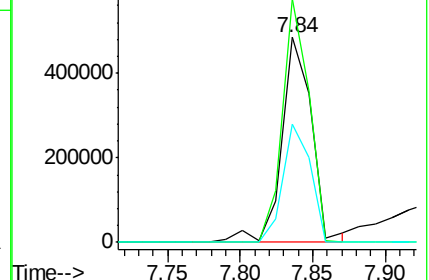
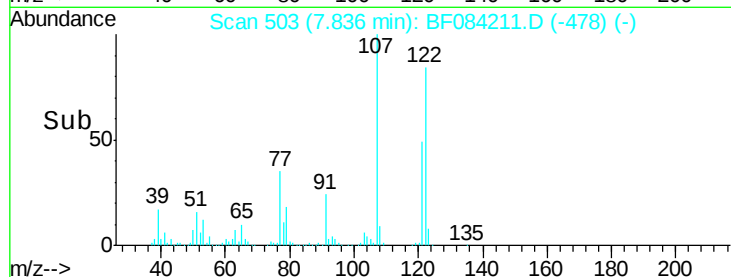
121 57.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.90 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

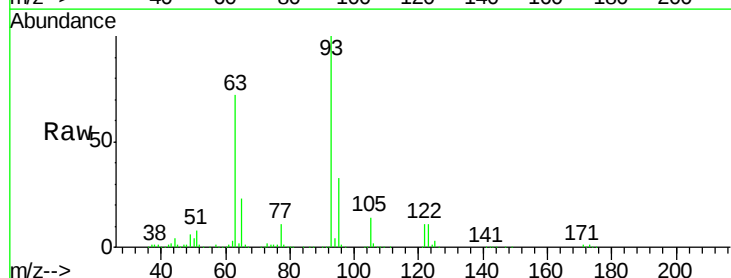
Tgt Ion: 93 Resp: 891719

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

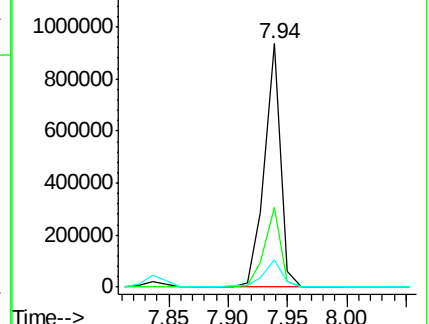
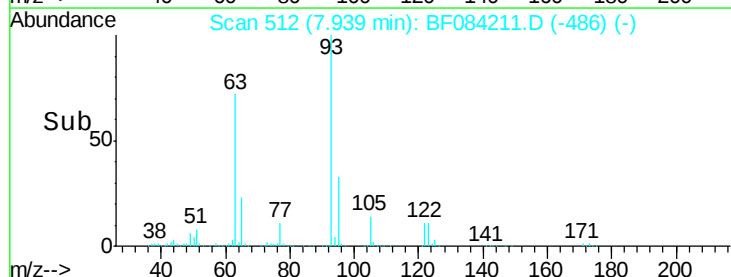
123 11.4 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

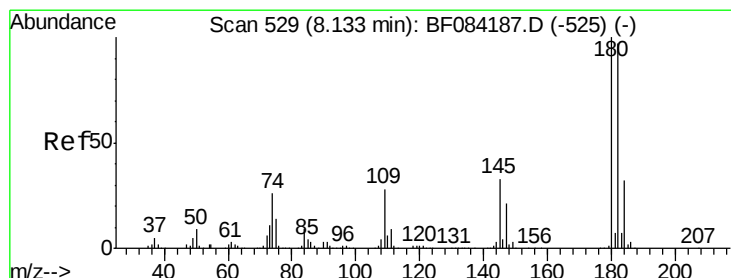
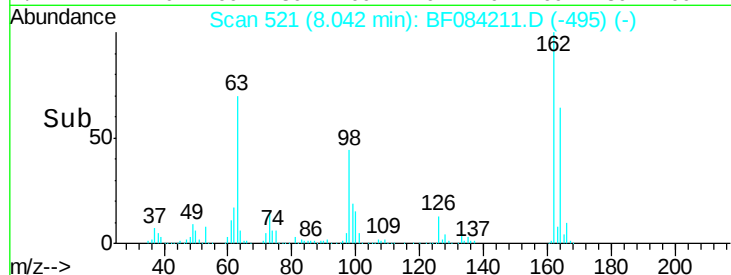
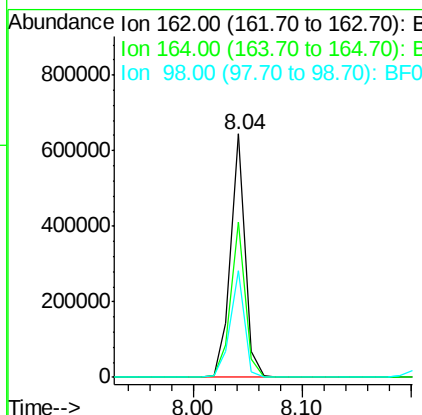
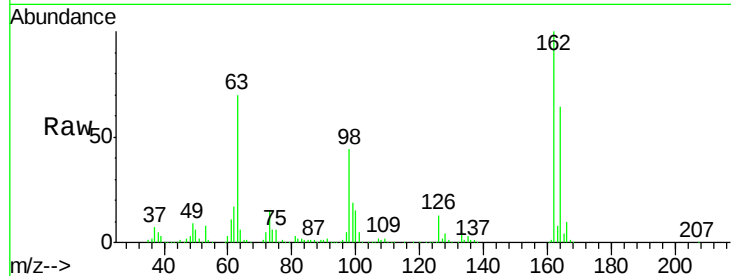




#29
 2,4-Dichlorophenol
 Concen: 35.02 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

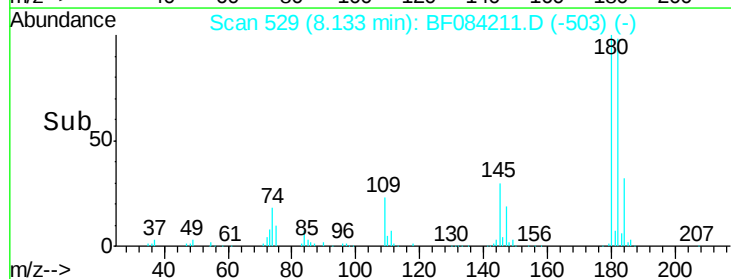
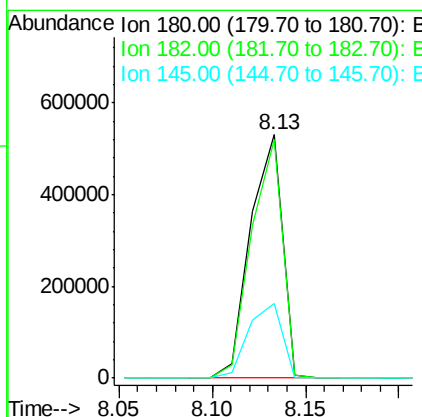
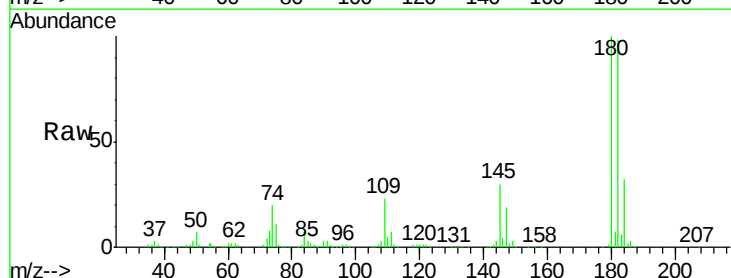
Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

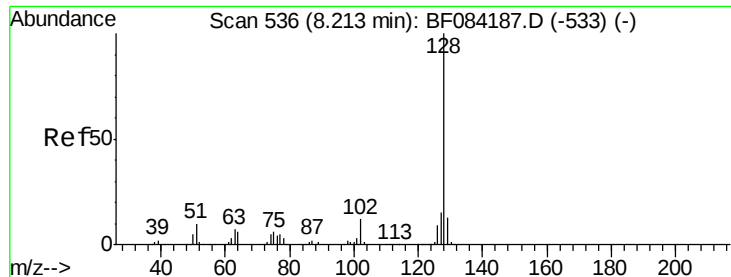
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.1	84.1
98	44.0	20.2	60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.36 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.4	114.6
145	30.5	31.6	47.4#

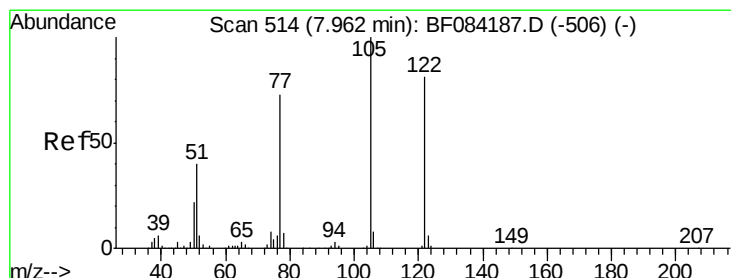
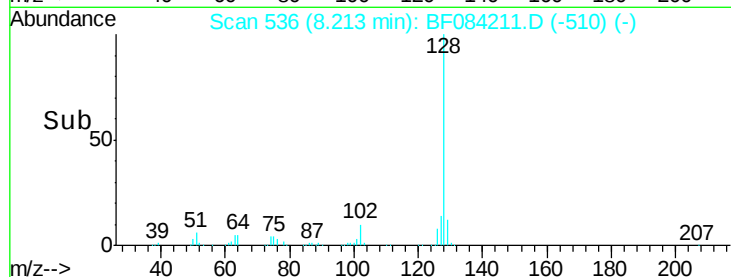
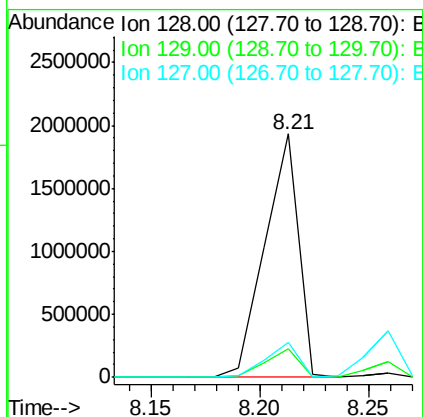
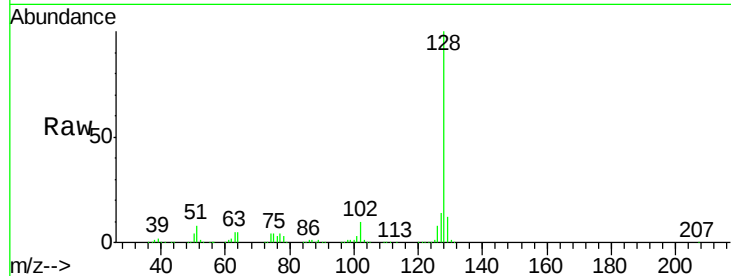




#31
Naphthalene
Concen: 38.04 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

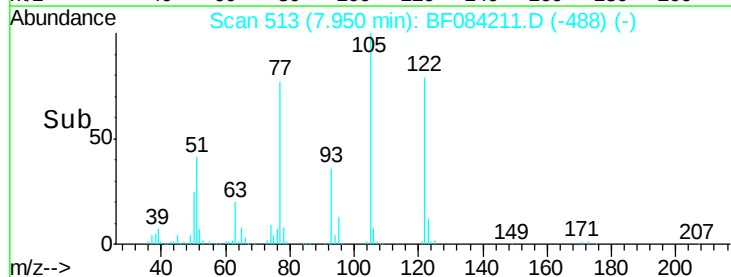
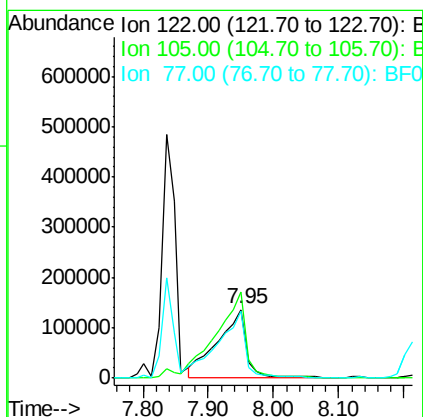
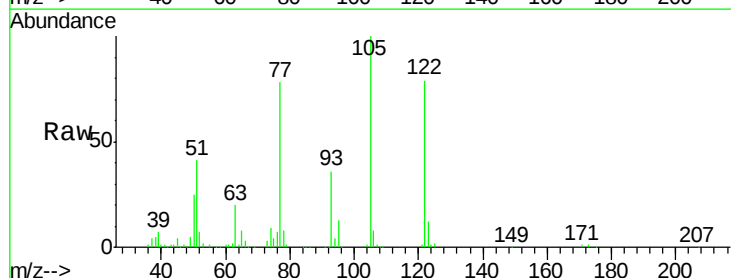
Instrument :
BNA_F
ClientSampleId :
PB87590BS

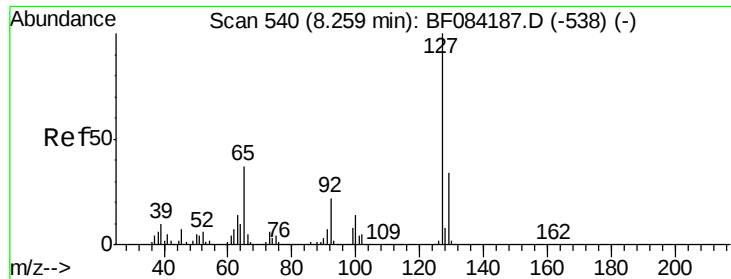
Tgt Ion:128 Resp: 2101174
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 14.3 11.1 16.7



#32
Benzoic acid
Concen: 34.30 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:122 Resp: 424031
Ion Ratio Lower Upper
122 100
105 126.5 100.3 140.3
77 98.2 63.5 103.5

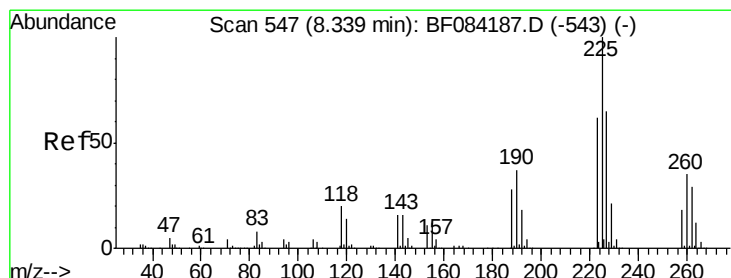
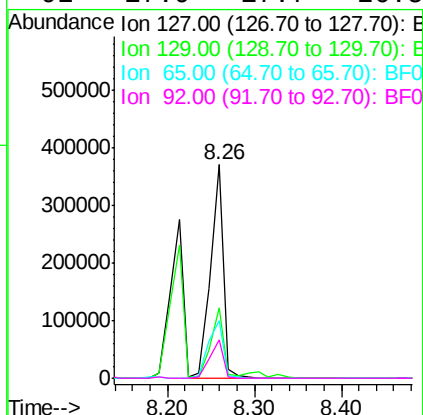
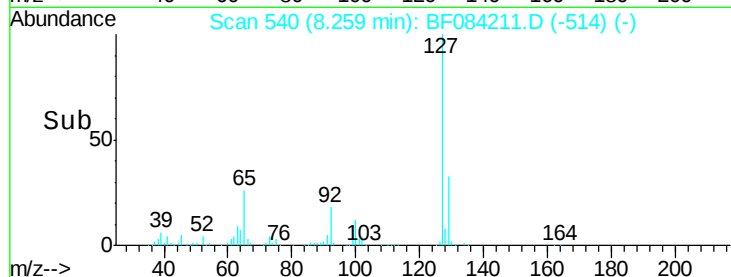
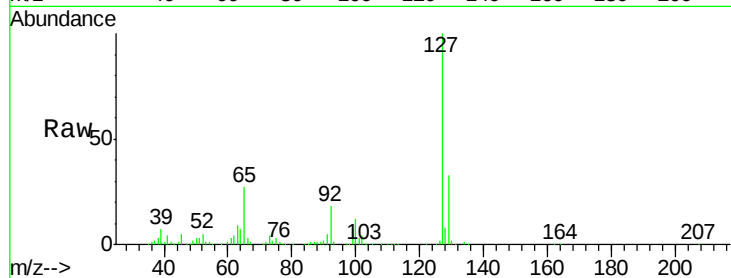




#33
4-Chloroaniline
Concen: 15.24 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

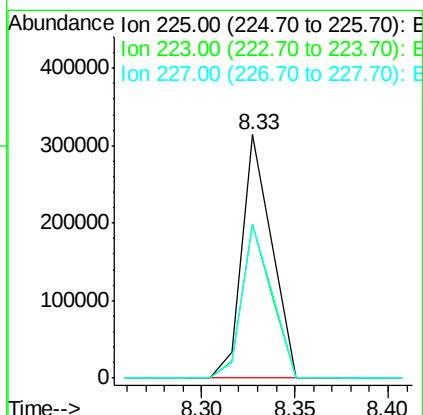
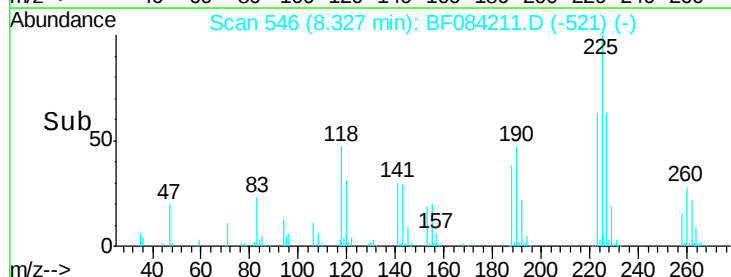
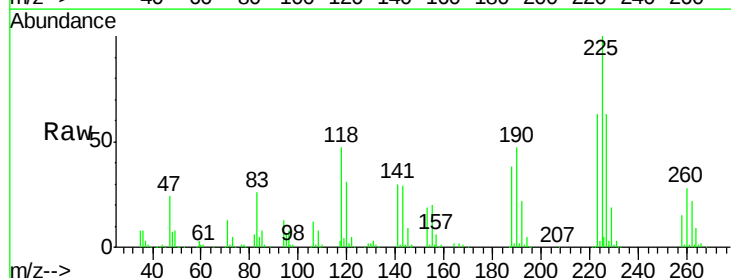
Instrument :
BNA_F
ClientSampleId :
PB87590BS

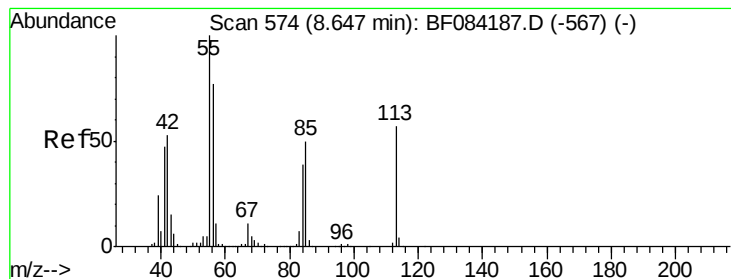
Tgt Ion:	127	Resp:	385901
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	26.7	27.2	40.8#
92	17.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 34.35 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:	225	Resp:	347072
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	63.1	50.8	76.2





#35

Caprolactam

Concen: 28.71 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

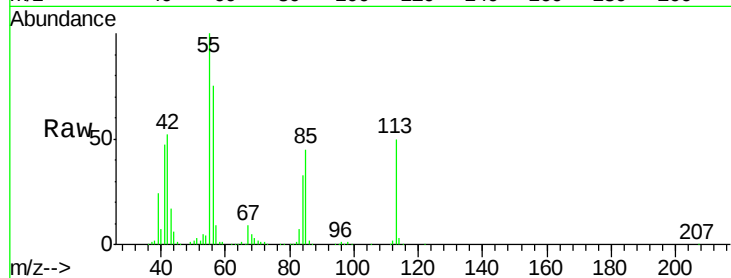
Tgt Ion:113 Resp: 164784

Ion Ratio Lower Upper

113 100

55 202.0 116.9 156.9#

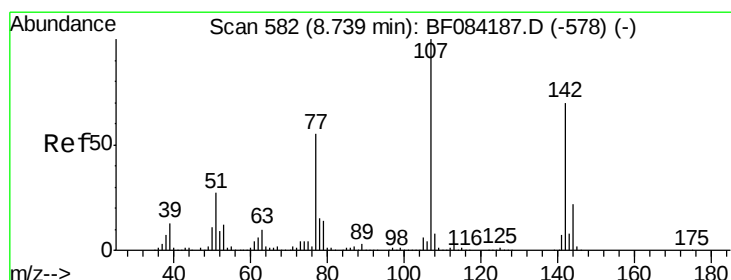
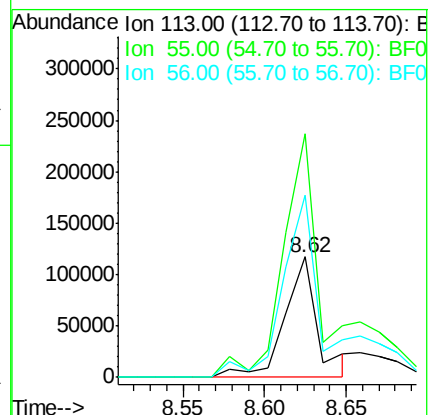
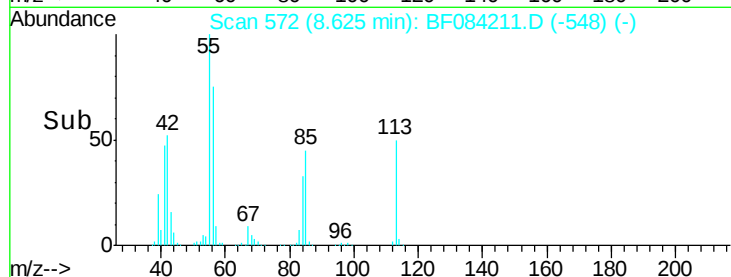
56 151.2 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.16 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

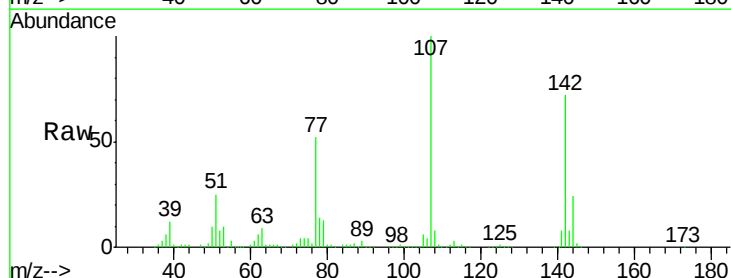
Tgt Ion:107 Resp: 708519

Ion Ratio Lower Upper

107 100

144 23.6 19.7 29.5

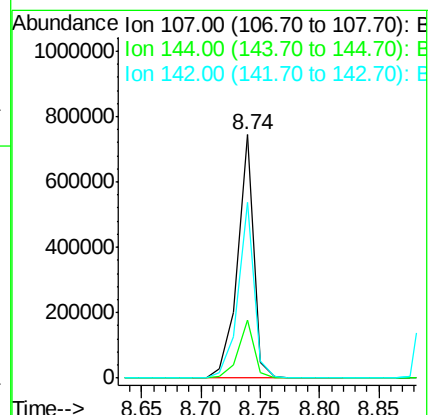
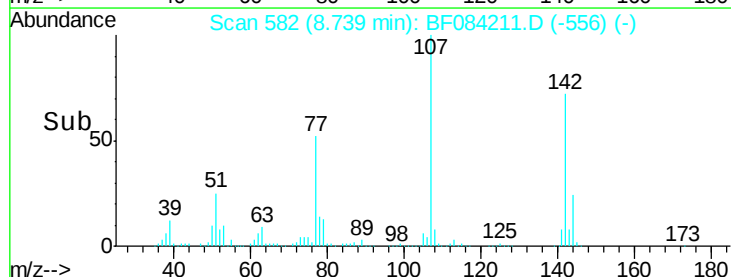
142 72.0 61.8 92.6

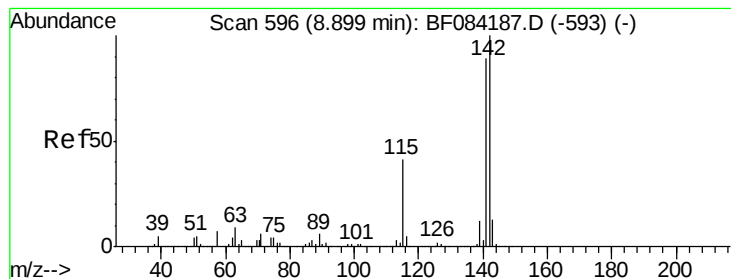


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.92 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

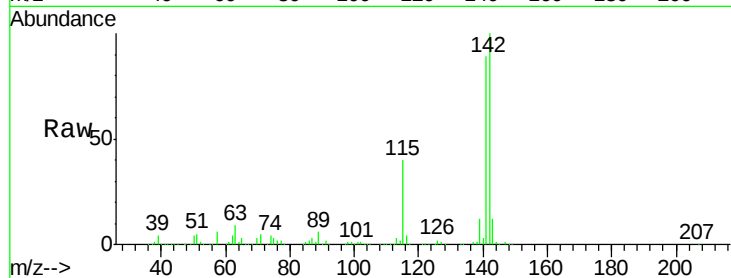
Tgt Ion:142 Resp: 1305041

Ion Ratio Lower Upper

142 100

141 89.2 72.4 108.6

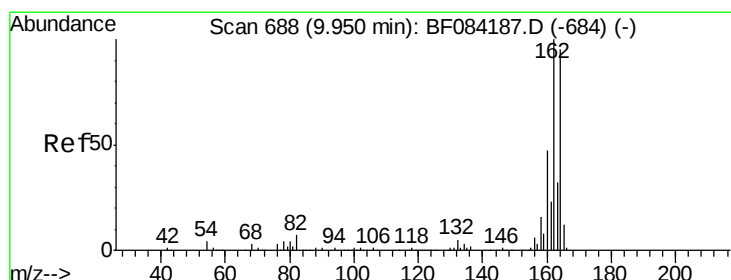
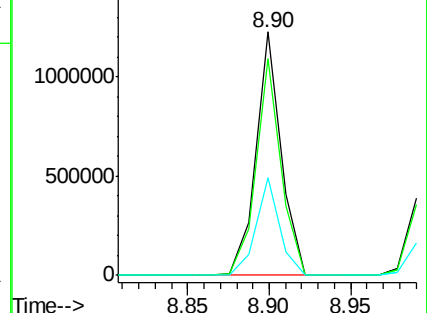
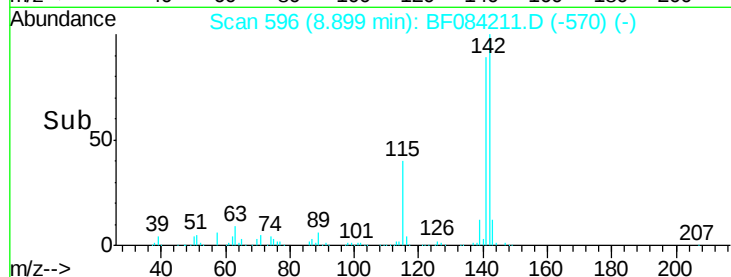
115 40.0 27.9 41.9



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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

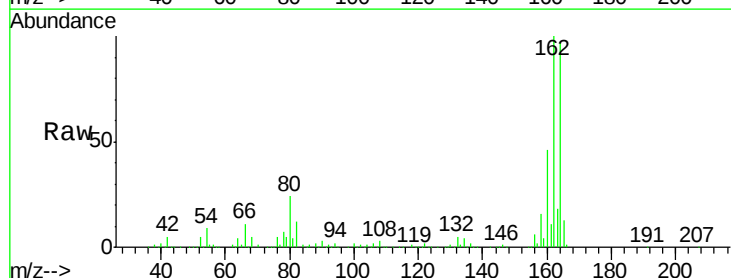
Tgt Ion:164 Resp: 545184

Ion Ratio Lower Upper

164 100

162 103.3 85.1 127.7

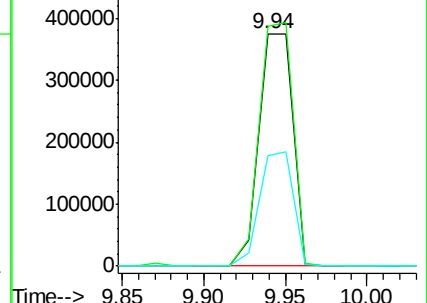
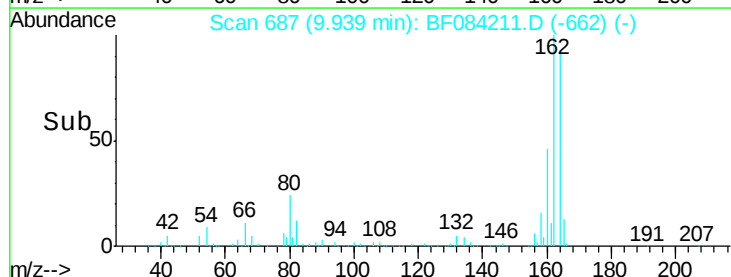
160 47.6 37.5 56.3

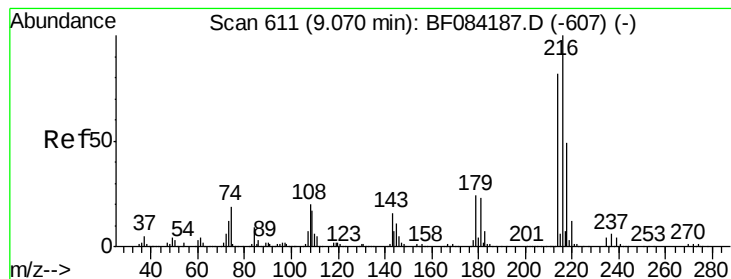


Abundance Ion 164.00 (163.70 to 164.70): E

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: 37.74 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

Tgt Ion:216 Resp: 591431

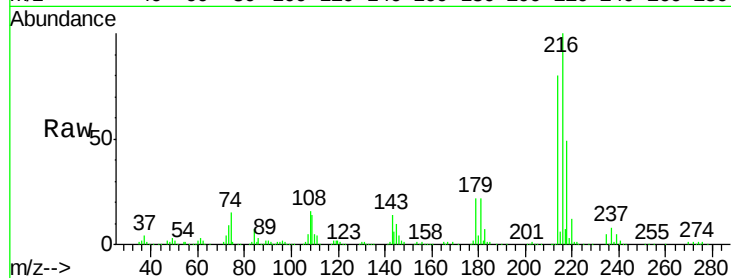
Ion Ratio Lower Upper

216 100

214 80.6 64.2 96.2

179 23.2 18.7 28.1

108 24.0 16.8 25.2

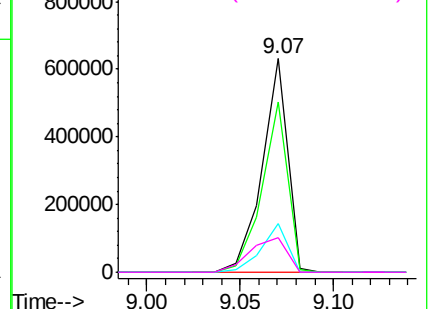
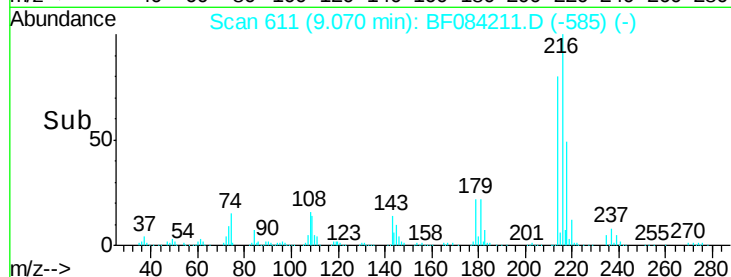


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.20 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

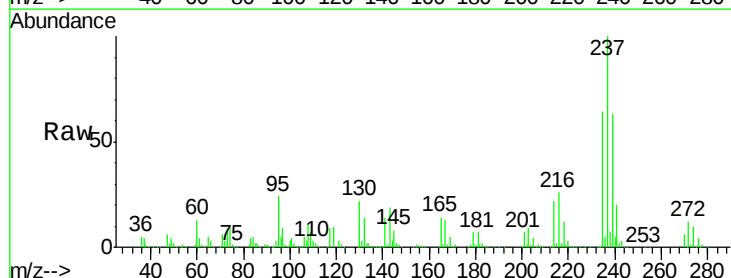
Tgt Ion:237 Resp: 702000

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

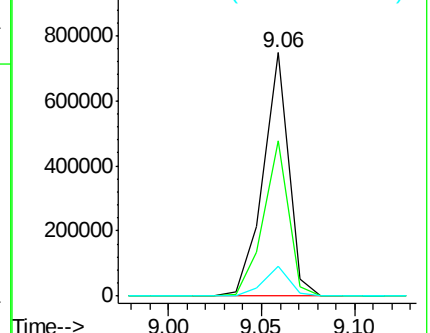
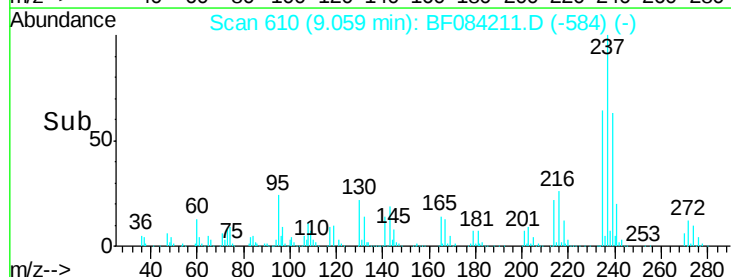
272 12.4 0.0 35.1

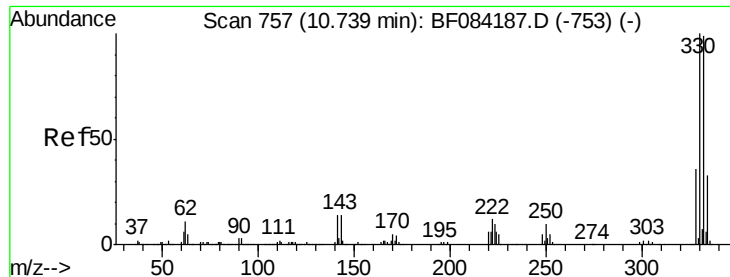


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

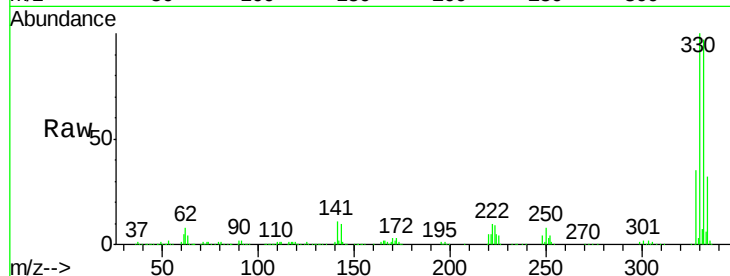




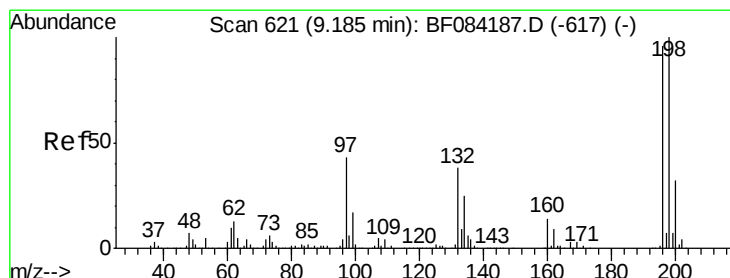
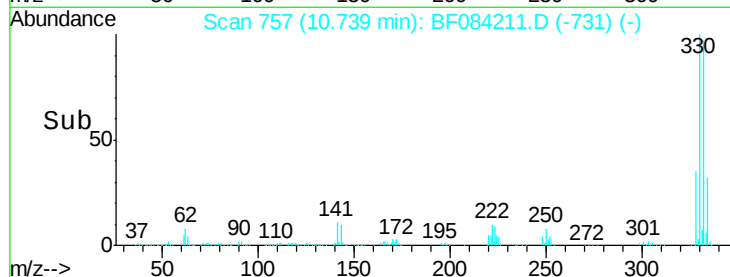
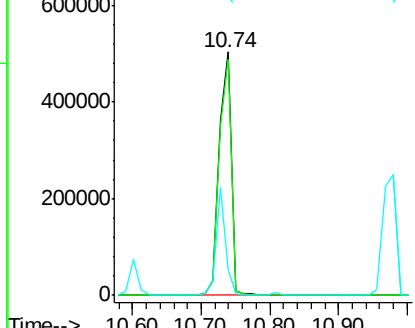
#41
 2,4,6-Tribromophenol
 Concen: 114.66 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion:330 Resp: 631114
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 34.4 27.8 41.6

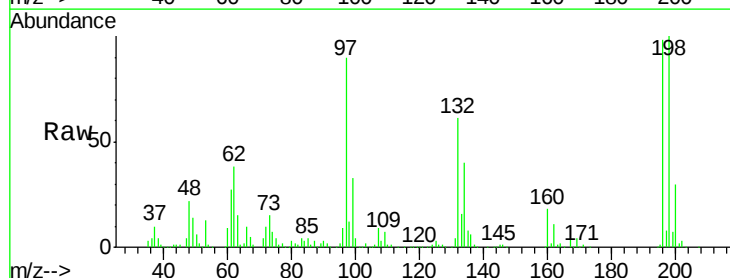


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

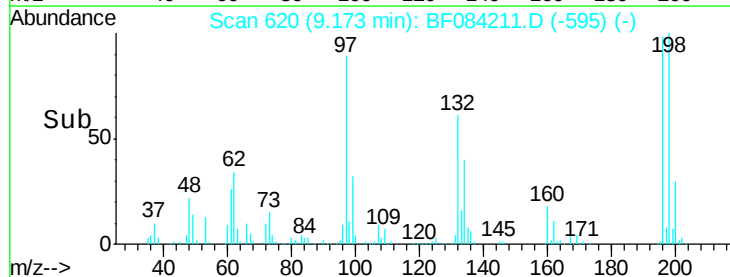
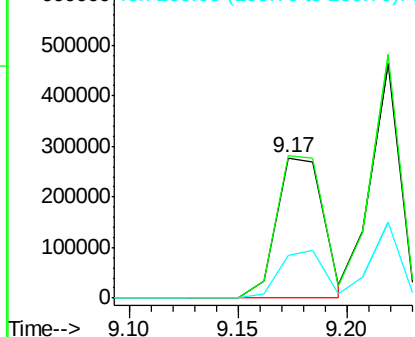


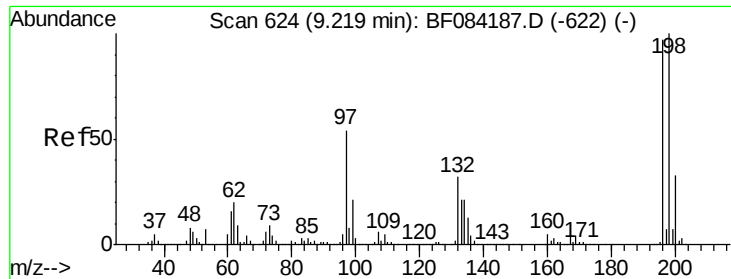
#42
 2,4,6-Trichlorophenol
 Concen: 35.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:196 Resp: 414880
 Ion Ratio Lower Upper
 196 100
 198 102.1 77.7 116.5
 200 30.5 24.6 37.0



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

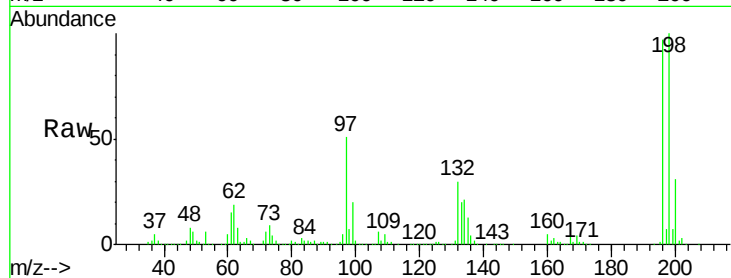




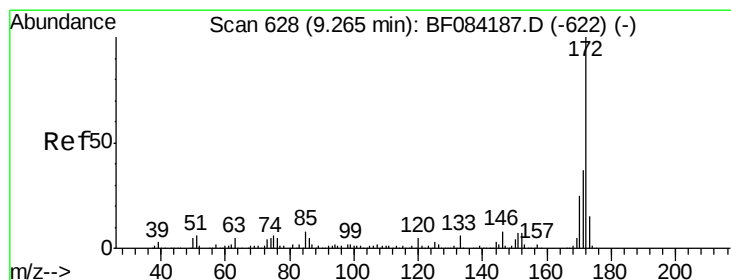
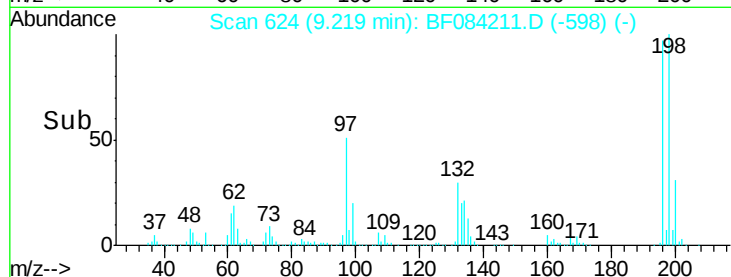
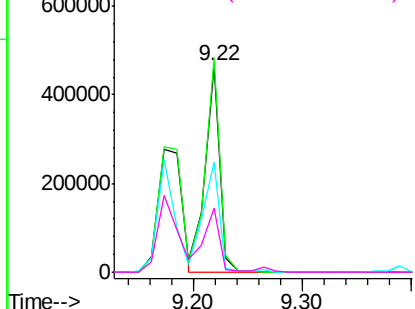
#43
 2,4,5-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.5	79.0	118.6
97	53.2	33.0	49.6
132	30.9	21.1	31.7

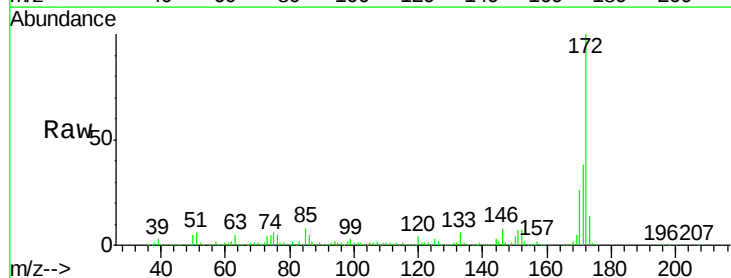


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

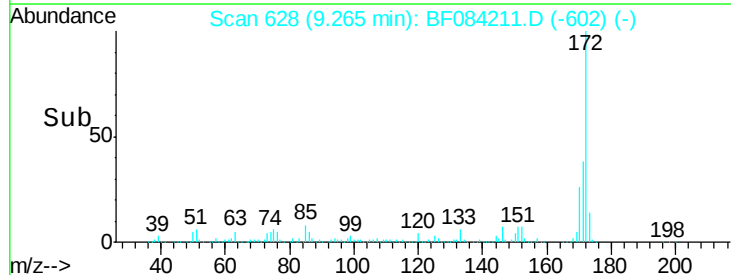
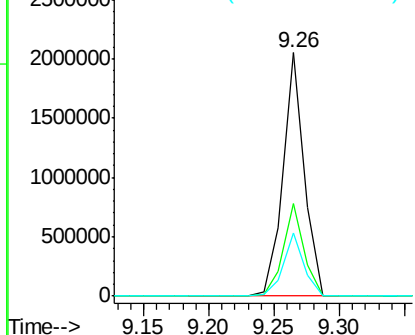


#44
 2-Fluorobiphenyl
 Concen: 75.01 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	28.9	43.3
170	25.8	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

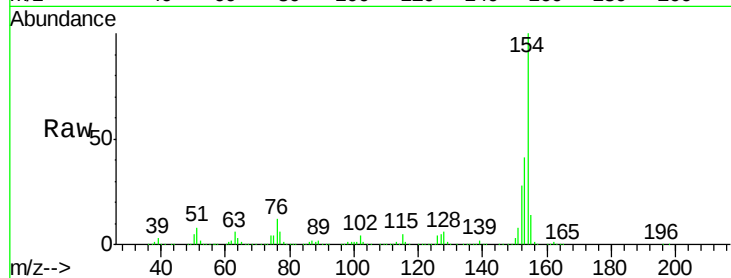




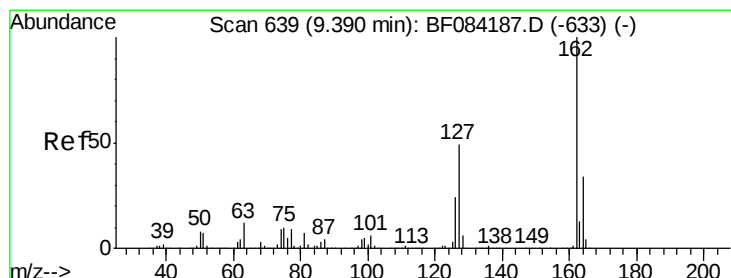
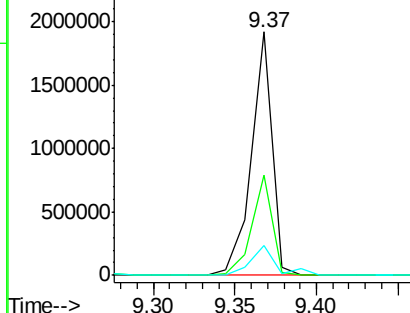
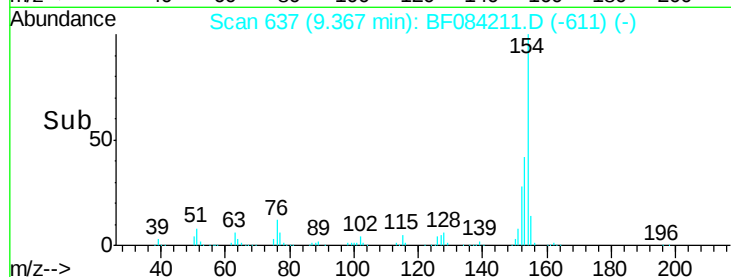
#45
 1,1'-Biphenyl
 Concen: 38.91 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion:154 Resp: 1686054
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 12.3 0.0 32.7

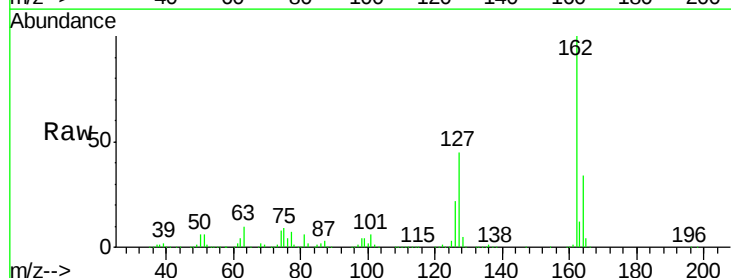


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

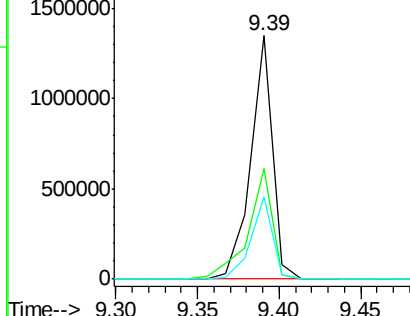
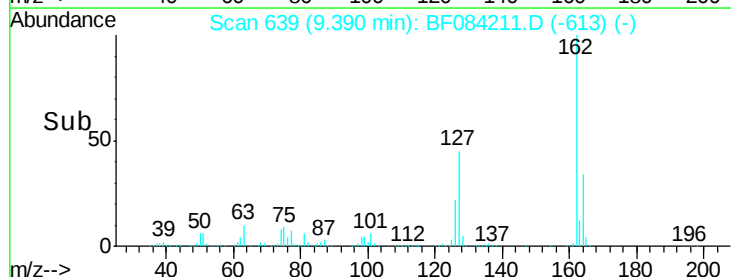


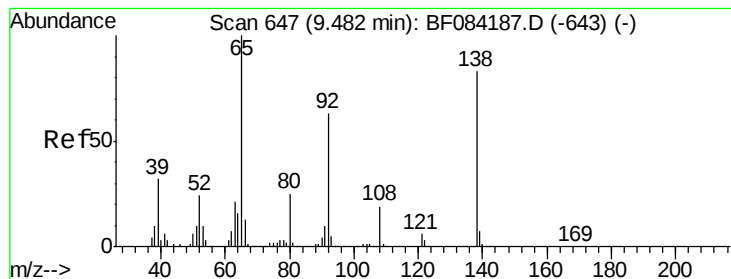
#46
 2-Chloronaphthalene
 Concen: 36.57 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:162 Resp: 1244507
 Ion Ratio Lower Upper
 162 100
 127 45.4 40.2 60.4
 164 34.0 25.7 38.5



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





#47

2-Nitroaniline

Concen: 37.34 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

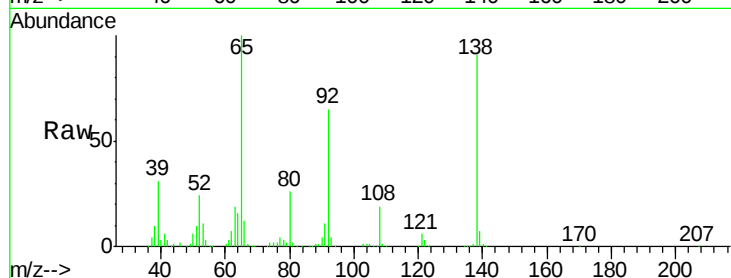
Tgt Ion: 65 Resp: 419403

Ion Ratio Lower Upper

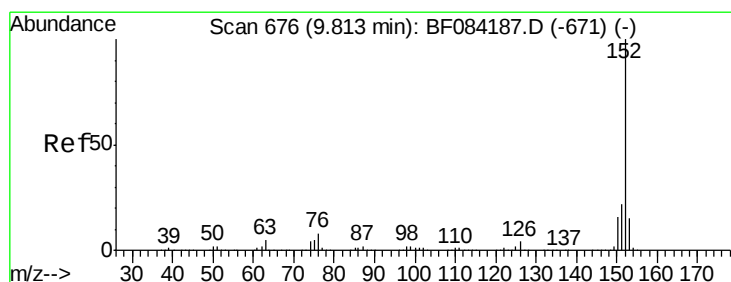
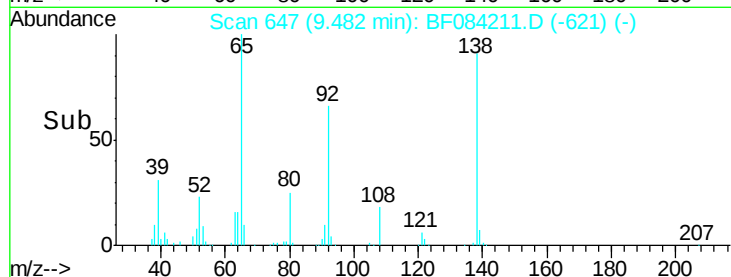
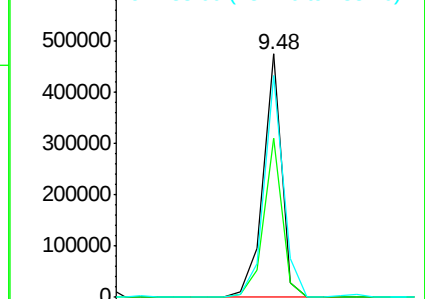
65 100

92 65.4 53.4 80.2

138 91.1 71.1 106.7



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



#48

Acenaphthylene

Concen: 37.34 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

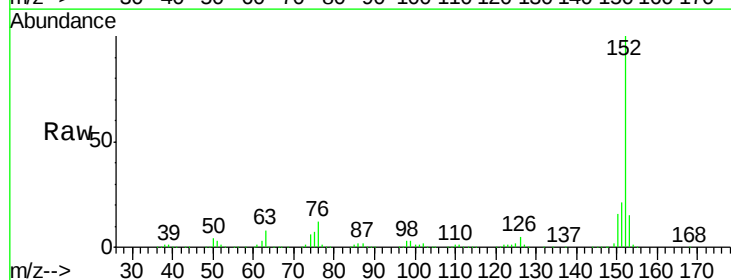
Tgt Ion: 152 Resp: 1877709

Ion Ratio Lower Upper

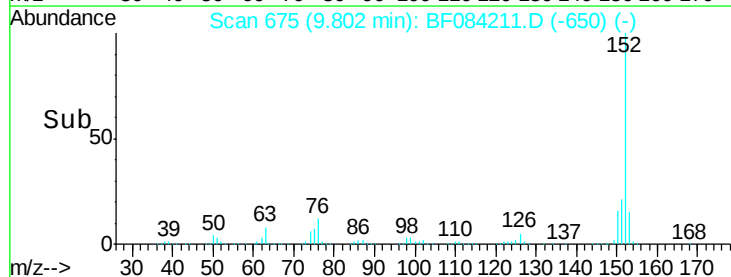
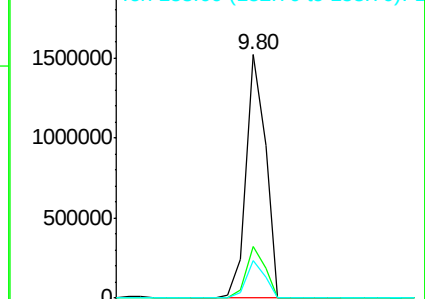
152 100

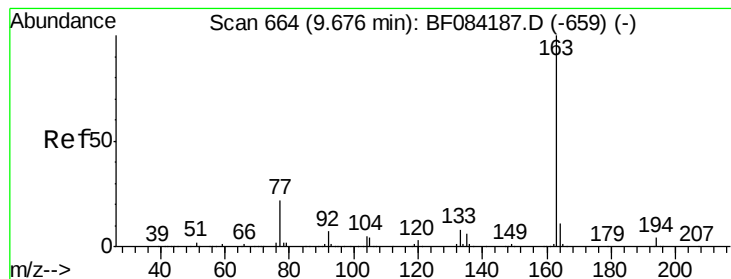
151 21.3 16.3 24.5

153 15.3 10.4 15.6



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





#49

Dimethylphthalate

Concen: 36.19 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampled :

PB87590BS

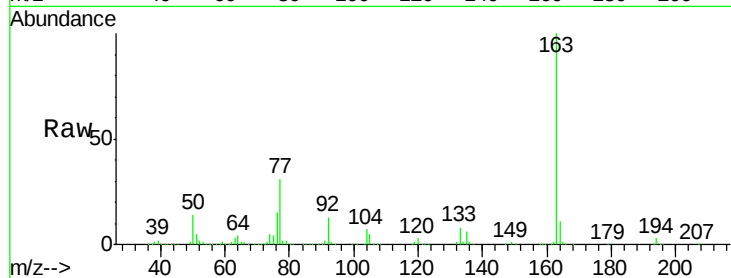
Tgt Ion:163 Resp: 1410592

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

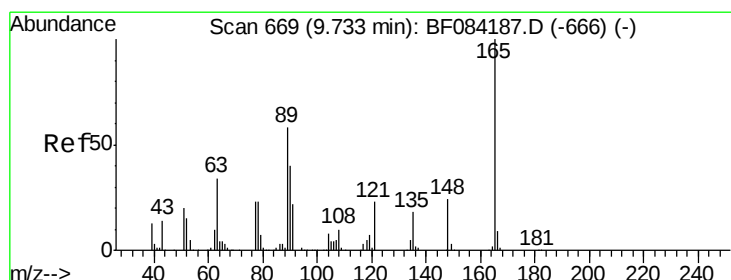
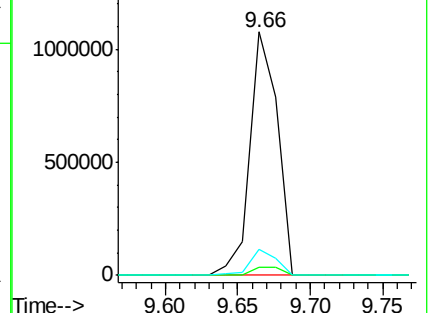
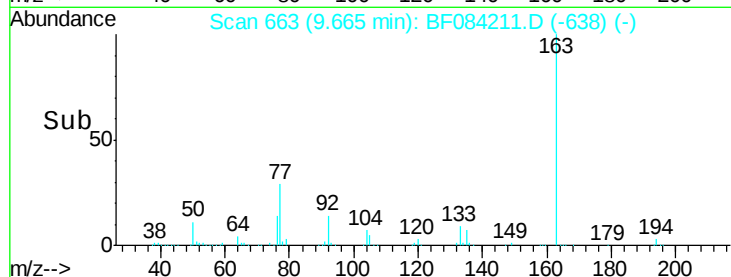
164 10.9 8.0 12.0



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: 38.05 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

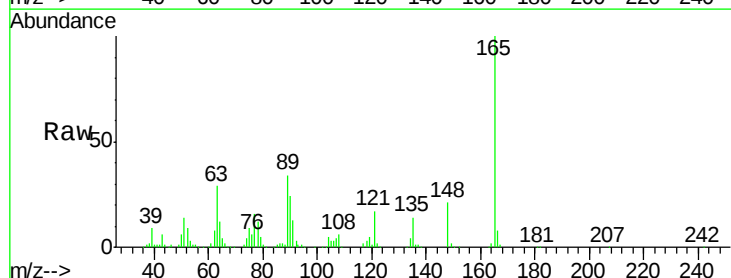
Tgt Ion:165 Resp: 325262

Ion Ratio Lower Upper

165 100

63 29.5 28.8 43.2

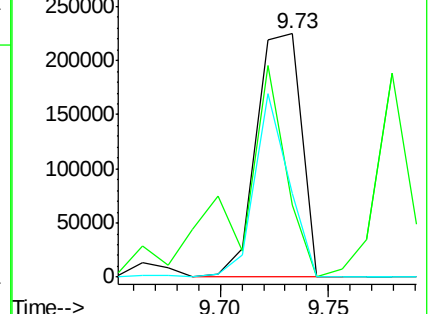
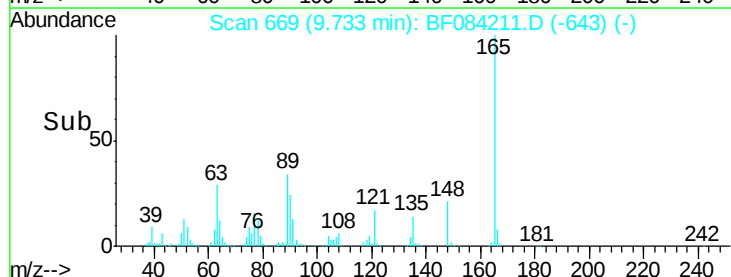
89 34.2 35.1 52.7#

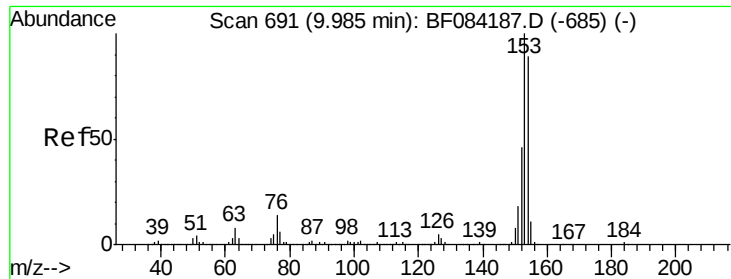


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.50 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

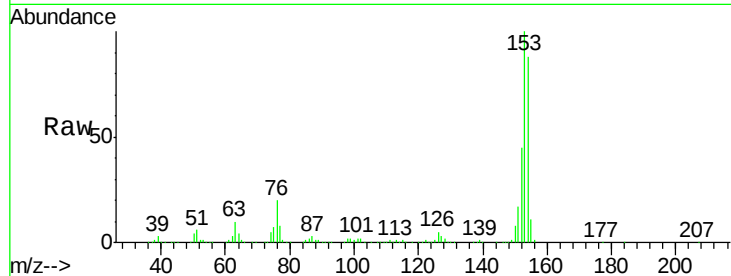
Tgt Ion:154 Resp: 1365925

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

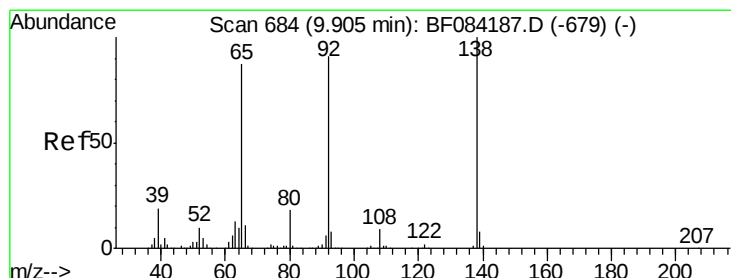
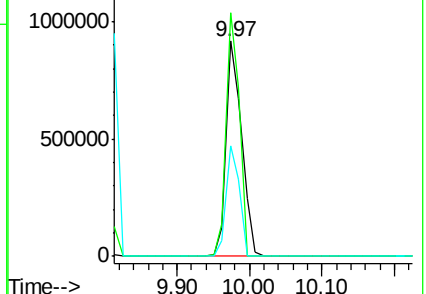
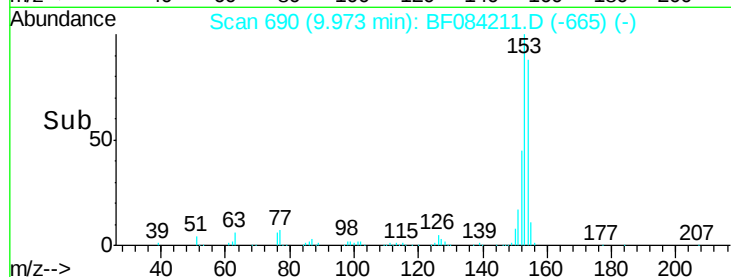
152 51.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.17 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

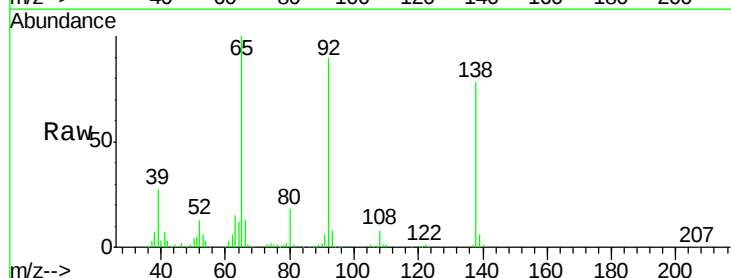
Tgt Ion:138 Resp: 234808

Ion Ratio Lower Upper

138 100

108 10.5 10.5 15.7

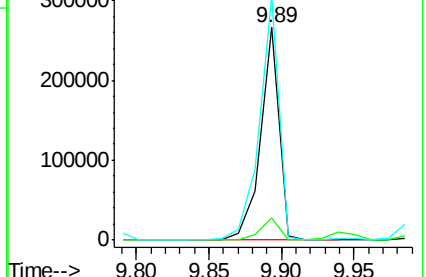
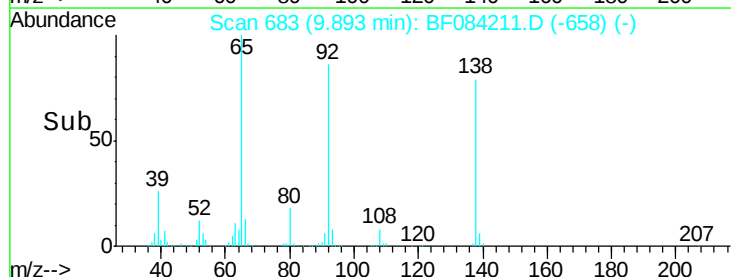
92 114.5 103.9 155.9

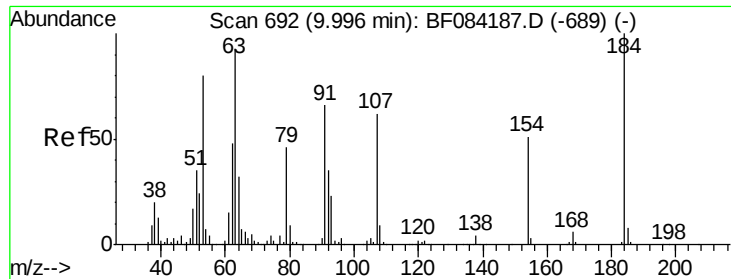


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

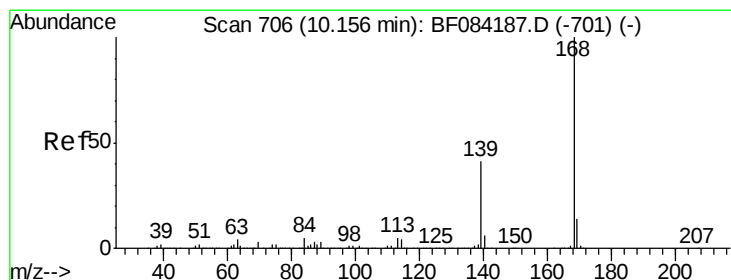
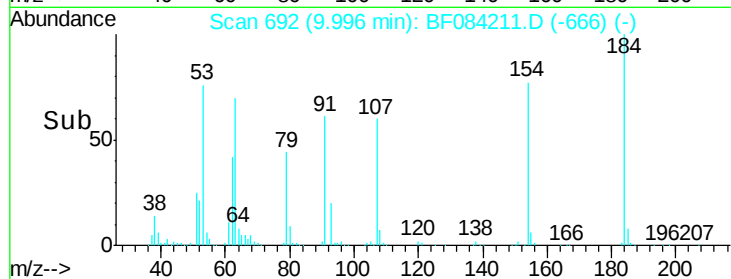
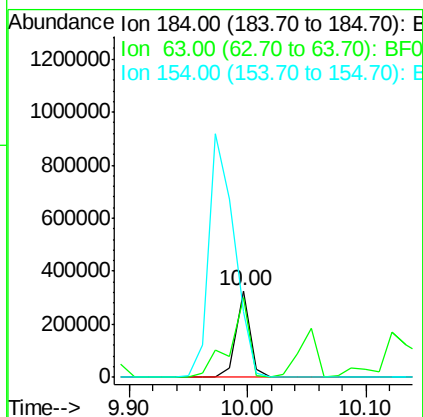
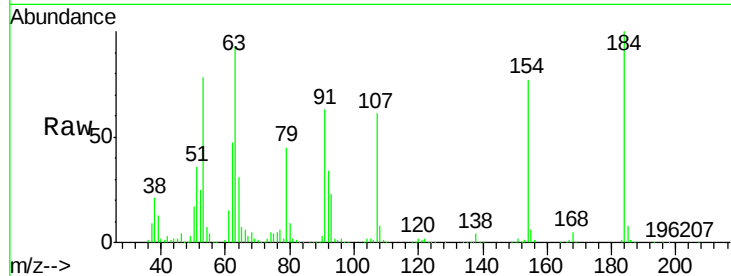




#53
2,4-Dinitrophenol
Concen: 75.37 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

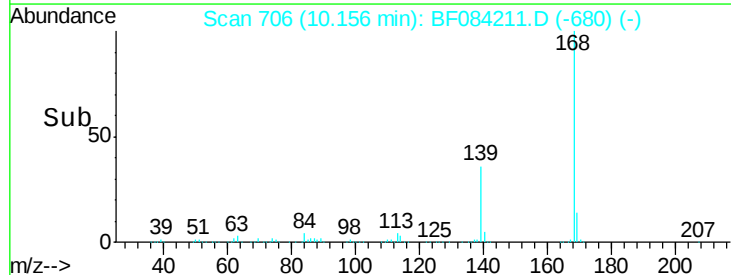
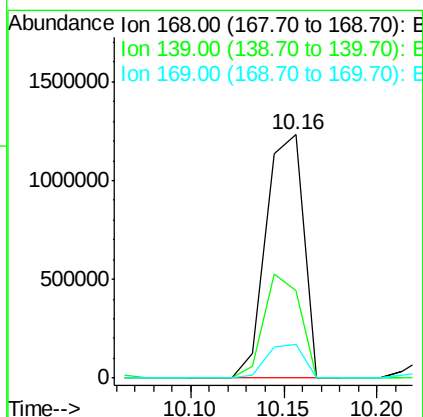
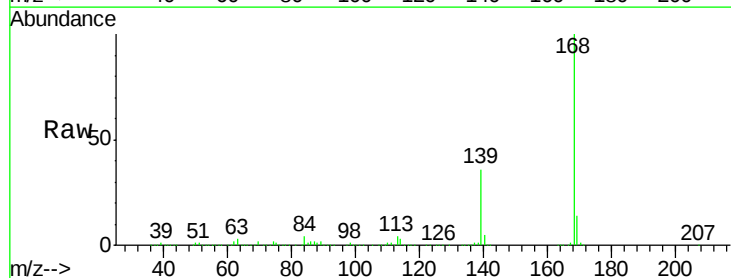
Instrument :
BNA_F
ClientSampleId :
PB87590BS

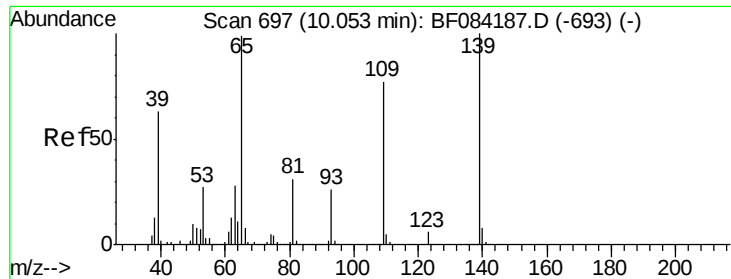
Tgt Ion:184 Resp: 273661
Ion Ratio Lower Upper
184 100
63 92.8 43.1 64.7#
154 76.7 60.5 90.7



#54
Dibenzofuran
Concen: 38.85 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:168 Resp: 1714764
Ion Ratio Lower Upper
168 100
139 36.1 30.5 45.7
169 13.7 10.4 15.6

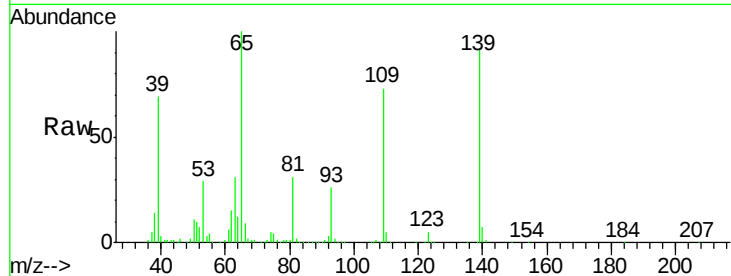




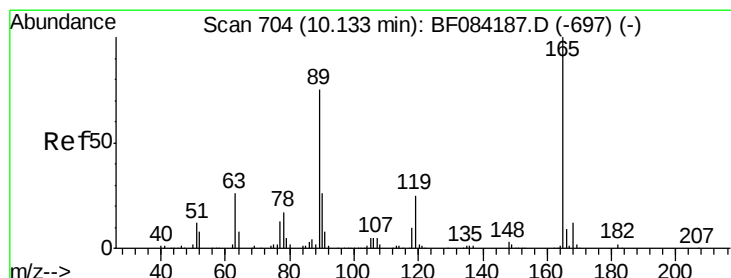
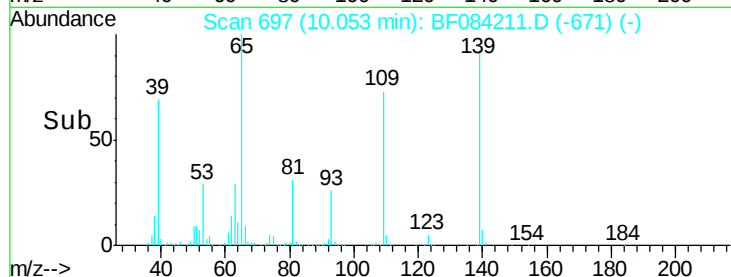
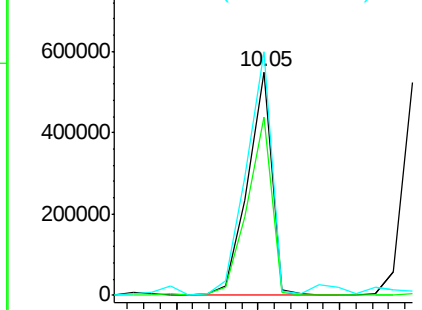
#55
4-Nitrophenol
Concen: 74.16 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:139 Resp: 570190
Ion Ratio Lower Upper
139 100
109 79.8 58.5 98.5
65 109.0 57.6 97.6#

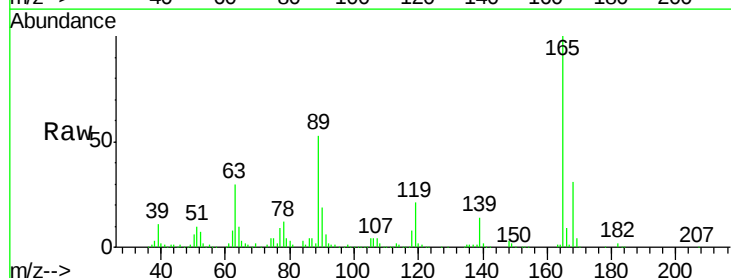


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

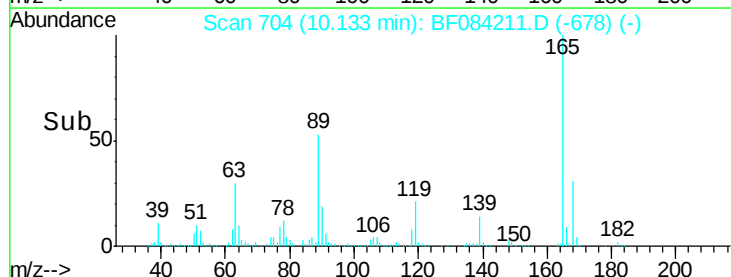
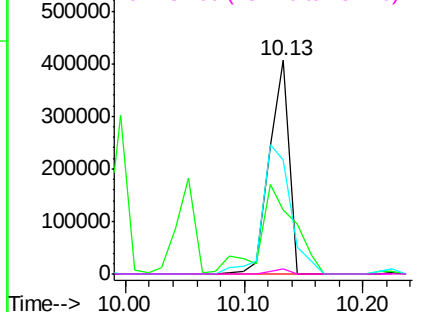


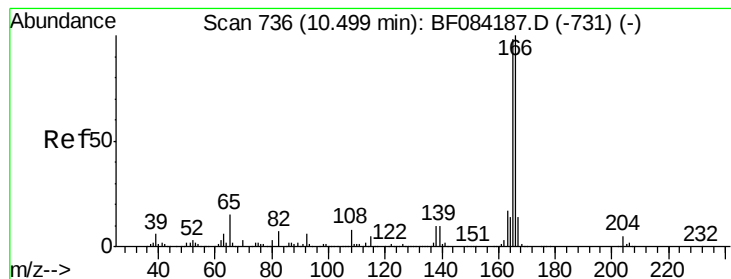
#56
2,4-Dinitrotoluene
Concen: 43.12 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:165 Resp: 466520
Ion Ratio Lower Upper
165 100
63 29.9 36.7 55.1#
89 53.3 61.9 92.9#
182 2.2 2.0 3.0



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





#57

Fluorene

Concen: 36.02 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

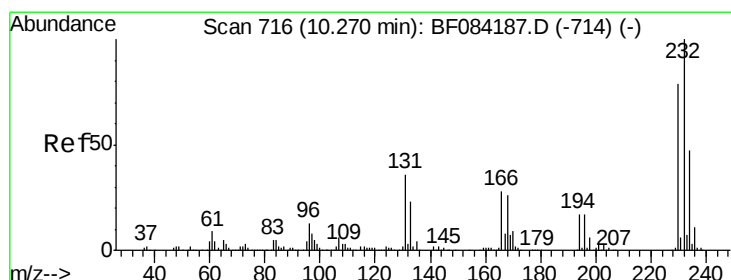
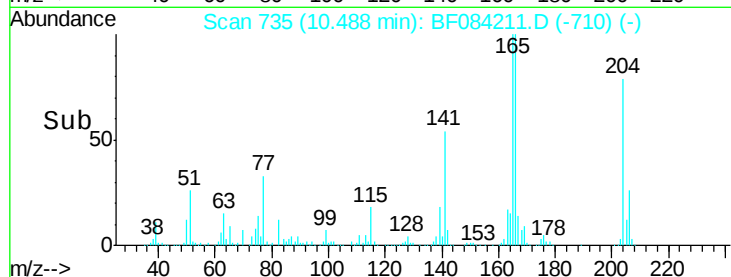
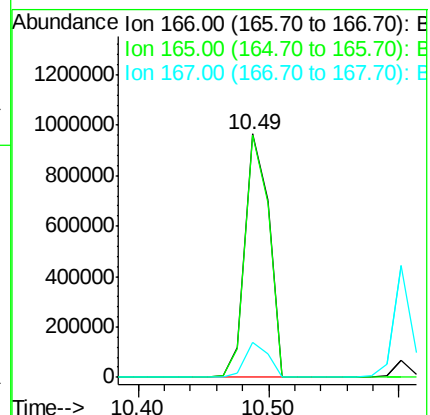
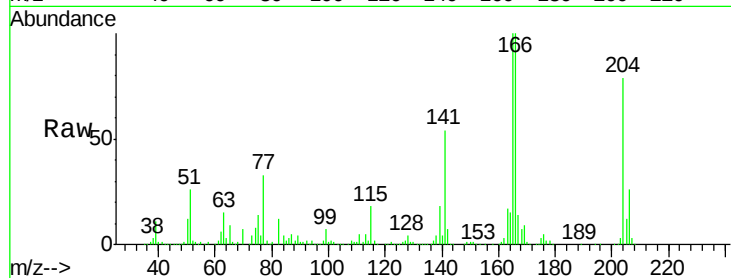
Tgt Ion:166 Resp: 1232937

Ion Ratio Lower Upper

166 100

165 99.7 79.1 118.7

167 14.4 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.02 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Tgt Ion:232 Resp: 355251

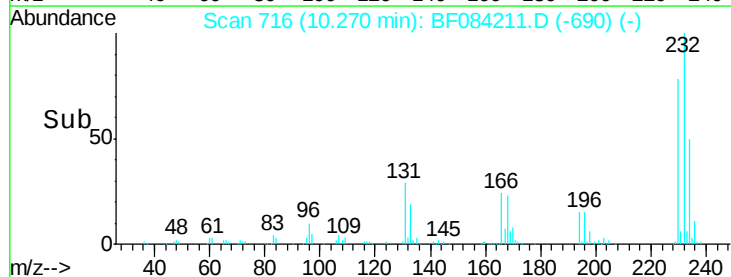
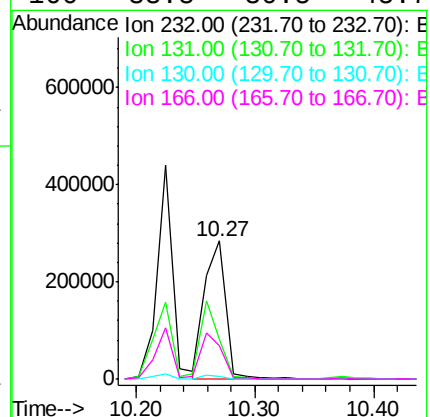
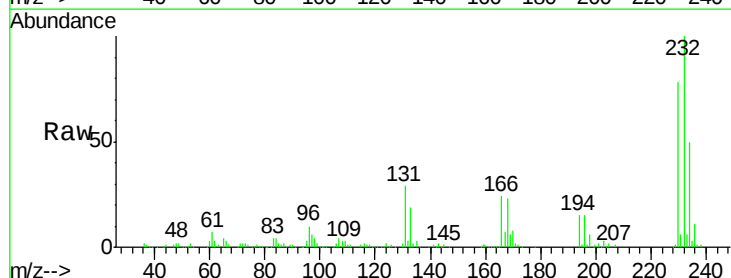
Ion Ratio Lower Upper

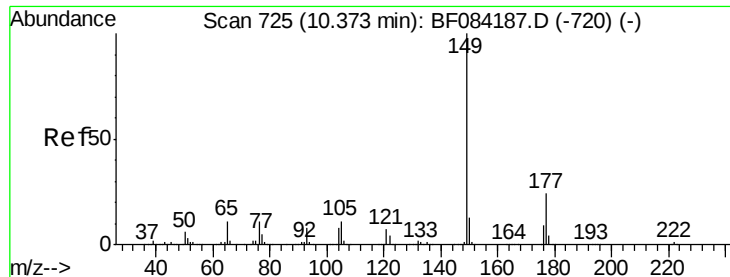
232 100

131 51.2 47.0 70.6

130 2.5 2.0 3.0

166 33.8 30.5 45.7

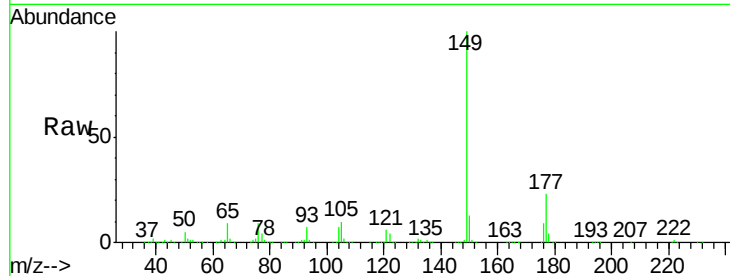




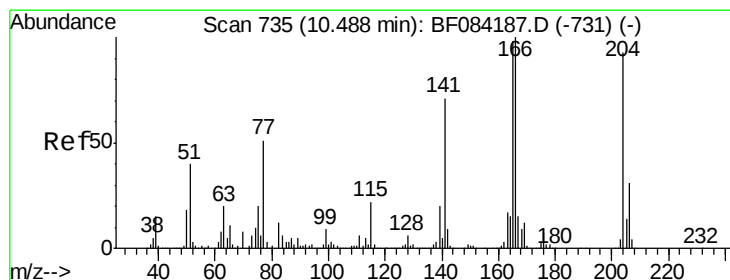
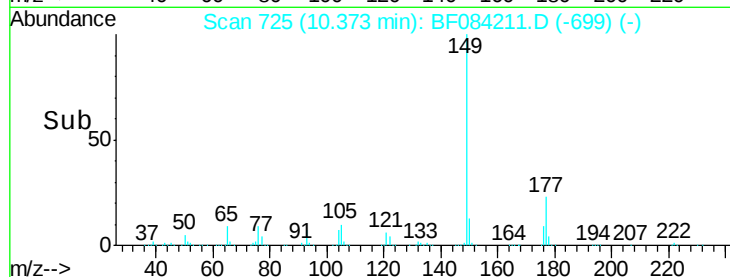
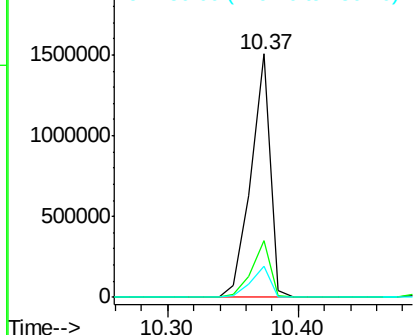
#59
Diethylphthalate
Concen: 40.38 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:149 Resp: 1551751
Ion Ratio Lower Upper
149 100
177 23.2 17.3 25.9
150 12.9 9.8 14.8

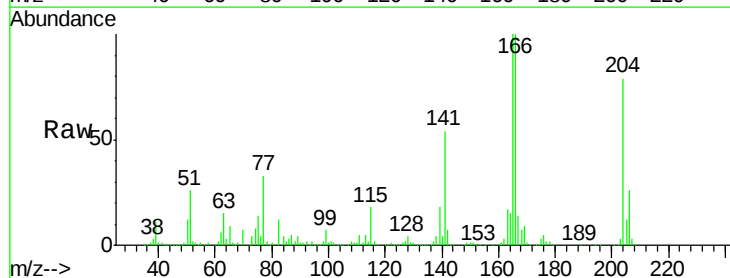


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

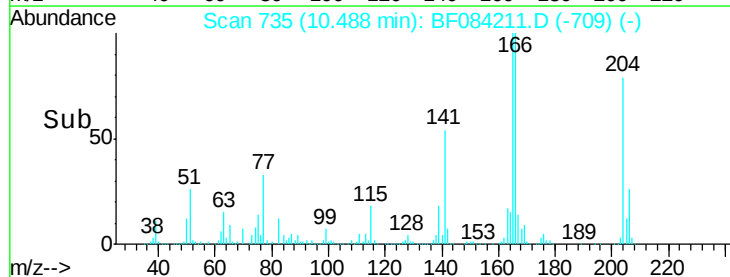
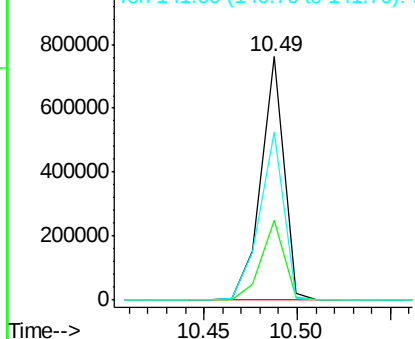


#60
4-Chlorophenyl-phenylether
Concen: 45.50 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:204 Resp: 647218
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 68.9 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

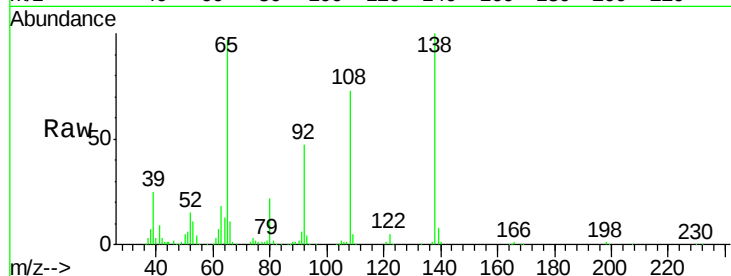




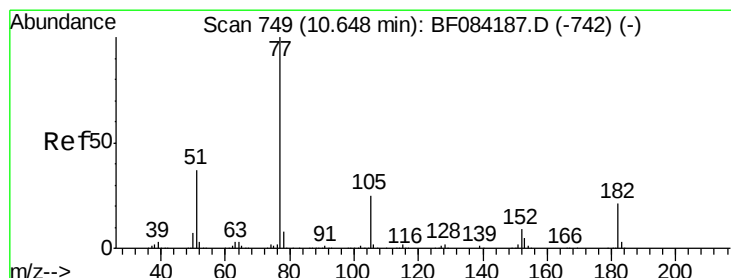
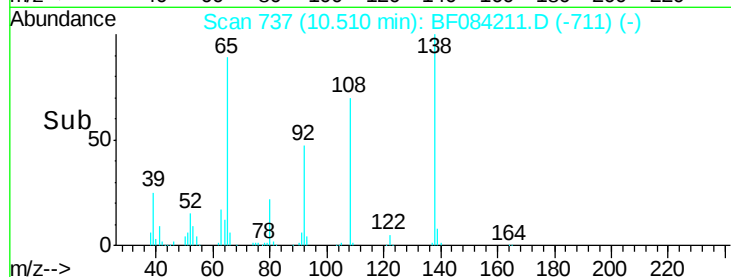
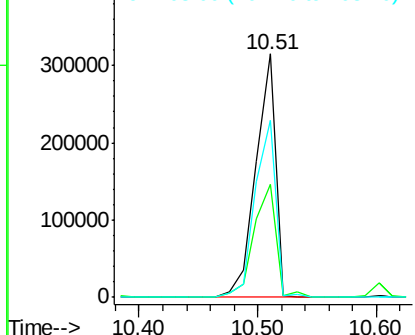
#61
4-Nitroaniline
Concen: 39.08 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:138 Resp: 368998
Ion Ratio Lower Upper
138 100
92 46.7 32.6 72.6
108 72.5 68.6 108.6

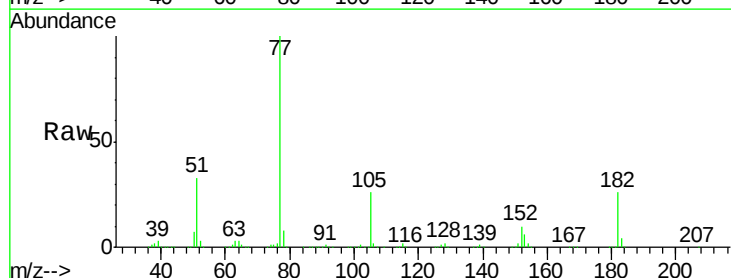


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

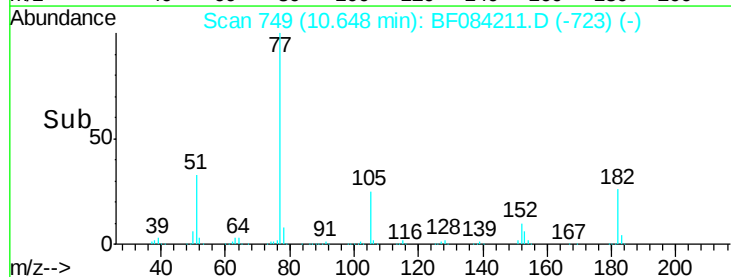
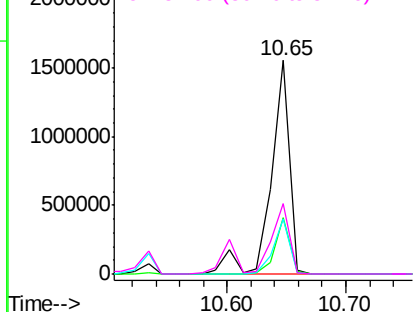


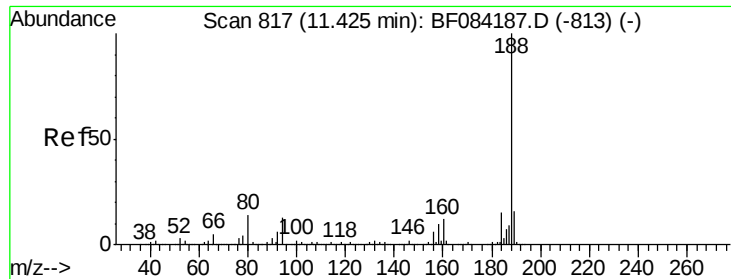
#62
Azobenzene
Concen: 40.01 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion: 77 Resp: 1686339
Ion Ratio Lower Upper
77 100
182 26.1 8.3 48.3
105 25.6 4.6 44.6
51 33.2 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

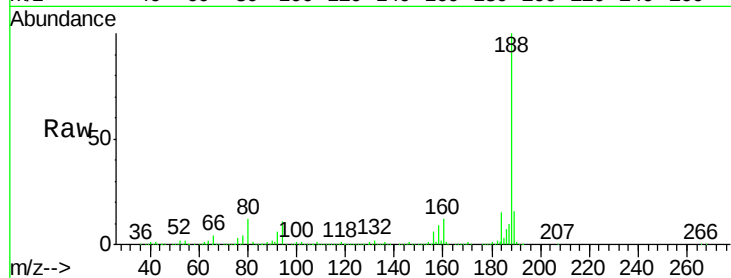




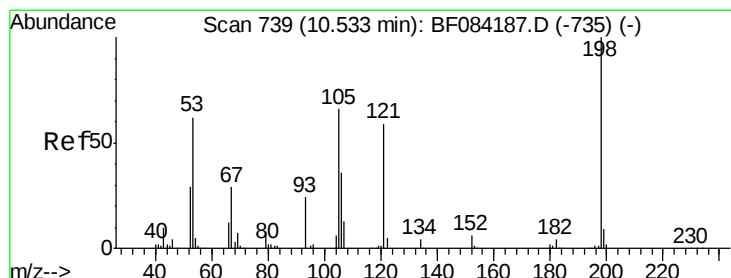
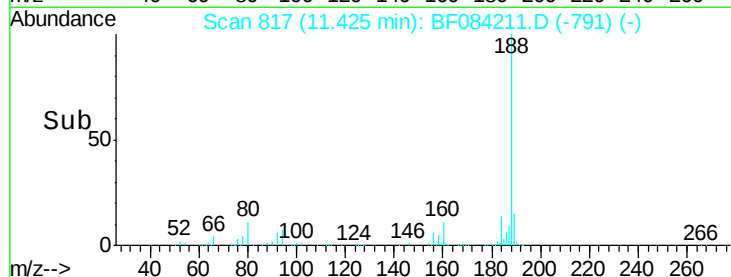
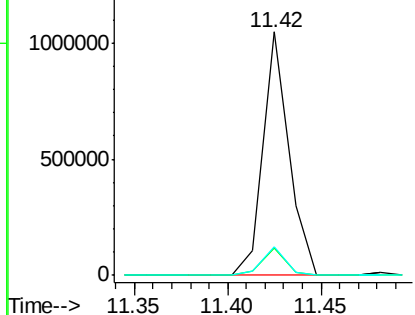
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:188 Resp: 999951
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.4
80 12.0 9.6 14.4

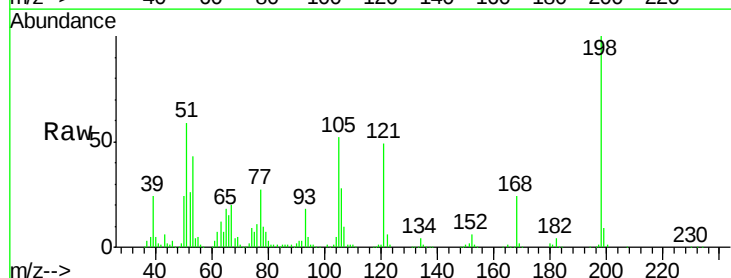


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

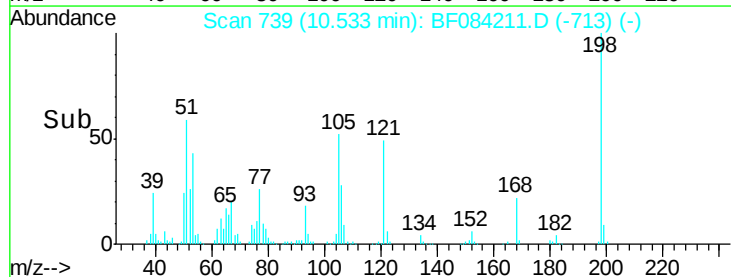
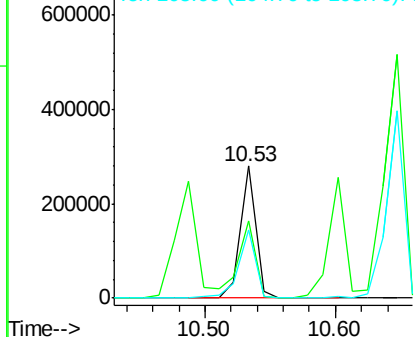


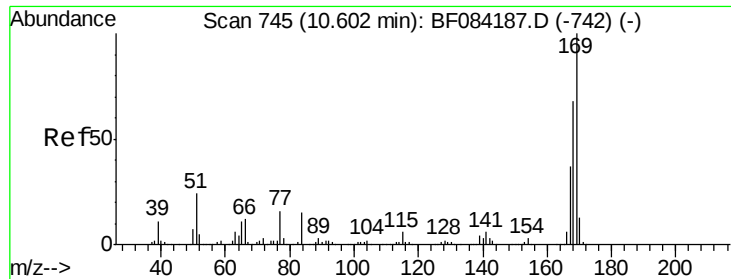
#64
4,6-Dinitro-2-methylphenol
Concen: 37.19 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:198 Resp: 226994
Ion Ratio Lower Upper
198 100
51 58.7 18.9 58.9
105 52.1 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

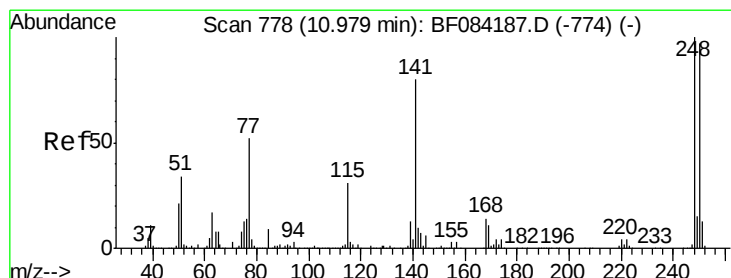
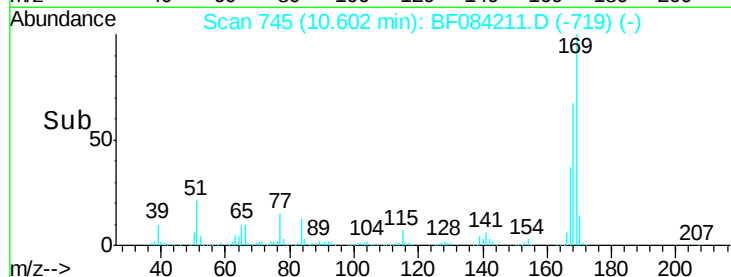
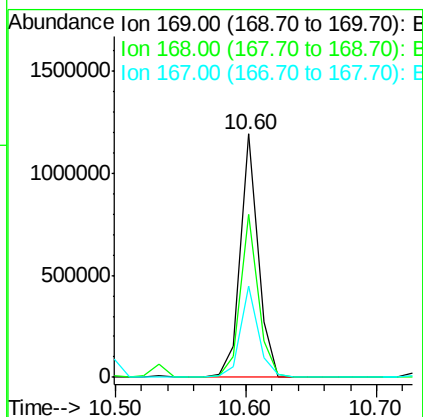
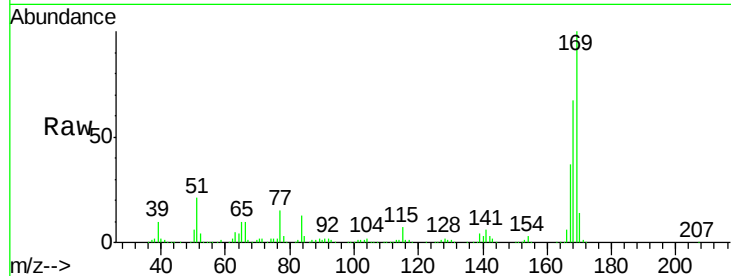




#65
 n-Nitrosodiphenylamine
 Concen: 35.07 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

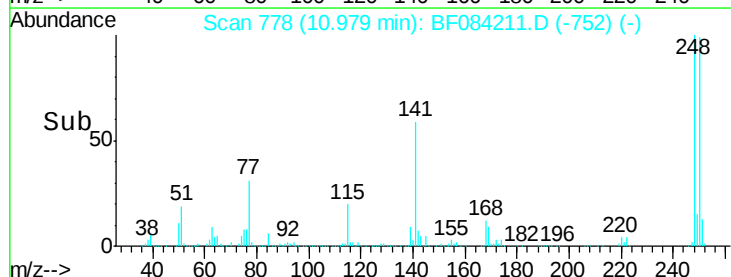
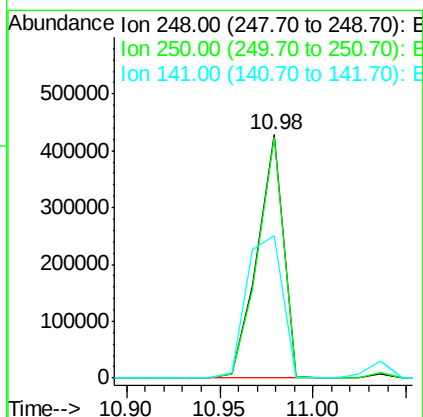
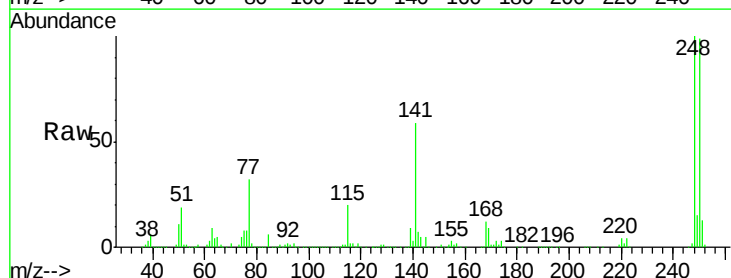
Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

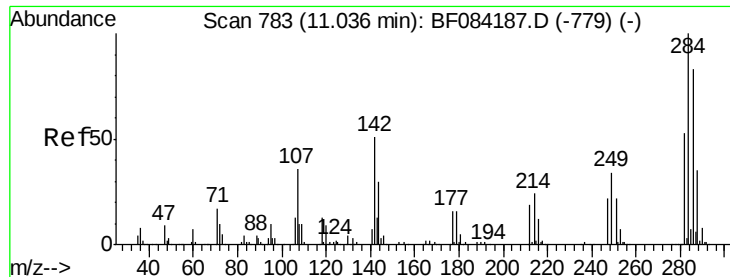
Tgt Ion:169 Resp: 1121242
 Ion Ratio Lower Upper
 169 100
 168 67.2 55.1 82.7
 167 37.3 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 38.45 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:248 Resp: 413874
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.4 117.6
 141 58.6 44.0 66.0

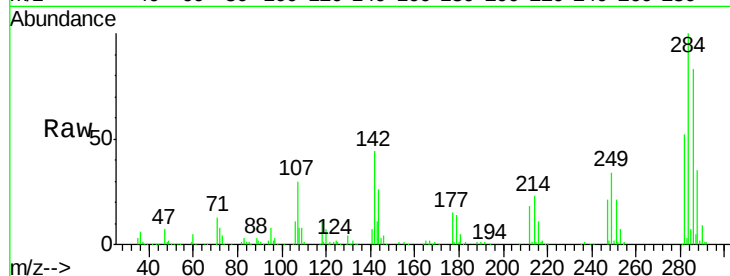




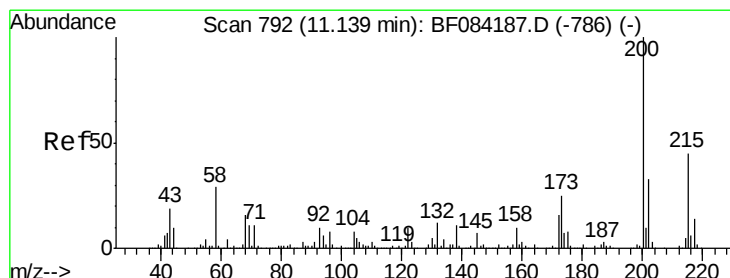
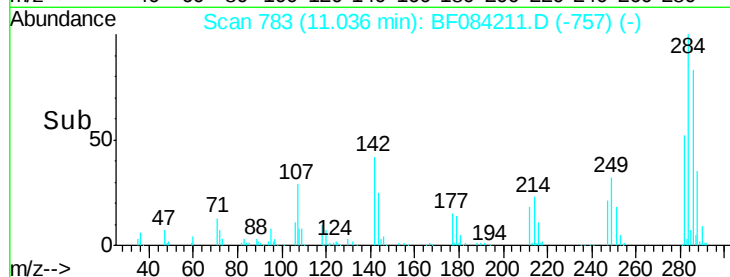
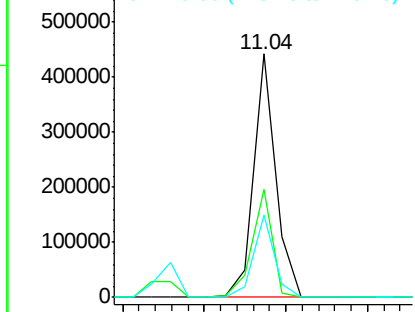
#67
Hexachlorobenzene
Concen: 34.15 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:284 Resp: 413647
Ion Ratio Lower Upper
284 100
142 44.3 22.2 33.4#
249 33.6 24.6 37.0

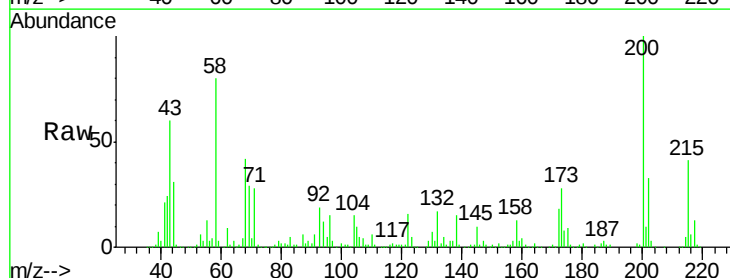


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

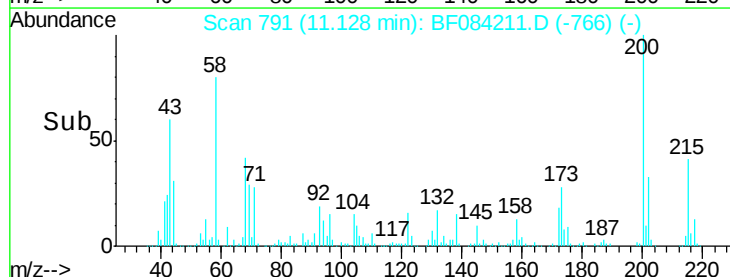
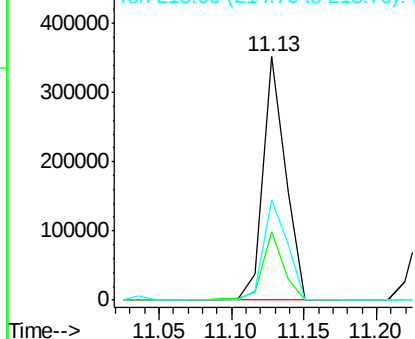


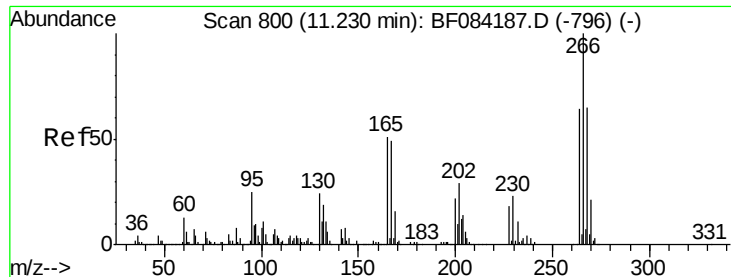
#68
Atrazine
Concen: 36.14 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:200 Resp: 378131
Ion Ratio Lower Upper
200 100
173 28.1 9.5 49.5
215 41.2 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

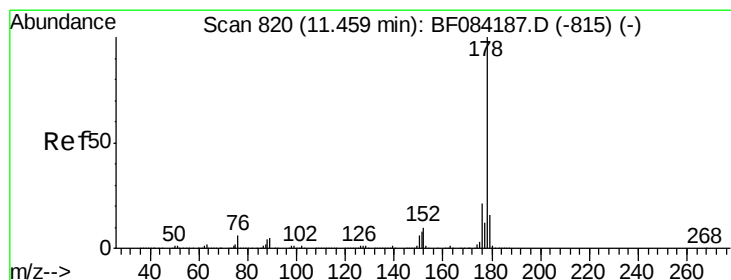
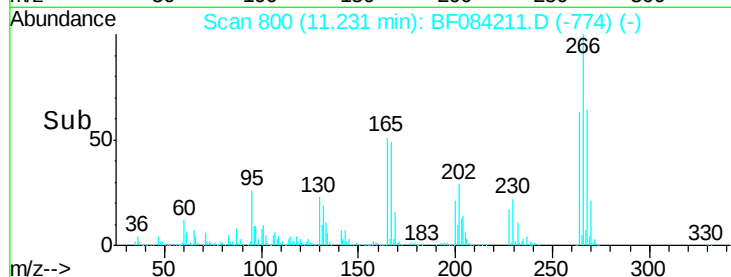
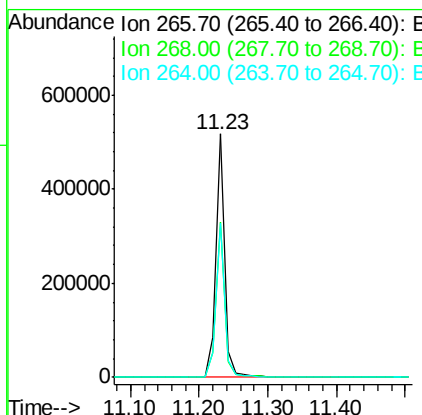
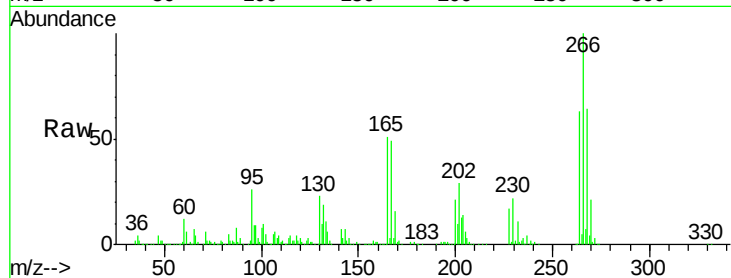




#69
 Pentachlorophenol
 Concen: 75.39 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

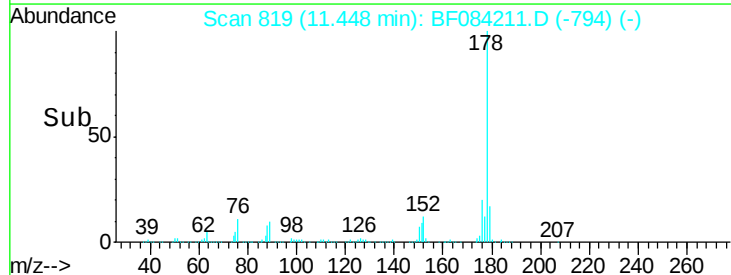
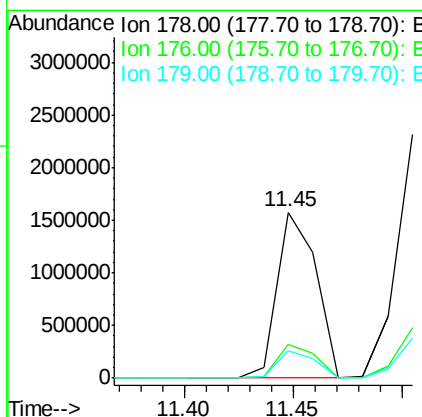
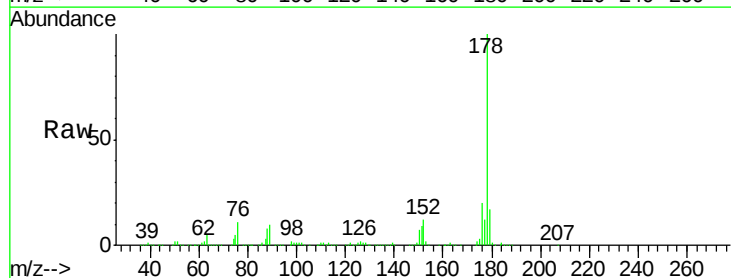
Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

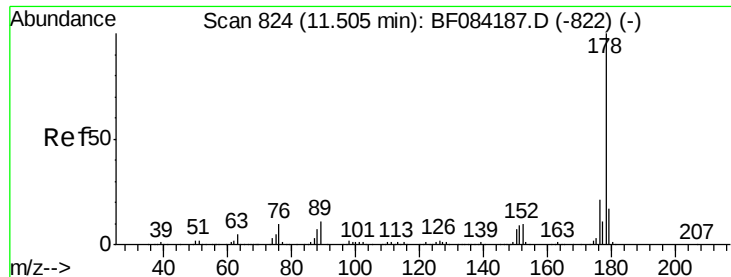
Tgt Ion:266 Resp: 473505
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.4 78.6
 264 63.1 50.2 75.2



#70
 Phenanthrene
 Concen: 37.70 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:178 Resp: 1971677
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.7 12.0 18.0

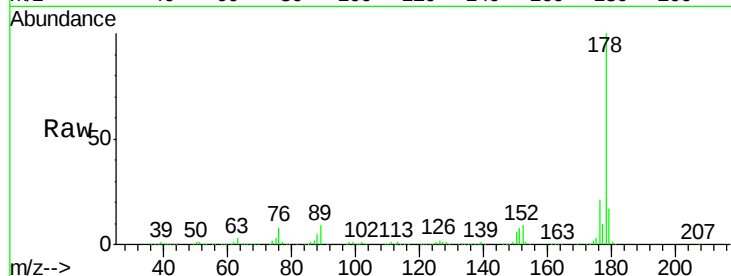




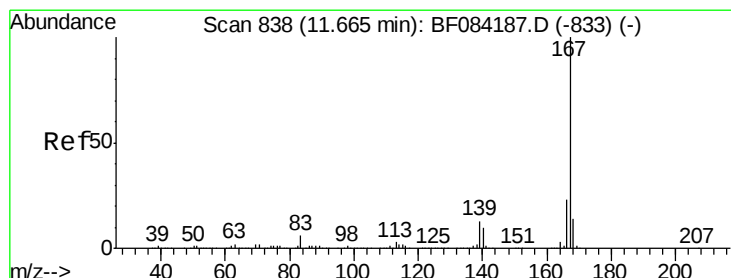
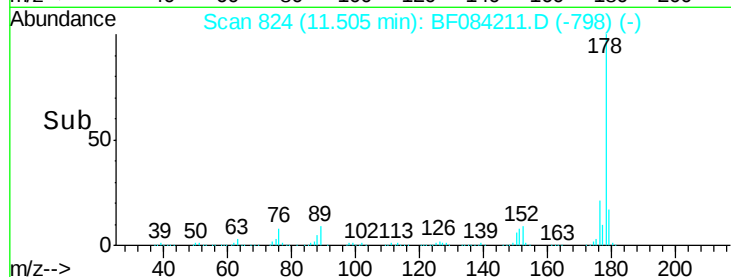
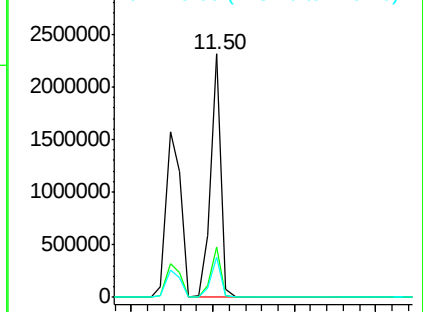
#71
 Anthracene
 Concen: 40.33 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion:178 Resp: 2068072
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.4 23.0
 179 16.7 12.5 18.7

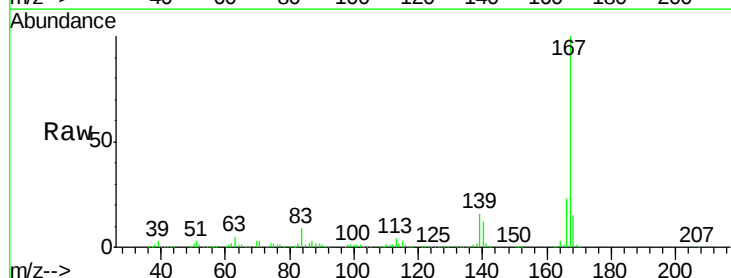


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

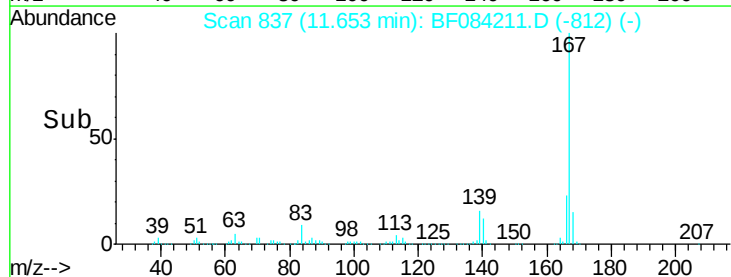
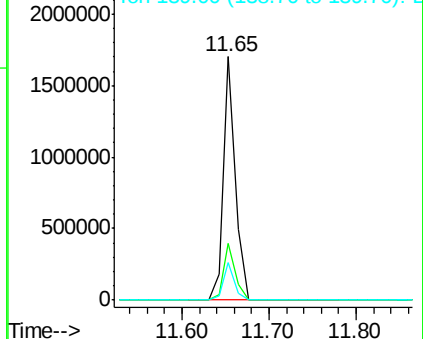


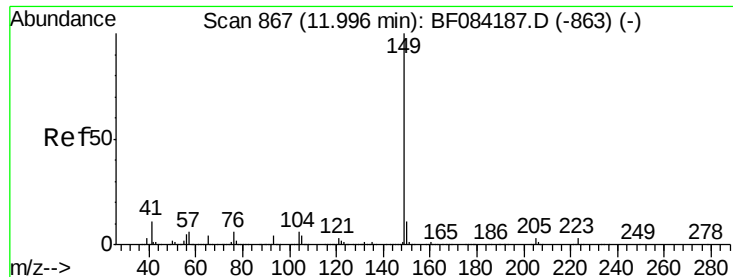
#72
 Carbazole
 Concen: 32.73 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:167 Resp: 1640726
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.6 26.4
 139 15.6 11.8 17.8



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





#73

Di-n-butylphthalate

Concen: 42.37 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

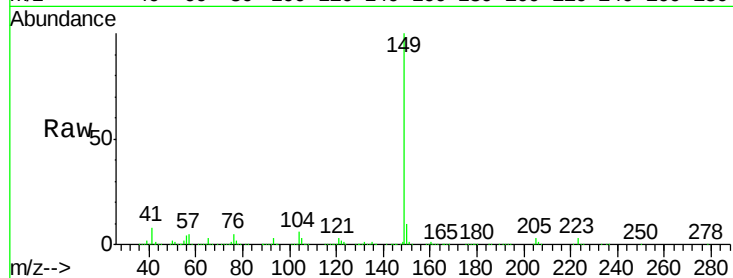
Tgt Ion:149 Resp: 2291621

Ion Ratio Lower Upper

149 100

150 10.2 7.1 10.7

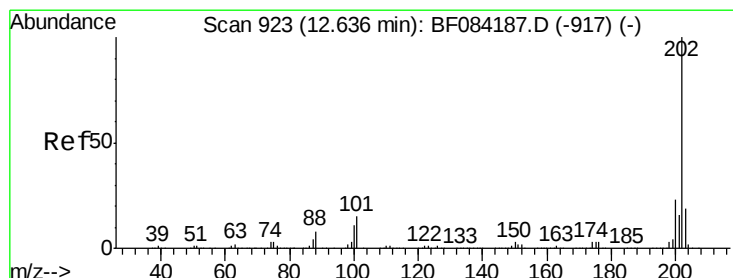
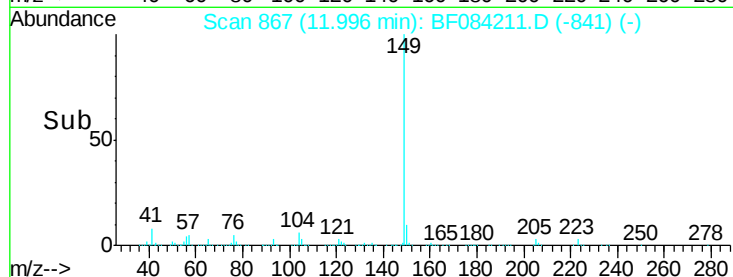
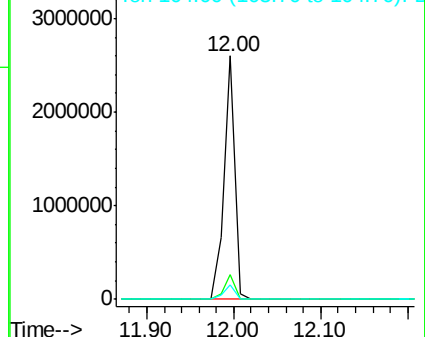
104 5.7 3.2 4.8#



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: 34.94 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

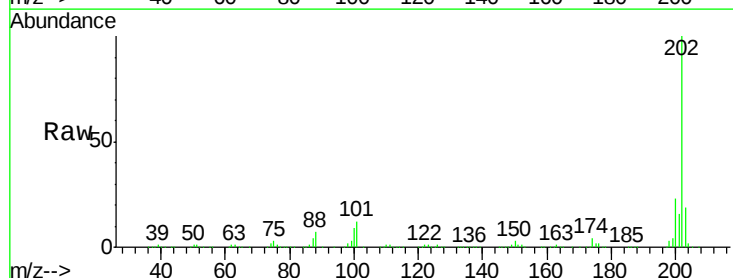
Tgt Ion:202 Resp: 1909383

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.8

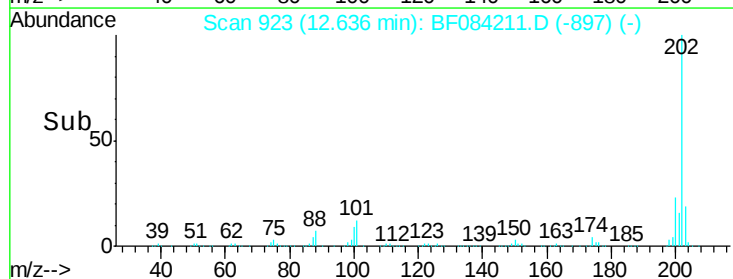
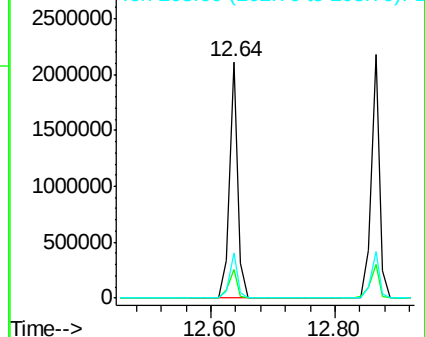
203 19.1 0.0 37.9

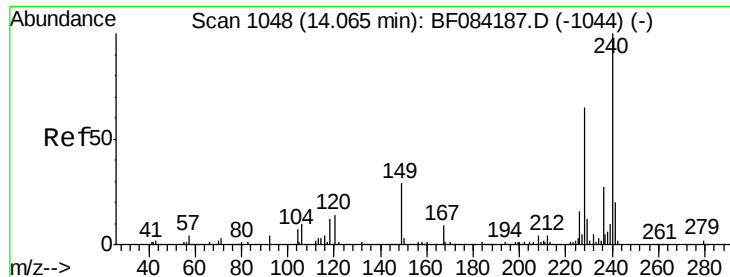


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampled :

PB87590BS

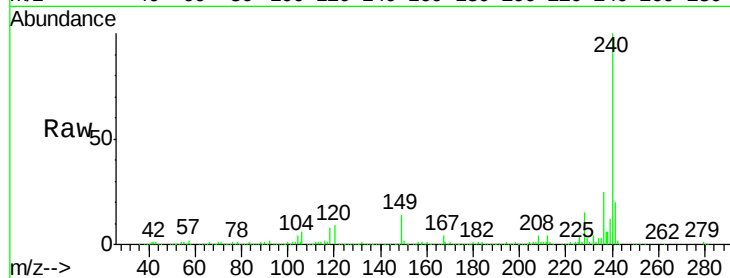
Tgt Ion:240 Resp: 734274

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

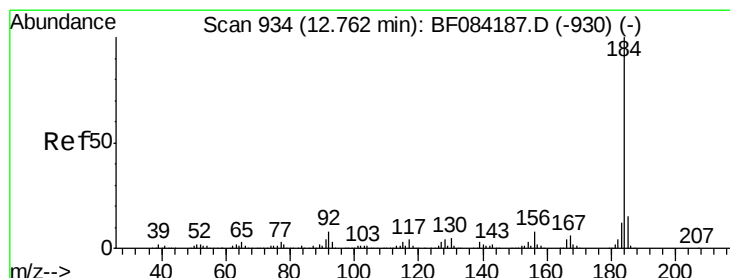
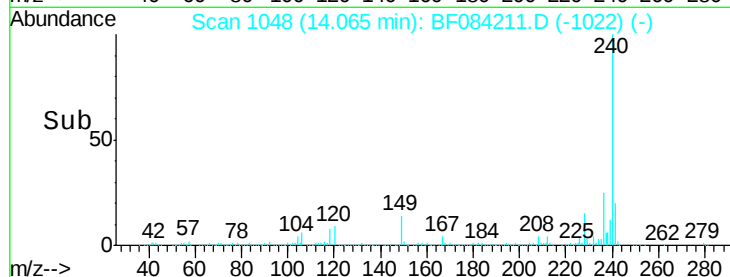
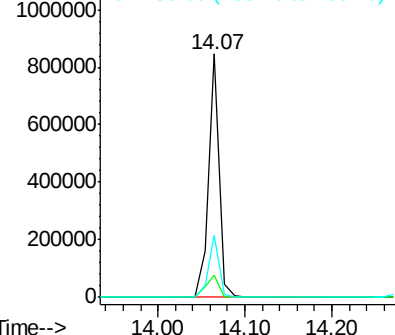
236 25.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.23 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

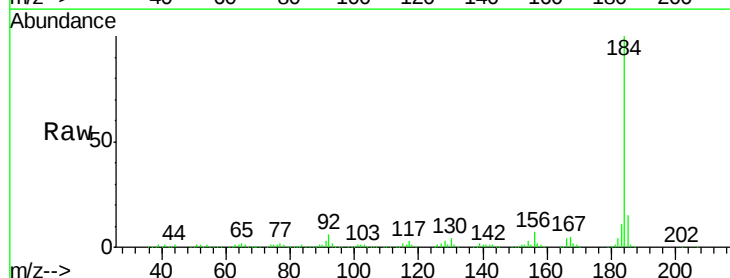
Tgt Ion:184 Resp: 506340

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

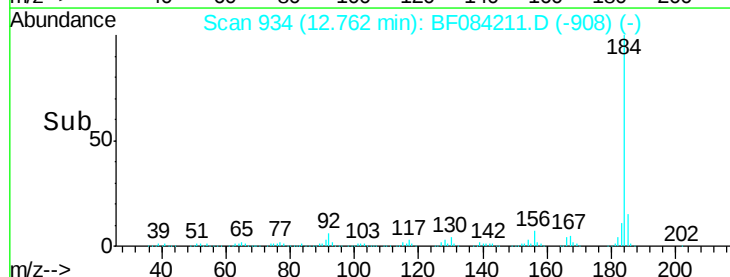
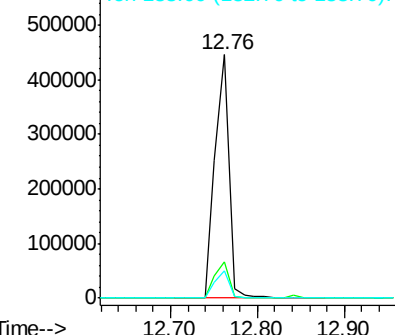
183 11.3 9.8 14.8

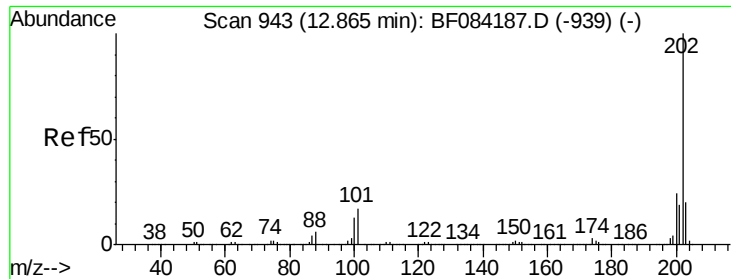


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

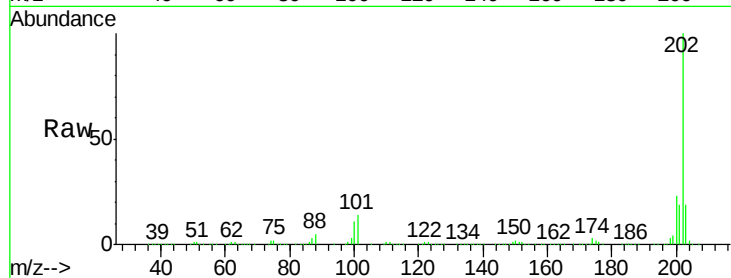




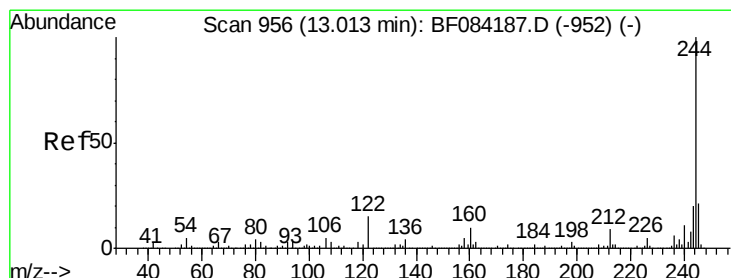
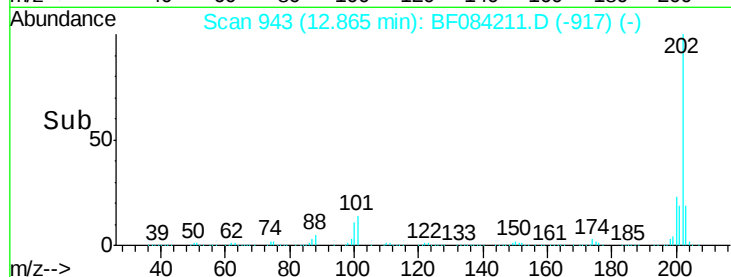
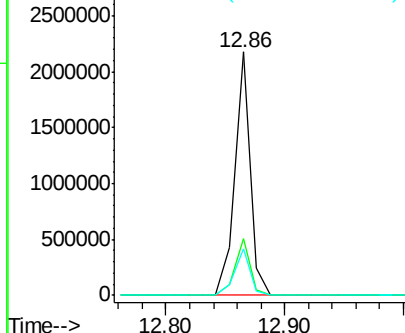
#77
 Pyrene
 Concen: 34.18 ng
 RT: 12.86 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion:202 Resp: 1969477
 Ion Ratio Lower Upper
 202 100
 200 23.2 17.2 25.8
 203 18.9 14.3 21.5

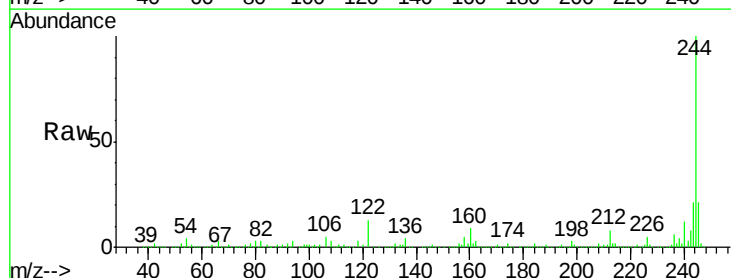


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

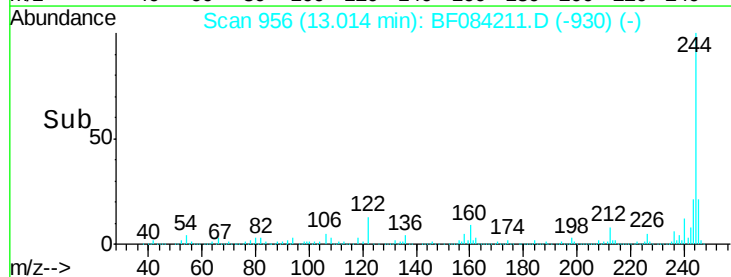
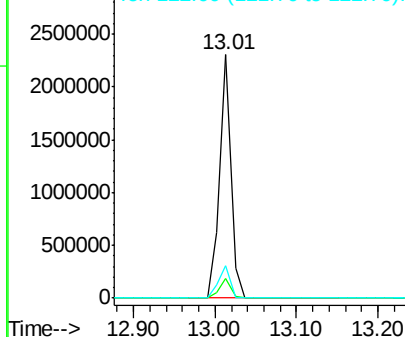


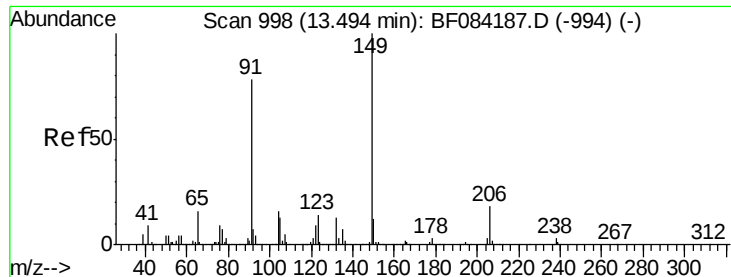
#78
 Terphenyl-d14
 Concen: 67.26 ng
 RT: 13.01 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:244 Resp: 2212431
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 13.2 7.4 11.0#



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

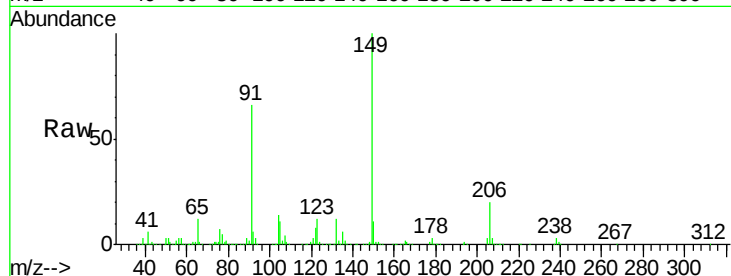




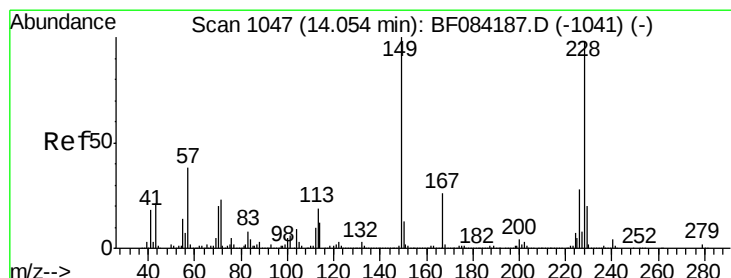
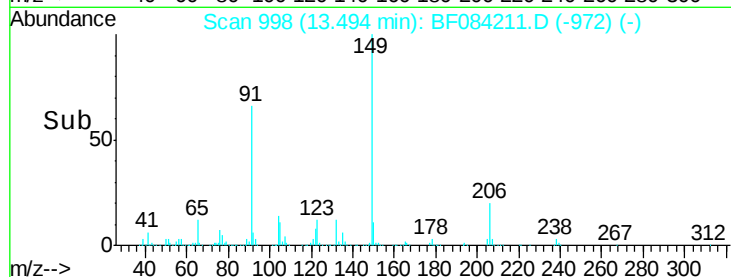
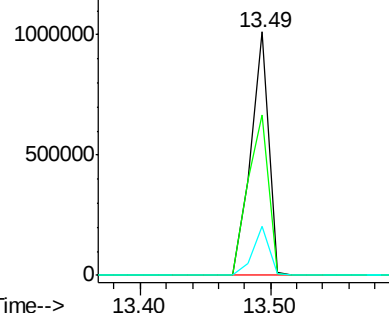
#79
Butylbenzylphthalate
Concen: 39.26 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Instrument :
BNA_F
ClientSampleId :
PB87590BS

Tgt Ion:149 Resp: 979006
Ion Ratio Lower Upper
149 100
91 65.9 57.6 86.4
206 20.4 13.2 19.8#

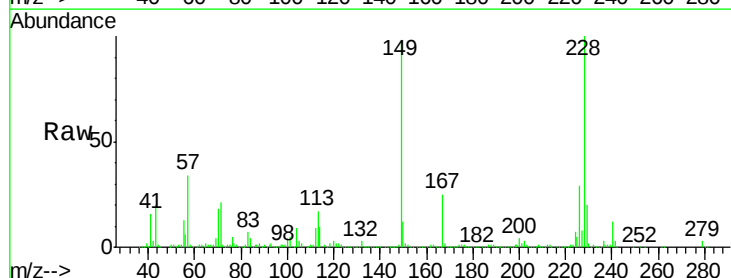


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

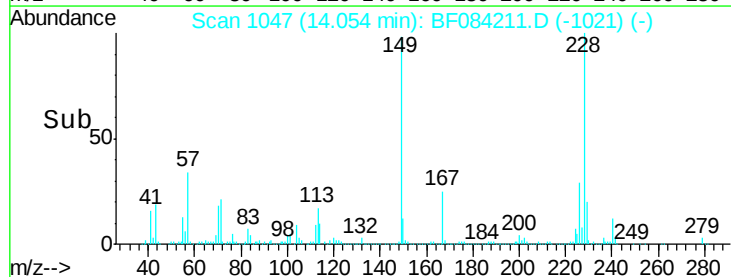
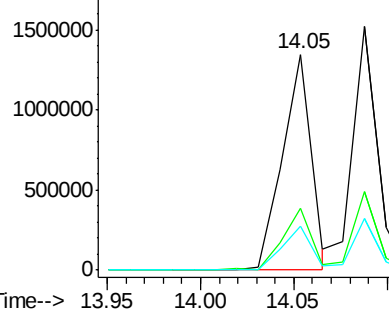


#80
Benzo(a)anthracene
Concen: 33.72 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084211.D
Acq: 31 Dec 2015 22:49

Tgt Ion:228 Resp: 1453993
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.6
229 20.3 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

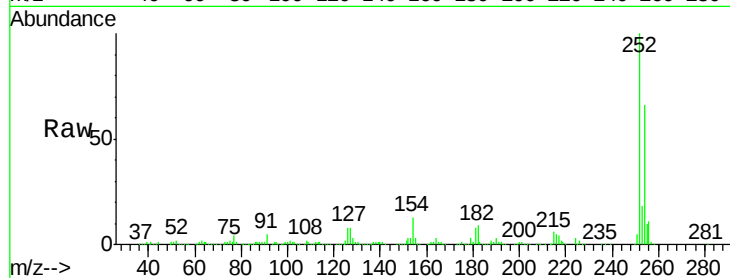




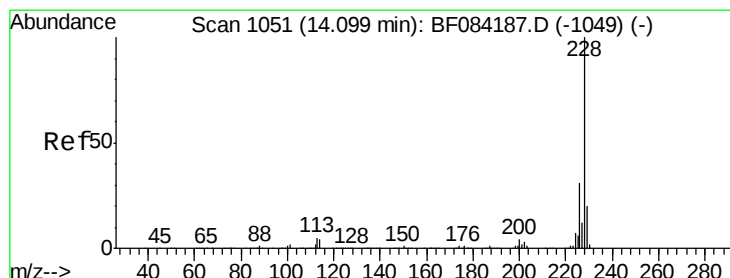
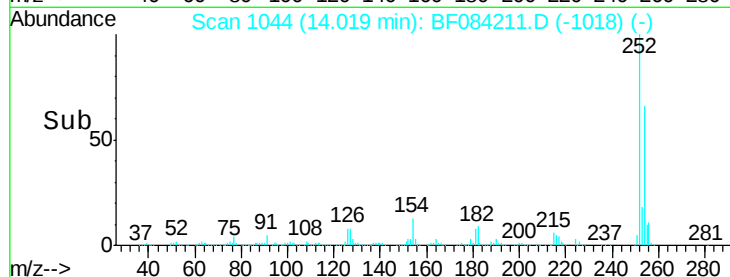
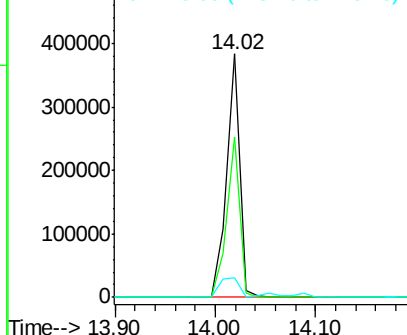
#81
 3,3'-Dichlorobenzidine
 Concen: 23.17 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87590BS

Tgt Ion:252 Resp: 348708
 Ion Ratio Lower Upper
 252 100
 254 66.1 53.5 80.3
 126 7.9 4.9 7.3#

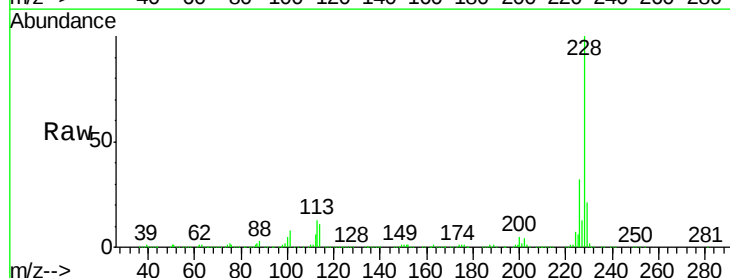


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

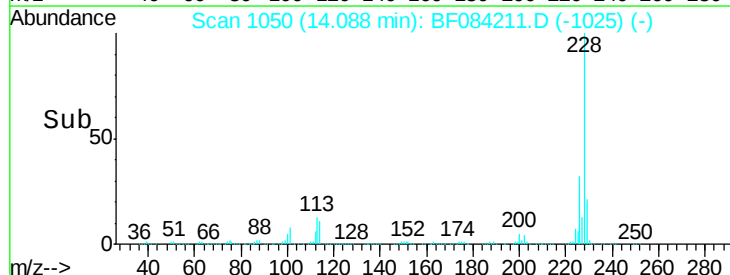
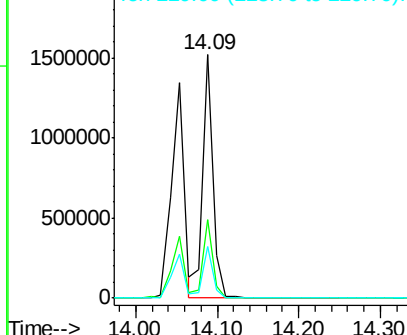


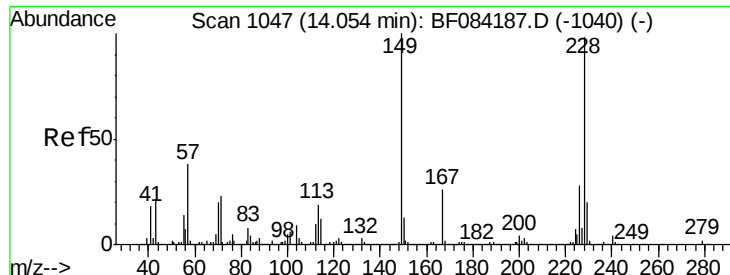
#82
 Chrysene
 Concen: 33.17 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084211.D
 Acq: 31 Dec 2015 22:49

Tgt Ion:228 Resp: 1374349
 Ion Ratio Lower Upper
 228 100
 226 32.0 24.3 36.5
 229 21.3 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: 35.86 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

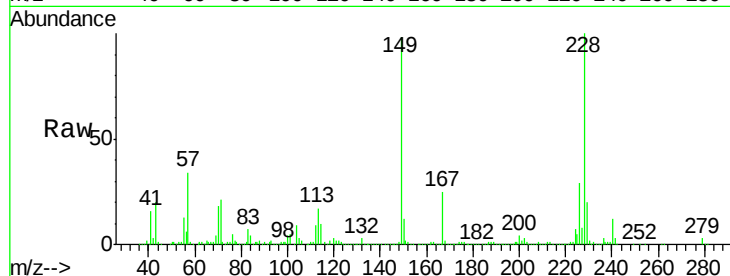
Tgt Ion:149 Resp: 1129742

Ion Ratio Lower Upper

149 100

167 25.8 19.7 29.5

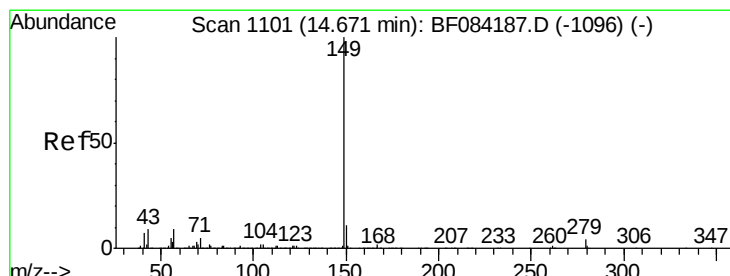
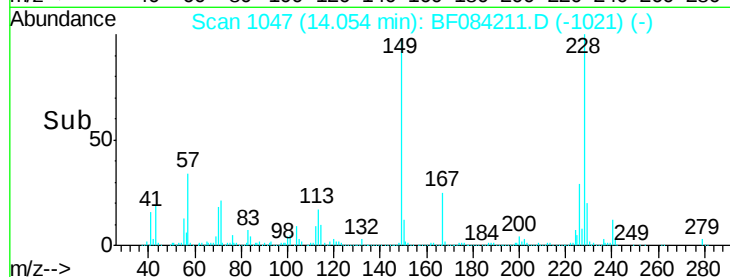
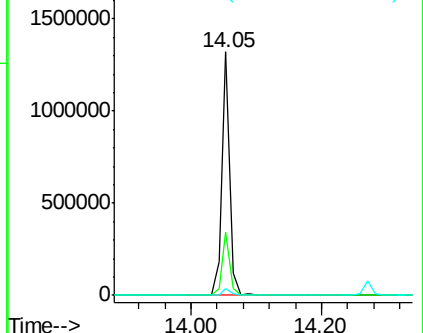
279 2.6 1.8 2.6



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: 33.86 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

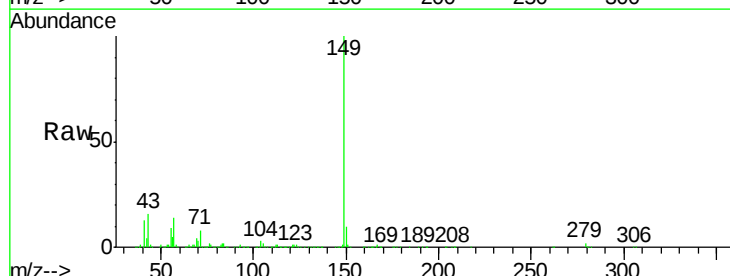
Tgt Ion:149 Resp: 1800658

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

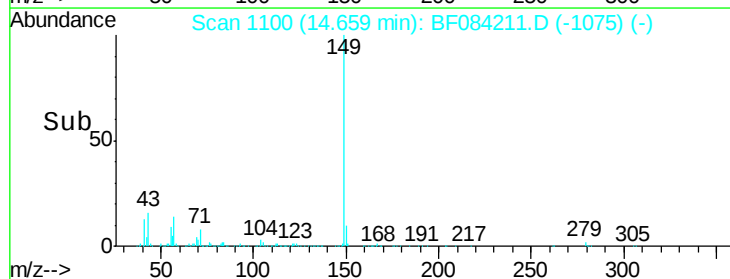
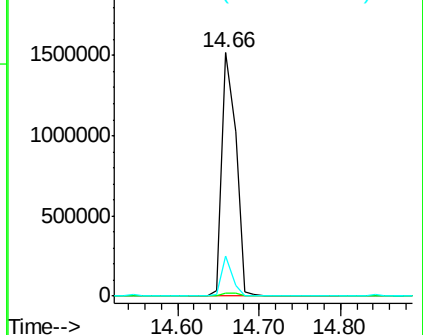
43 12.7 5.6 8.4#

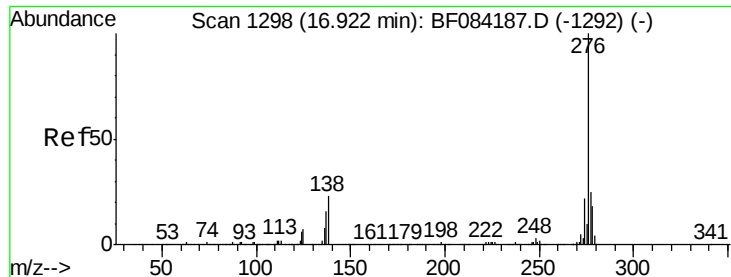


Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.12 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

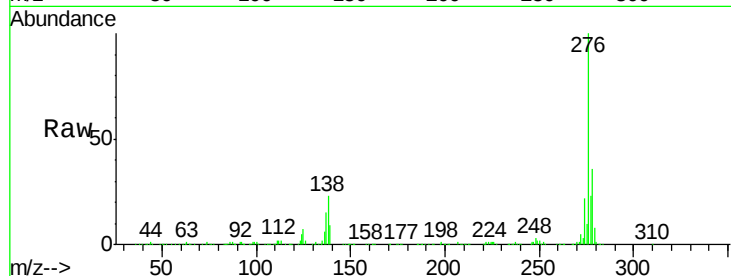
Tgt Ion:276 Resp: 1251803

Ion Ratio Lower Upper

276 100

138 26.2 20.6 30.8

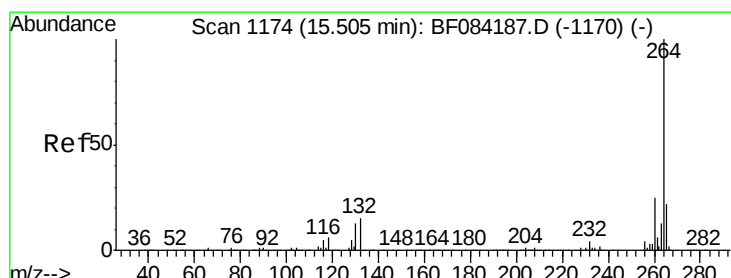
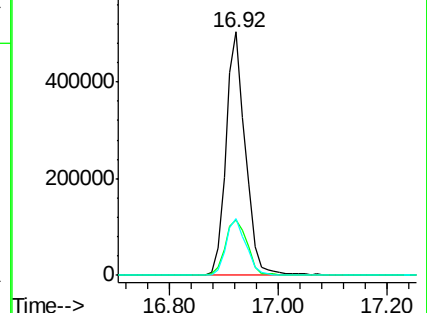
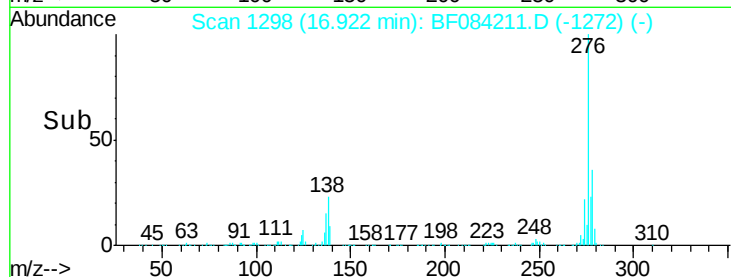
277 24.4 20.1 30.1



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: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

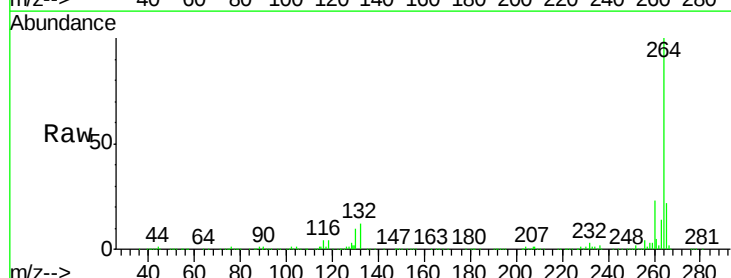
Tgt Ion:264 Resp: 535158

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.2

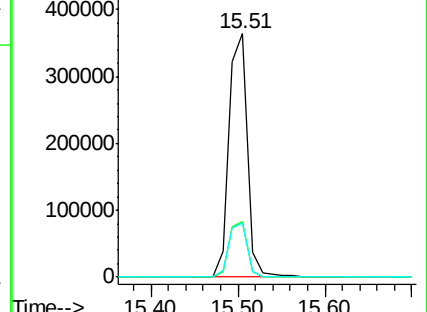
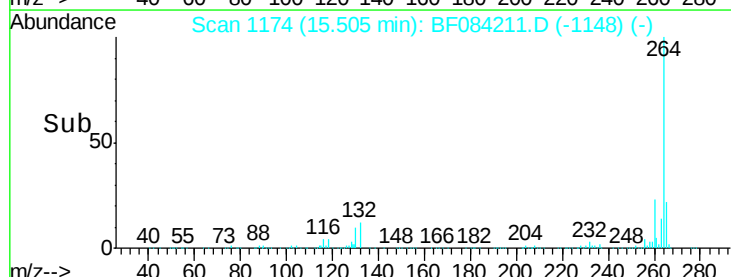
265 22.0 17.8 26.6

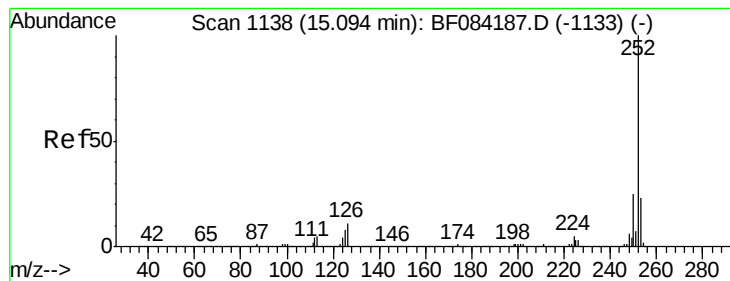


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.80 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

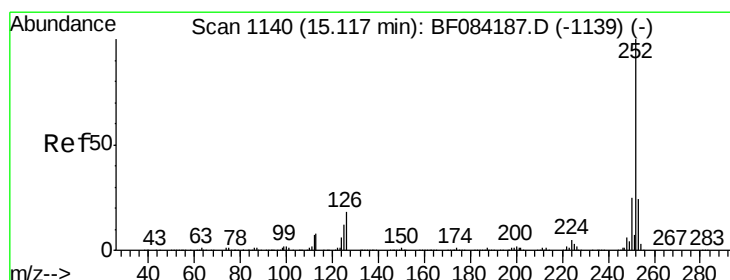
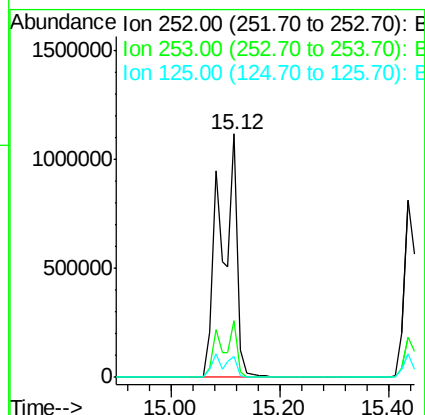
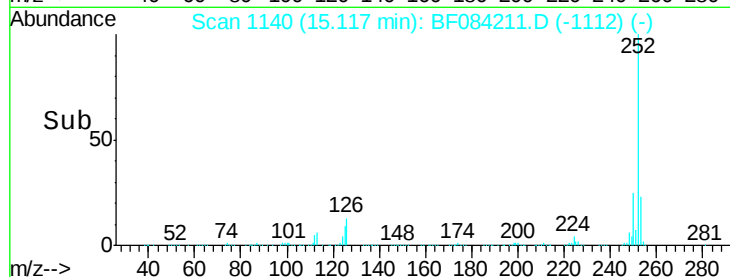
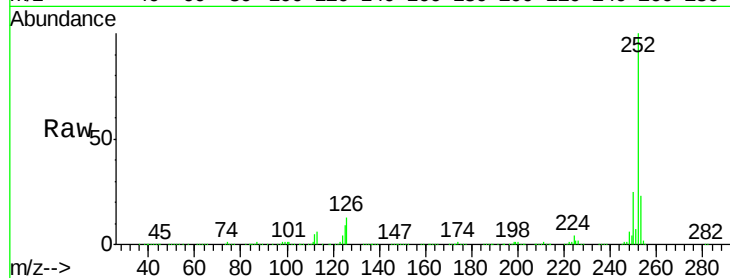
Tgt Ion:252 Resp: 2408553

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 8.7 6.5 9.7



#88

Benzo(k)fluoranthene

Concen: 84.13 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

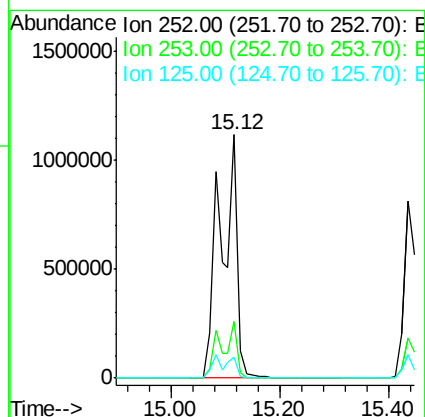
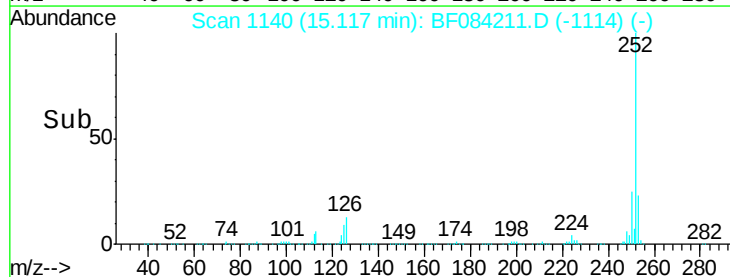
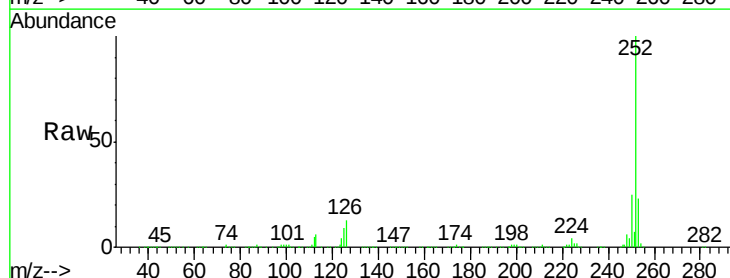
Tgt Ion:252 Resp: 2408553

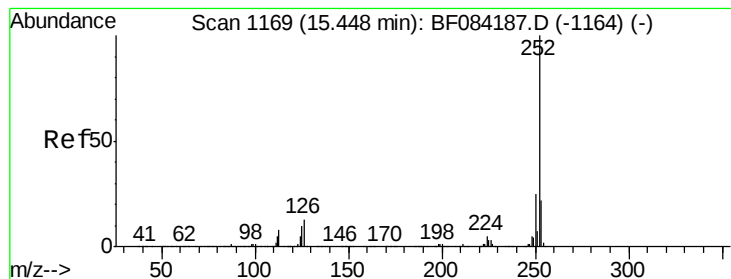
Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 8.7 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 38.67 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

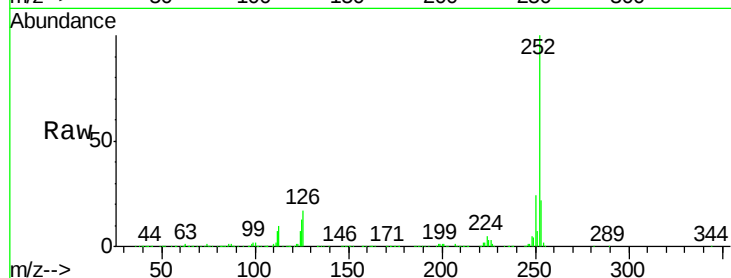
Tgt Ion:252 Resp: 1148260

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

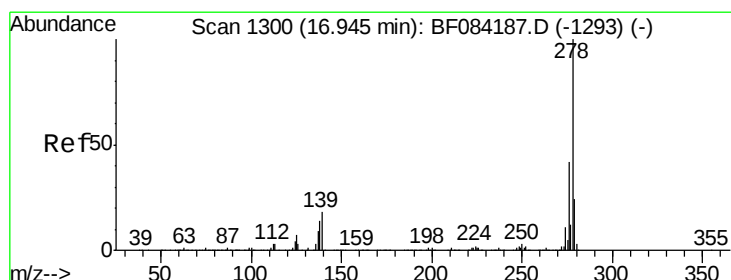
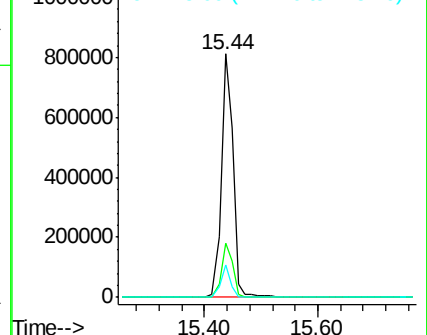
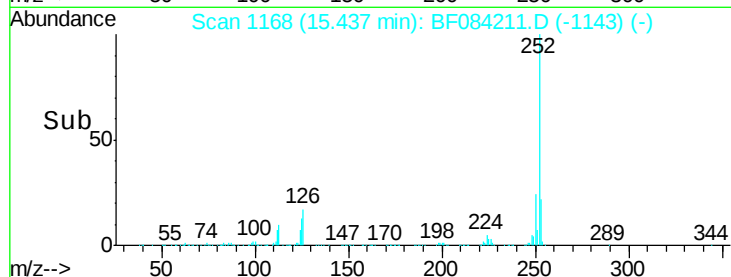
125 13.2 7.0 10.4#



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: 40.55 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

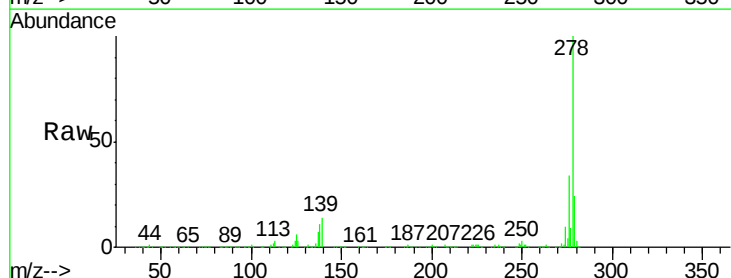
Tgt Ion:278 Resp: 1036071

Ion Ratio Lower Upper

278 100

139 14.4 15.0 22.4#

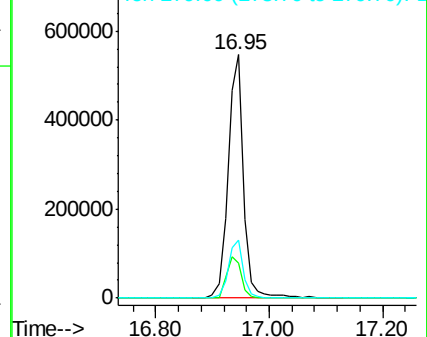
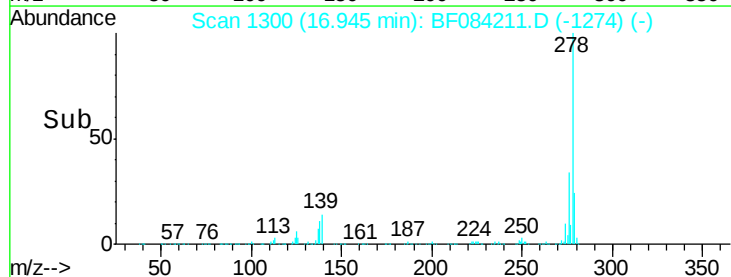
279 23.8 18.9 28.3

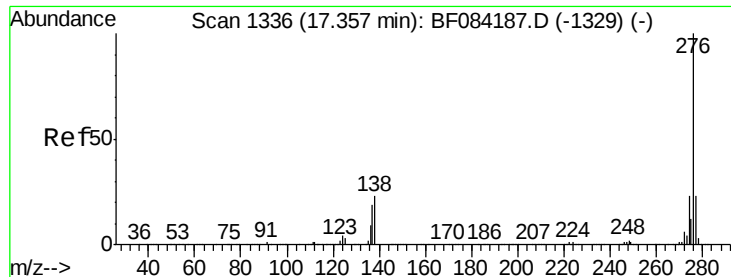


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.92 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084211.D

Acq: 31 Dec 2015 22:49

Instrument :

BNA_F

ClientSampleId :

PB87590BS

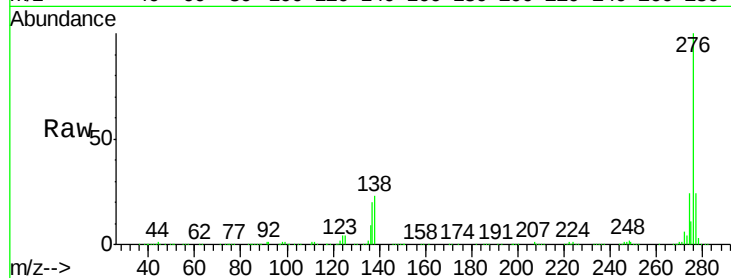
Tgt Ion:276 Resp: 1056193

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 23.4 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

