

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082768.D
 Acq On : 6 Nov 2015 18:31
 Operator : UM/IZ
 Sample : PB86421BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Quant Time: Nov 07 03:03:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152450	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	563446	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	446306	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	575588	20.00	ng	0.00
75) Chrysene-d12	14.01	240	496874	20.00	ng	-0.01
86) Perylene-d12	15.44	264	484890	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1449775	147.97	ng	0.01
7) Phenol-d6	6.49	99	1508905	115.84	ng	0.01
23) Nitrobenzene-d5	7.41	82	1043183	80.56	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	423283	82.72	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2268422	72.85	ng	0.00
78) Terphenyl-d14	12.96	244	1871798	89.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	244266	57.78	ng	97
3) Pyridine	3.24	79	670077	54.62	ng	94
4) n-Nitrosodimethylamine	3.18	42	341596	56.14	ng	# 71
6) Aniline	6.51	93	312533	17.09	ng	99
8) 2-Chlorophenol	6.64	128	438172	40.34	ng	88
9) Benzaldehyde	6.38	77	45336	6.30	ng	98
10) Phenol	6.50	94	594556	40.23	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	439097	39.73	ng	87
12) 1,3-Dichlorobenzene	6.86	146	445351	36.35	ng	94
13) 1,4-Dichlorobenzene	6.86	146	445351	34.94	ng	98
14) 1,2-Dichlorobenzene	7.02	146	464417	40.07	ng	99
15) Benzyl Alcohol	6.99	79	417486	36.50	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	647693	39.95	ng	94
17) 2-Methylphenol	7.10	107	361062	39.25	ng	97
18) Hexachloroethane	7.37	117	171555	37.63	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	365671	38.19	ng	90
20) 3+4-Methylphenols	7.26	107	477835	39.95	ng	98
22) Acetophenone	7.26	105	633803	39.26	ng	# 90
24) Nitrobenzene	7.44	77	548844	41.45	ng	99
25) Isophorone	7.68	82	925206	38.62	ng	99
26) 2-Nitrophenol	7.76	139	221899	40.15	ng	# 59
27) 2,4-Dimethylphenol	7.79	122	380799	38.34	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	552045	40.85	ng	100
29) 2,4-Dichlorophenol	8.00	162	403932	45.00	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	385381	38.18	ng	98
31) Naphthalene	8.16	128	1157589	37.24	ng	99
32) Benzoic acid	7.92	122	265751	39.08	ng	94
33) 4-Chloroaniline	8.20	127	156421	11.68	ng	91
34) Hexachlorobutadiene	8.28	225	240488	38.07	ng	99
35) Caprolactam	8.57	113	99772	35.26	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	531133	50.32	ng	90
37) 2-Methylnaphthalene	8.85	142	1140060	56.69	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	601682	41.02	ng	99
40) Hexachlorocyclopentadiene	9.01	237	692484	87.88	ng	99

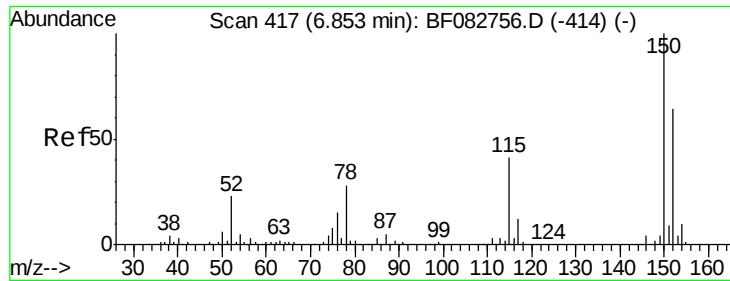
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	421006	38.46	ng	96
43) 2,4,5-Trichlorophenol	9.17	196	415740	38.40	ng	# 89
45) 1,1'-Biphenyl	9.32	154	1227638	32.06	ng	98
46) 2-Chloronaphthalene	9.34	162	963015	32.24	ng	94
47) 2-Nitroaniline	9.42	65	371721	33.54	ng	91
48) Acenaphthylene	9.76	152	1934297	41.32	ng	100
49) Dimethylphthalate	9.62	163	1390988	38.04	ng	100
50) 2,6-Dinitrotoluene	9.68	165	340296	43.62	ng	# 85
51) Acenaphthene	9.93	154	1206735	40.67	ng	99
52) 3-Nitroaniline	9.84	138	156010	18.18	ng	# 84
53) 2,4-Dinitrophenol	9.95	184	337121	78.70	ng	# 20
54) Dibenzofuran	10.10	168	1299146	32.48	ng	93
55) 4-Nitrophenol	10.01	139	428890	65.15	ng	# 84
56) 2,4-Dinitrotoluene	10.08	165	330056	31.18	ng	98
57) Fluorene	10.44	166	958925	29.60	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	243461	27.55	ng	92
59) Diethylphthalate	10.32	149	957824	26.83	ng	97
60) 4-Chlorophenyl-phenylether	10.43	204	400979	24.74	ng	# 81
61) 4-Nitroaniline	10.45	138	189778	21.99	ng	90
62) Azobenzene	10.59	77	1055357	27.52	ng	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	178274	43.47	ng	92
65) n-Nitrosodiphenylamine	10.56	169	829480	39.89	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	268710	38.77	ng	# 81
67) Hexachlorobenzene	10.99	284	301467	38.96	ng	# 80
68) Atrazine	11.08	200	277843	43.21	ng	98
69) Pentachlorophenol	11.18	266	402880	85.73	ng	99
70) Phenanthrene	11.40	178	1481896	44.33	ng	98
71) Anthracene	11.45	178	1256601	35.69	ng	99
72) Carbazole	11.61	167	1254235	40.69	ng	96
73) Di-n-butylphthalate	11.94	149	1407318	36.65	ng	99
74) Fluoranthene	12.58	202	1397688	38.97	ng	98
76) Benzidine	12.71	184	350114	21.02	ng	98
77) Pyrene	12.81	202	1414432	41.45	ng	99
79) Butylbenzylphthalate	13.44	149	623196	41.34	ng	99
80) Benzo(a)anthracene	14.00	228	1337638	43.05	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	266507	24.13	ng	# 97
82) Chrysene	14.04	228	1349530	47.42	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	922580	44.71	ng	# 98
84) Di-n-octyl phthalate	14.61	149	1488621	43.25	ng	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1099643	44.87	ng	100
87) Benzo(b)fluoranthene	15.06	252	2321554	74.59	ng	# 97
88) Benzo(k)fluoranthene	15.06	252	2321554	84.08	ng	# 96
89) Benzo(a)pyrene	15.38	252	1074350	39.84	ng	99
90) Dibenzo(a,h)anthracene	16.84	278	942619	41.28	ng	99
91) Benzo(g,h,i)perylene	17.25	276	1327127	60.68	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082768.D

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PB86421BS

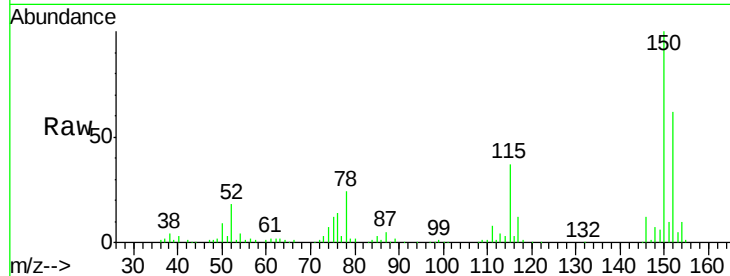
Tgt Ion:152 Resp: 152450

Ion Ratio Lower Upper

152 100

150 160.9 127.0 190.4

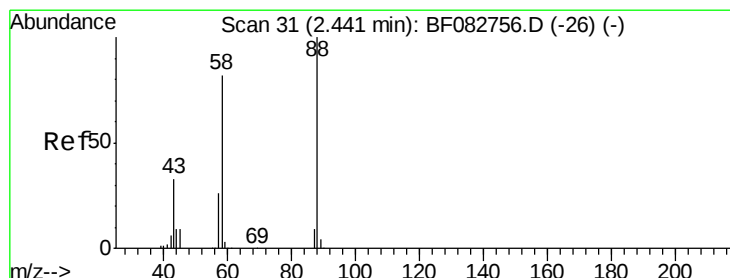
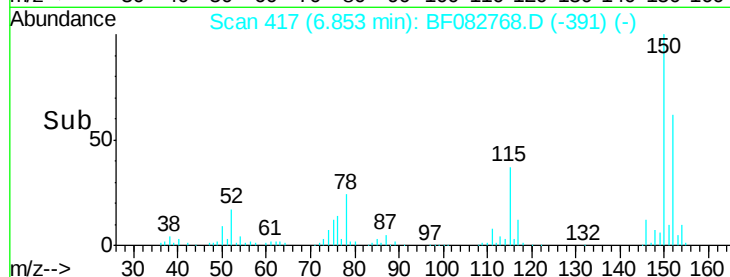
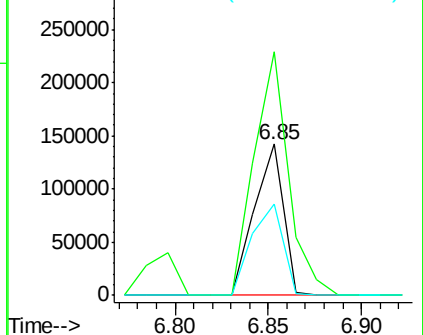
115 60.3 47.0 70.6



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: 57.78 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.09 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

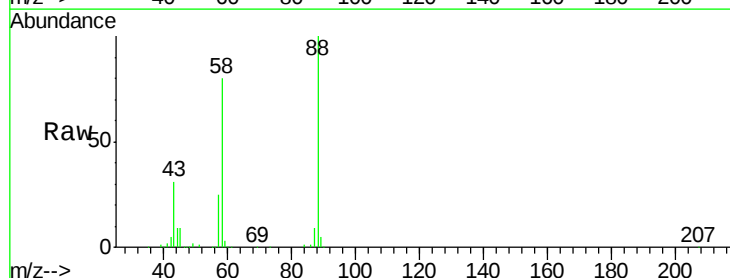
Tgt Ion: 88 Resp: 244266

Ion Ratio Lower Upper

88 100

58 79.0 62.0 93.0

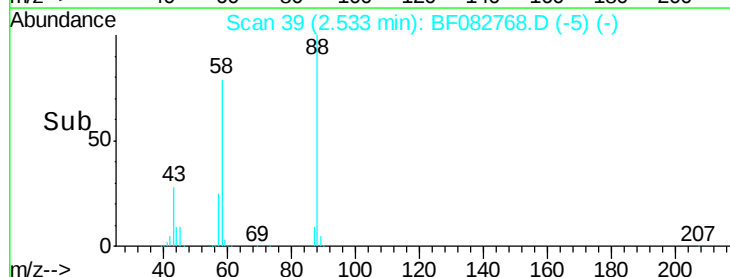
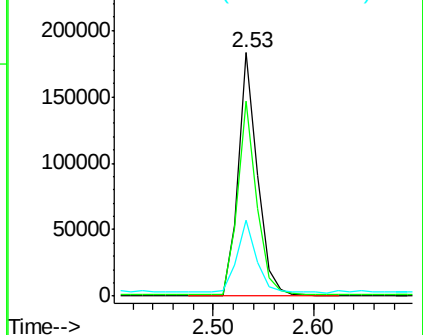
43 30.7 26.6 40.0

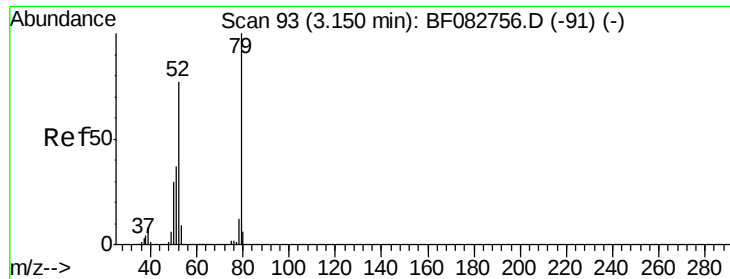


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

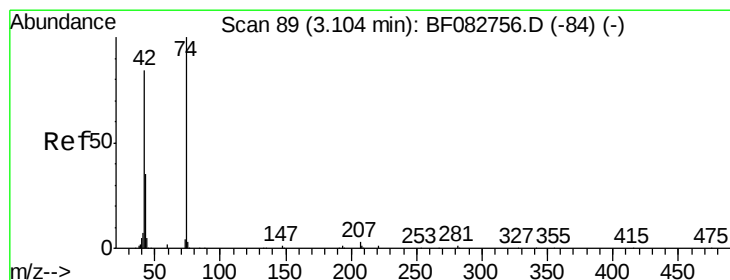
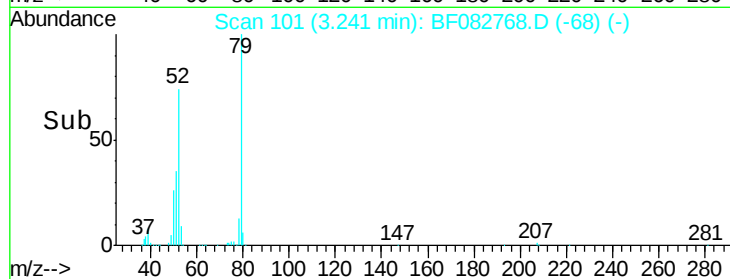
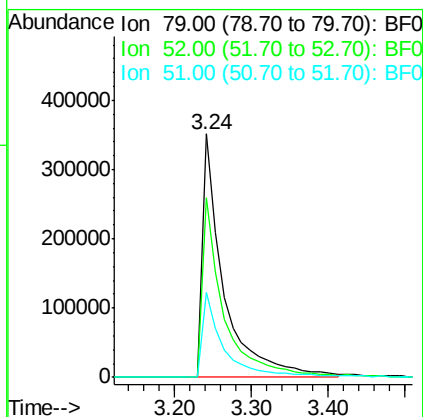
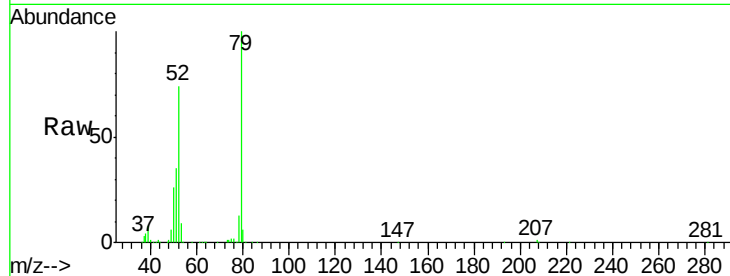




#3
 Pyridine
 Concen: 54.62 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.08 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

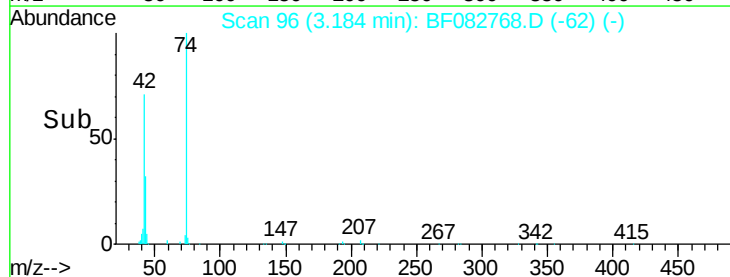
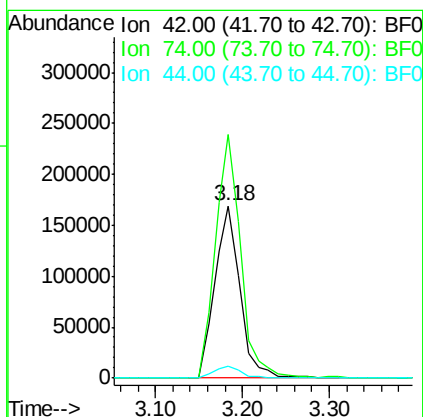
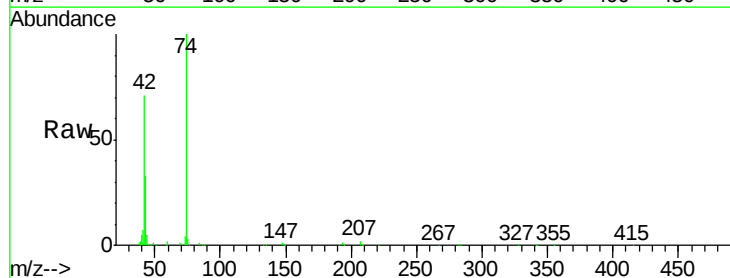
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

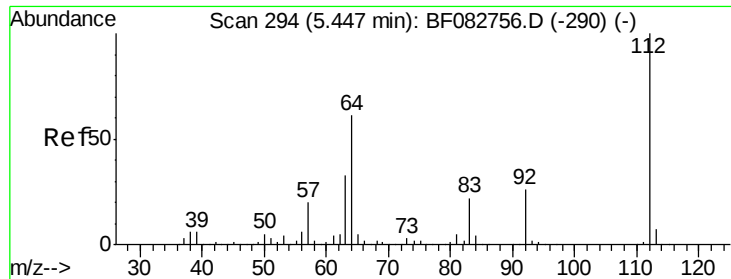
Tgt Ion: 79 Resp: 670077
 Ion Ratio Lower Upper
 79 100
 52 73.6 62.8 94.2
 51 35.0 32.0 48.0



#4
 n-Nitrosodimethylamine
 Concen: 56.14 ng
 RT: 3.18 min Scan# 96
 Delta R.T. 0.09 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion: 42 Resp: 341596
 Ion Ratio Lower Upper
 42 100
 74 141.5 87.0 130.4#
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 147.97 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

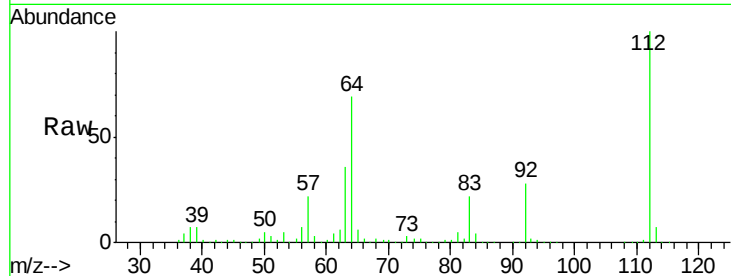
Tgt Ion: 112 Resp: 1449775

Ion Ratio Lower Upper

112 100

64 69.2 48.9 73.3

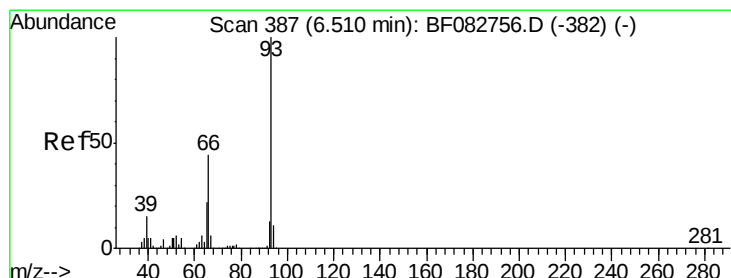
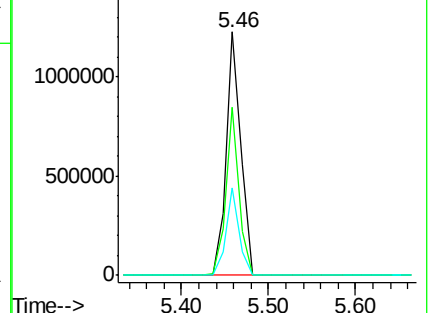
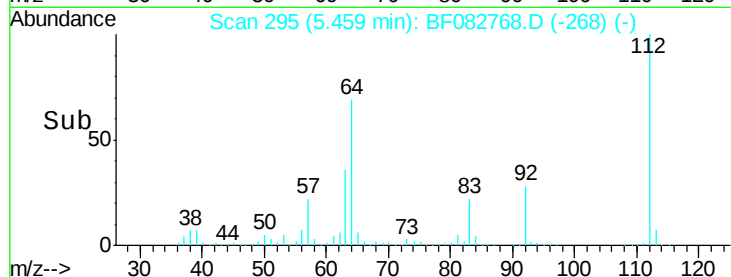
63 35.8 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.09 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

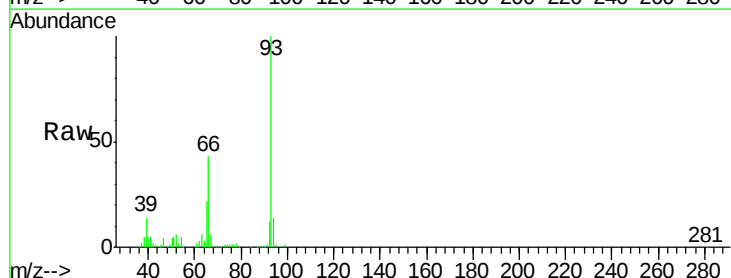
Tgt Ion: 93 Resp: 312533

Ion Ratio Lower Upper

93 100

66 42.7 33.6 50.4

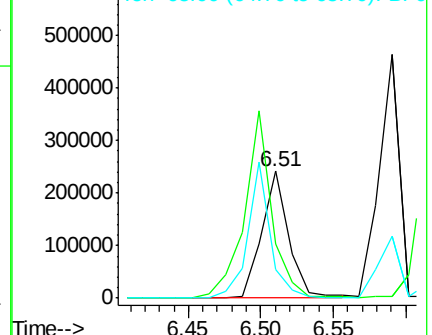
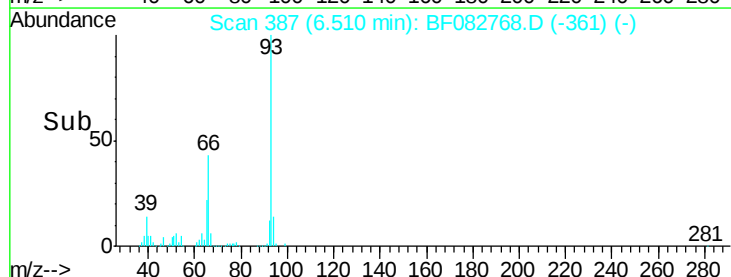
65 22.3 18.1 27.1

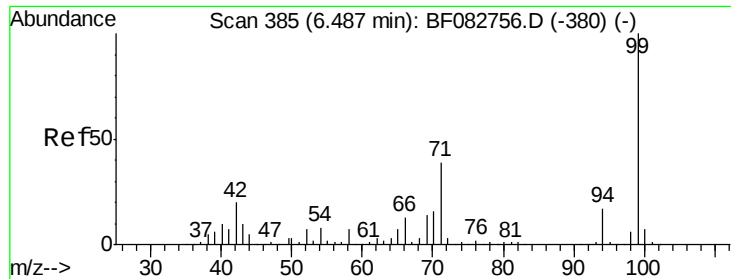


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.84 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

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ClientSampleId :

PB86421BS

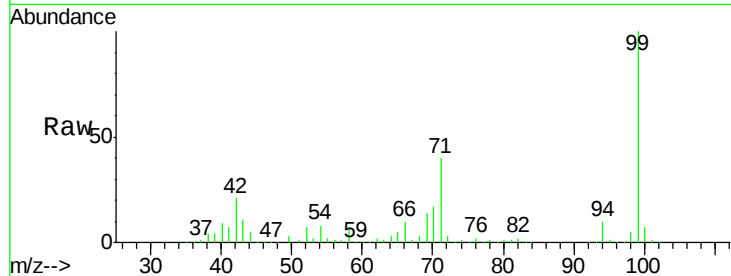
Tgt Ion: 99 Resp: 1508905

Ion Ratio Lower Upper

99 100

42 20.8 19.2 28.8

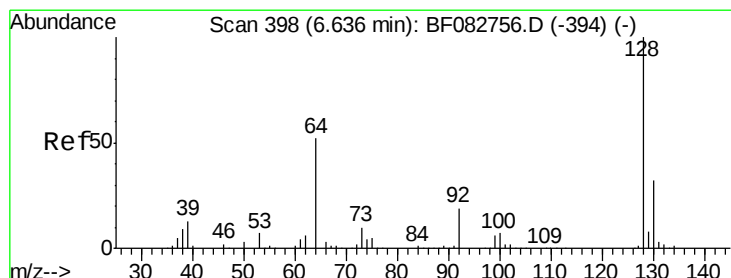
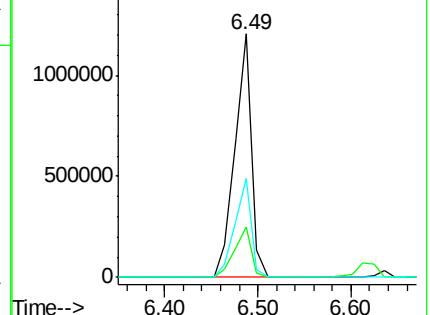
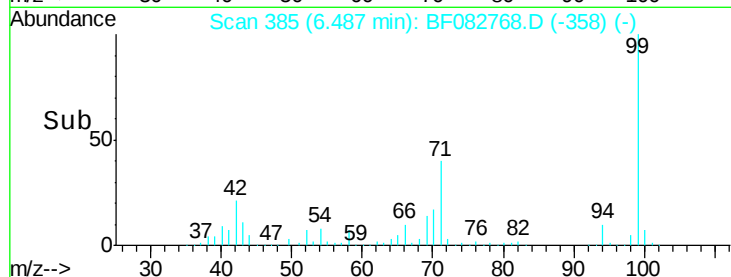
71 40.5 35.0 52.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.34 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

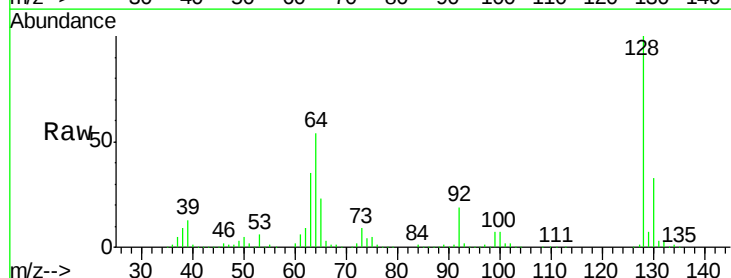
Tgt Ion: 128 Resp: 438172

Ion Ratio Lower Upper

128 100

130 32.5 13.5 53.5

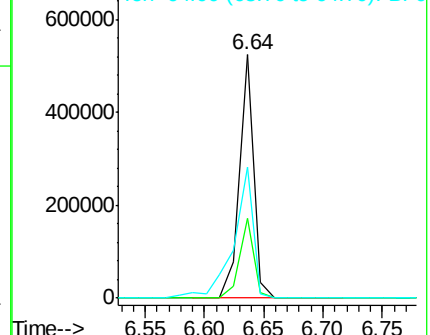
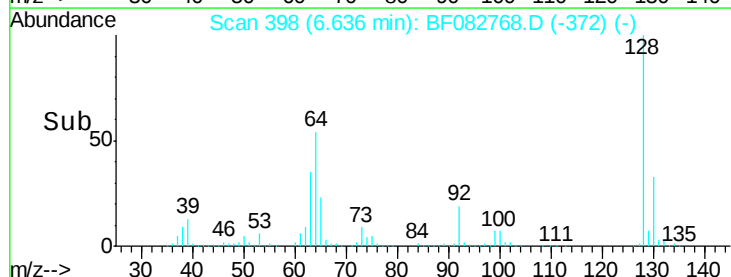
64 53.7 21.1 61.1

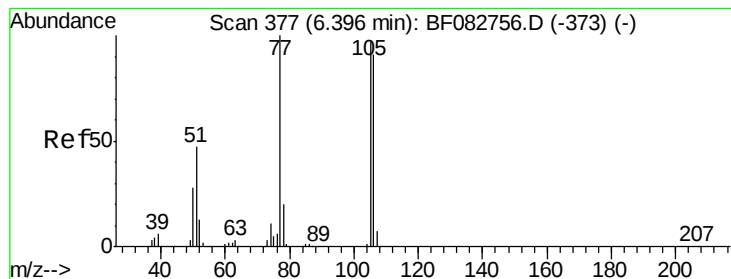


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.30 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

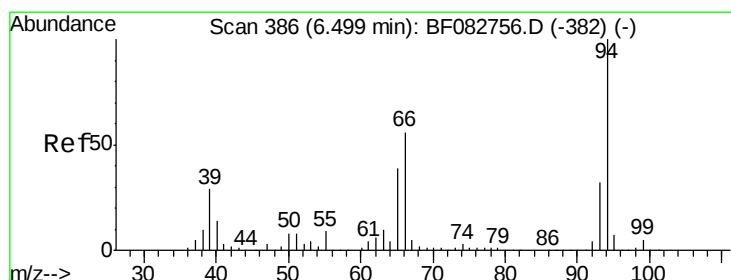
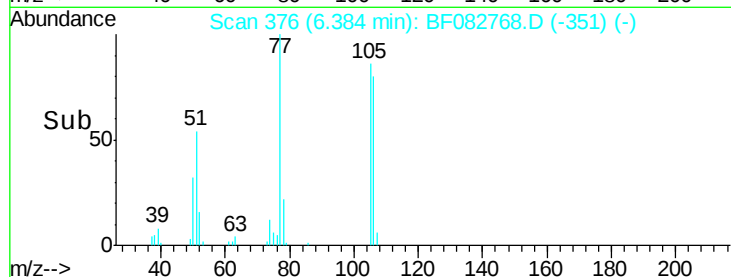
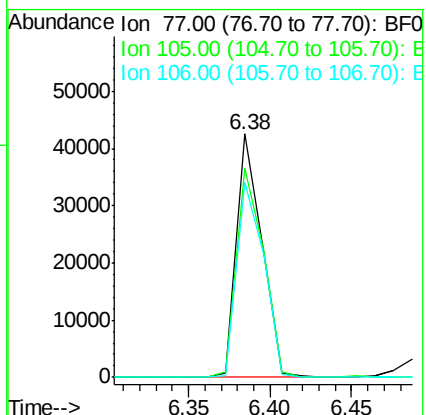
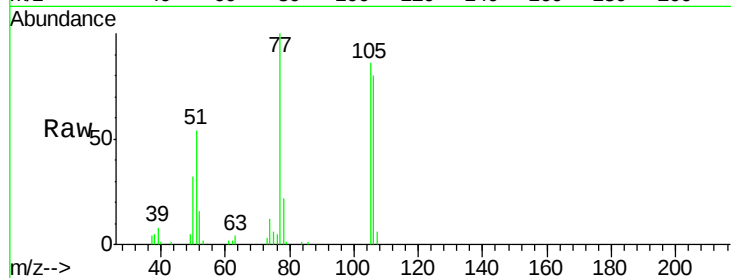
Tgt Ion: 77 Resp: 45336

Ion Ratio Lower Upper

77 100

105 85.9 63.5 103.5

106 80.0 59.3 99.3



#10

Phenol

Concen: 40.23 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

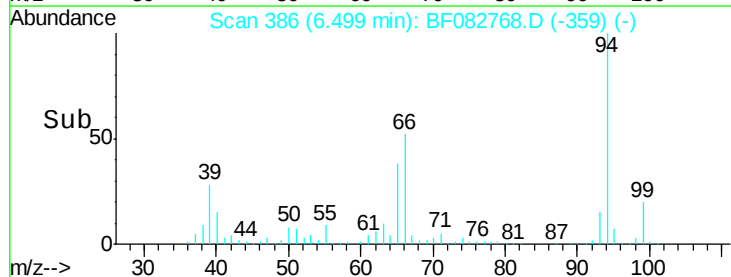
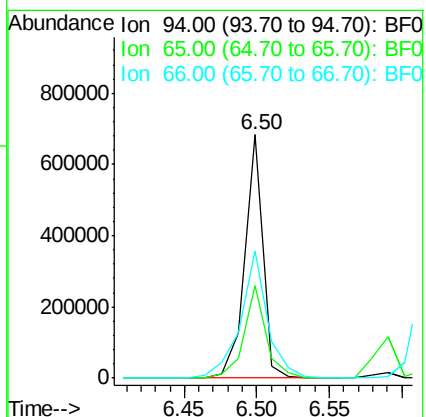
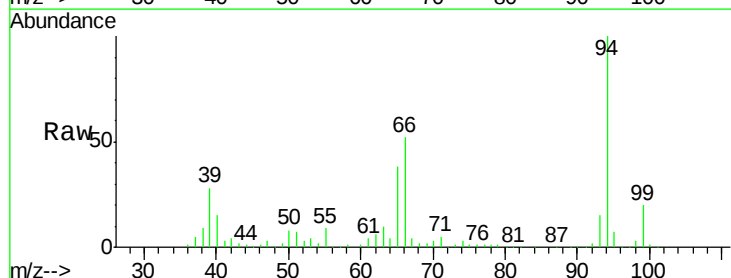
Tgt Ion: 94 Resp: 594556

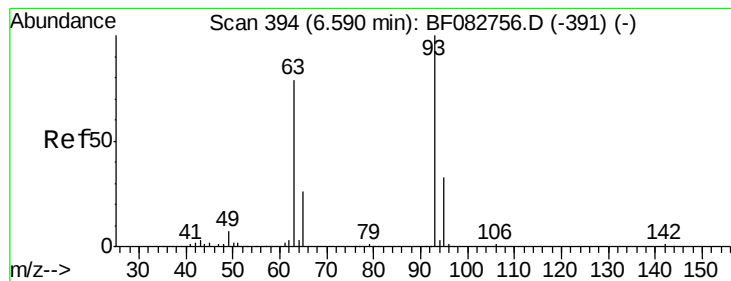
Ion Ratio Lower Upper

94 100

65 37.9 18.9 58.9

66 52.3 34.9 74.9

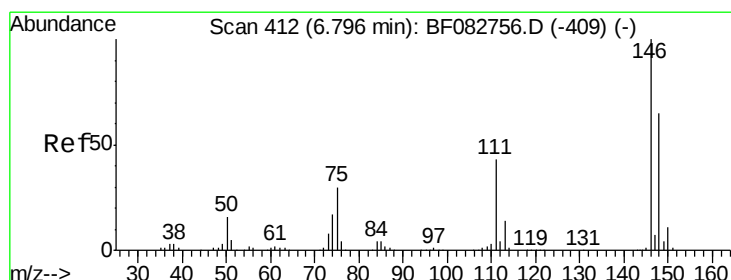
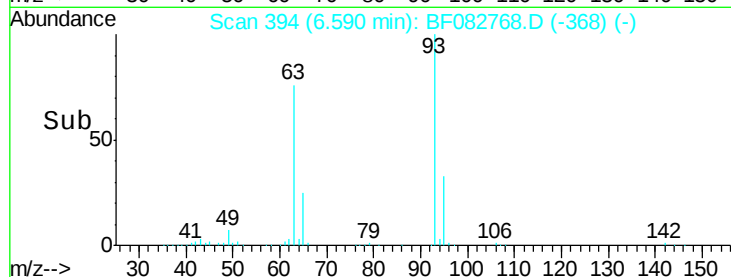
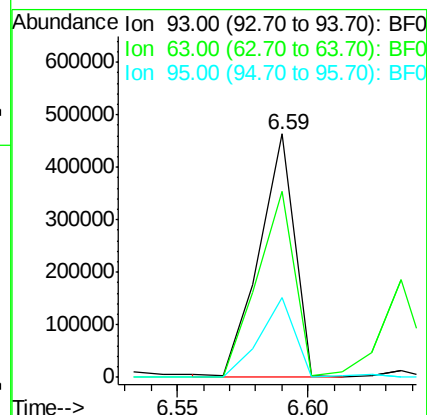
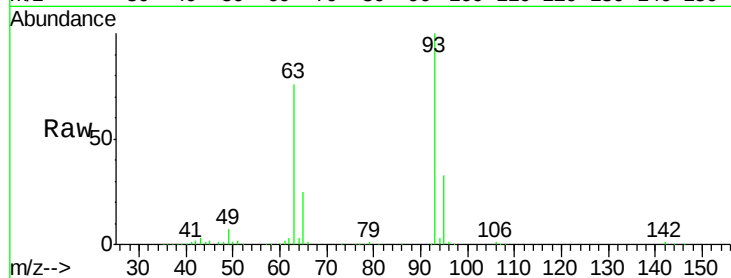




#11
bis(2-Chloroethyl)ether
Concen: 39.73 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

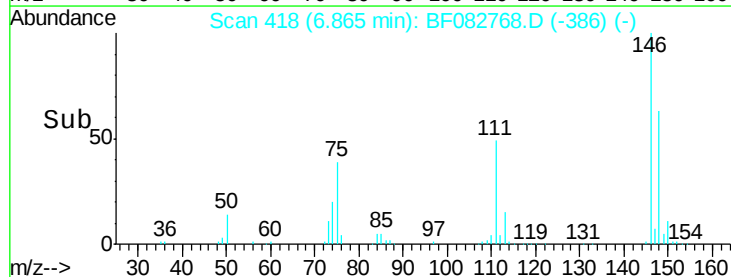
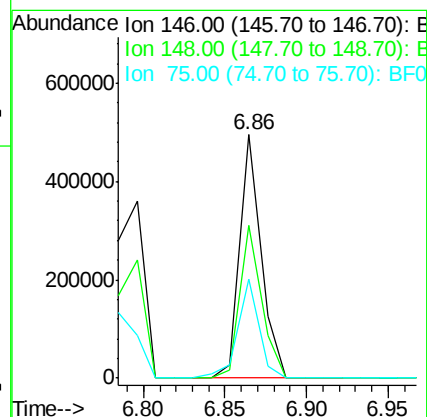
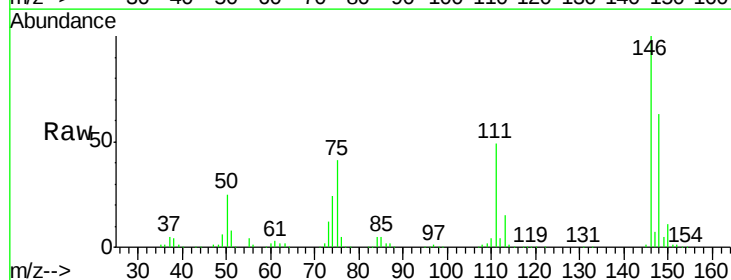
Instrument :
BNA_F
ClientSampleId :
PB86421BS

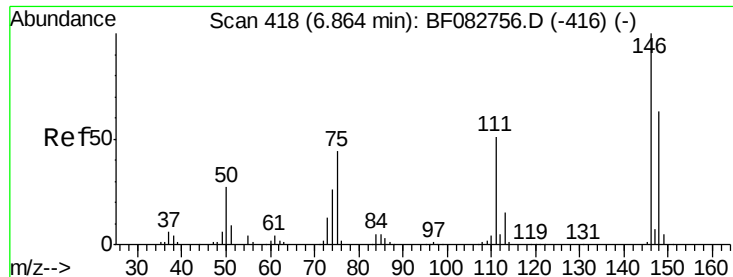
Tgt Ion: 93 Resp: 439097
Ion Ratio Lower Upper
93 100
63 76.2 72.7 112.7
95 32.8 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 36.35 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion: 146 Resp: 445351
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 40.7 39.5 59.3

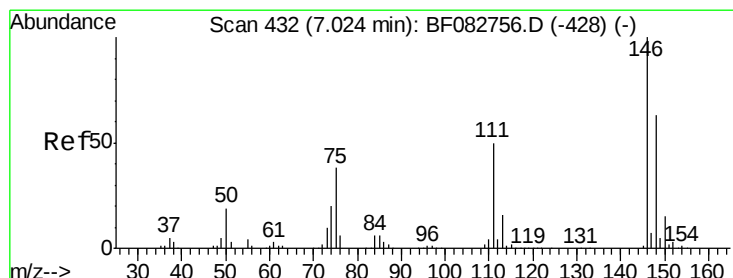
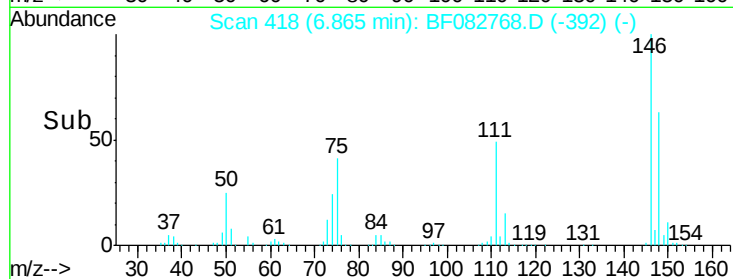
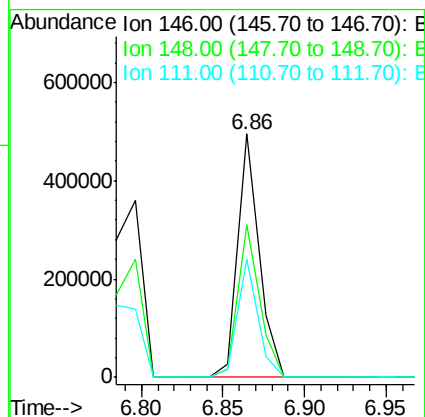
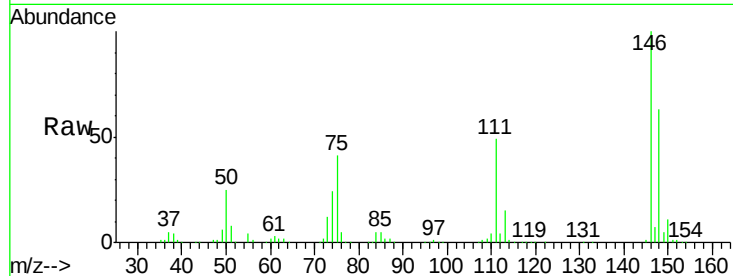




#13
 1,4-Dichlorobenzene
 Concen: 34.94 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

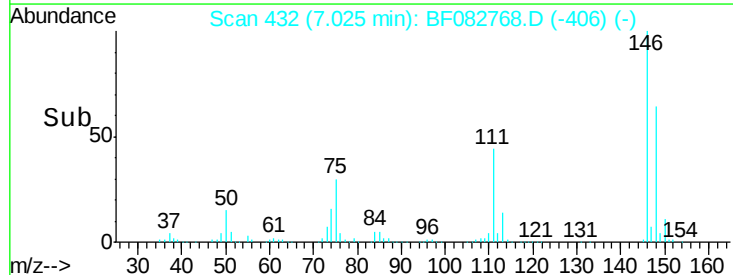
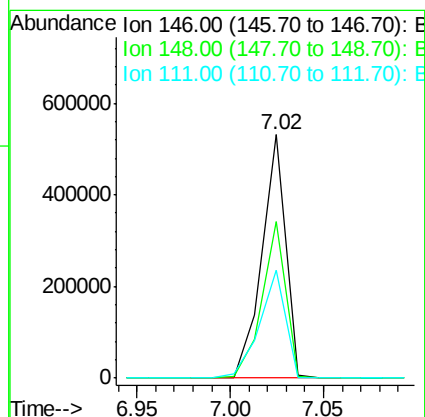
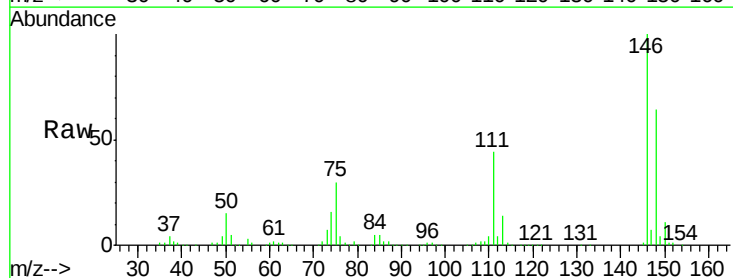
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

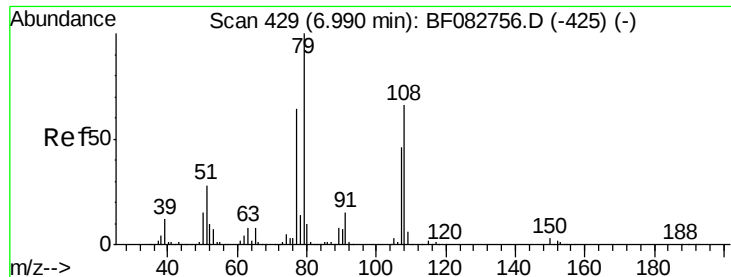
Tgt Ion:146 Resp: 445351
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 48.5 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 40.07 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:146 Resp: 464417
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.4
 111 44.4 36.6 55.0

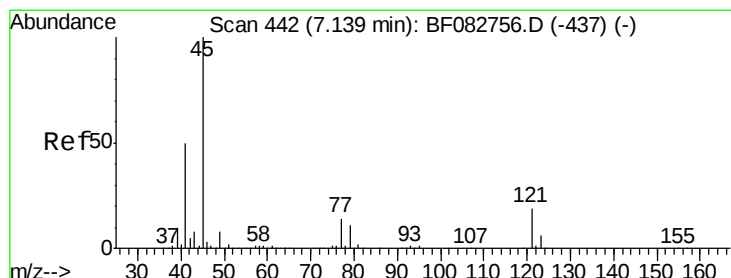
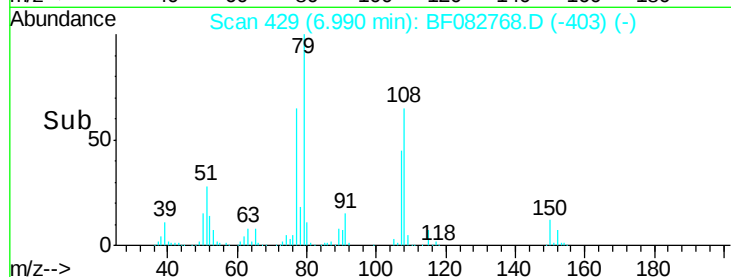
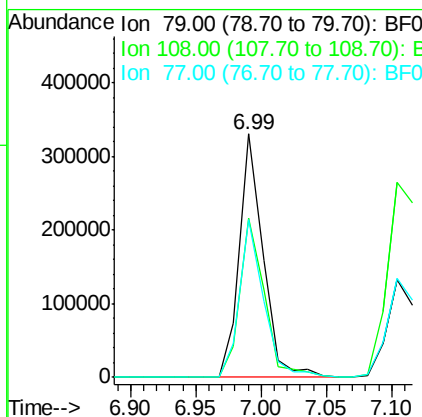
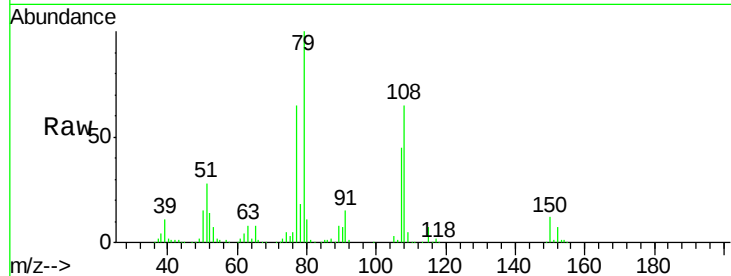




#15
Benzyl Alcohol
Concen: 36.50 ng
RT: 6.99 min Scan# 429
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

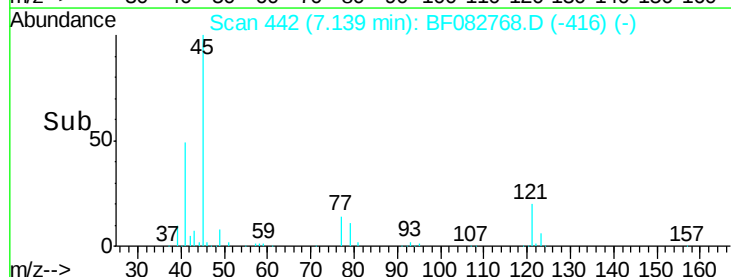
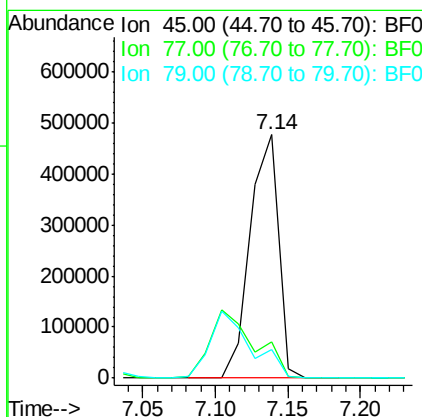
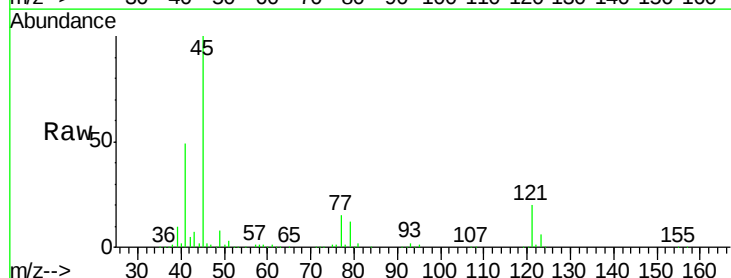
Instrument :
BNA_F
ClientSampleId :
PB86421BS

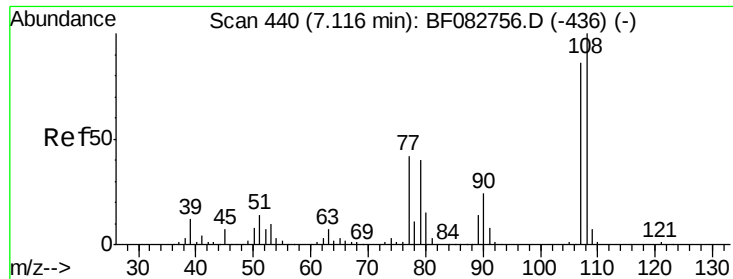
Tgt Ion: 79 Resp: 417486
Ion Ratio Lower Upper
79 100
108 65.3 52.2 78.4
77 65.1 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.95 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion: 45 Resp: 647693
Ion Ratio Lower Upper
45 100
77 15.0 0.0 32.6
79 11.6 0.0 29.2

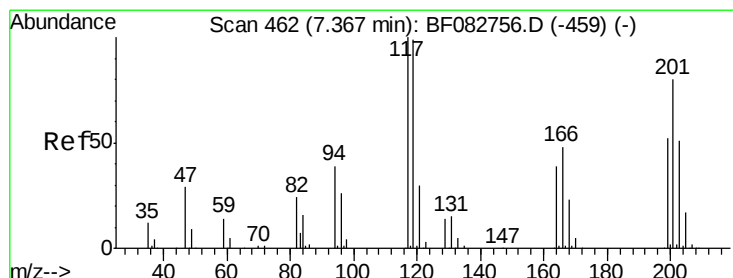
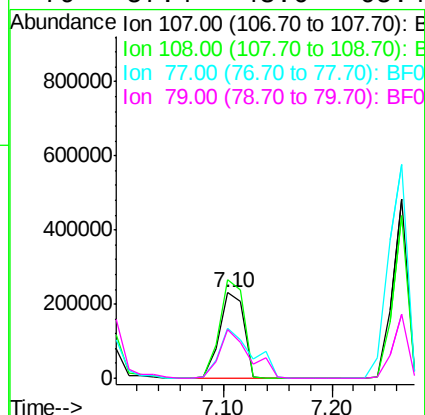
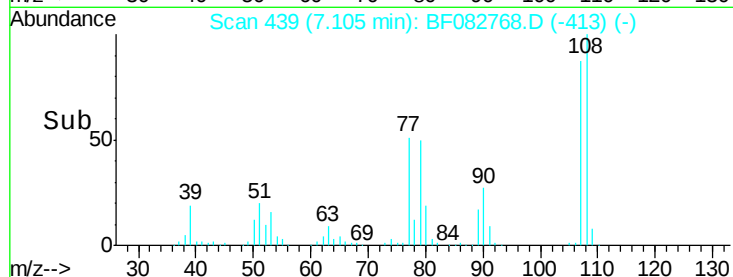
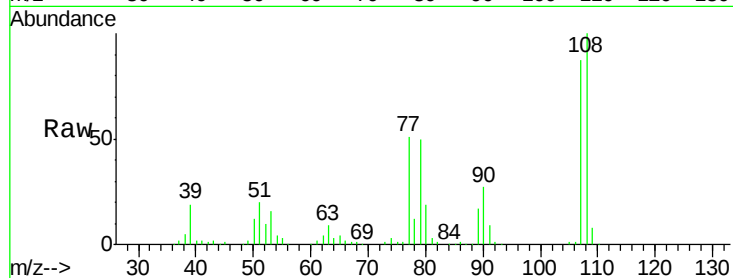




#17
2-Methylphenol
Concen: 39.25 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

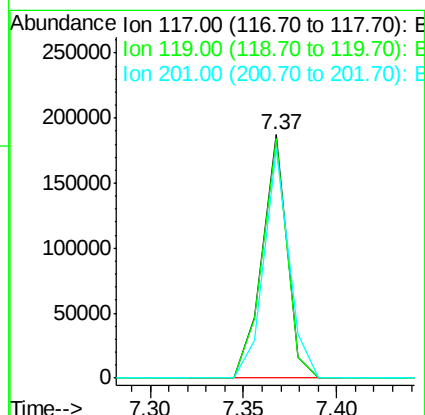
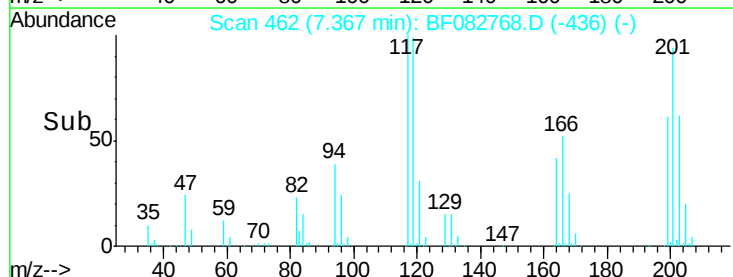
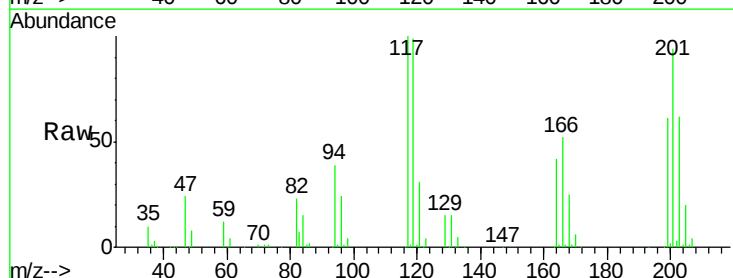
Instrument :
BNA_F
ClientSampleId :
PB86421BS

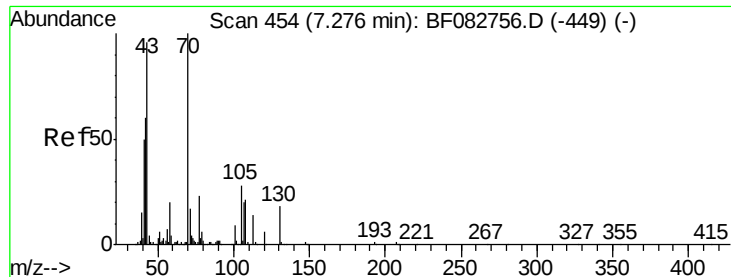
Tgt Ion:107 Resp: 361062
Ion Ratio Lower Upper
107 100
108 114.8 93.0 139.4
77 58.5 44.1 66.1
79 57.4 43.6 65.4



#18
Hexachloroethane
Concen: 37.63 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:117 Resp: 171555
Ion Ratio Lower Upper
117 100
119 98.5 77.7 116.5
201 94.4 66.7 100.1

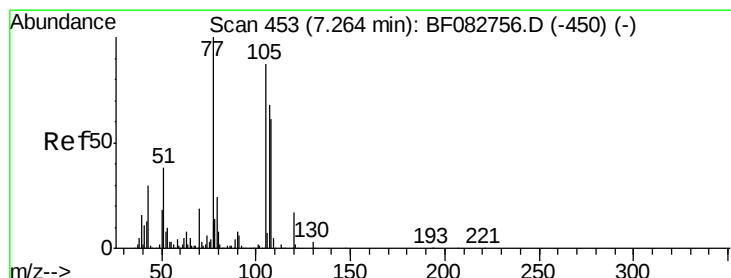
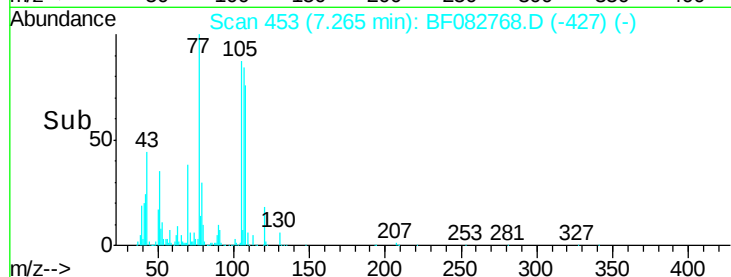
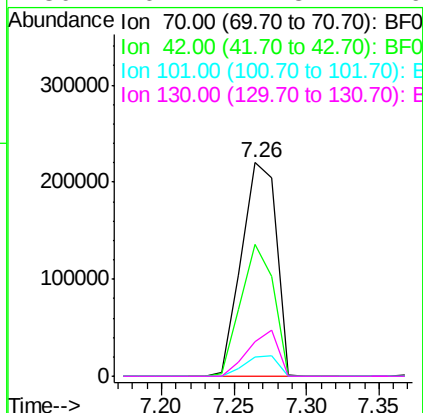
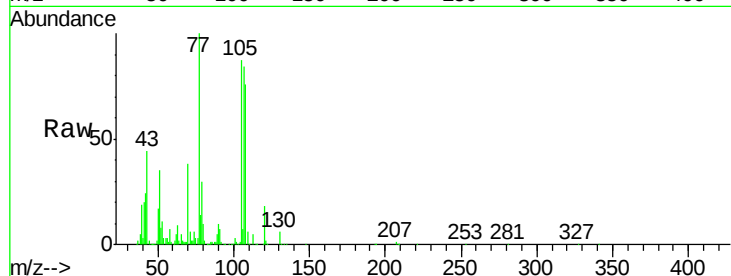




#19
n-Nitroso-di-n-propylamine
Concen: 38.19 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

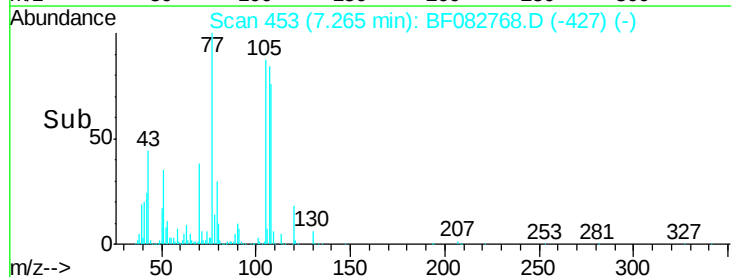
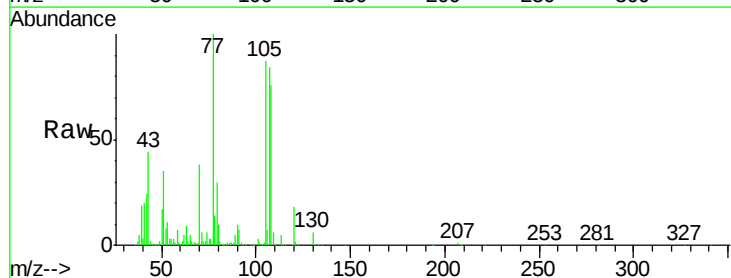
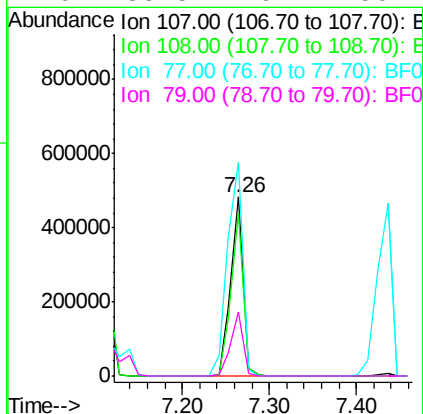
Instrument :
BNA_F
ClientSampleId :
PB86421BS

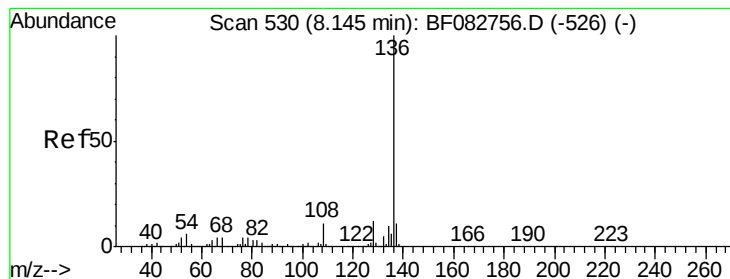
Tgt Ion: 70 Resp: 365671
Ion Ratio Lower Upper
70 100
42 61.8 57.7 86.5
101 8.9 7.0 10.6
130 16.2 11.8 17.6



#20
3+4-Methylphenols
Concen: 39.95 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion: 107 Resp: 477835
Ion Ratio Lower Upper
107 100
108 91.0 67.3 107.3
77 119.6 100.3 140.3
79 35.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

Tgt Ion:136 Resp: 563446

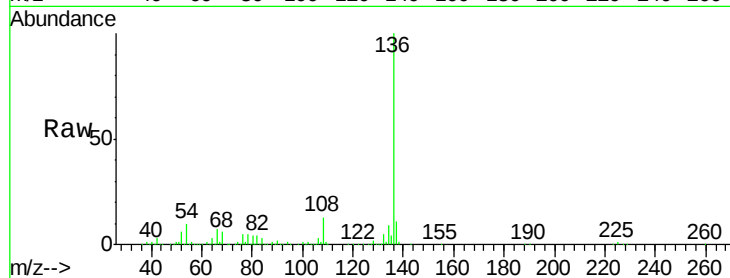
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 9.9 9.1 13.7

68 6.1 4.8 7.2

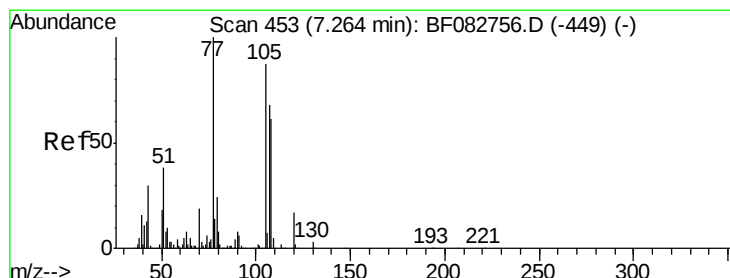
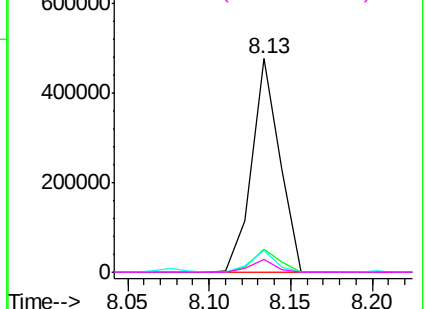
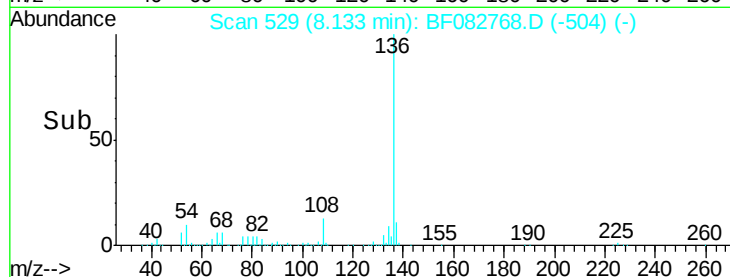


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.26 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Tgt Ion:105 Resp: 633803

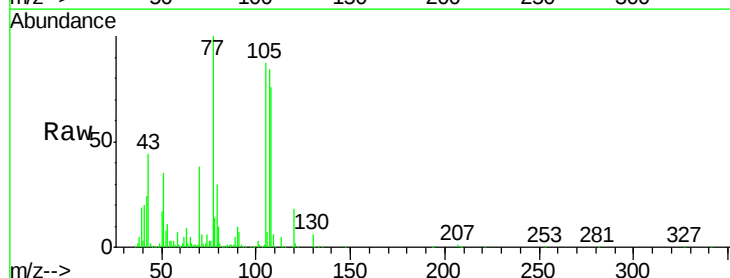
Ion Ratio Lower Upper

105 100

71 7.1 5.6 8.4

51 40.6 24.9 37.3#

120 20.3 15.8 23.8

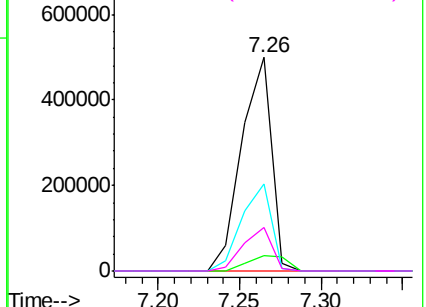
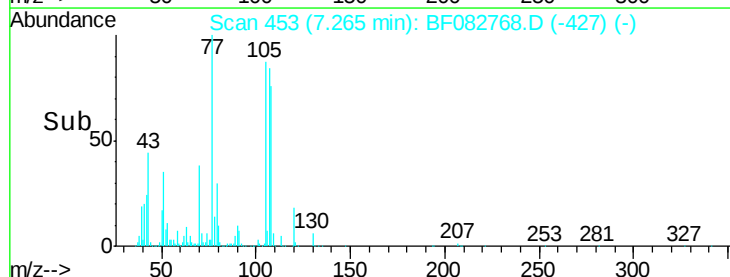


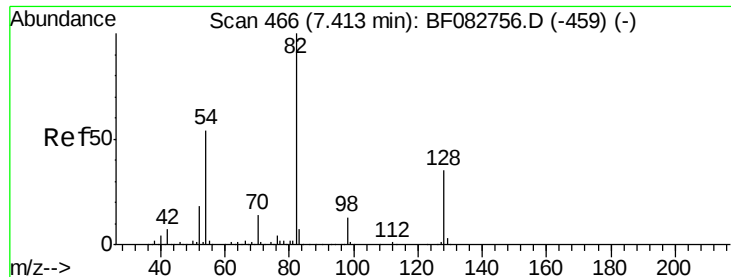
Abundance Ion 105.00 (104.70 to 105.70): E

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



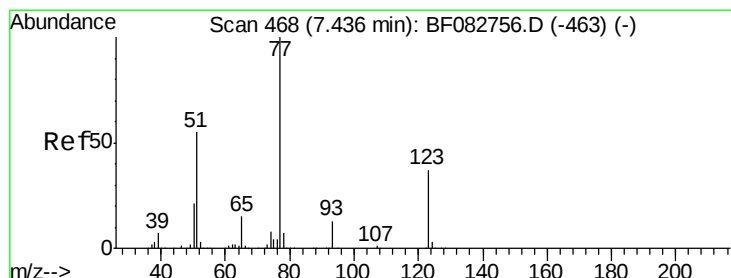
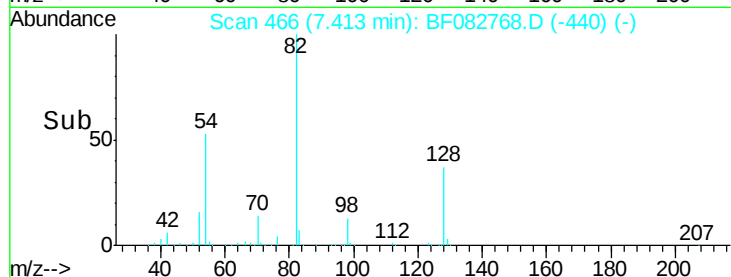
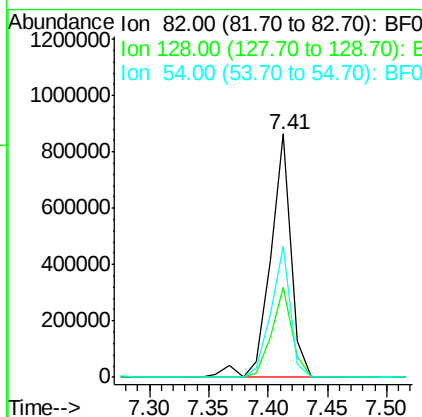
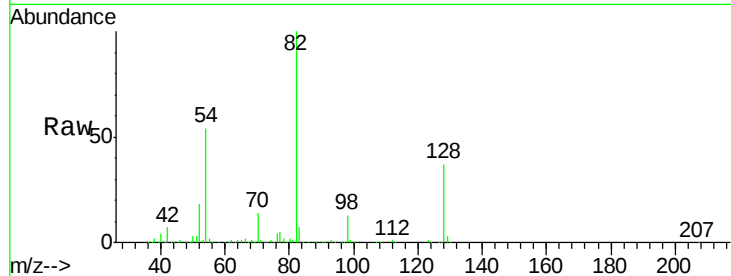


#23
 Nitrobenzene-d5
 Concen: 80.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion: 82 Resp: 1043183

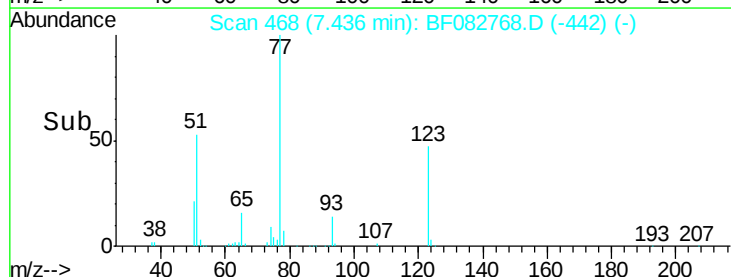
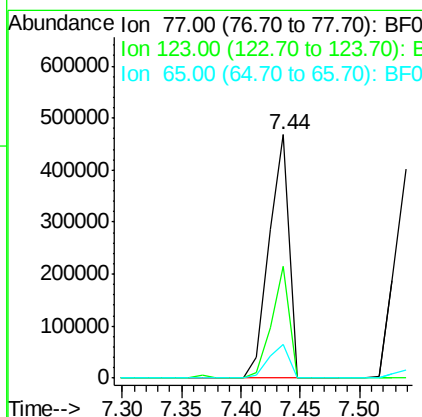
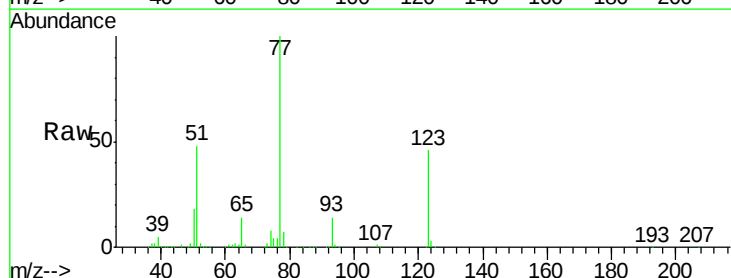
Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.8	40.2
54	53.6	45.7	68.5

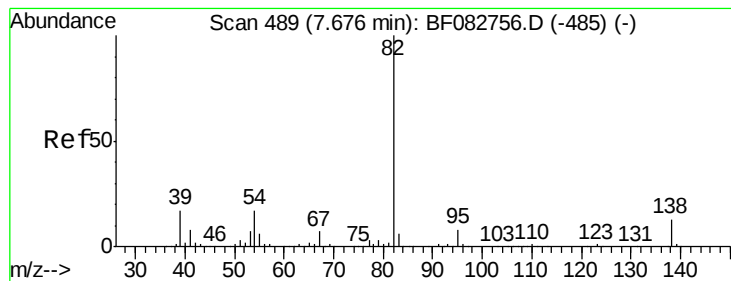


#24
 Nitrobenzene
 Concen: 41.45 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion: 77 Resp: 548844

Ion	Ratio	Lower	Upper
77	100		
123	46.0	36.4	54.6
65	13.6	11.5	17.3





#25

Isophorone

Concen: 38.62 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

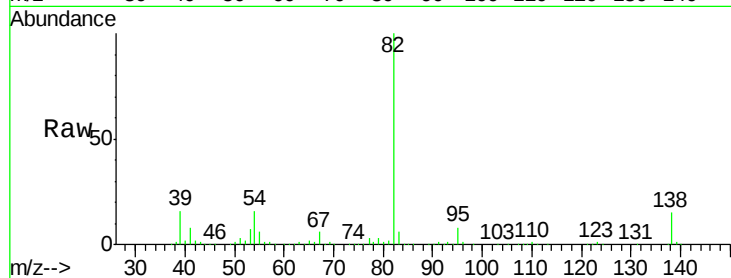
Tgt Ion: 82 Resp: 925206

Ion Ratio Lower Upper

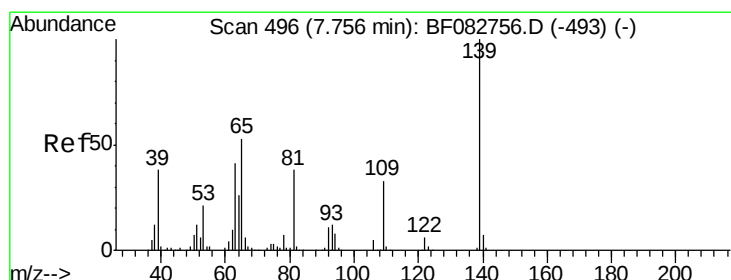
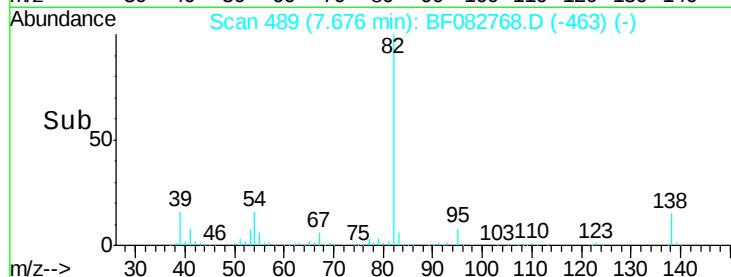
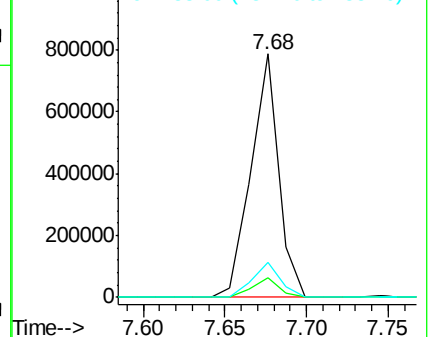
82 100

95 8.1 6.6 9.8

138 14.6 11.4 17.0



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: 40.15 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

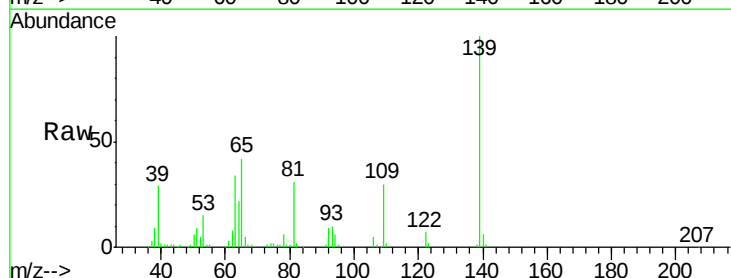
Tgt Ion: 139 Resp: 221899

Ion Ratio Lower Upper

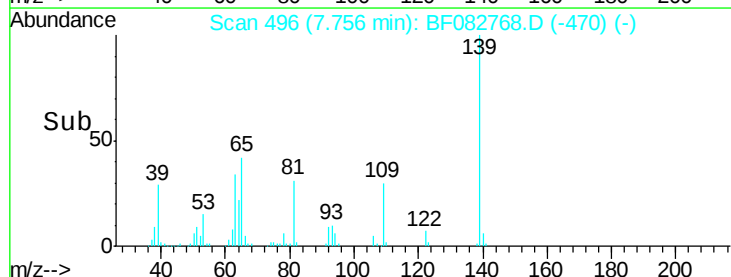
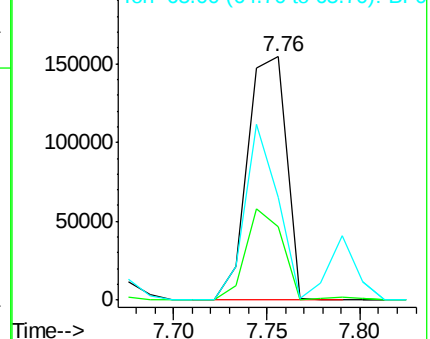
139 100

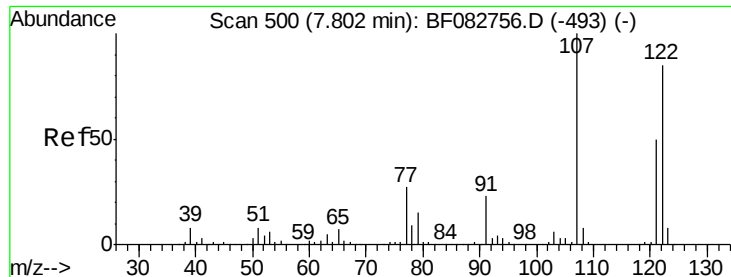
109 30.4 37.6 56.4#

65 42.4 70.6 105.8#



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

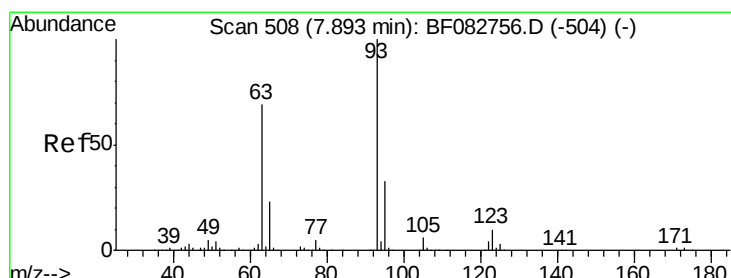
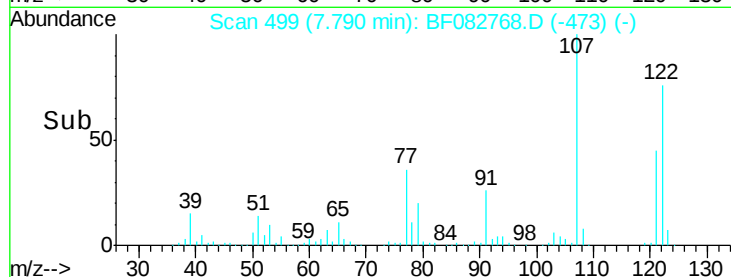
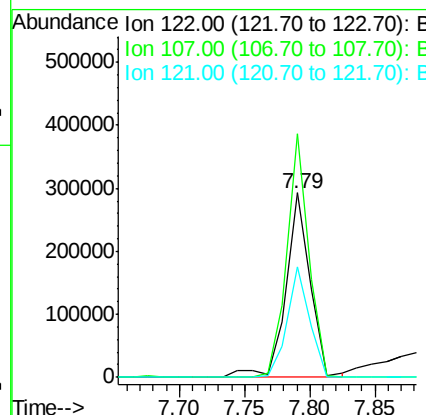
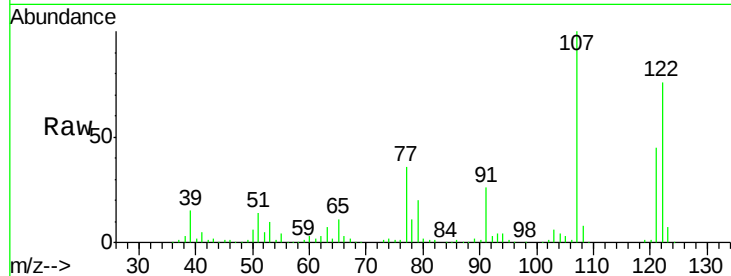




#27
 2,4-Dimethylphenol
 Concen: 38.34 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

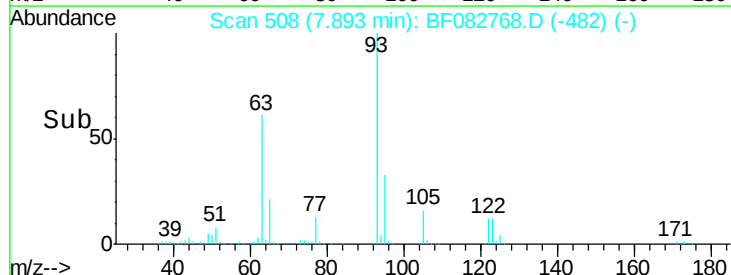
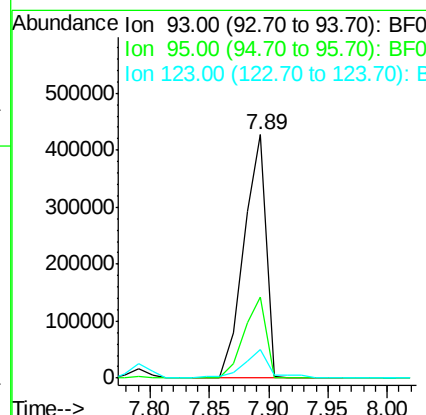
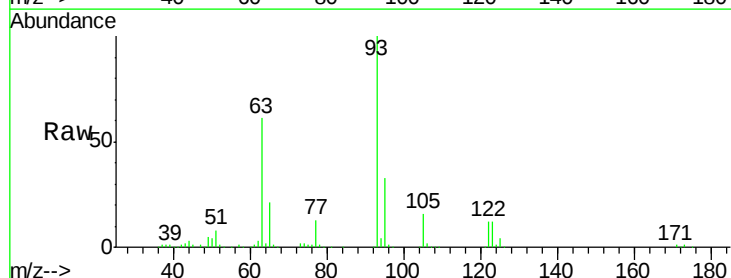
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

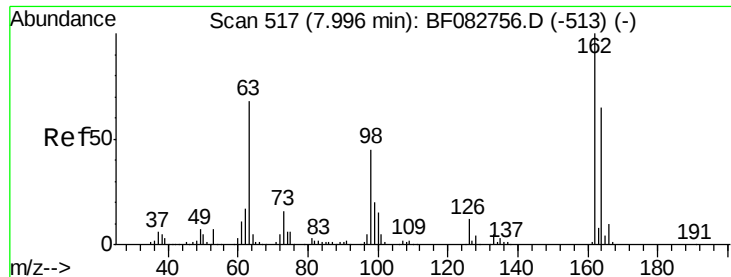
Tgt Ion:122 Resp: 380799
 Ion Ratio Lower Upper
 122 100
 107 132.1 106.0 159.0
 121 59.9 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.85 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion: 93 Resp: 552045
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 11.5 9.7 14.5

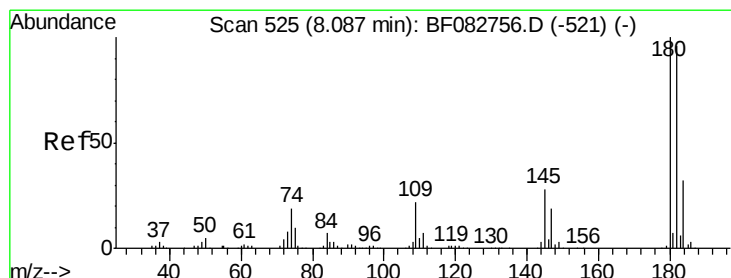
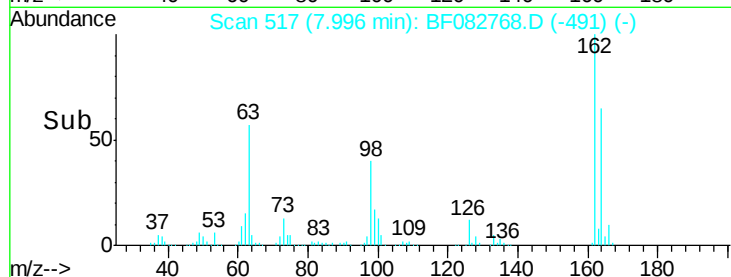
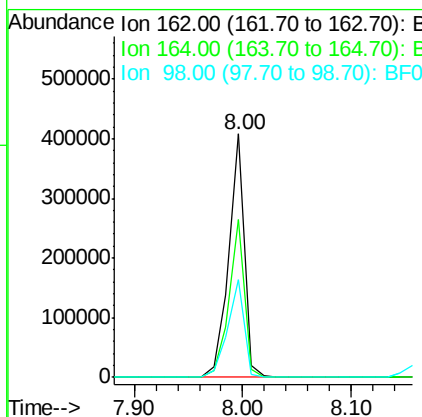
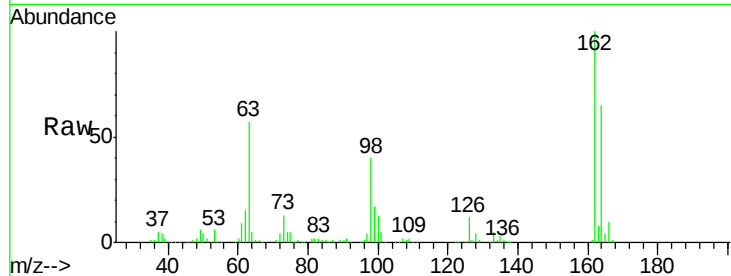




#29
 2,4-Dichlorophenol
 Concen: 45.00 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

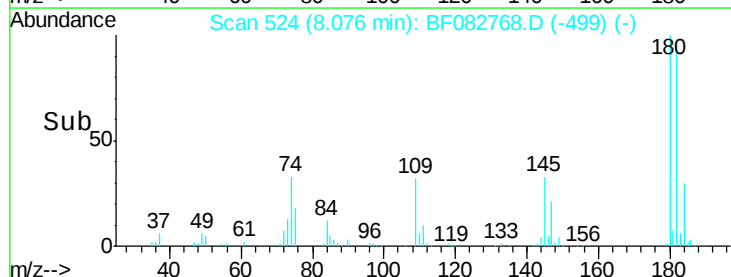
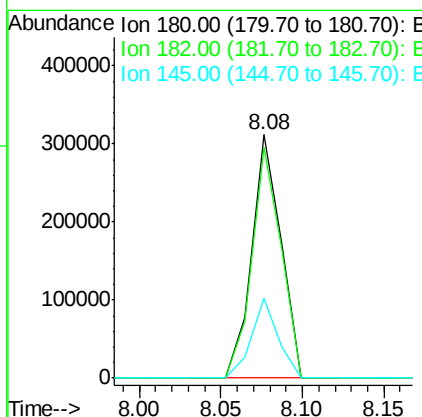
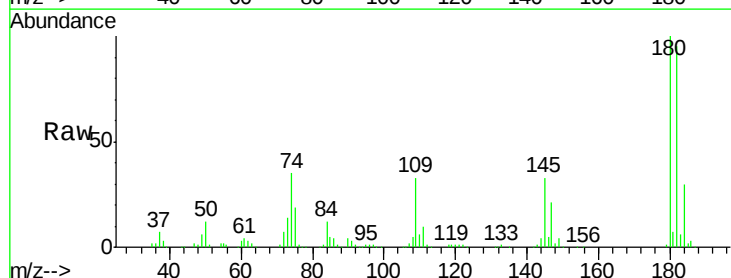
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

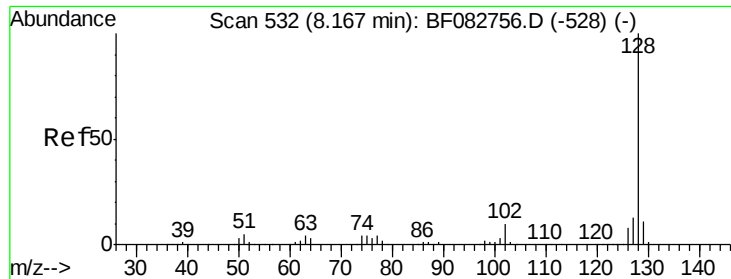
Tgt Ion:162 Resp: 403932
 Ion Ratio Lower Upper
 162 100
 164 64.9 46.8 86.8
 98 40.1 12.5 52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.18 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:180 Resp: 385381
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.9 112.3
 145 32.6 27.8 41.8

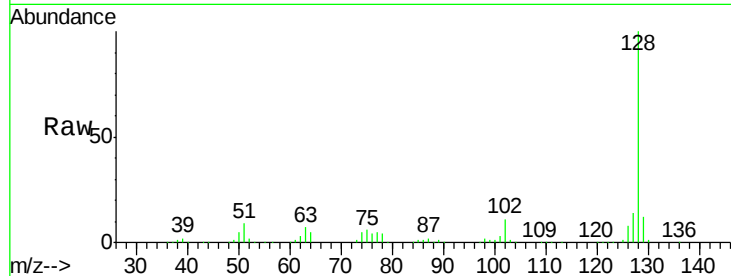




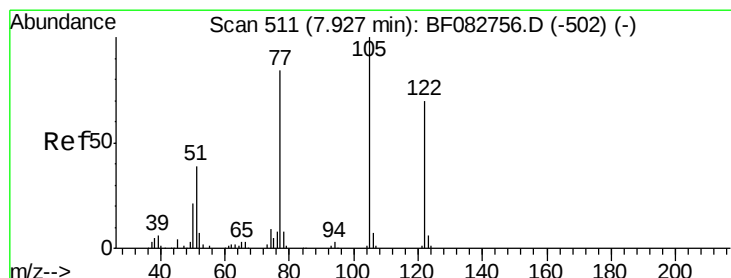
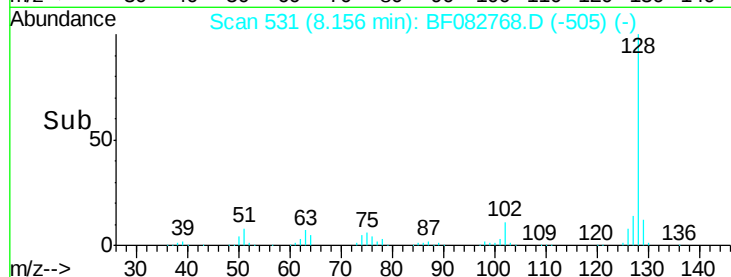
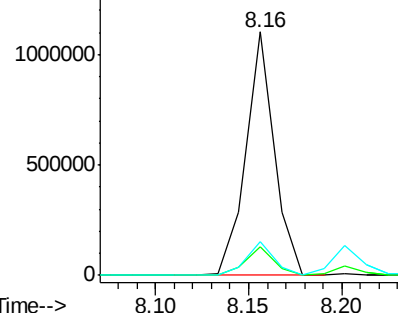
#31
Naphthalene
Concen: 37.24 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:128 Resp: 1157589
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.4 17.0

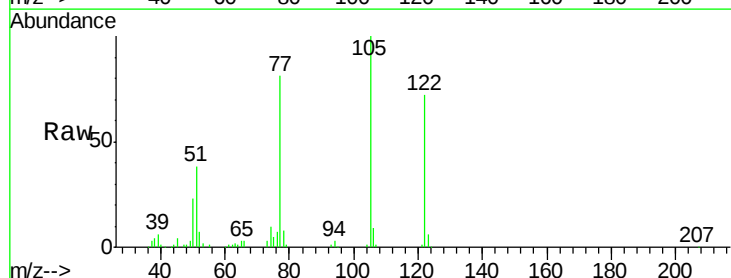


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

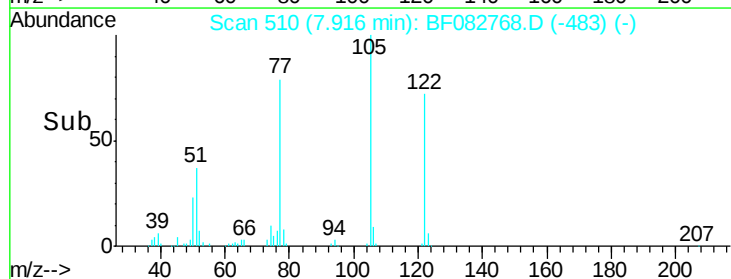
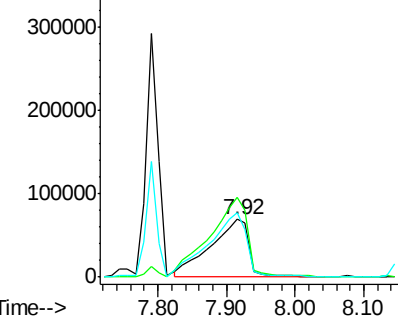


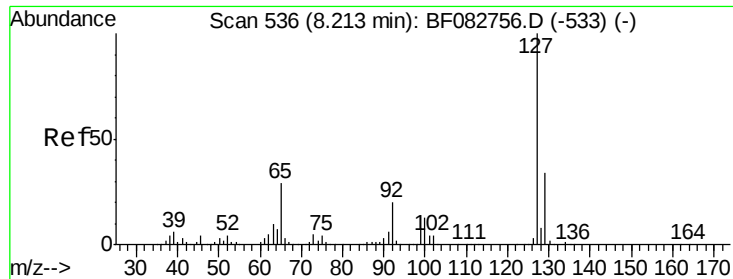
#32
Benzoic acid
Concen: 39.08 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:122 Resp: 265751
Ion Ratio Lower Upper
122 100
105 138.1 122.6 162.6
77 112.0 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

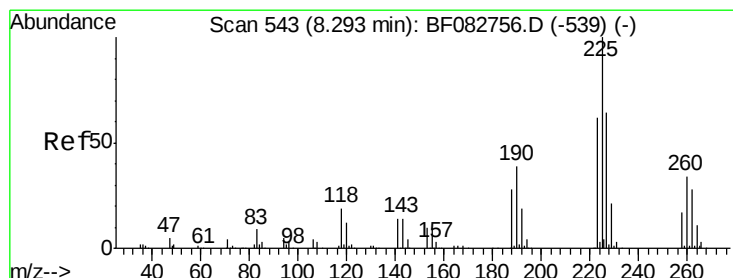
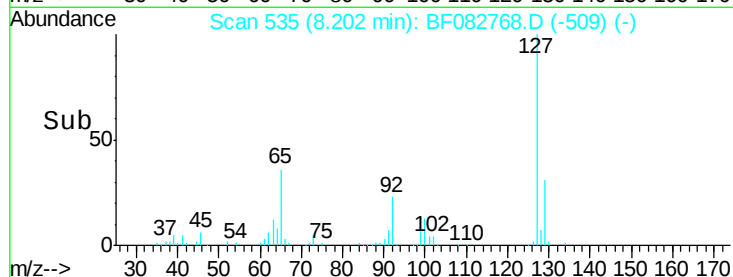
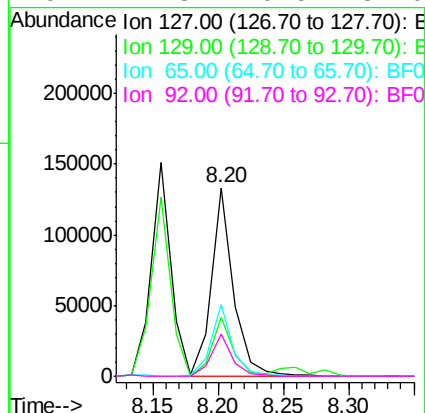
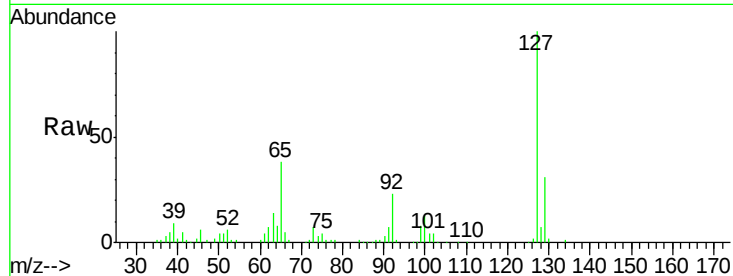




#33
4-Chloroaniline
Concen: 11.68 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

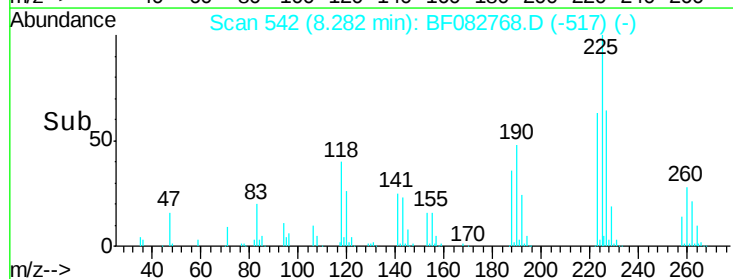
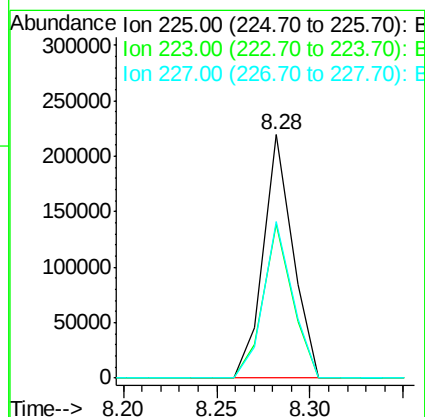
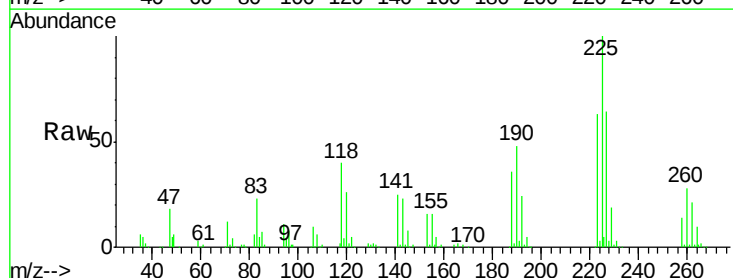
Instrument :
BNA_F
ClientSampleId :
PB86421BS

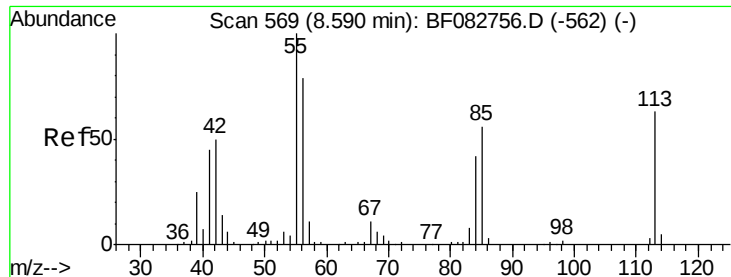
Tgt Ion:	127	Resp:	156421
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	38.2	37.8	56.8
92	22.8	20.6	31.0



#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:	225	Resp:	240488
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.5	75.7
227	64.2	50.2	75.2

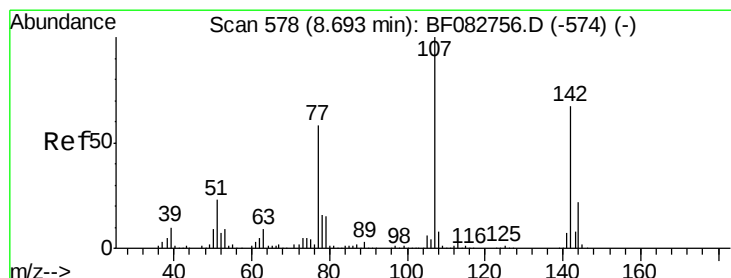
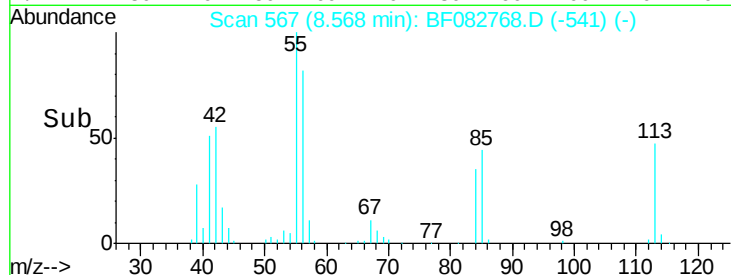
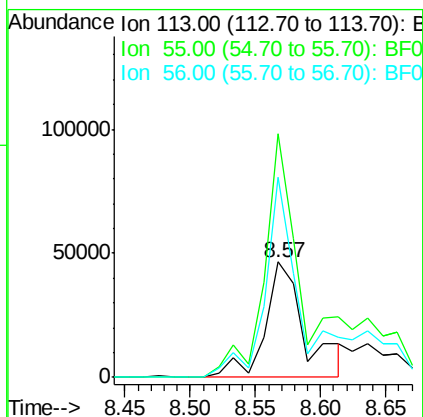
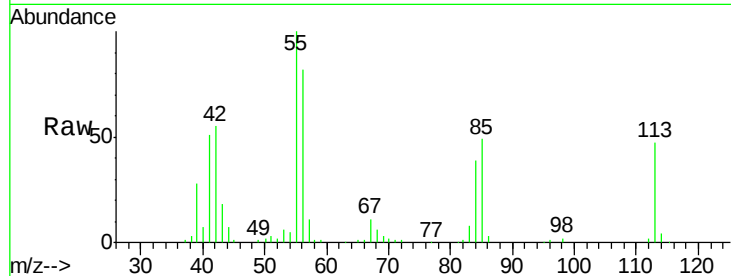




#35
 Caprolactam
 Concen: 35.26 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

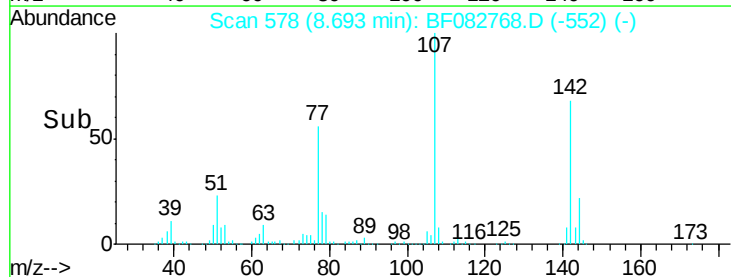
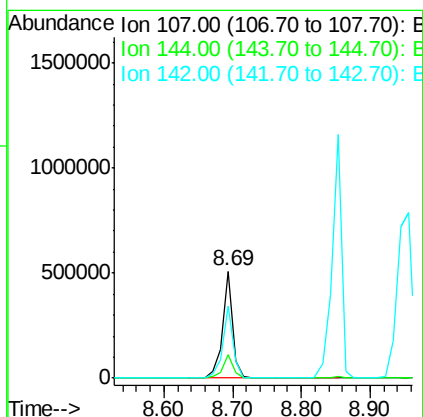
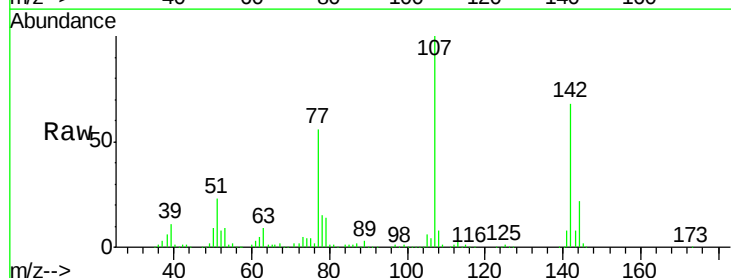
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

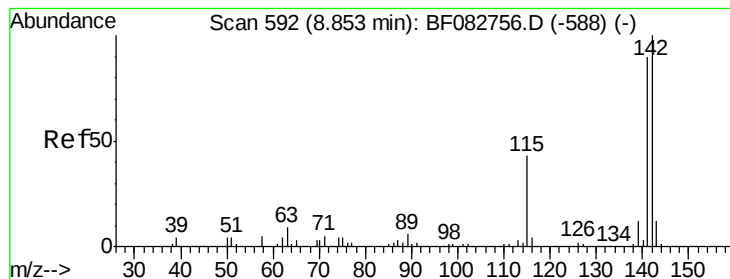
Tgt Ion:113 Resp: 99772
 Ion Ratio Lower Upper
 113 100
 55 211.4 195.5 235.5
 56 173.5 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 50.32 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:107 Resp: 531133
 Ion Ratio Lower Upper
 107 100
 144 21.8 15.4 23.0
 142 68.2 47.8 71.8

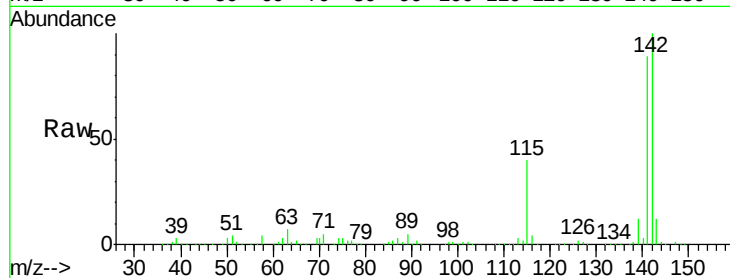




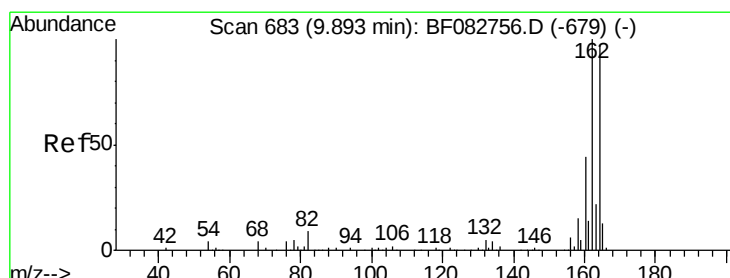
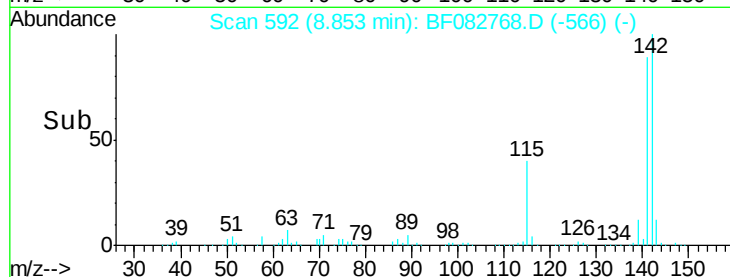
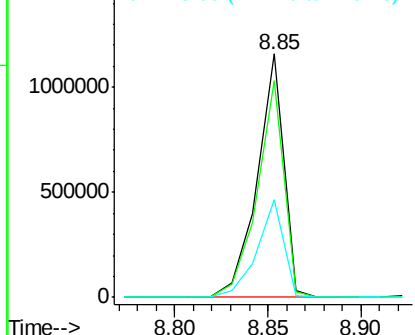
#37
2-Methylnaphthalene
Concen: 56.69 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:142 Resp: 1140060
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5
115 40.2 38.1 57.1

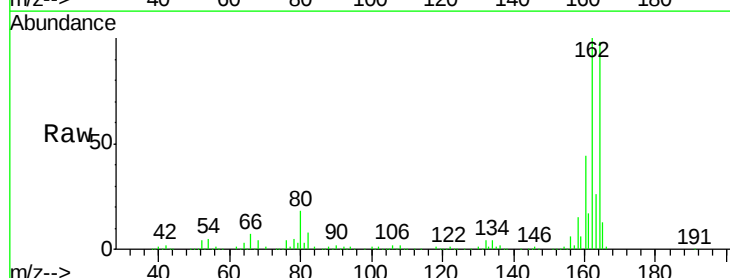


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

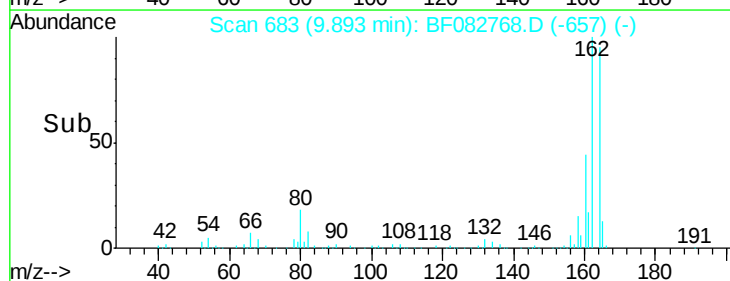
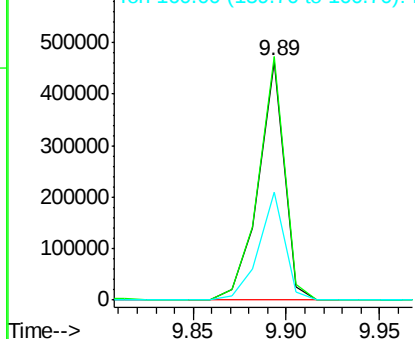


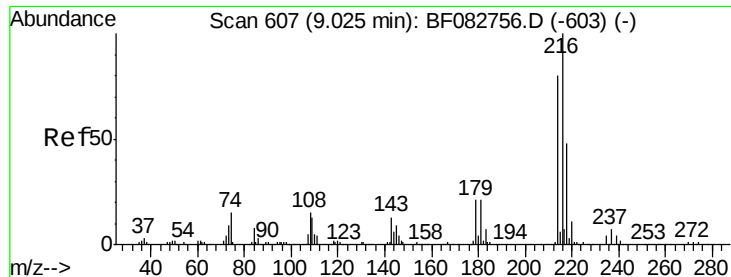
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:164 Resp: 446306
Ion Ratio Lower Upper
164 100
162 102.1 84.9 127.3
160 45.0 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

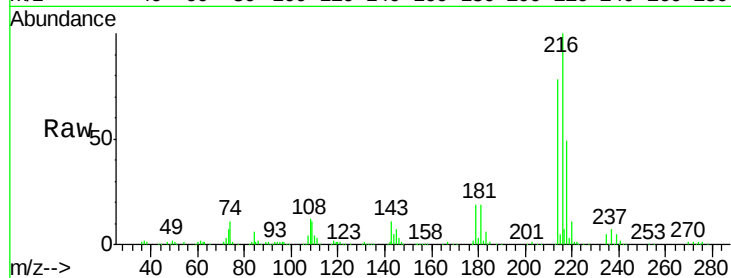




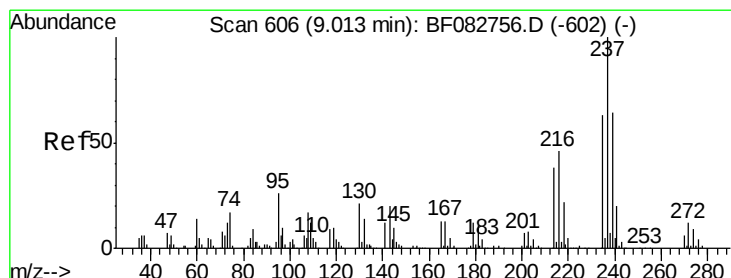
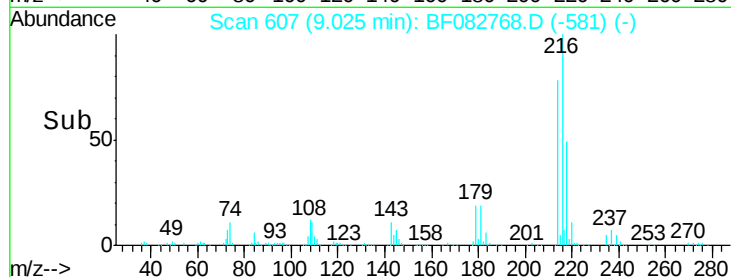
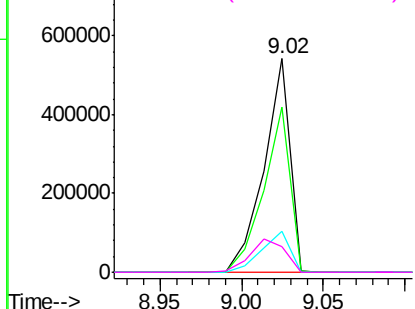
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.02 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:	216	Resp:	601682
Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.2	93.2
179	21.0	18.1	27.1
108	20.6	16.6	25.0

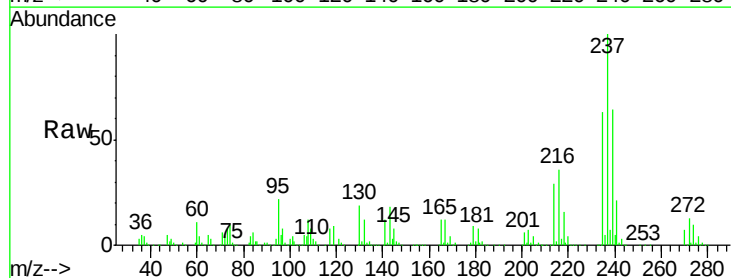


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

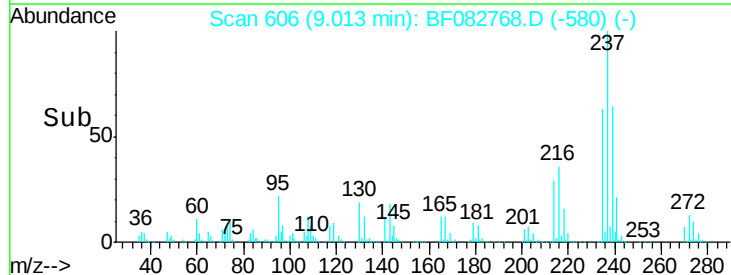
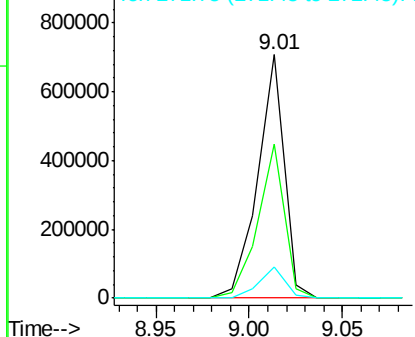


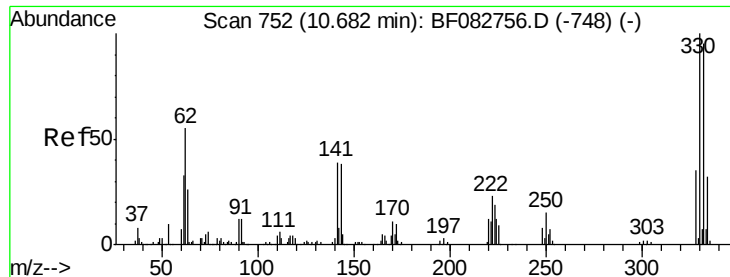
#40
 Hexachlorocyclopentadiene
 Concen: 87.88 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:	237	Resp:	692484
Ion	Ratio	Lower	Upper
237	100		
235	63.4	44.3	84.3
272	12.6	0.0	31.9



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

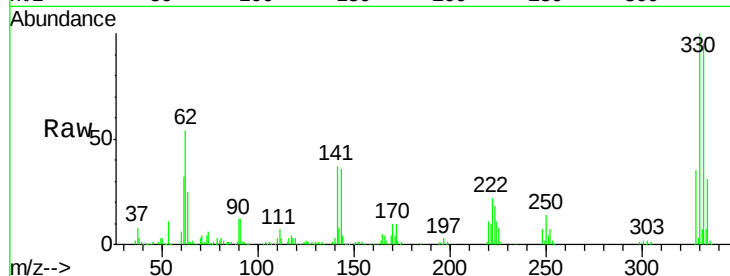




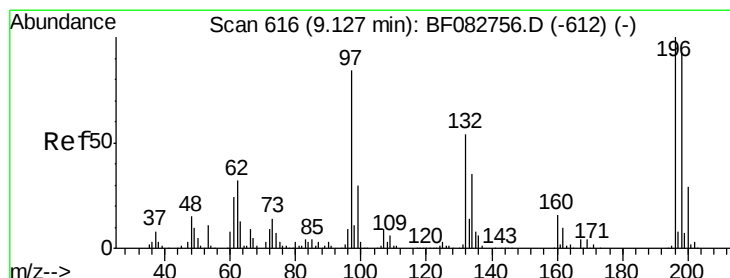
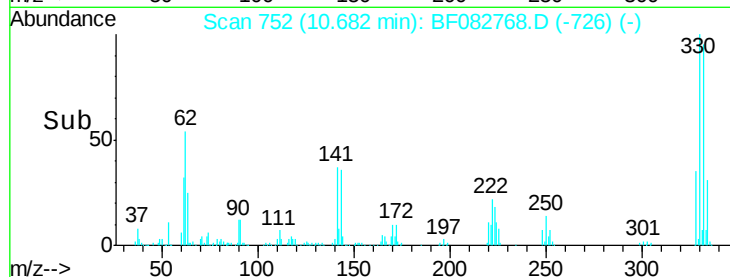
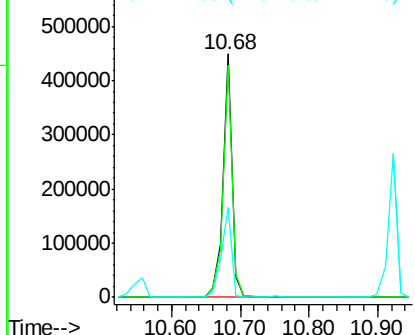
#41
 2,4,6-Tribromophenol
 Concen: 82.72 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:330 Resp: 423283
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 41.4 41.2 61.8

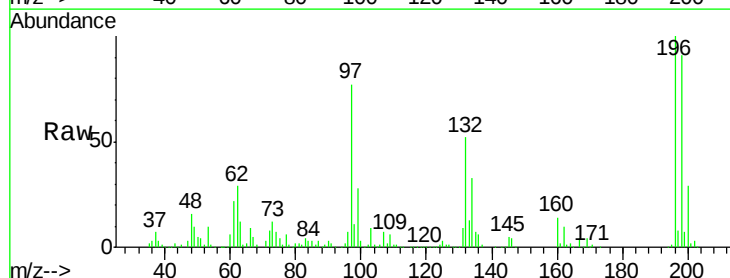


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

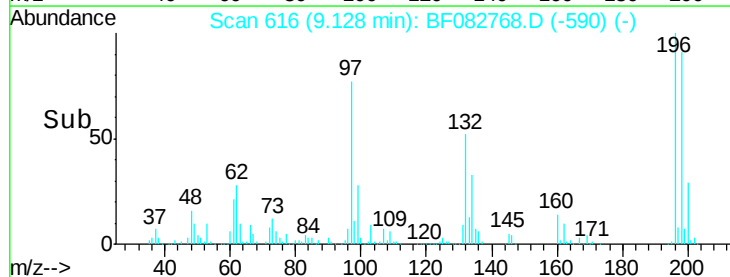
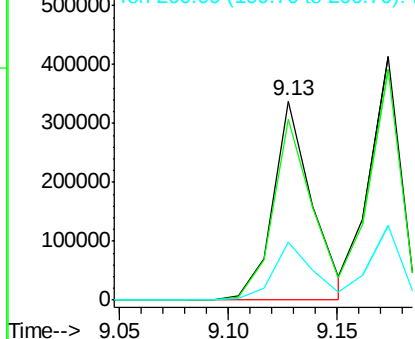


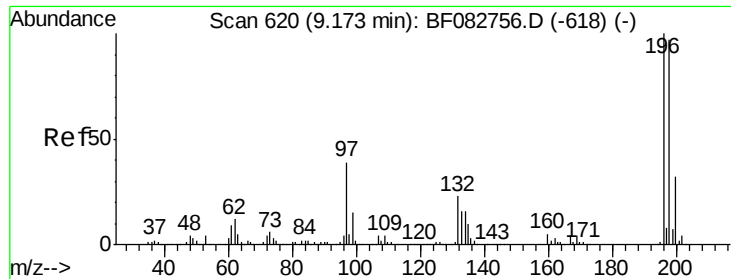
#42
 2,4,6-Trichlorophenol
 Concen: 38.46 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:196 Resp: 421006
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.3 114.5
 200 29.3 23.9 35.9



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

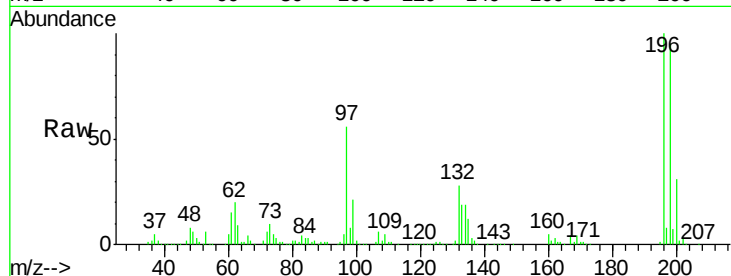




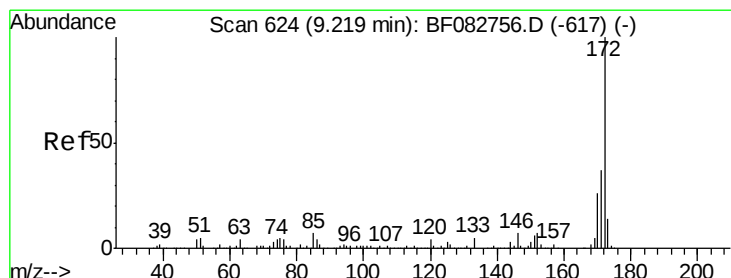
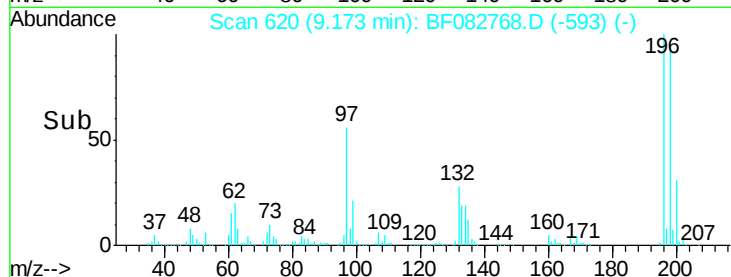
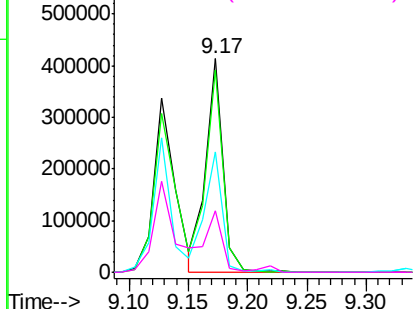
#43
 2,4,5-Trichlorophenol
 Concen: 38.40 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:196 Resp: 415740
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.8 113.8
 97 56.4 62.3 93.5#
 132 28.5 27.4 41.2

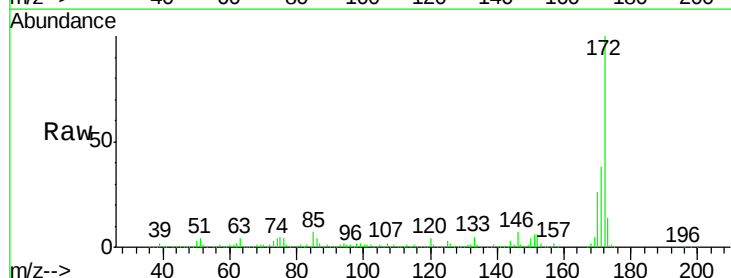


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

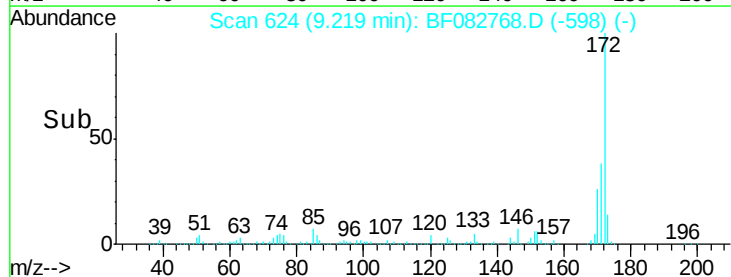
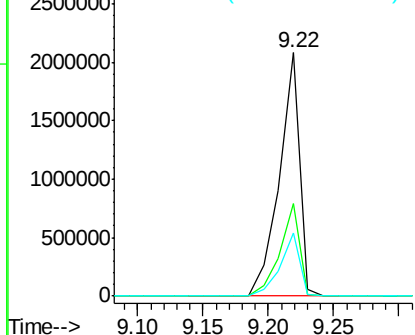


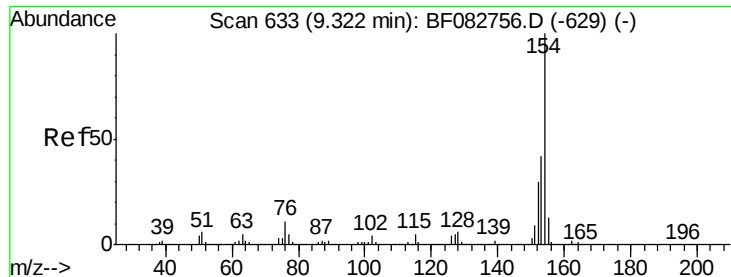
#44
 2-Fluorobiphenyl
 Concen: 72.85 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:172 Resp: 2268422
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 25.8 21.2 31.8



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

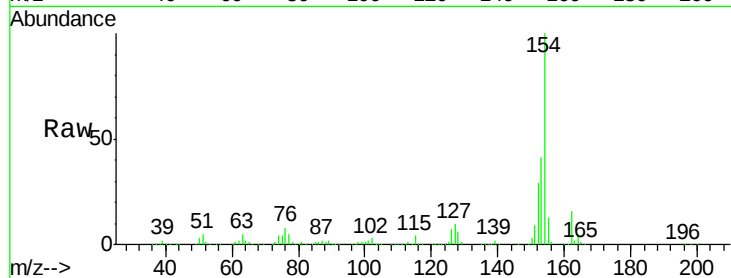




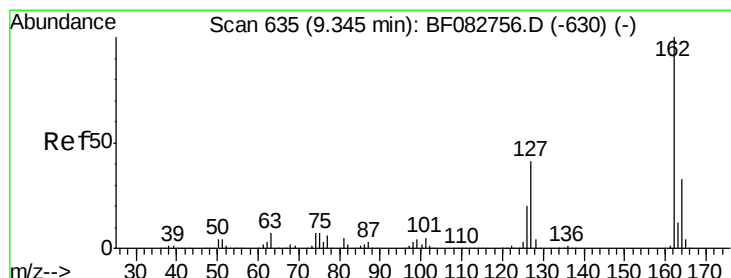
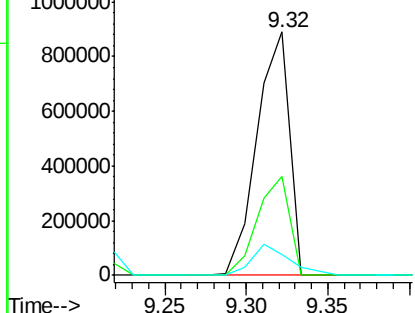
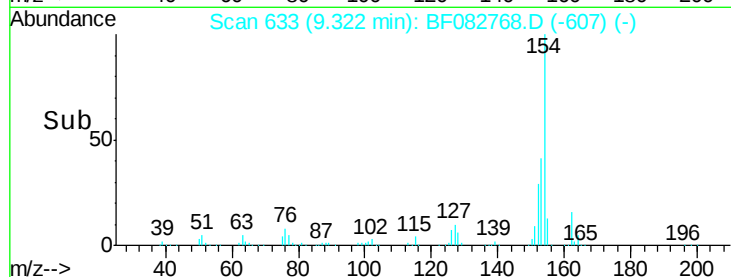
#45
 1,1'-Biphenyl
 Concen: 32.06 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:154 Resp: 1227638
 Ion Ratio Lower Upper
 154 100
 153 40.9 22.0 62.0
 76 8.5 0.0 29.0

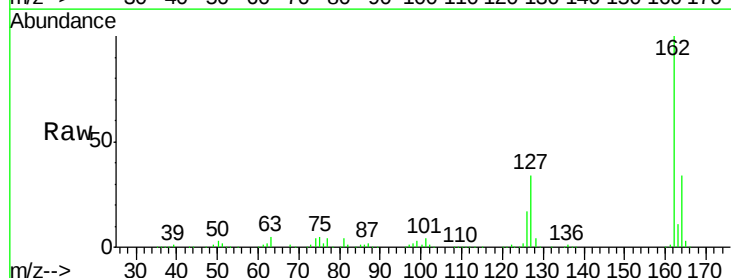


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

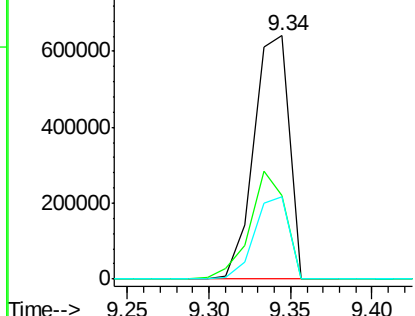
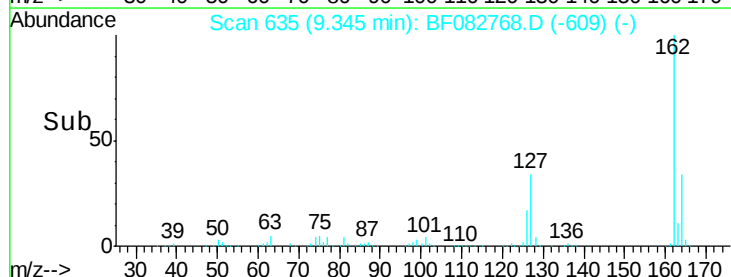


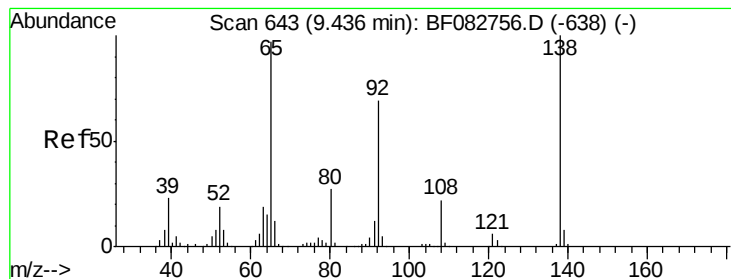
#46
 2-Chloronaphthalene
 Concen: 32.24 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:162 Resp: 963015
 Ion Ratio Lower Upper
 162 100
 127 34.2 32.7 49.1
 164 34.0 27.4 41.0



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: 33.54 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

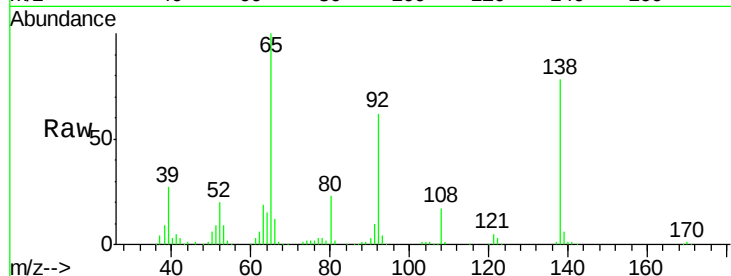
Tgt Ion: 65 Resp: 371721

Ion Ratio Lower Upper

65 100

92 62.0 46.6 70.0

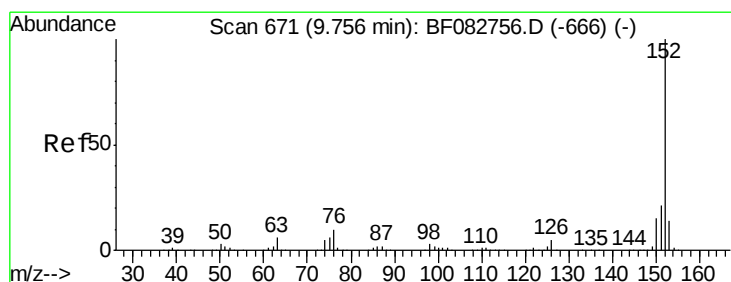
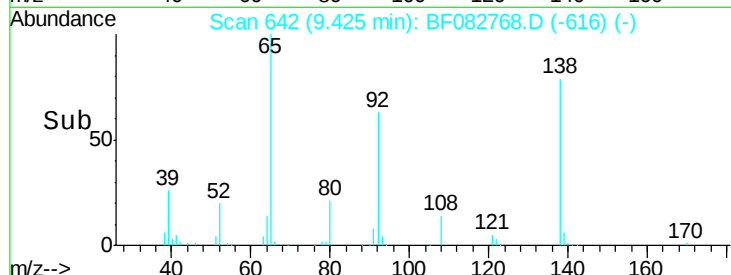
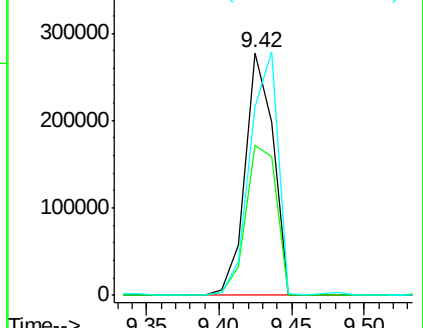
138 77.9 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.32 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

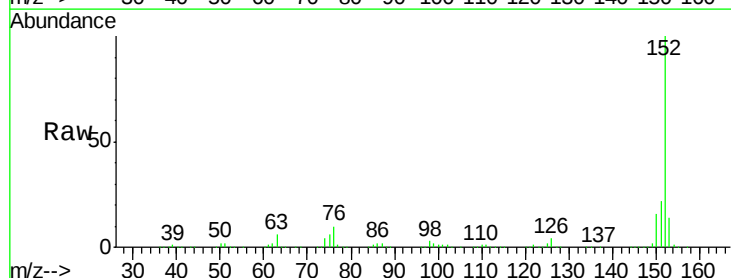
Tgt Ion: 152 Resp: 1934297

Ion Ratio Lower Upper

152 100

151 21.7 17.3 25.9

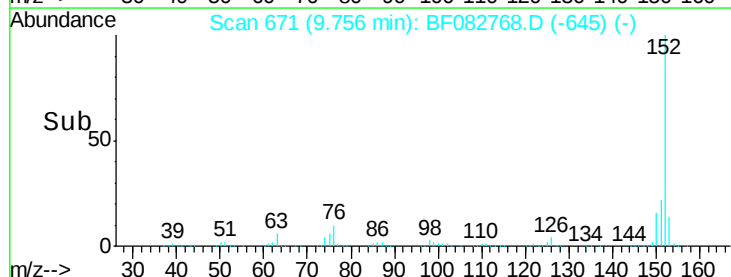
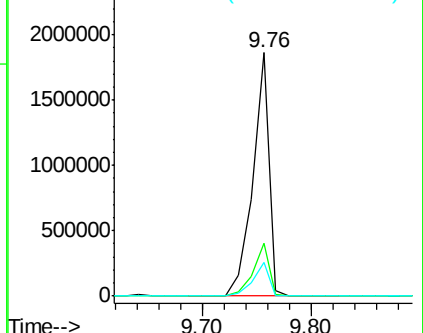
153 13.8 11.3 16.9

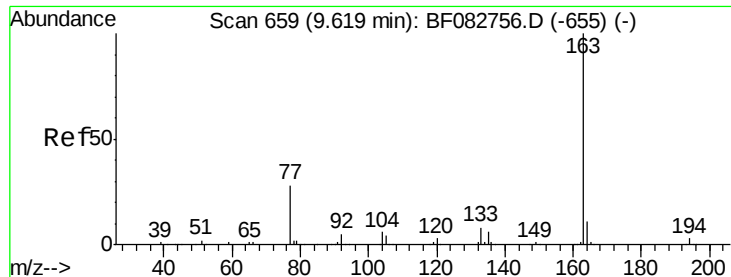


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

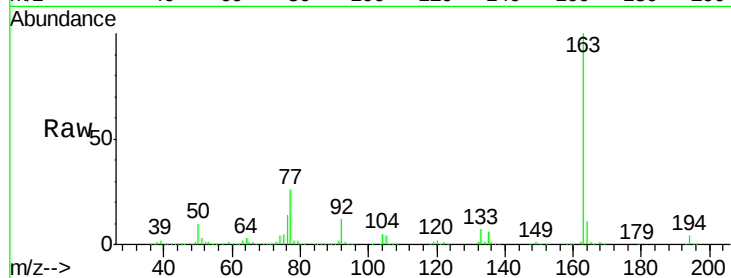




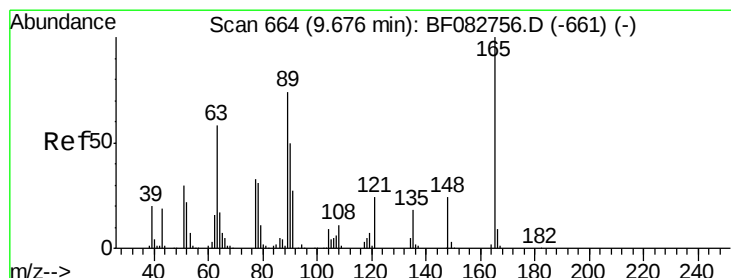
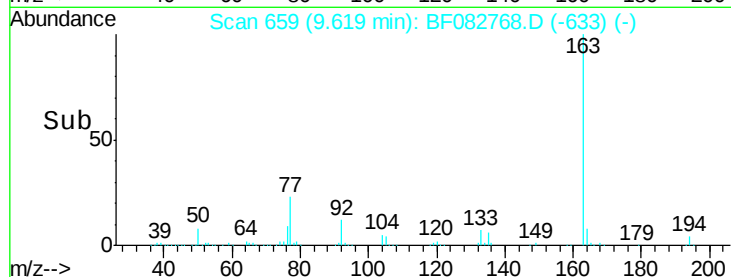
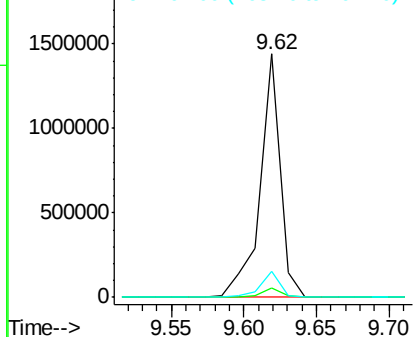
#49
Dimethylphthalate
Concen: 38.04 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:163 Resp: 1390988
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.9 8.7 13.1

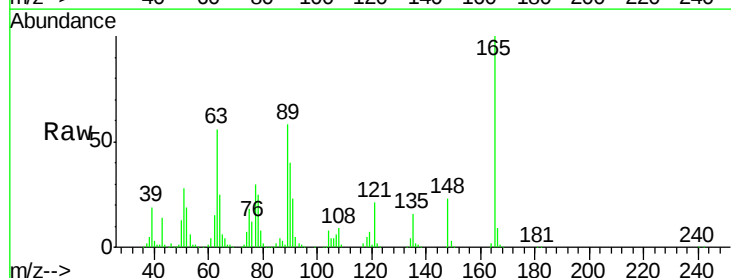


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

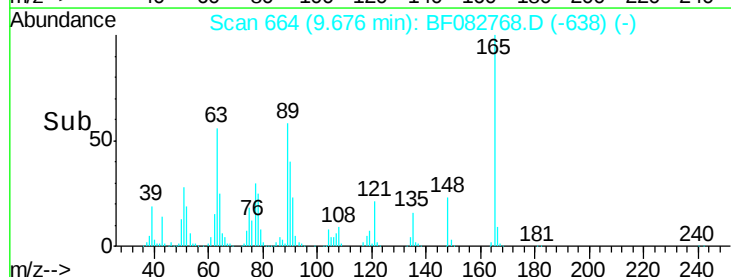
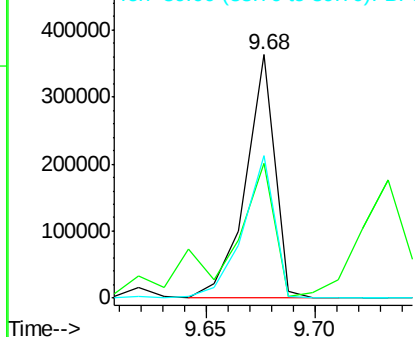


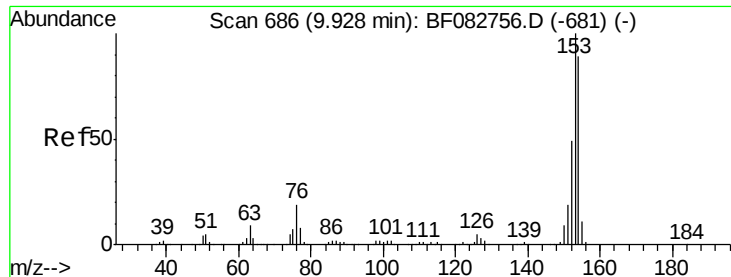
#50
2,6-Dinitrotoluene
Concen: 43.62 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:165 Resp: 340296
Ion Ratio Lower Upper
165 100
63 55.5 55.5 83.3#
89 58.4 55.0 82.6



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: 40.67 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

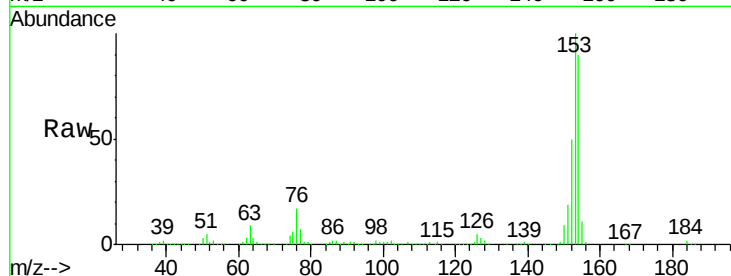
Tgt Ion:154 Resp: 1206735

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

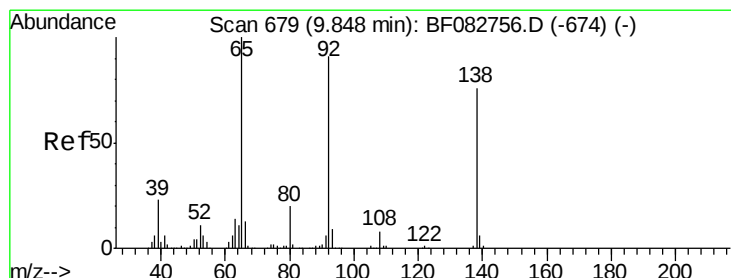
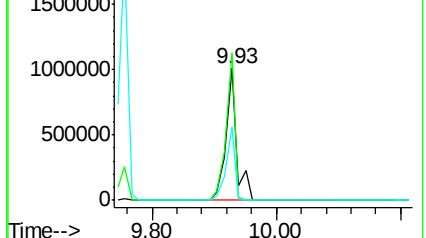
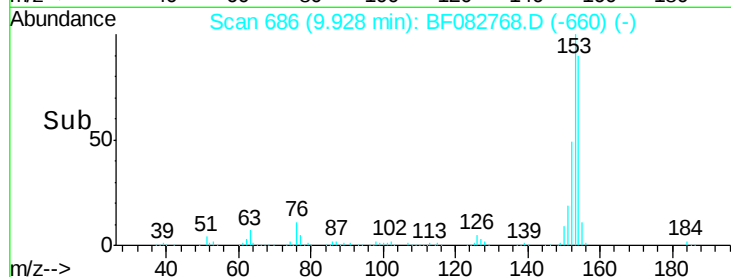
152 55.5 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.18 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

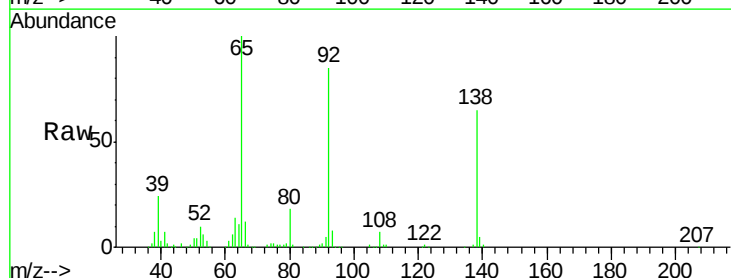
Tgt Ion:138 Resp: 156010

Ion Ratio Lower Upper

138 100

108 11.0 11.3 16.9#

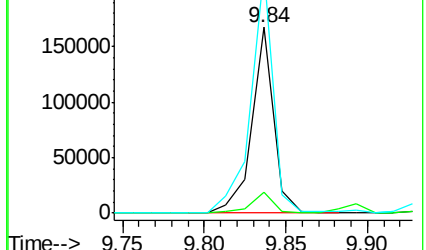
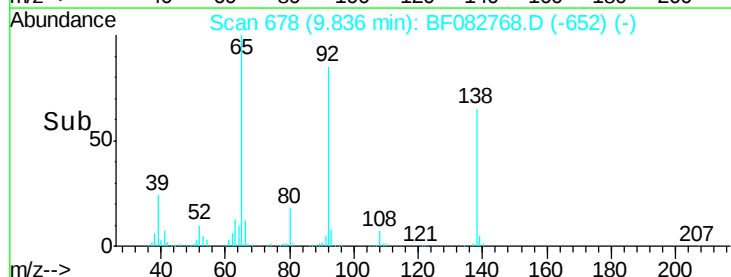
92 130.9 122.4 183.6

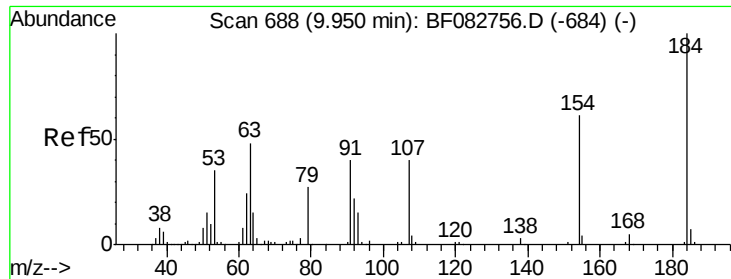


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

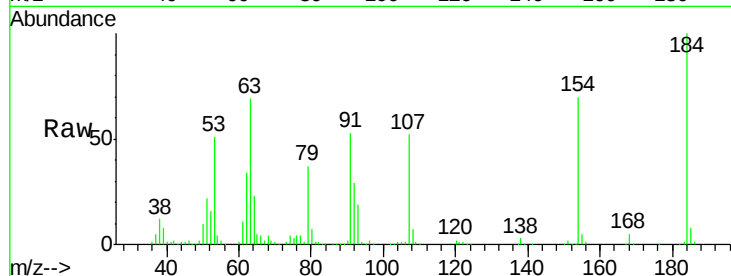




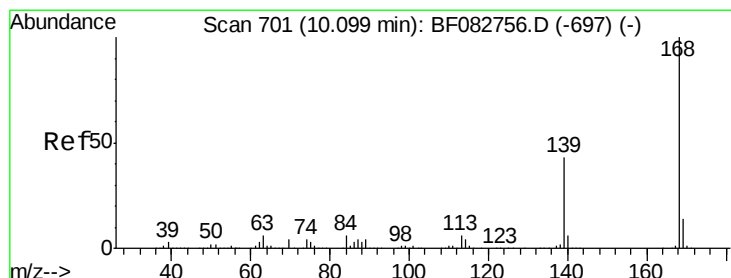
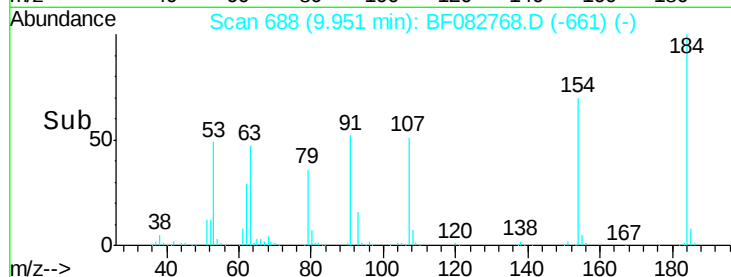
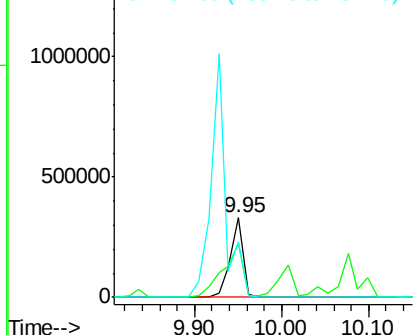
#53
 2,4-Dinitrophenol
 Concen: 78.70 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:184 Resp: 337121
 Ion Ratio Lower Upper
 184 100
 63 68.8 98.6 148.0#
 154 70.3 183.9 275.9#

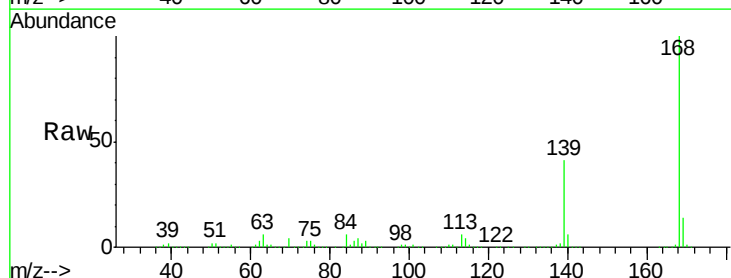


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

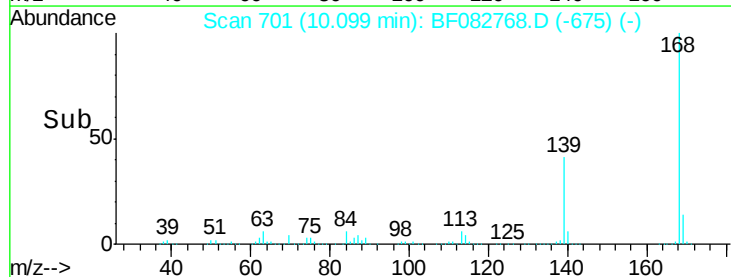
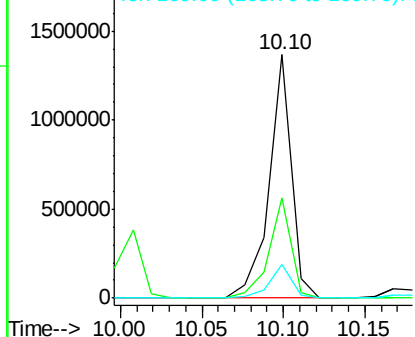


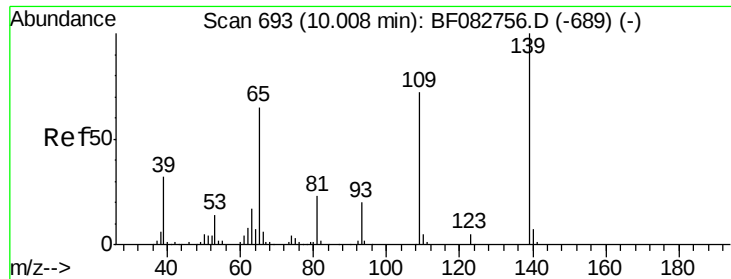
#54
 Dibenzofuran
 Concen: 32.48 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:168 Resp: 1299146
 Ion Ratio Lower Upper
 168 100
 139 41.0 37.8 56.6
 169 13.8 11.3 16.9



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

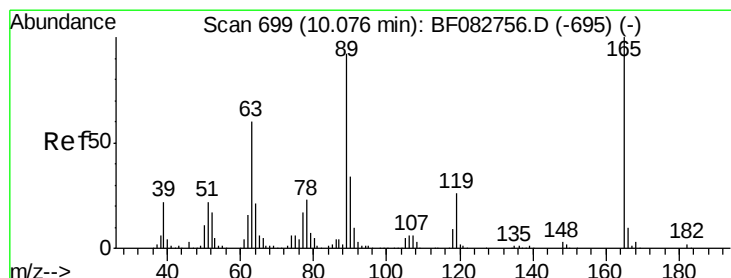
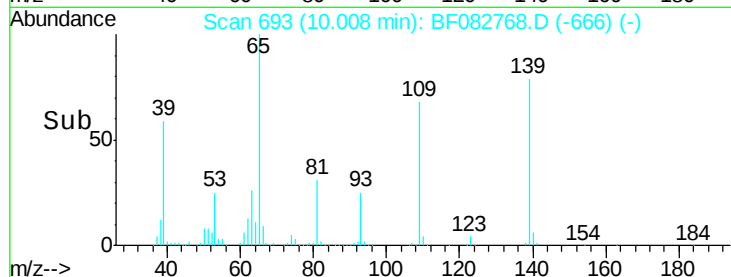
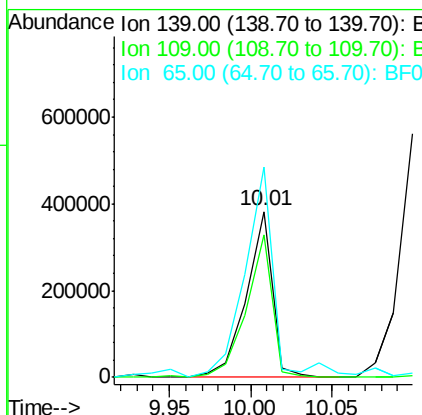
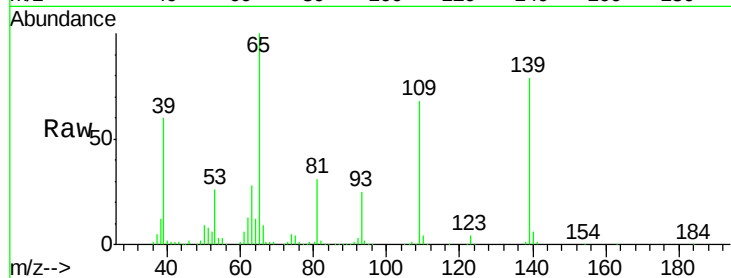




#55
4-Nitrophenol
Concen: 65.15 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

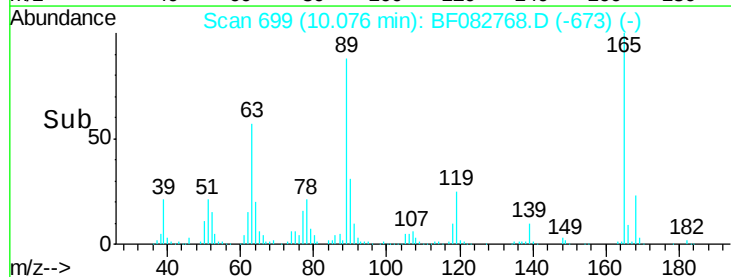
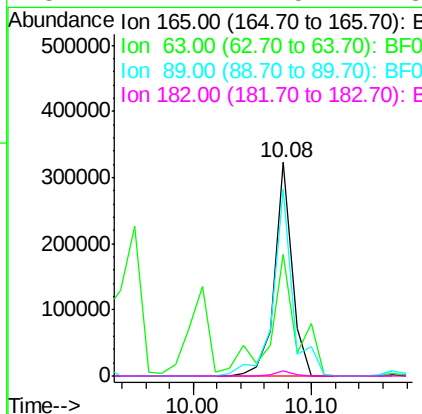
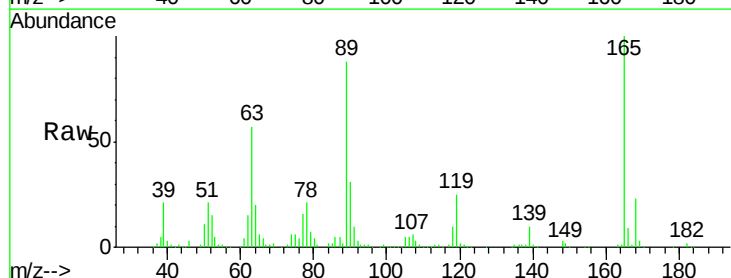
Instrument :
BNA_F
ClientSampleId :
PB86421BS

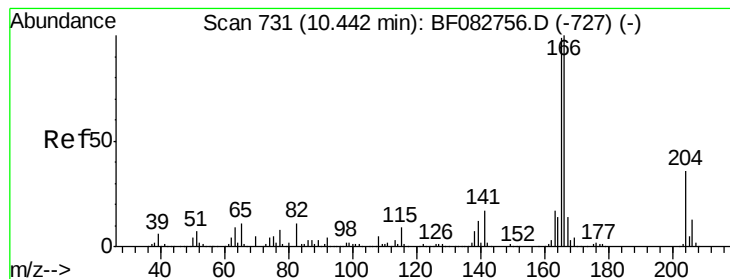
Tgt Ion:139 Resp: 428890
Ion Ratio Lower Upper
139 100
109 85.9 73.7 113.7
65 126.3 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 31.18 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:165 Resp: 330056
Ion Ratio Lower Upper
165 100
63 56.7 43.4 65.0
89 87.8 70.6 106.0
182 2.2 1.5 2.3





#57

Fluorene

Concen: 29.60 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

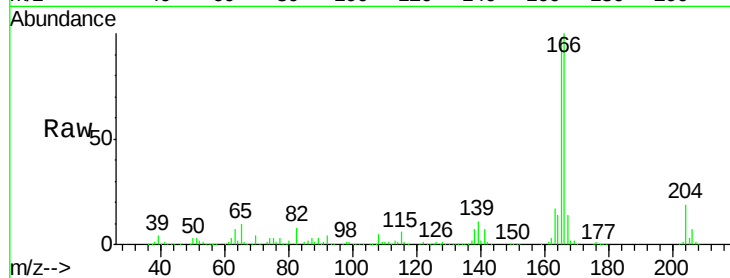
Tgt Ion:166 Resp: 958925

Ion Ratio Lower Upper

166 100

165 97.6 80.2 120.4

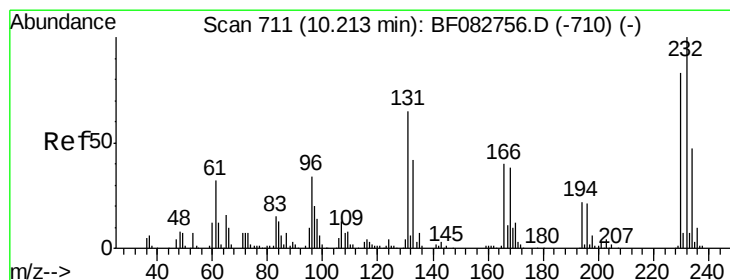
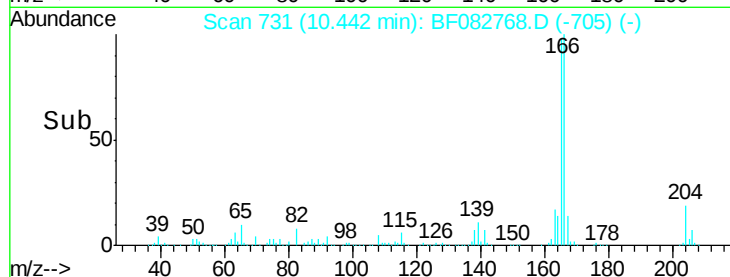
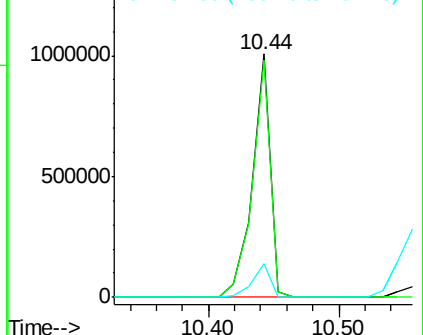
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.55 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Tgt Ion:232 Resp: 243461

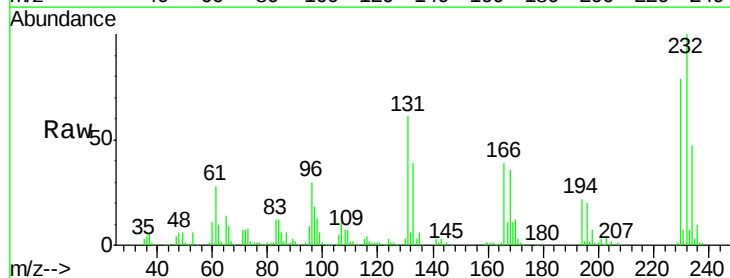
Ion Ratio Lower Upper

232 100

131 49.7 46.2 69.2

130 2.5 2.4 3.6

166 32.3 28.2 42.2

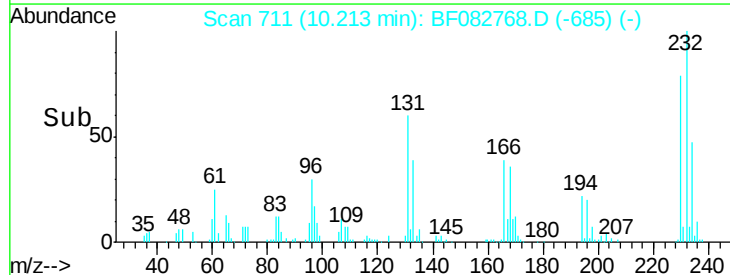
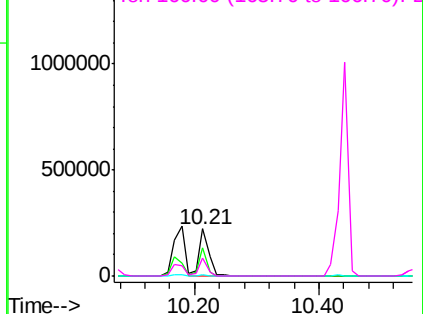


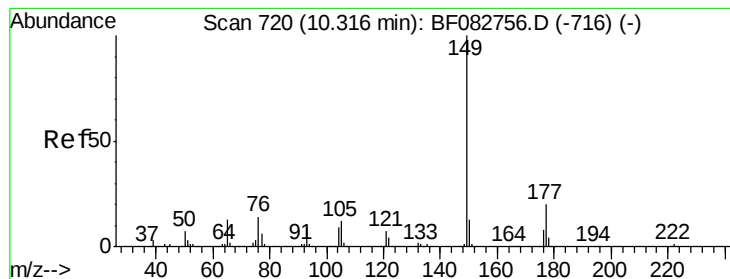
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 26.83 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

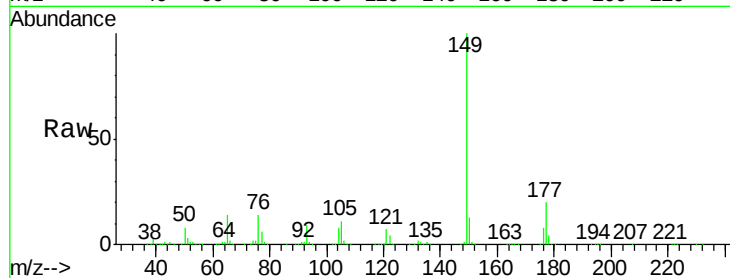
Tgt Ion:149 Resp: 957824

Ion Ratio Lower Upper

149 100

177 20.4 17.9 26.9

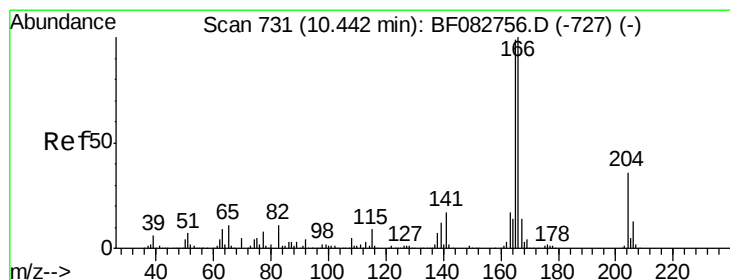
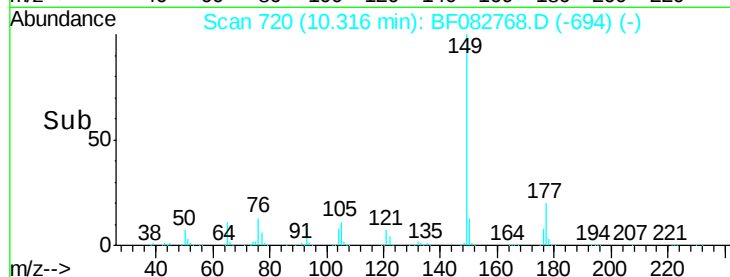
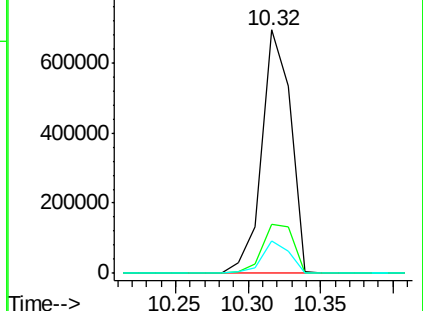
150 13.3 10.1 15.1



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: 24.74 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

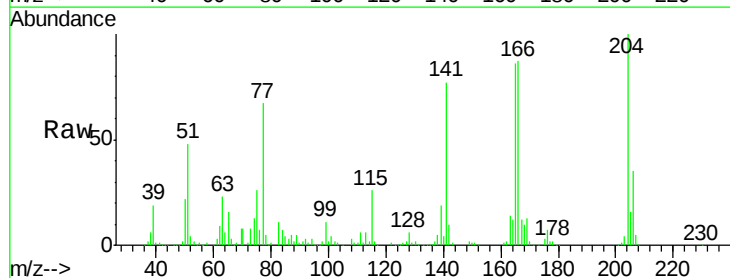
Tgt Ion:204 Resp: 400979

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

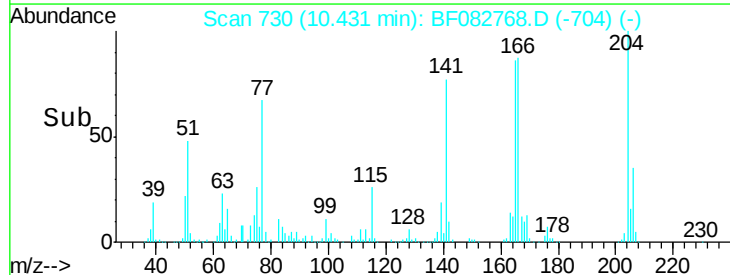
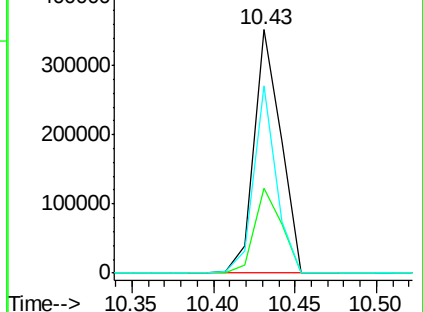
141 77.1 44.6 66.8#

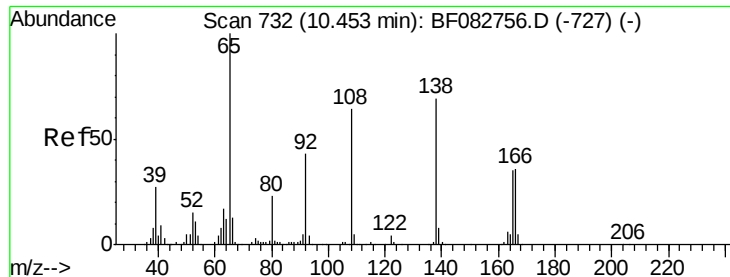


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

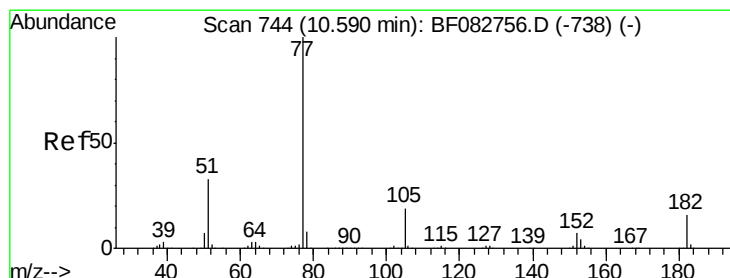
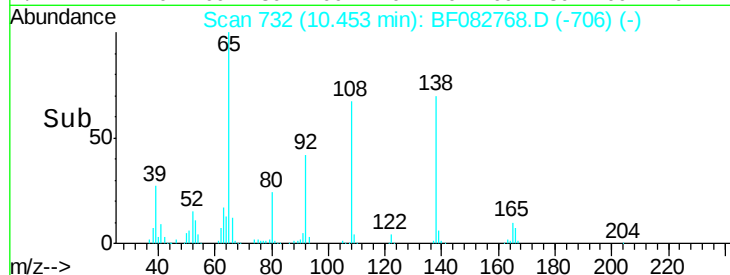
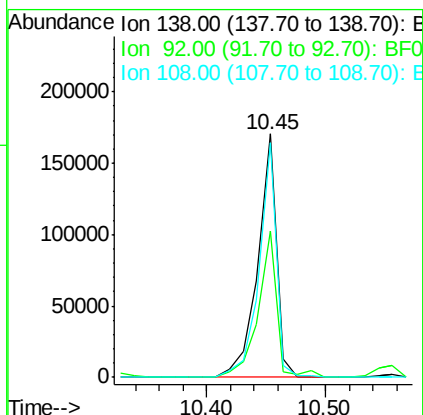
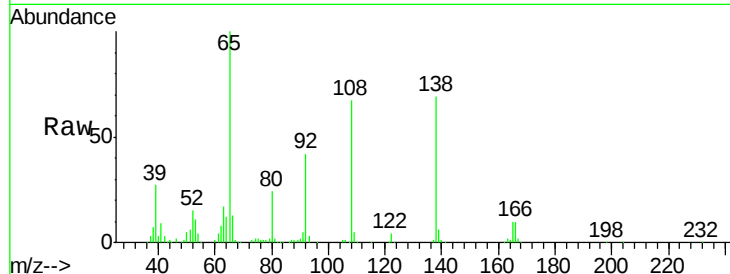




#61
4-Nitroaniline
Concen: 21.99 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

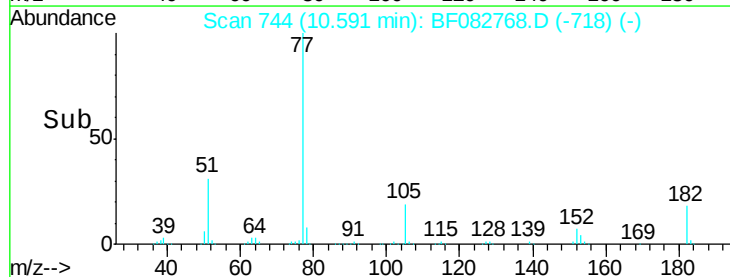
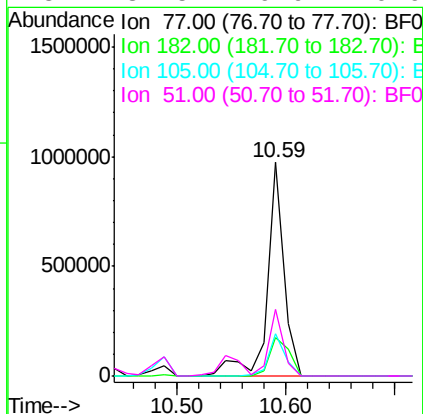
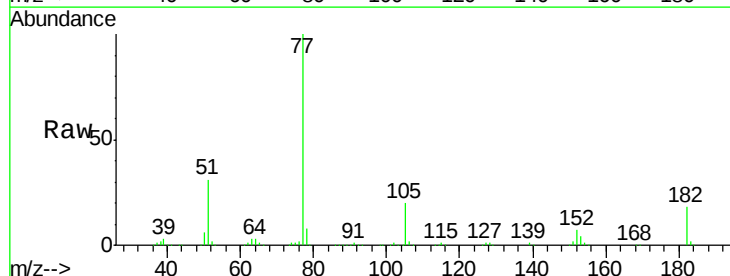
Instrument :
BNA_F
ClientSampleId :
PB86421BS

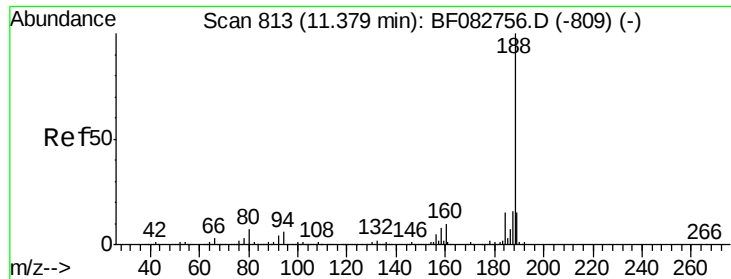
Tgt Ion:138 Resp: 189778
Ion Ratio Lower Upper
138 100
92 60.3 45.8 85.8
108 96.4 89.4 129.4



#62
Azobenzene
Concen: 27.52 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion: 77 Resp: 1055357
Ion Ratio Lower Upper
77 100
182 17.8 9.3 49.3
105 19.6 2.6 42.6
51 31.5 9.9 49.9

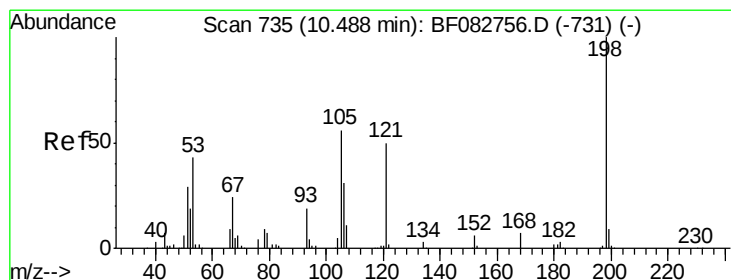
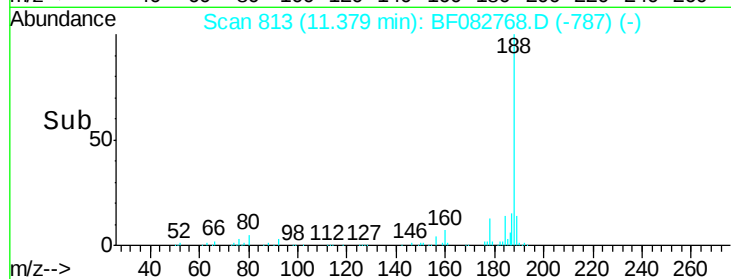
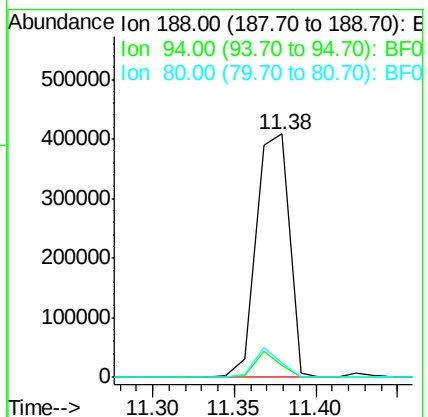
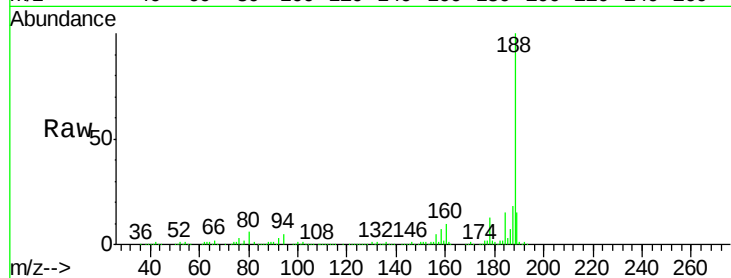




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

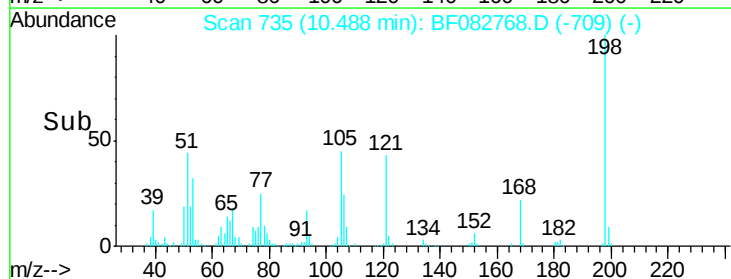
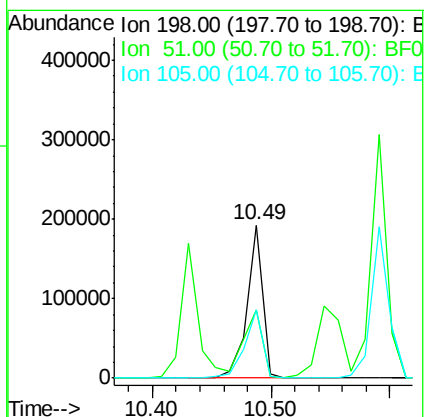
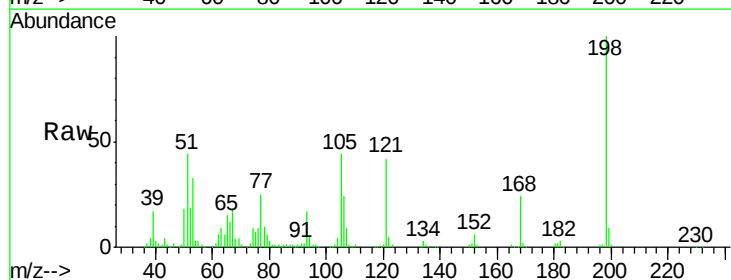
Instrument :
BNA_F
ClientSampleId :
PB86421BS

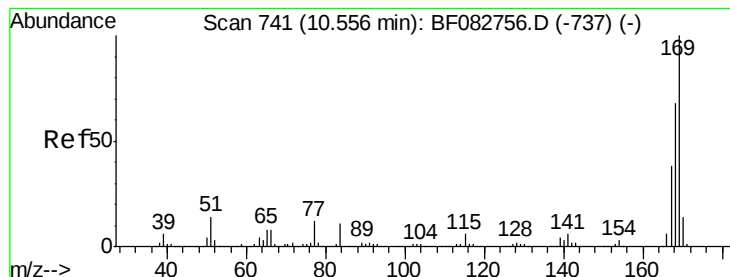
Tgt Ion:188 Resp: 575588
Ion Ratio Lower Upper
188 100
94 5.1 6.1 9.1#
80 5.9 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.47 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:198 Resp: 178274
Ion Ratio Lower Upper
198 100
51 44.5 17.3 57.3
105 44.5 21.7 61.7

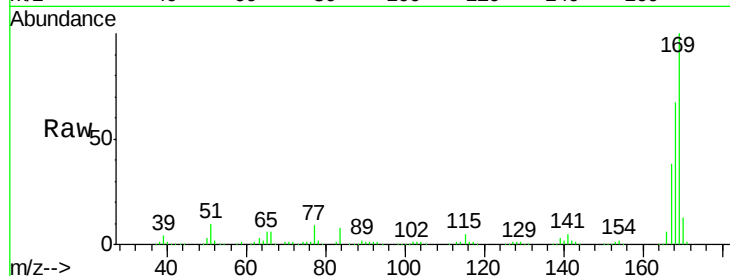




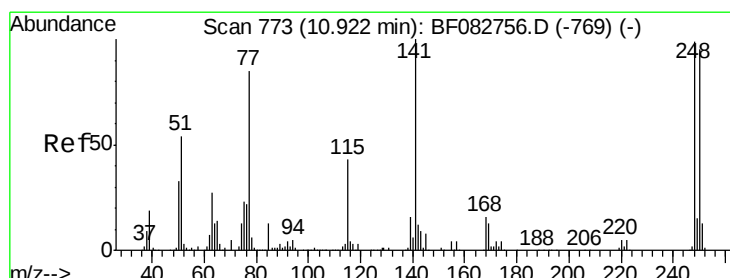
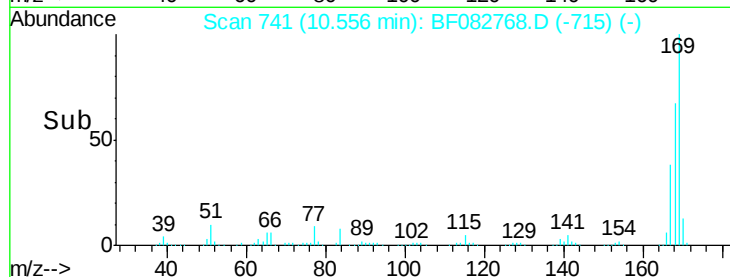
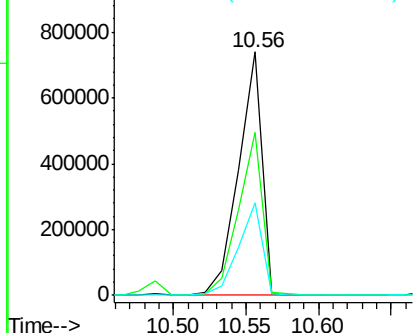
#65
n-Nitrosodiphenylamine
Concen: 39.89 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:169 Resp: 829480
Ion Ratio Lower Upper
169 100
168 67.1 55.0 82.6
167 38.1 30.5 45.7

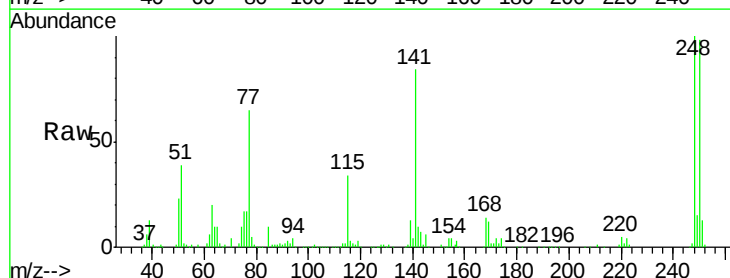


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

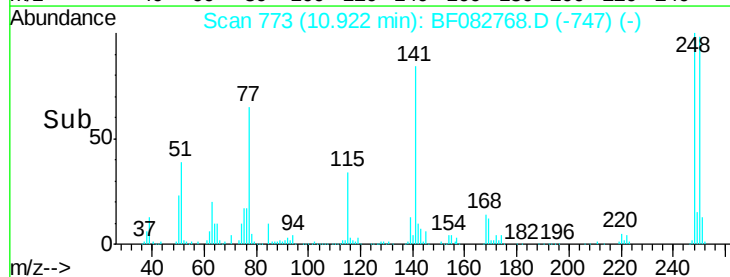
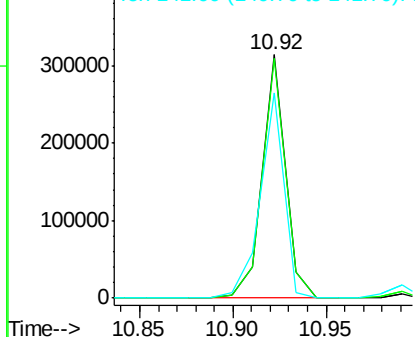


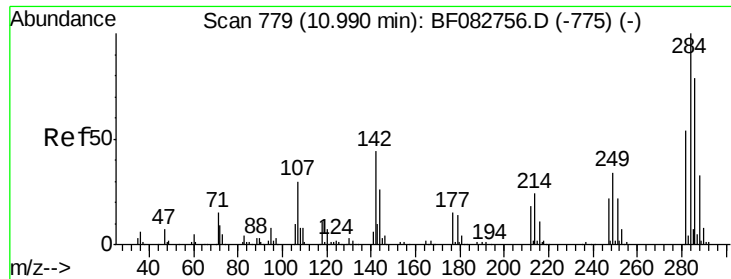
#66
4-Bromophenyl-phenylether
Concen: 38.77 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:248 Resp: 268710
Ion Ratio Lower Upper
248 100
250 98.2 79.4 119.2
141 84.5 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.96 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

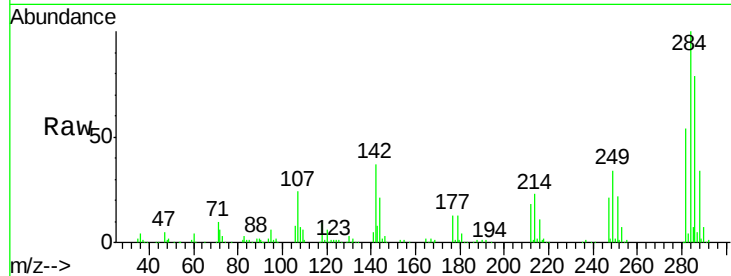
Tgt Ion:284 Resp: 301467

Ion Ratio Lower Upper

284 100

142 37.1 47.9 71.9#

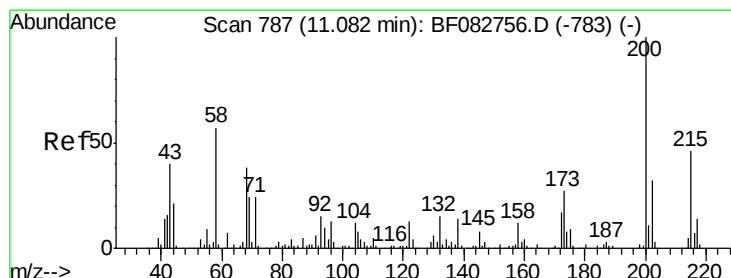
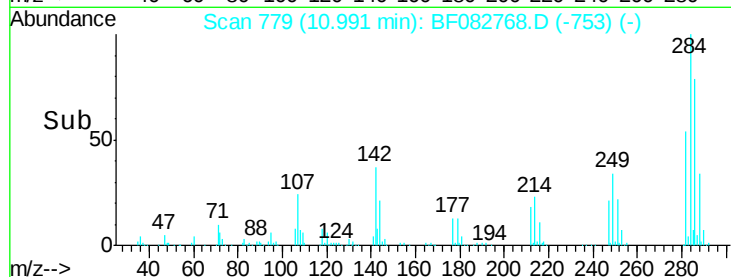
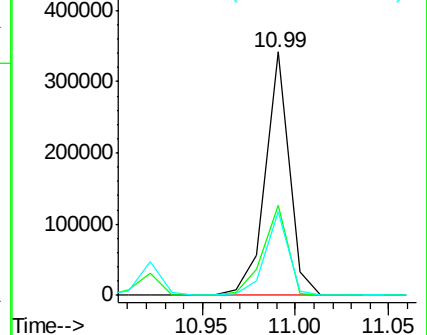
249 34.3 29.7 44.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.21 ng

RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

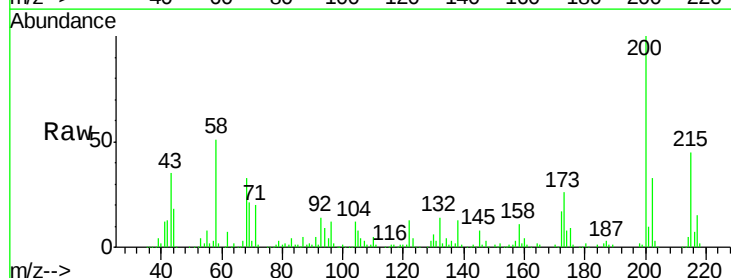
Tgt Ion:200 Resp: 277843

Ion Ratio Lower Upper

200 100

173 26.1 6.9 46.9

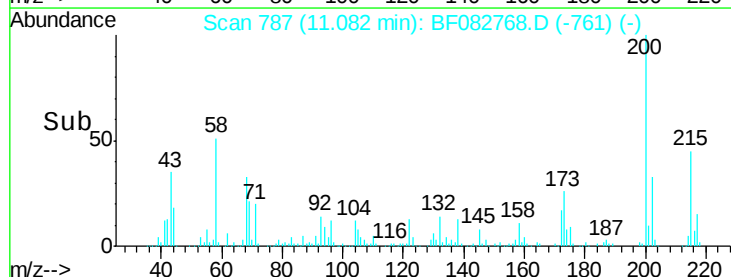
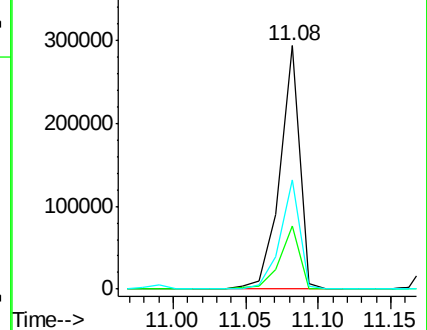
215 44.8 22.9 62.9

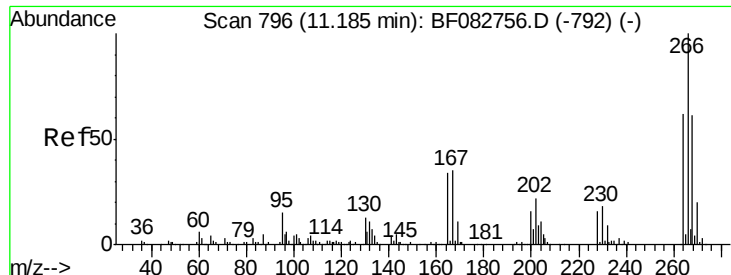


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

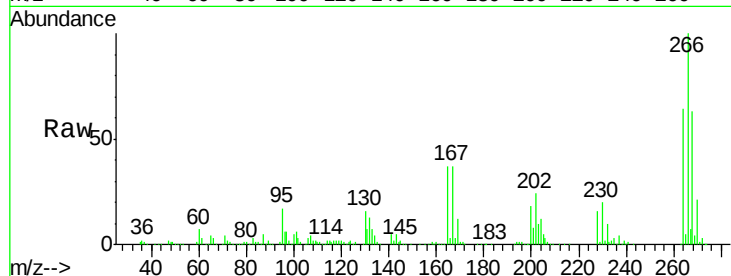




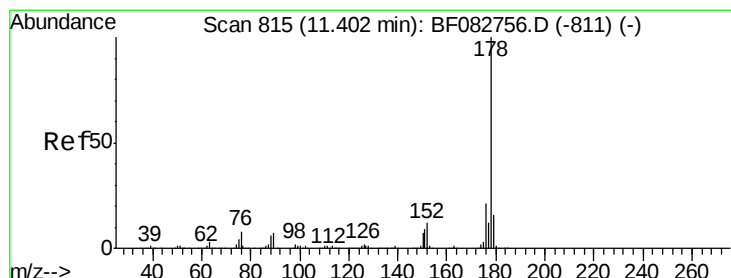
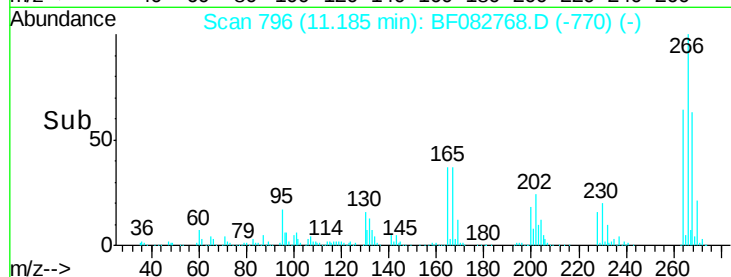
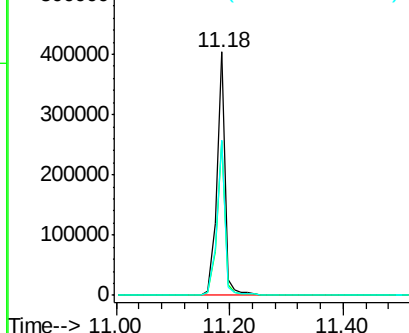
#69
 Pentachlorophenol
 Concen: 85.73 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion:266 Resp: 402880
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.0 76.6
 264 64.0 50.6 75.8

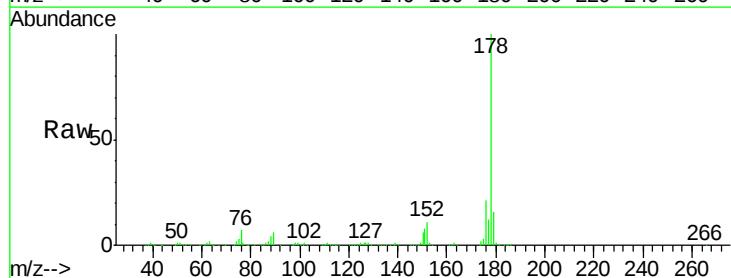


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

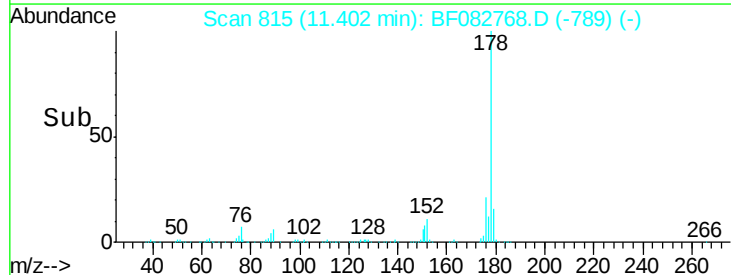
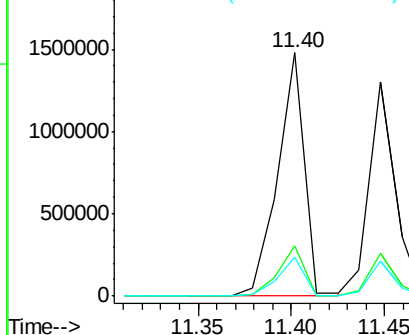


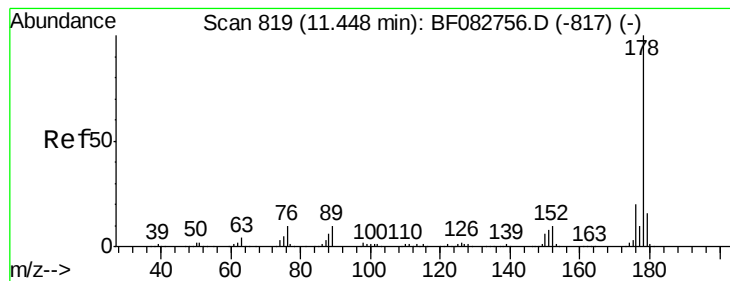
#70
 Phenanthrene
 Concen: 44.33 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:178 Resp: 1481896
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.0 25.4
 179 15.9 13.4 20.0



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





#71

Anthracene

Concen: 35.69 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

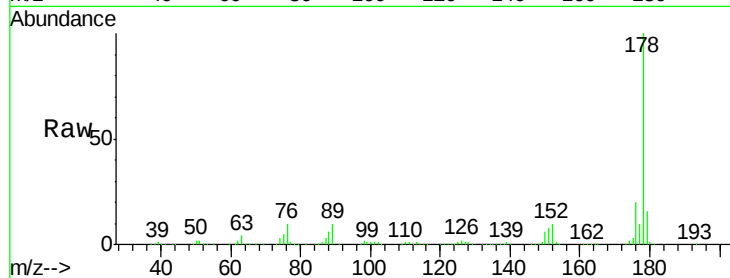
Tgt Ion:178 Resp: 1256601

Ion Ratio Lower Upper

178 100

176 20.0 16.5 24.7

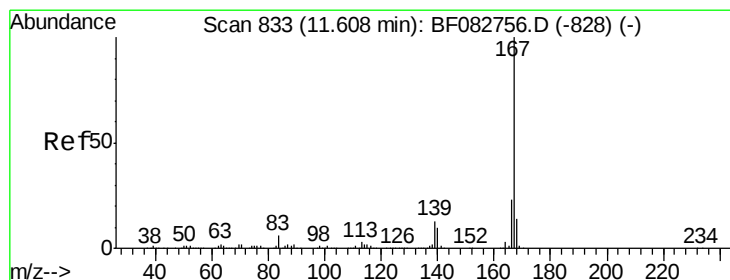
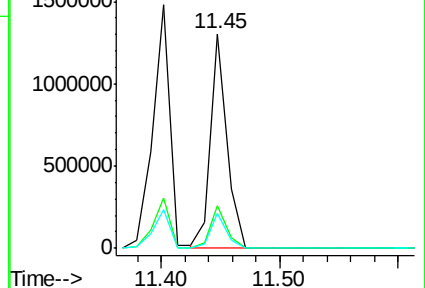
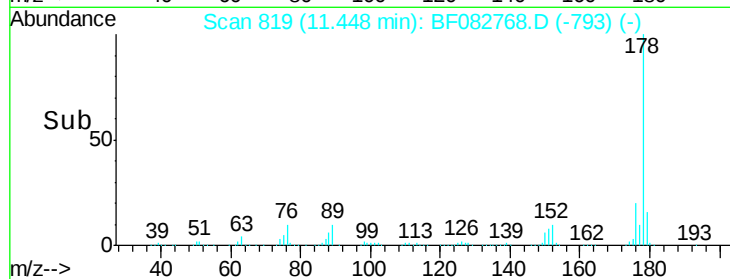
179 16.4 13.2 19.8



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: 40.69 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

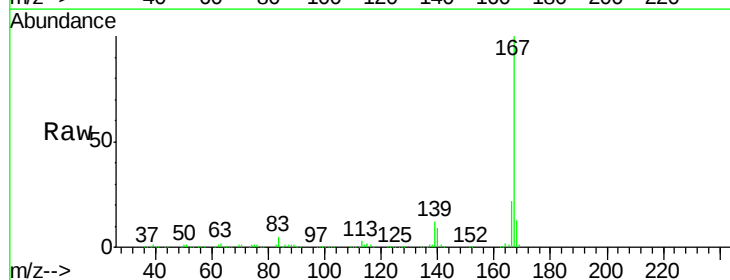
Tgt Ion:167 Resp: 1254235

Ion Ratio Lower Upper

167 100

166 22.4 18.7 28.1

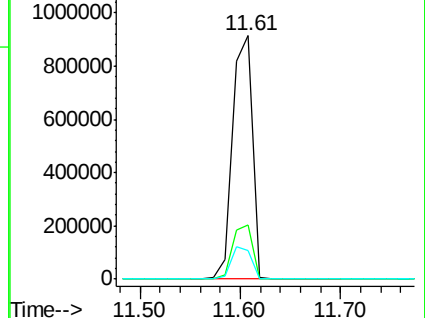
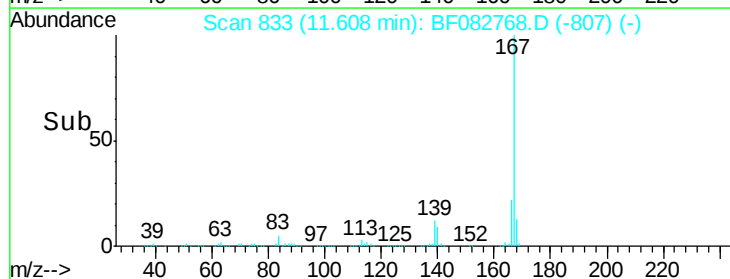
139 11.8 11.8 17.6

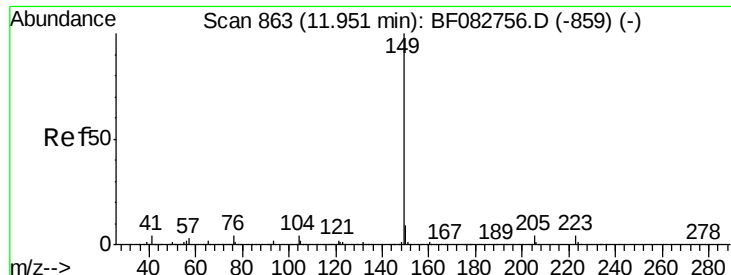


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.65 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

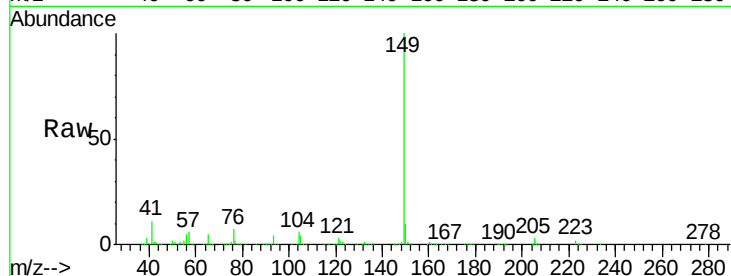
Tgt Ion:149 Resp: 1407318

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

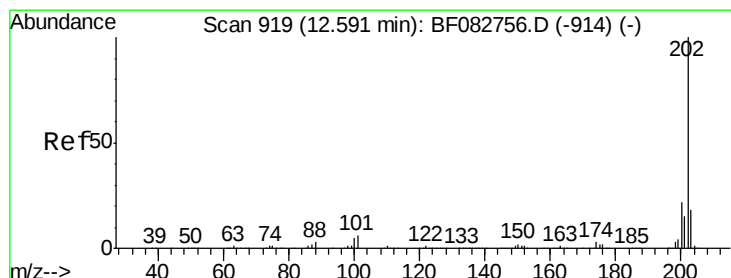
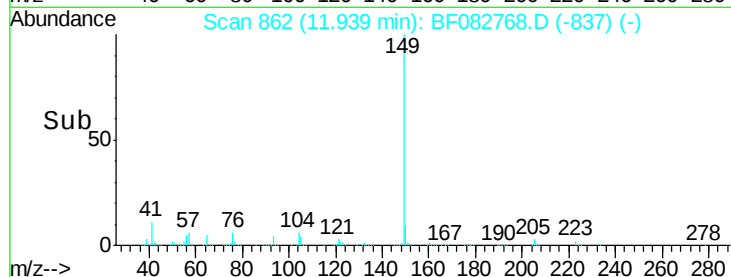
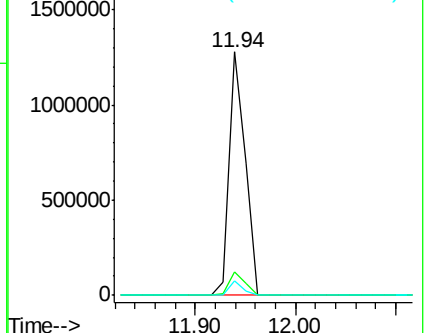
104 6.2 5.2 7.8



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: 38.97 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

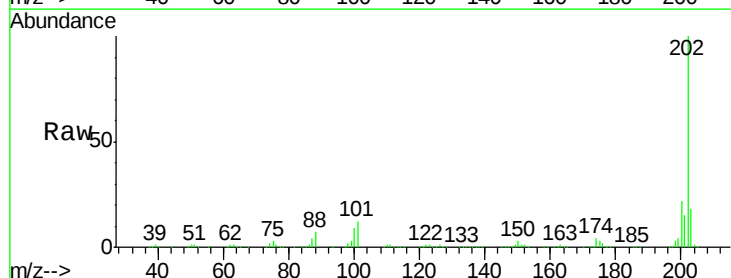
Tgt Ion:202 Resp: 1397688

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.5

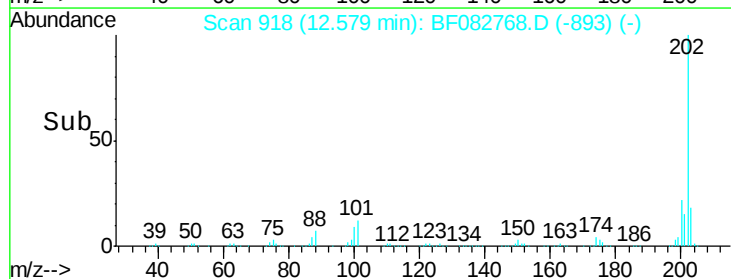
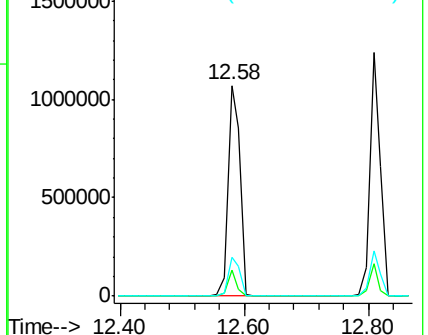
203 18.4 0.0 38.5

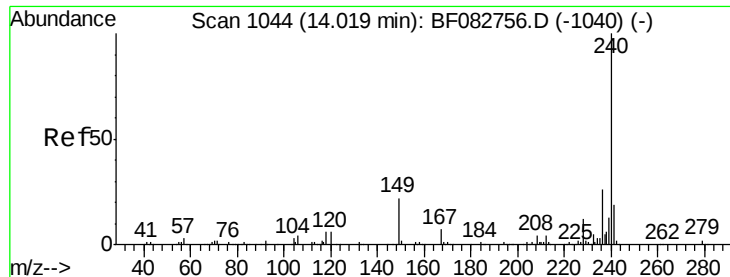


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

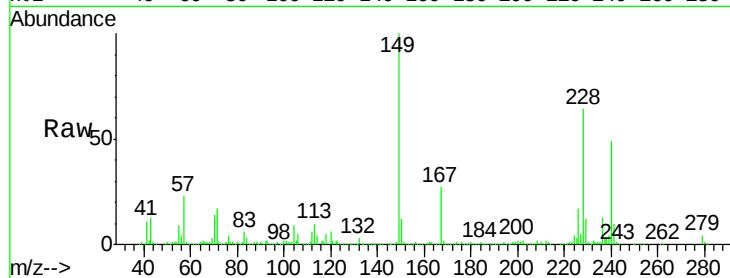
Tgt Ion:240 Resp: 496874

Ion Ratio Lower Upper

240 100

120 12.1 10.9 16.3

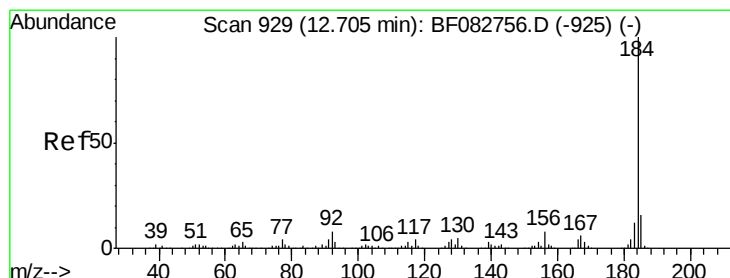
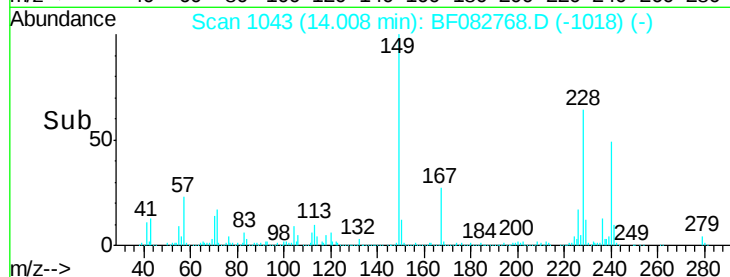
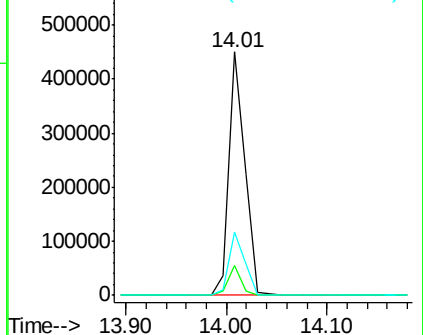
236 25.8 21.6 32.4



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: 21.02 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

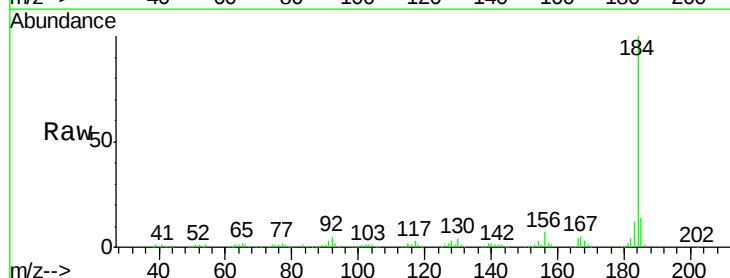
Tgt Ion:184 Resp: 350114

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

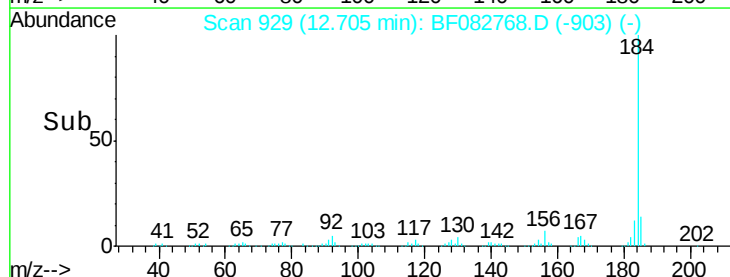
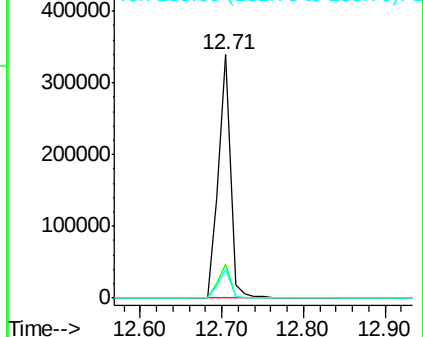
183 11.5 9.6 14.4

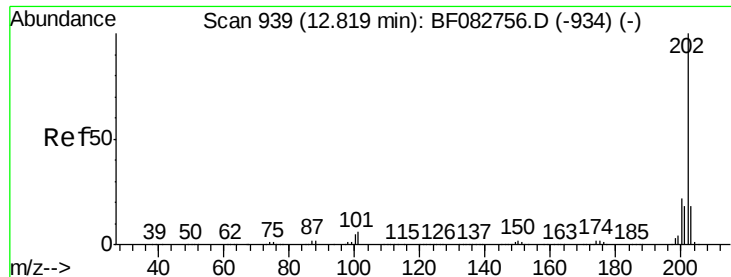


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



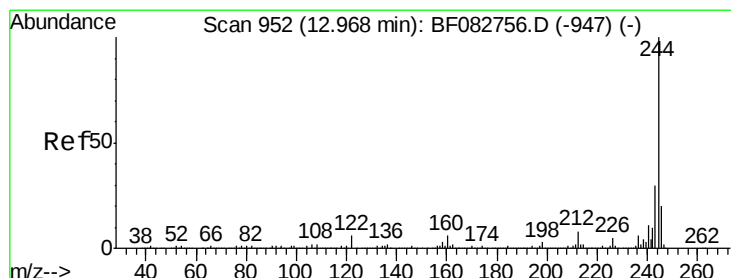
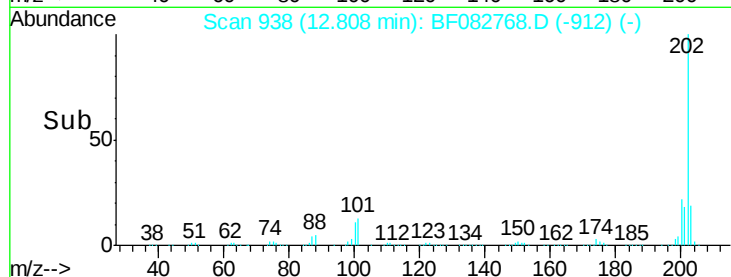
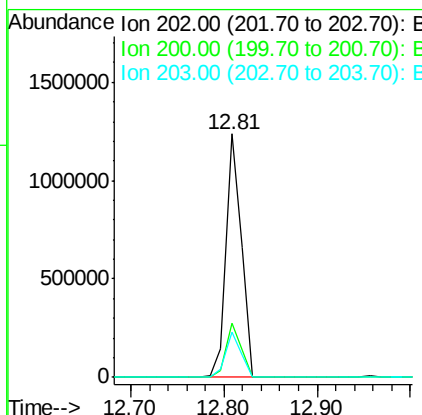
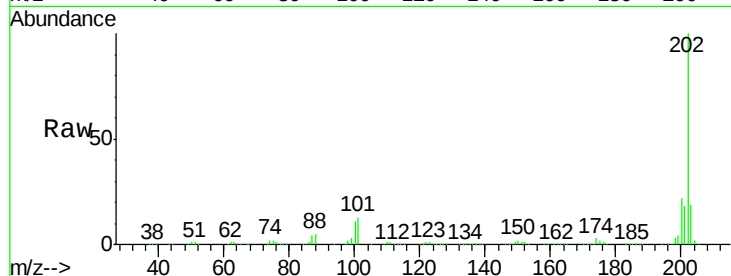


#77
Pyrene
 Concen: 41.45 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

Tgt Ion: 202 Resp: 1414432

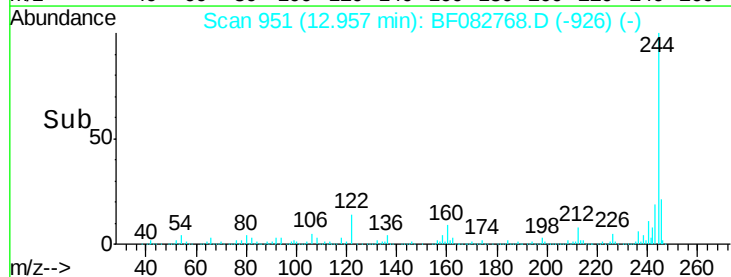
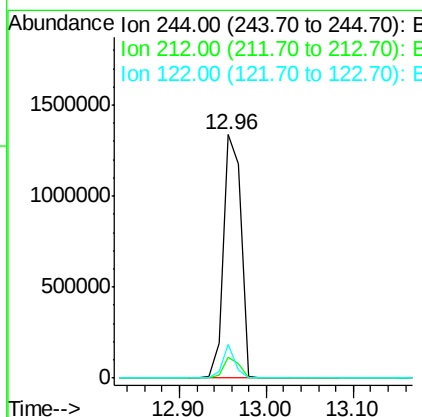
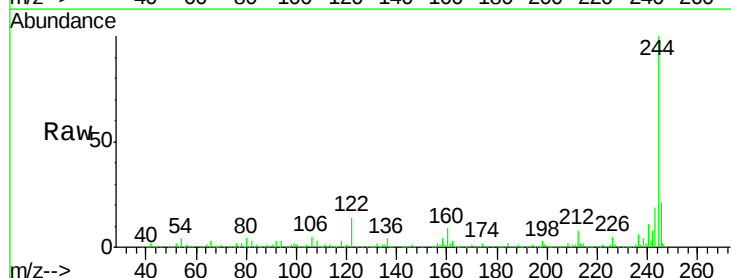
Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	18.6	14.8	22.2

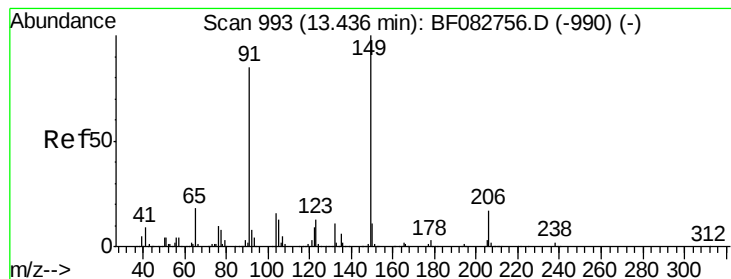


#78
Terphenyl-d14
 Concen: 89.35 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion: 244 Resp: 1871798

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	13.9	11.3	16.9





#79

Butylbenzylphthalate

Concen: 41.34 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

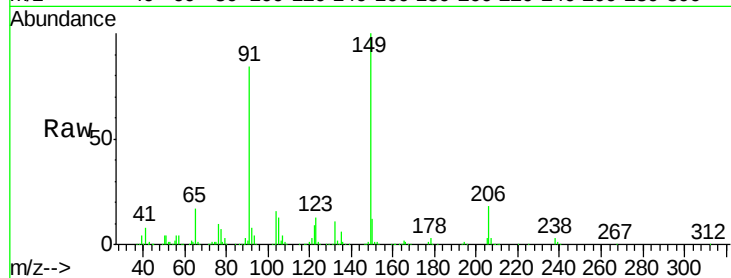
Tgt Ion:149 Resp: 623196

Ion Ratio Lower Upper

149 100

91 83.6 67.7 101.5

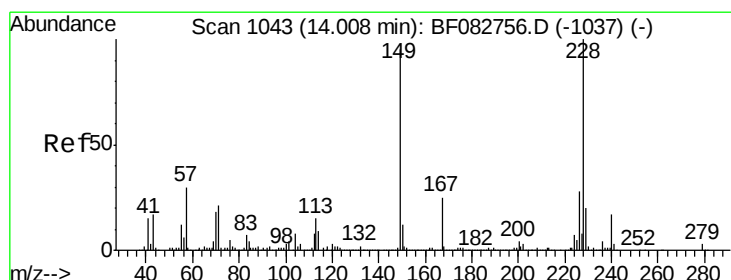
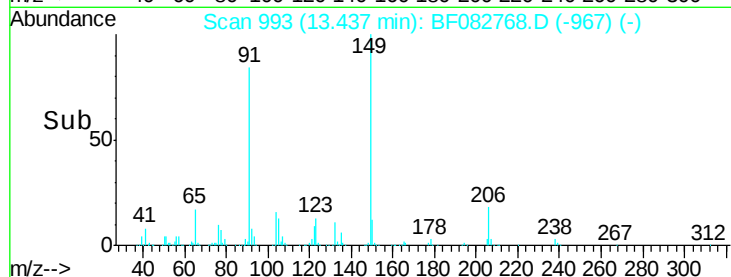
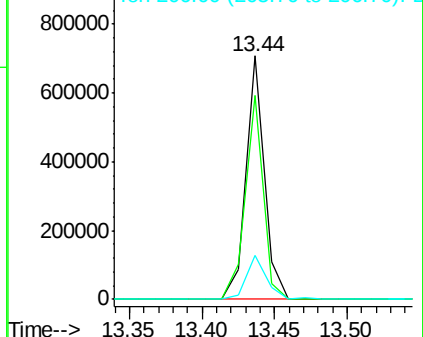
206 18.1 14.6 22.0



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: 43.05 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

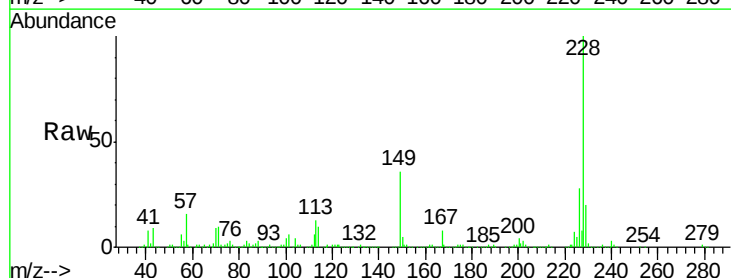
Tgt Ion:228 Resp: 1337638

Ion Ratio Lower Upper

228 100

226 28.1 23.4 35.2

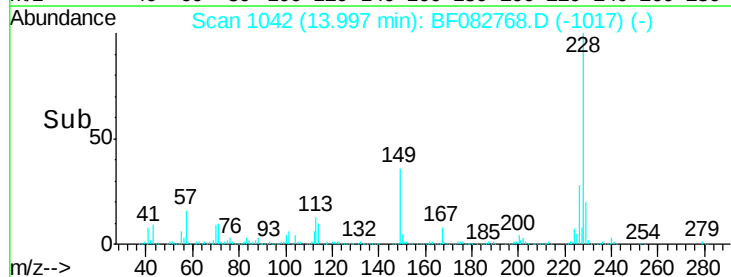
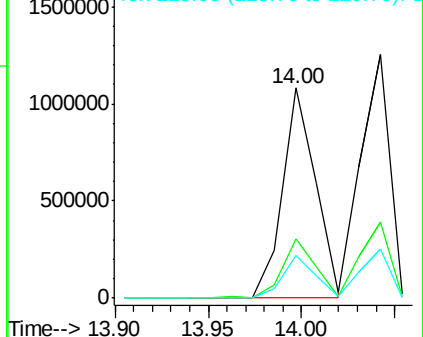
229 20.4 16.3 24.5

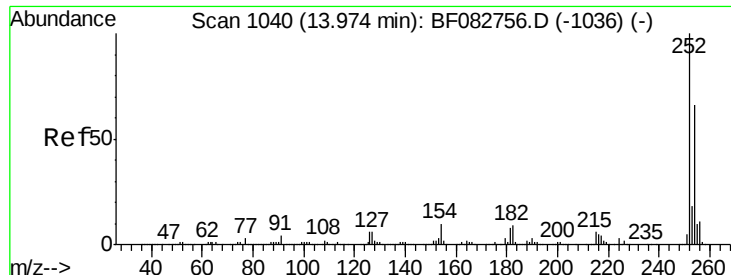


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

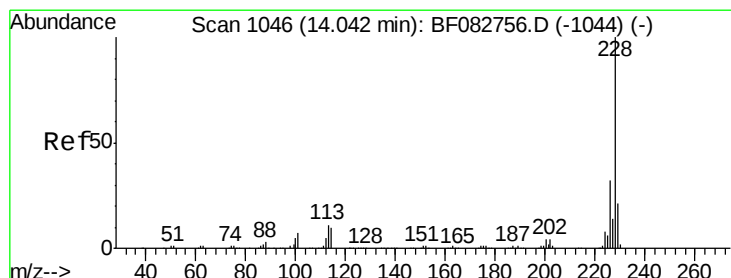
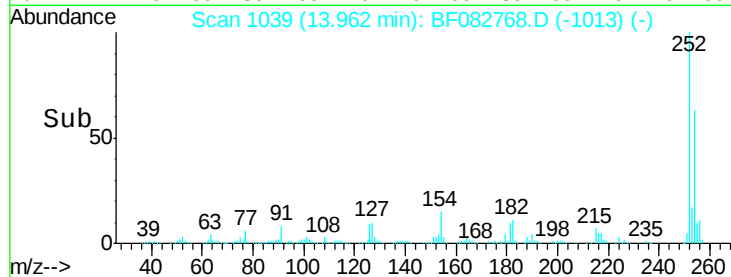
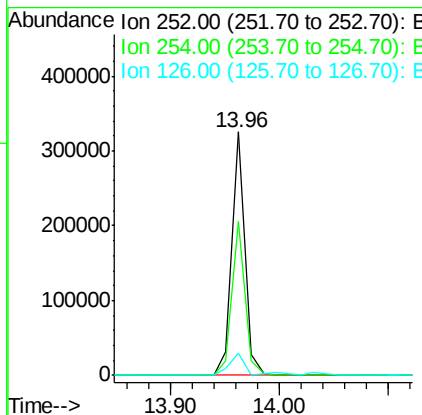
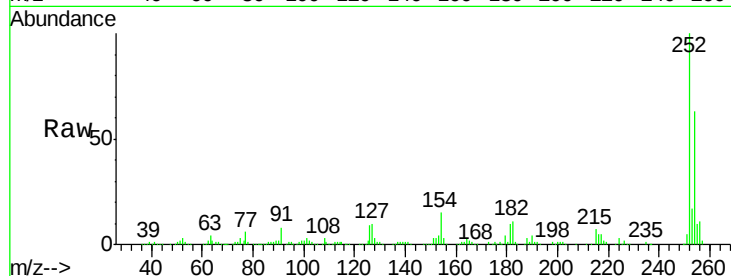




#81
 3,3'-Dichlorobenzidine
 Concen: 24.13 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

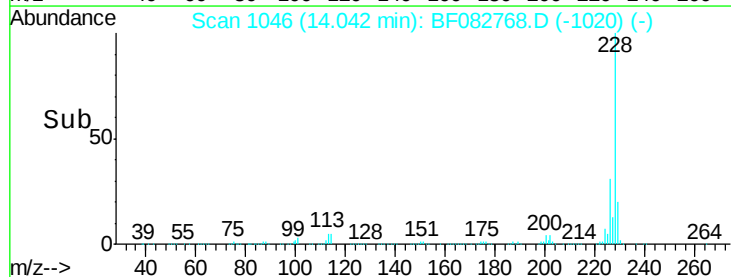
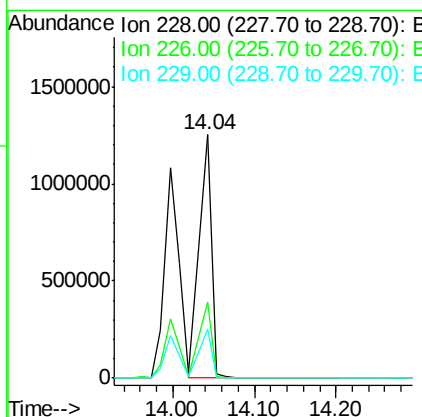
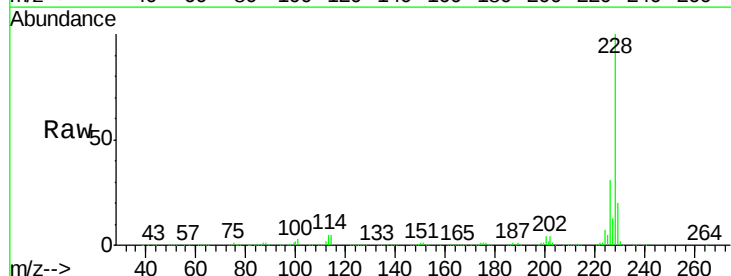
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

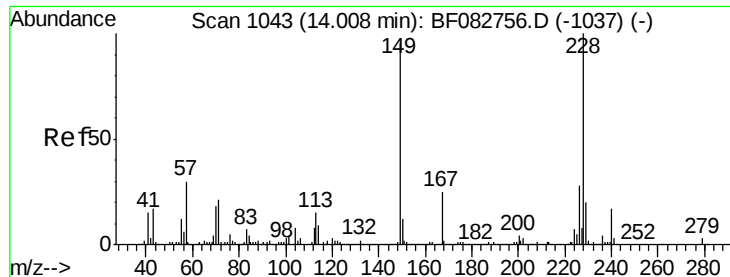
Tgt Ion:252 Resp: 266507
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.4 77.0
 126 9.1 10.7 16.1#



#82
 Chrysene
 Concen: 47.42 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:228 Resp: 1349530
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.0 16.3 24.5

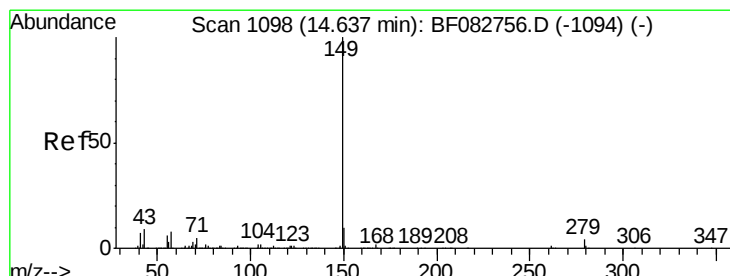
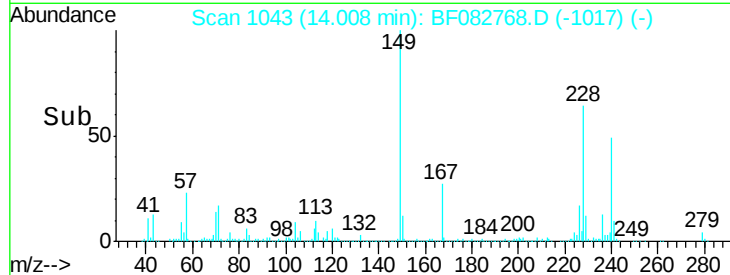
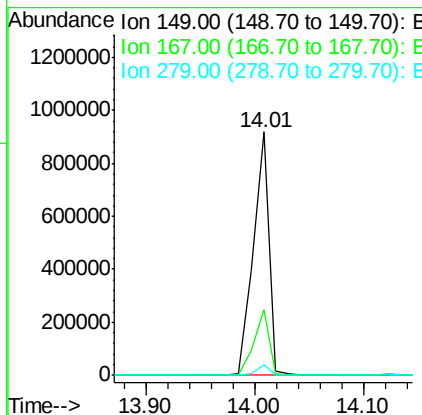
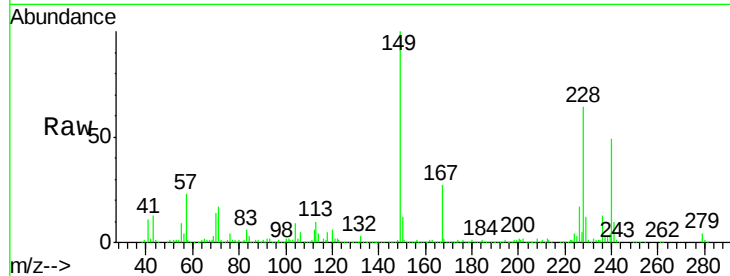




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.71 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

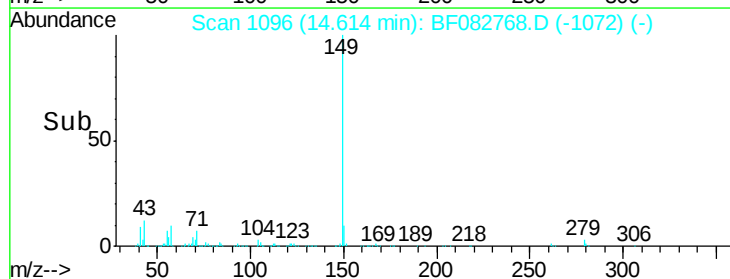
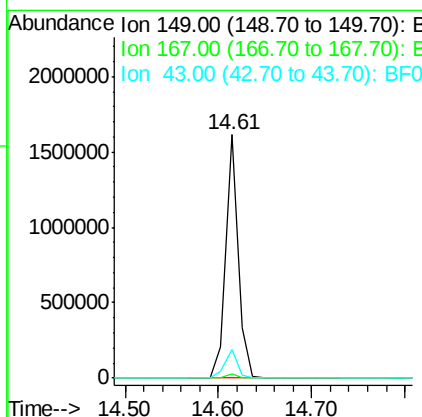
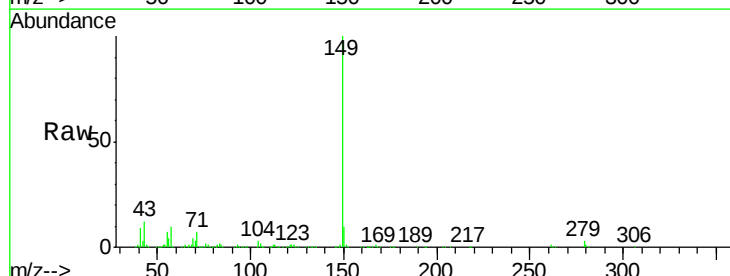
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

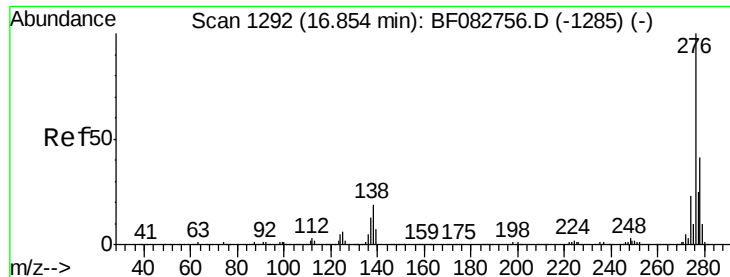
Tgt Ion:149 Resp: 922580
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 4.2 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 43.25 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion:149 Resp: 1488621
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.4 10.1 15.1

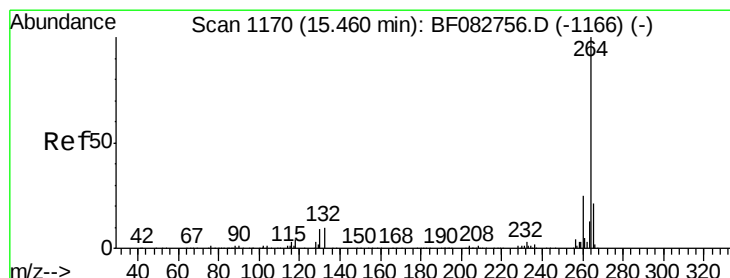
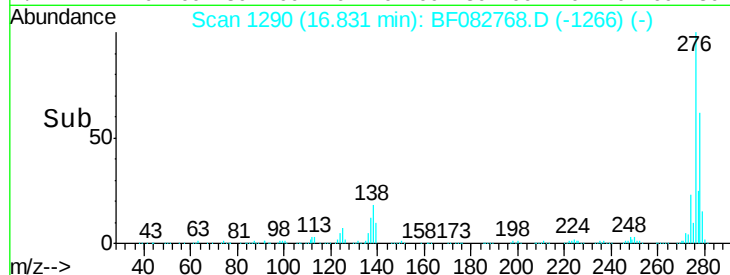
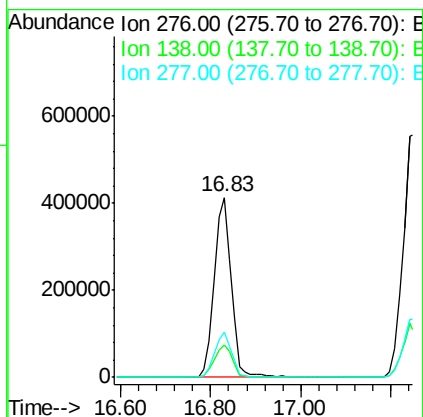
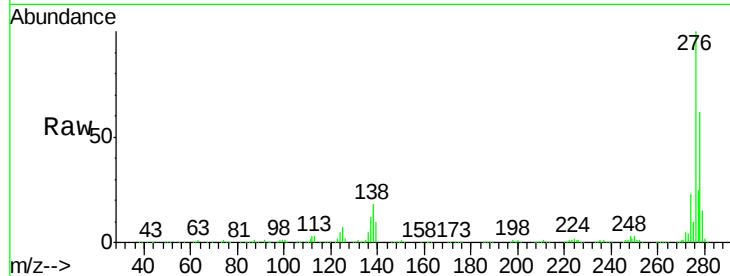




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.87 ng
 RT: 16.83 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

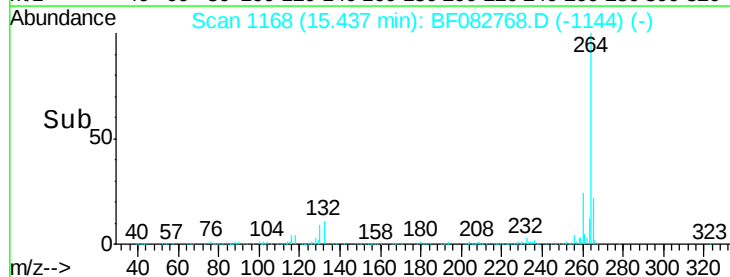
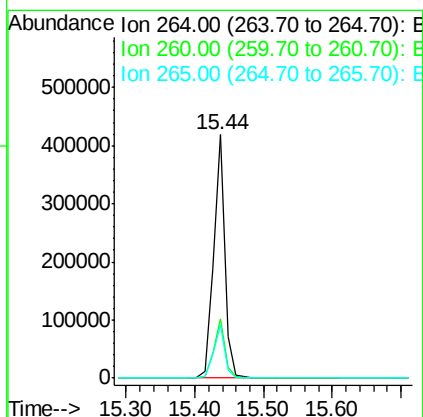
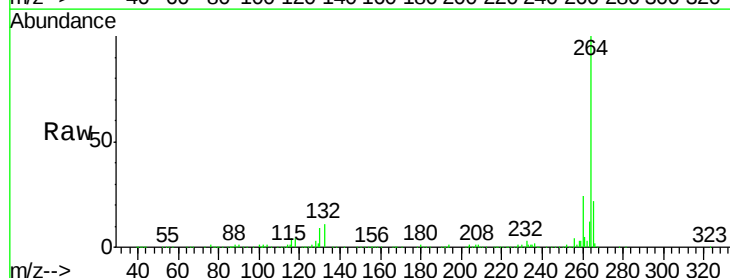
Instrument :
 BNA_F
 ClientSampleId :
 PB86421BS

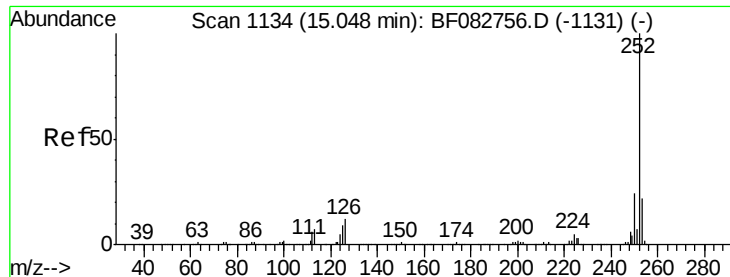
Tgt Ion: 276 Resp: 1099643
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.3 22.9
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082768.D
 Acq: 6 Nov 2015 18:31

Tgt Ion: 264 Resp: 484890
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.6 17.4 26.0

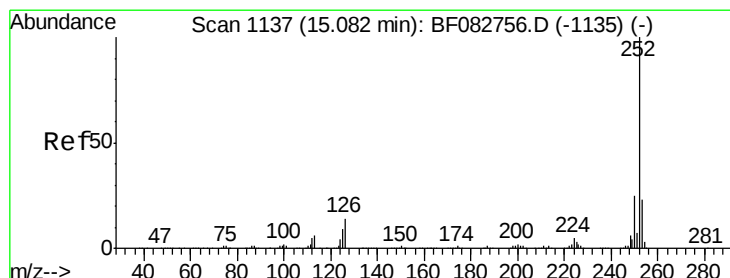
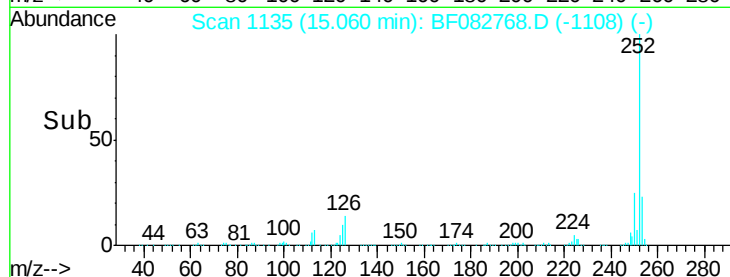
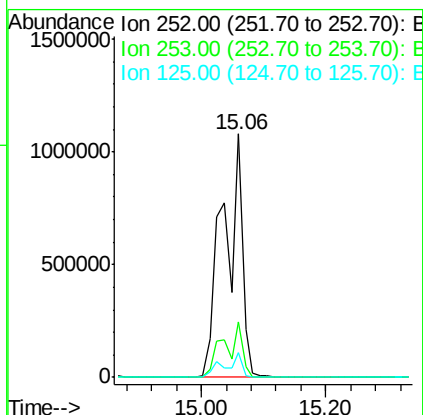
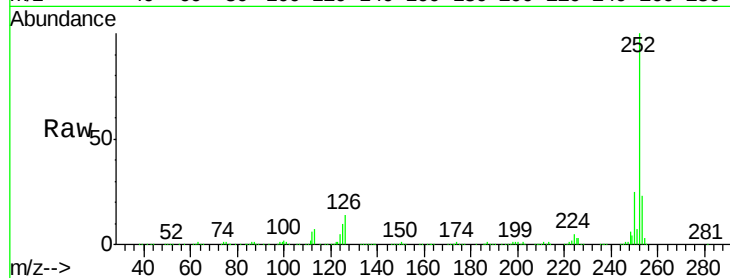




#87
Benzo(b)fluoranthene
Concen: 74.59 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

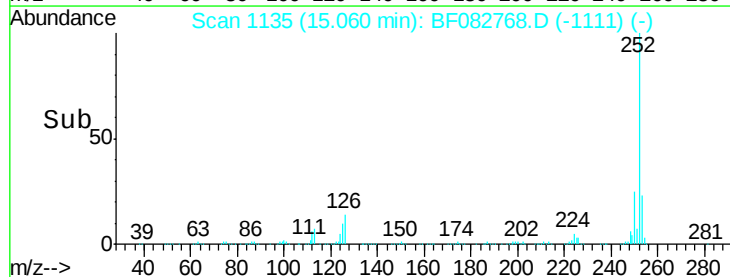
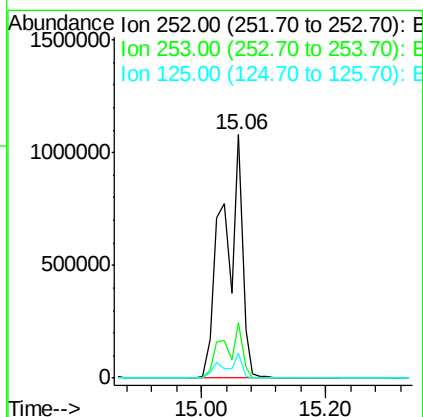
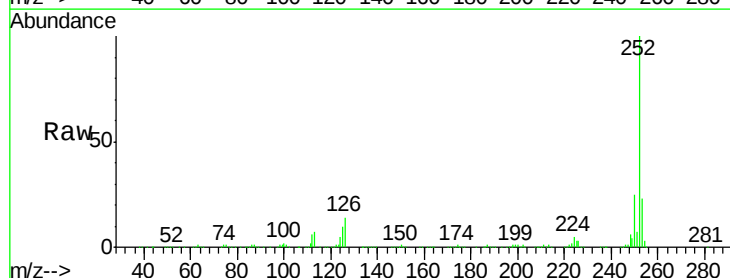
Instrument :
BNA_F
ClientSampleId :
PB86421BS

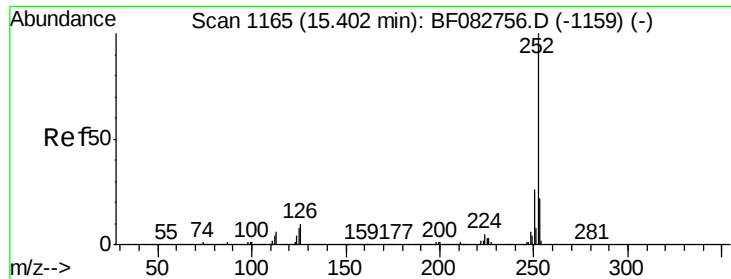
Tgt Ion:252 Resp: 2321554
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.0 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 84.08 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:252 Resp: 2321554
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 10.0 3.5 5.3#

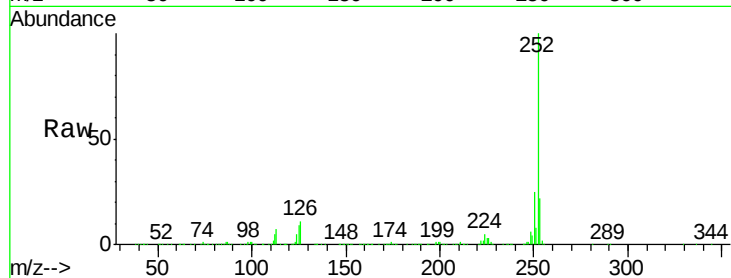




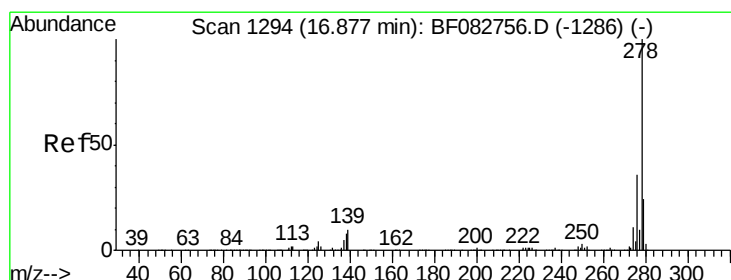
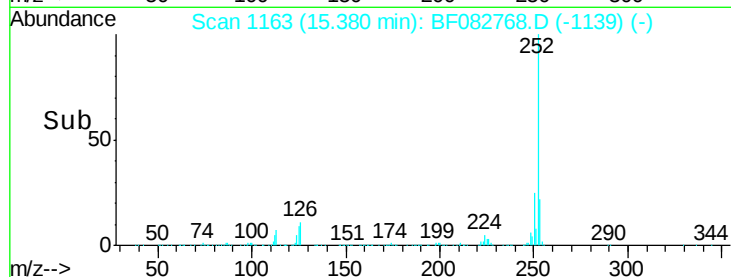
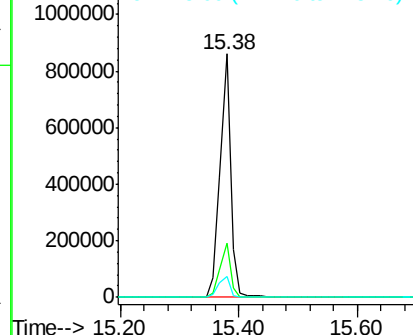
#89
Benzo(a)pyrene
Concen: 39.84 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB86421BS

Tgt Ion:252 Resp: 1074350
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 8.7 7.1 10.7

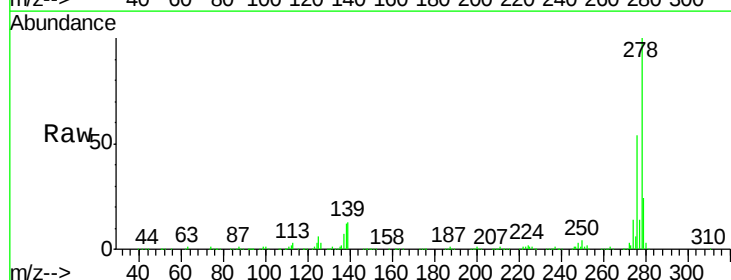


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

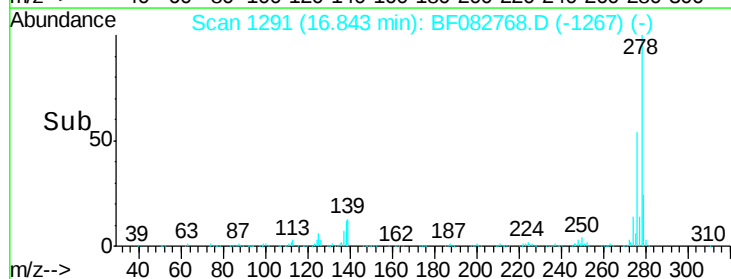
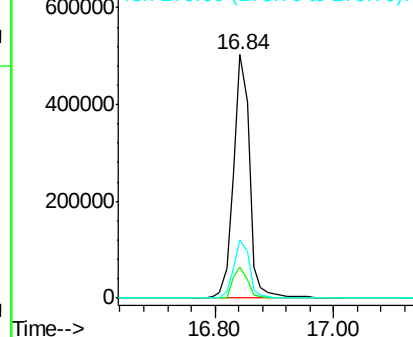


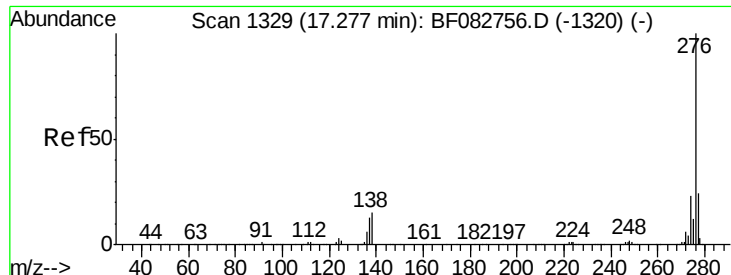
#90
Dibenzo(a,h)anthracene
Concen: 41.28 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082768.D
Acq: 6 Nov 2015 18:31

Tgt Ion:278 Resp: 942619
Ion Ratio Lower Upper
278 100
139 12.9 9.9 14.9
279 23.8 19.6 29.4



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: 60.68 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF082768.D

Acq: 6 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB86421BS

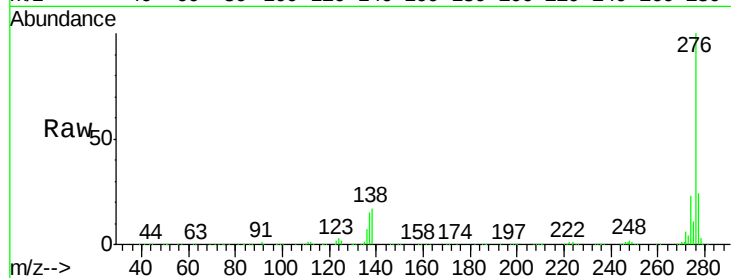
Tgt Ion:276 Resp: 1327127

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 17.3 13.1 19.7



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

