

Data Path : Z:\HPCHEM1\BNA F\Data\BF110715\
 Data File : BF082760.D
 Acq On : 6 Nov 2015 14:38
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 17:36:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 14:39:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209977	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	812339	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	407615	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	811602	20.00	ng	0.00
75) Chrysene-d12	14.03	240	644789	20.00	ng	0.01
86) Perylene-d12	15.48	264	648633	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1041519	77.18	ng	0.00
7) Phenol-d6	6.49	99	1292921	72.07	ng	0.01
23) Nitrobenzene-d5	7.42	82	1476487	79.09	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	340634	72.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2038081	71.66	ng	0.00
78) Terphenyl-d14	12.97	244	2263332	83.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	219428	37.68	ng	98
3) Pyridine	3.15	79	676943	40.06	ng	95
4) n-Nitrosodimethylamine	3.10	42	323457	38.60	ng	91
6) Aniline	6.51	93	928591	36.86	ng	96
8) 2-Chlorophenol	6.64	128	556426	37.19	ng	86
9) Benzaldehyde	6.40	77	379685	38.31	ng	87
10) Phenol	6.50	94	727876	35.76	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	567255	37.26	ng	91
12) 1,3-Dichlorobenzene	6.86	146	617411	36.59	ng	96
13) 1,4-Dichlorobenzene	6.86	146	617411	35.17	ng	99
14) 1,2-Dichlorobenzene	7.02	146	584094	36.59	ng	96
15) Benzyl Alcohol	7.00	79	634410	40.27	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	824609	36.93	ng	96
17) 2-Methylphenol	7.12	107	497450	39.26	ng	95
18) Hexachloroethane	7.37	117	229842	36.61	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	462176	35.04	ng	91
20) 3+4-Methylphenols	7.26	107	570047	34.60	ng	# 89
22) Acetophenone	7.26	105	821930	35.31	ng	# 86
24) Nitrobenzene	7.44	77	653807	34.25	ng	89
25) Isophorone	7.69	82	1305855	37.80	ng	96
26) 2-Nitrophenol	7.76	139	327936	41.15	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	549169	38.35	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	721599	37.03	ng	99
29) 2,4-Dichlorophenol	8.00	162	466238	36.03	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	554573	38.11	ng	95
31) Naphthalene	8.17	128	1646819	36.74	ng	99
32) Benzoic acid	7.94	122	391016	39.89	ng	91
33) 4-Chloroaniline	8.21	127	734833	38.04	ng	# 86
34) Hexachlorobutadiene	8.29	225	339261	37.25	ng	98
35) Caprolactam	8.59	113	149029	36.53	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	528388	34.72	ng	95
37) 2-Methylnaphthalene	8.85	142	1017361	35.09	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	554004	41.36	ng	98
40) Hexachlorocyclopentadiene	9.01	237	302228	42.00	ng	97

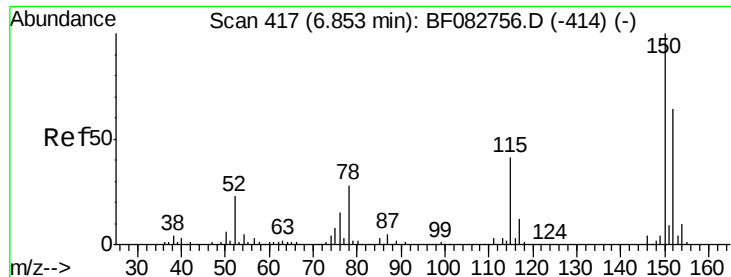
Data Path : Z:\HPCHEM1\BNA F\Data\BF110715\
 Data File : BF082760.D
 Acq On : 6 Nov 2015 14:38
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 14:39:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	386181	38.62	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	400861	41.67	nq	# 87
45) 1,1'-Biphenyl	9.32	154	1420625	40.62	nq	98
46) 2-Chloronaphthalene	9.34	162	1104006	40.46	nq	98
47) 2-Nitroaniline	9.44	65	440549	43.53	nq	# 81
48) Acenaphthylene	9.76	152	1584716	37.06	nq	100
49) Dimethylphthalate	9.63	163	1397120	41.83	nq	98
50) 2,6-Dinitrotoluene	9.68	165	273994	38.45	nq	87
51) Acenaphthene	9.93	154	1007668	37.18	nq	99
52) 3-Nitroaniline	9.85	138	302030	38.54	nq	86
53) 2,4-Dinitrophenol	9.95	184	170986	43.70	nq	# 24
54) Dibenzofuran	10.10	168	1323287	36.22	nq	97
55) 4-Nitrophenol	10.01	139	261994	43.58	nq	92
56) 2,4-Dinitrotoluene	10.09	165	418778	43.32	nq	# 68
57) Fluorene	10.44	166	1083478	36.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	316036	39.16	nq	# 88
59) Diethylphthalate	10.33	149	1362456	41.78	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	592786	40.04	nq	97
61) 4-Nitroaniline	10.46	138	331913	42.12	nq	85
62) Azobenzene	10.60	77	1444188	41.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	227352	39.32	nq	# 49
65) n-Nitrosodiphenylamine	10.56	169	1016102	34.66	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	342627	35.06	nq	# 67
67) Hexachlorobenzene	10.99	284	382824	35.08	nq	89
68) Atrazine	11.08	200	297816	32.85	nq	99
69) Pentachlorophenol	11.18	266	275024	41.50	nq	97
70) Phenanthrene	11.40	178	1637560	34.74	nq	99
71) Anthracene	11.46	178	1880123	37.87	nq	98
72) Carbazole	11.61	167	1648354	37.93	nq	99
73) Di-n-butylphthalate	11.95	149	2064422	38.13	nq	# 98
74) Fluoranthene	12.59	202	1920961	37.98	nq	97
76) Benzidine	12.71	184	825242	38.19	nq	97
77) Pyrene	12.82	202	1954237	44.13	nq	100
79) Butylbenzylphthalate	13.45	149	890169	45.50	nq	# 71
80) Benzo(a)anthracene	14.01	228	1675653	41.56	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	561462	39.17	nq	100
82) Chrysene	14.05	228	1652790	44.75	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1217793	45.48	nq	# 98
84) Di-n-octyl phthalate	14.65	149	1891383	42.35	nq	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	1406752	44.23	nq	99
87) Benzo(b)fluoranthene	15.07	252	1529714	36.74	nq	99
88) Benzo(k)fluoranthene	15.07	252	1529714	41.42	nq	# 98
89) Benzo(a)pyrene	15.43	252	1377261	38.18	nq	# 97
90) Dibenzo(a,h)anthracene	16.90	278	1160057	37.98	nq	99
91) Benzo(g,h,i)perylene	17.30	276	1102842	37.69	nq	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: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

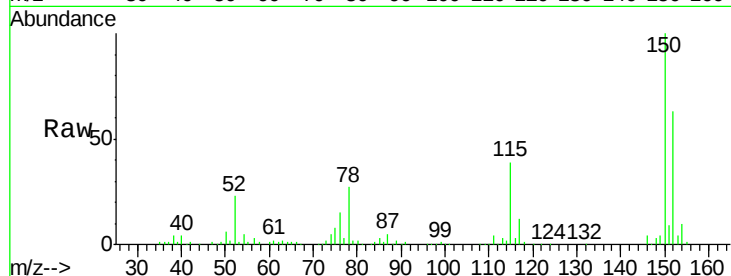
Tot Ion:152 Resp: 209977

Ion Ratio Lower Upper

152 100

150 159.8 127.0 190.4

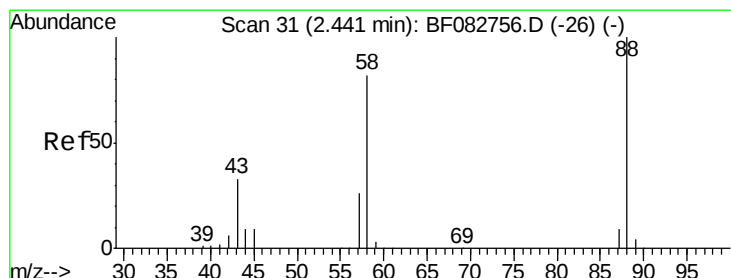
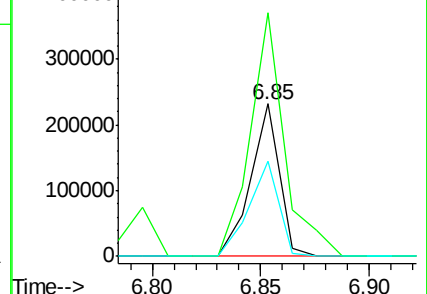
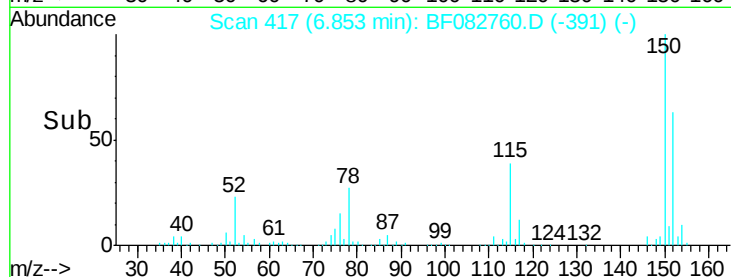
115 62.8 47.0 70.6



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: 37.68 ng

RT: 2.43 min Scan# 30

Delta R.T. -0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

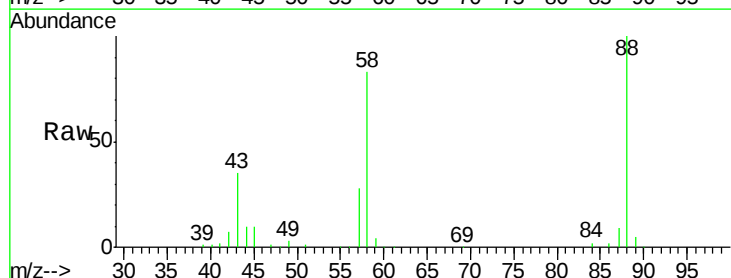
Tgt Ion: 88 Resp: 219428

Ion Ratio Lower Upper

88 100

58 79.4 62.0 93.0

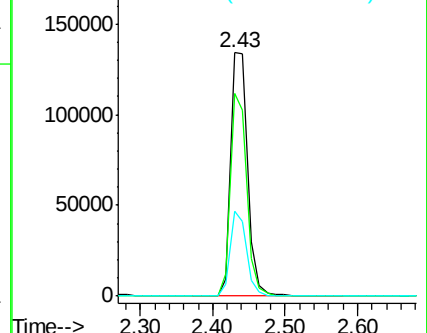
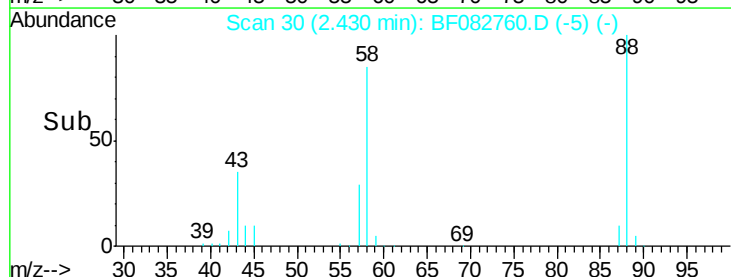
43 33.0 26.6 40.0

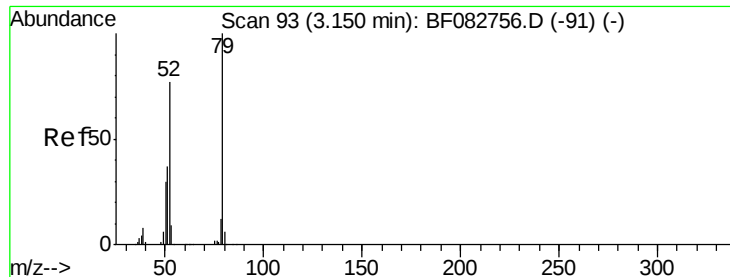


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.06 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

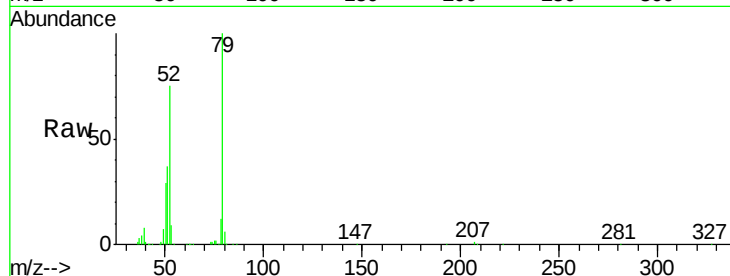
Tot Ion: 79 Resp: 676943

Ion Ratio Lower Upper

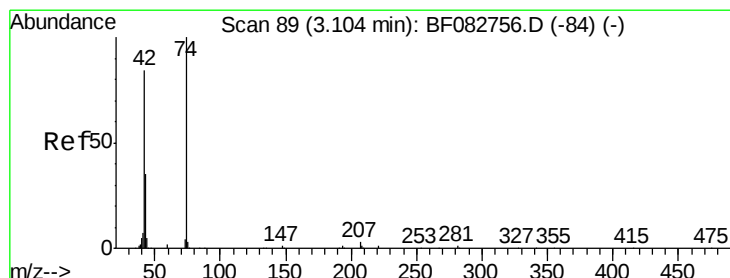
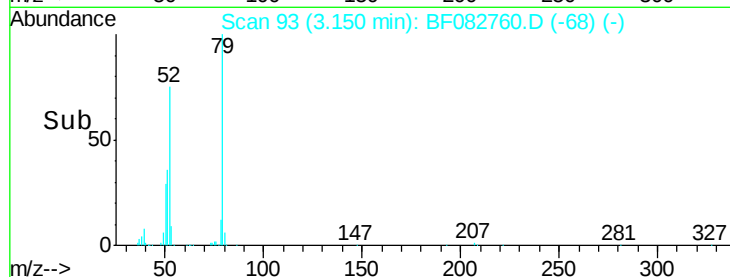
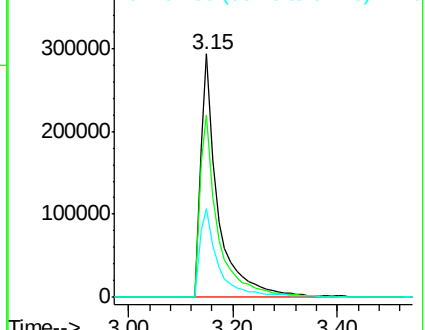
79 100

52 74.9 62.8 94.2

51 36.6 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.60 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

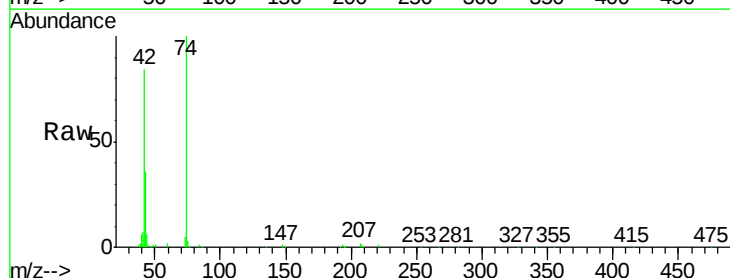
Tgt Ion: 42 Resp: 323457

Ion Ratio Lower Upper

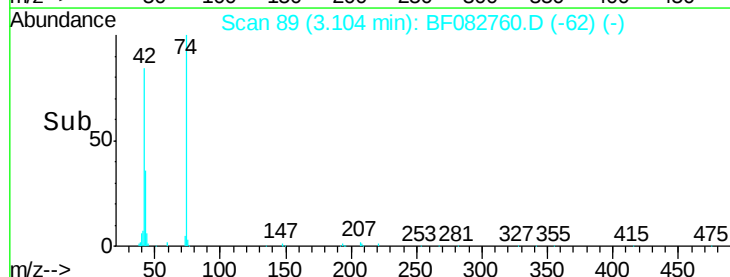
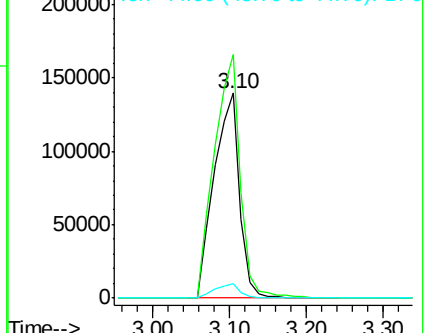
42 100

74 118.8 87.0 130.4

44 7.1 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.18 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

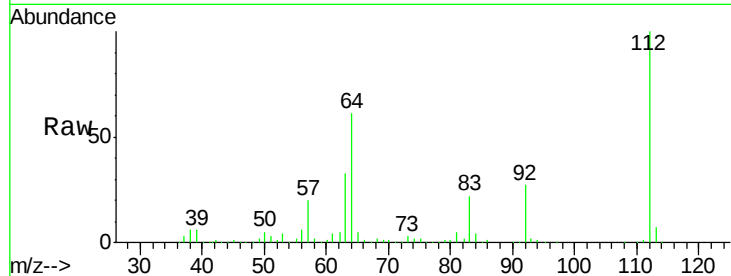
Tot Ion:112 Resp: 1041519

Ion Ratio Lower Upper

112 100

64 60.6 48.9 73.3

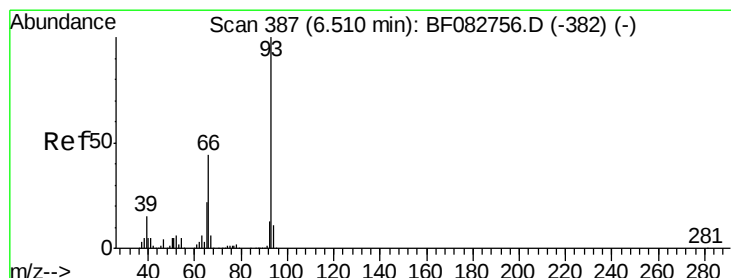
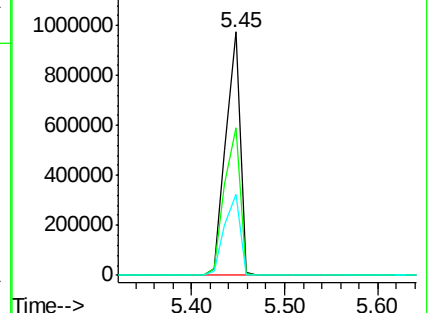
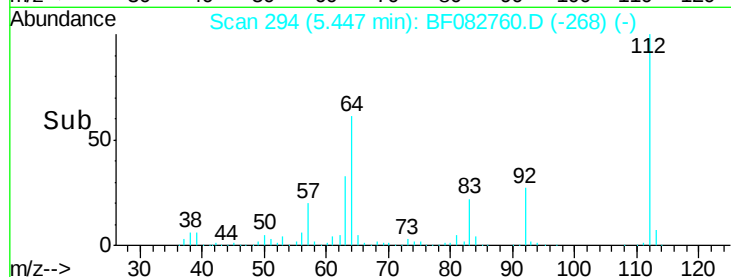
63 33.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.86 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

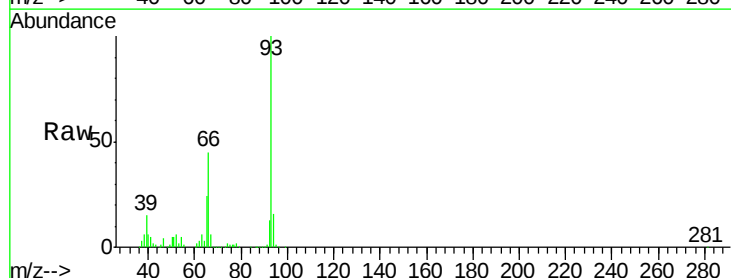
Tgt Ion: 93 Resp: 928591

Ion Ratio Lower Upper

93 100

66 44.6 33.6 50.4

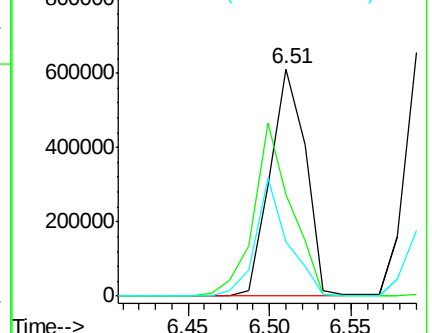
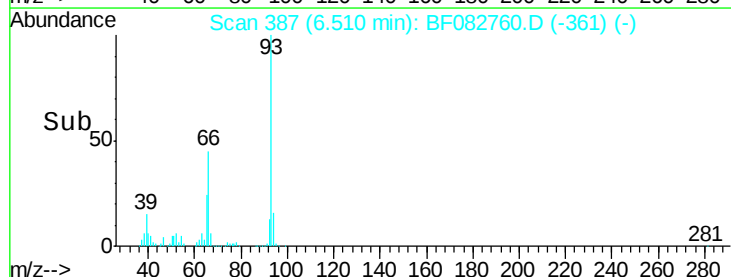
65 23.9 18.1 27.1



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: 72.07 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

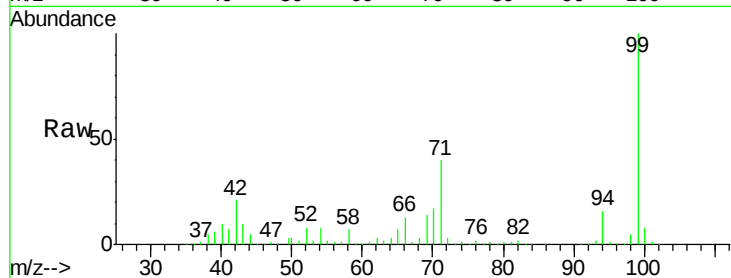
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1292921

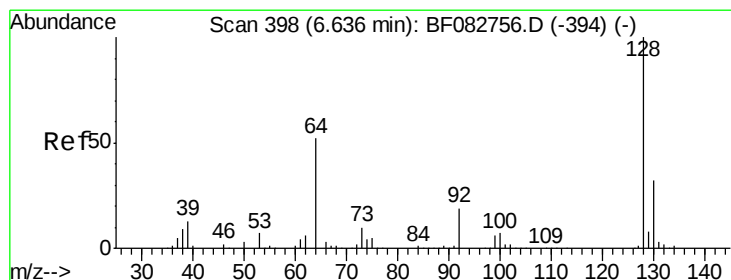
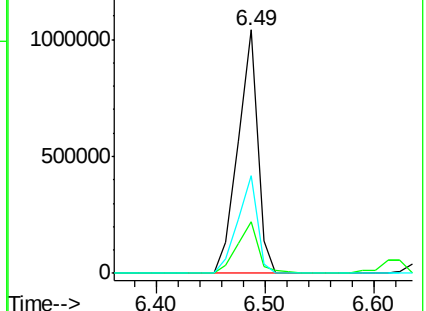
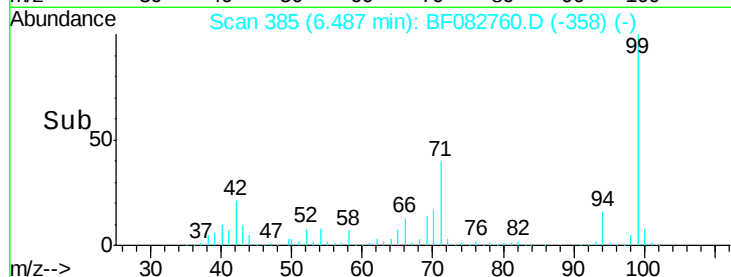
Ion	Ratio	Lower	Upper
99	100		
42	21.1	19.2	28.8
71	40.0	35.0	52.4



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: 37.19 ng

RT: 6.64 min Scan# 398

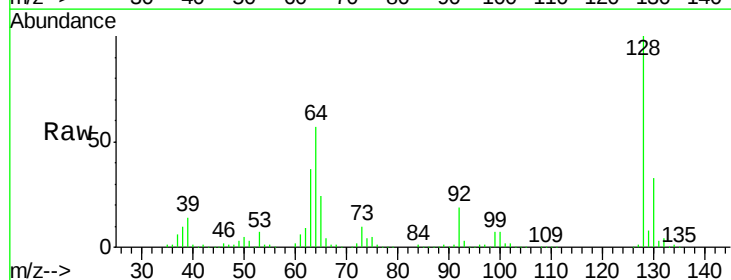
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion: 128 Resp: 556426

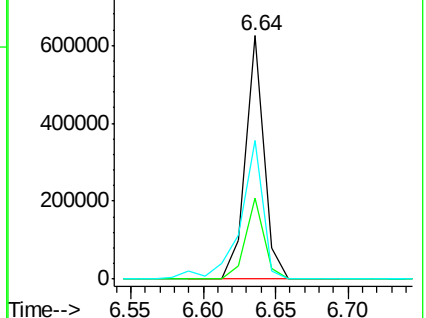
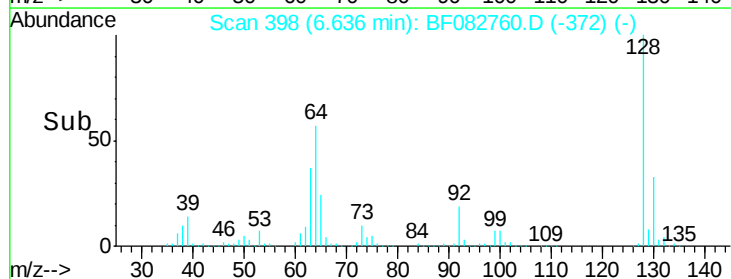
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.5	53.5
64	56.7	21.1	61.1

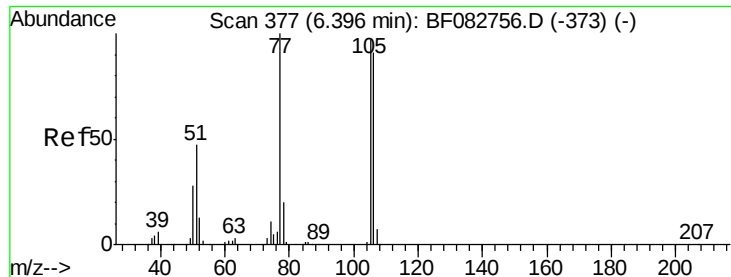


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.31 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

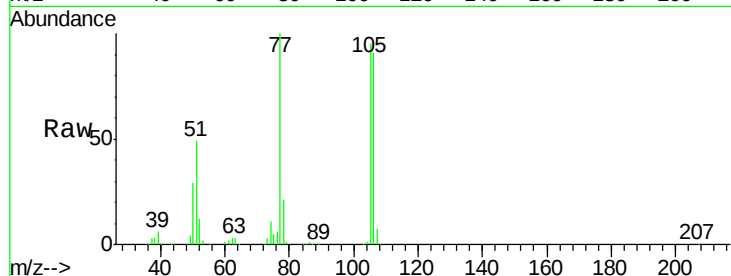
Tot Ion: 77 Resp: 379685

Ion Ratio Lower Upper

77 100

105 94.8 63.5 103.5

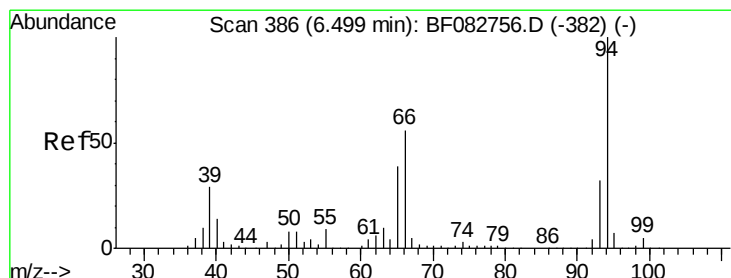
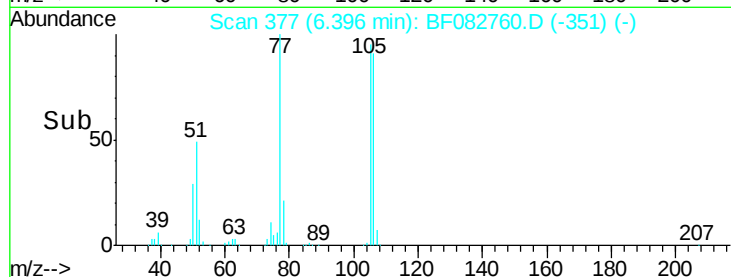
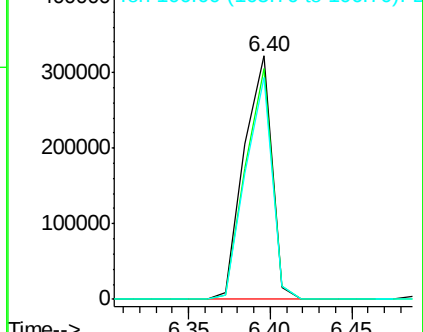
106 91.1 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.76 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

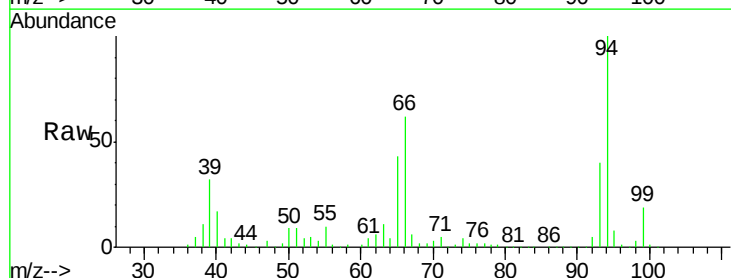
Tgt Ion: 94 Resp: 727876

Ion Ratio Lower Upper

94 100

65 42.5 18.9 58.9

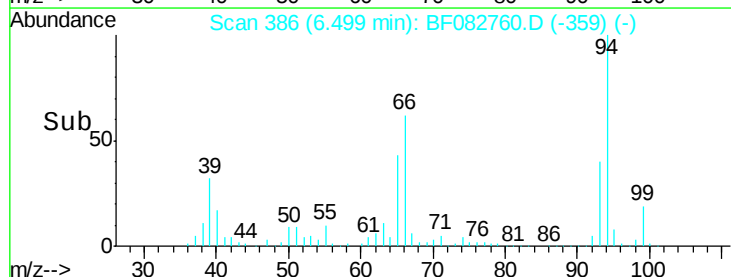
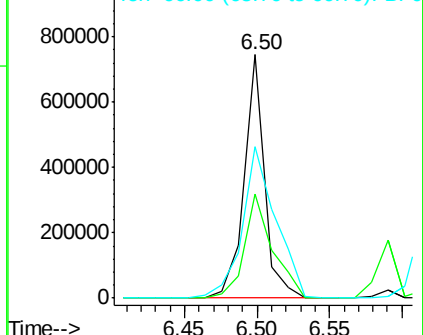
66 62.4 34.9 74.9

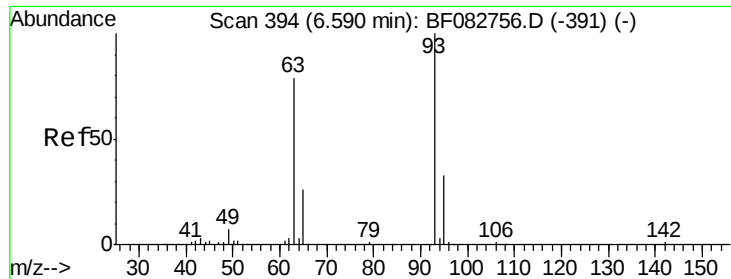


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

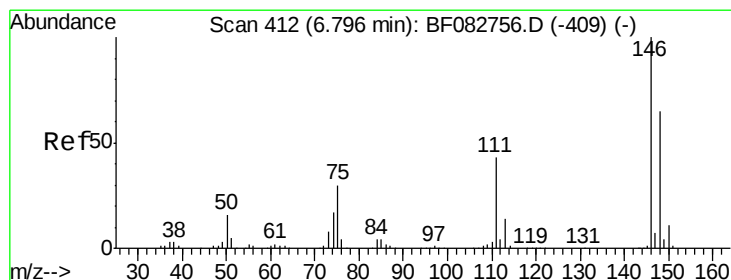
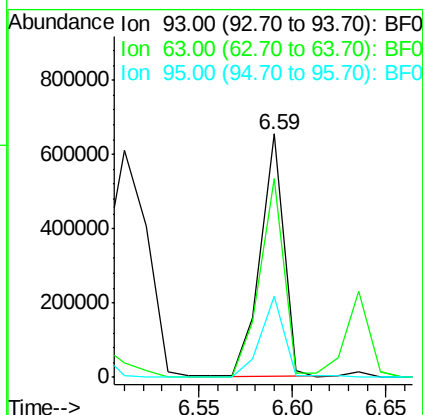
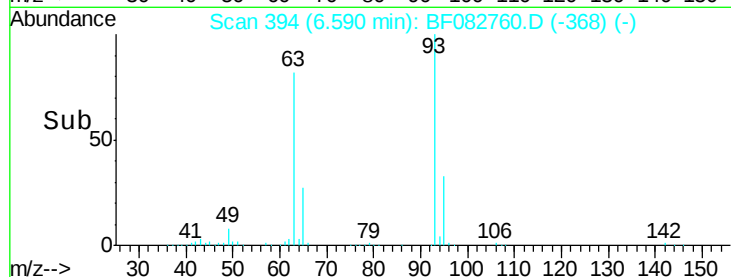
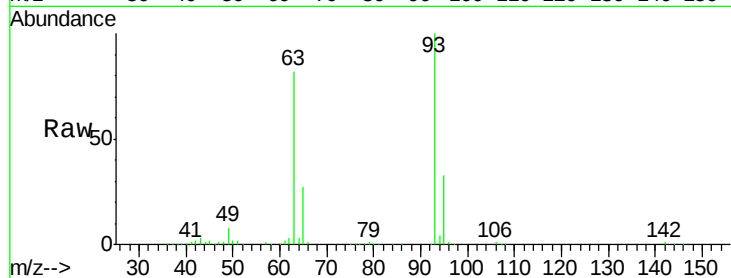




#11
bis(2-Chloroethyl)ether
Concen: 37.26 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

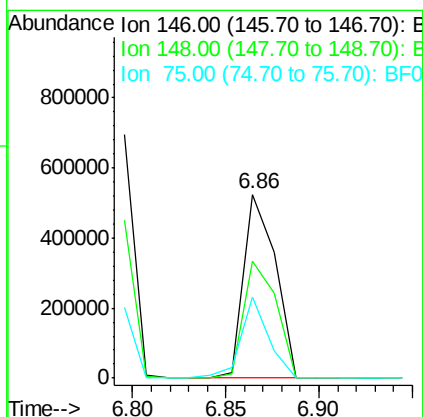
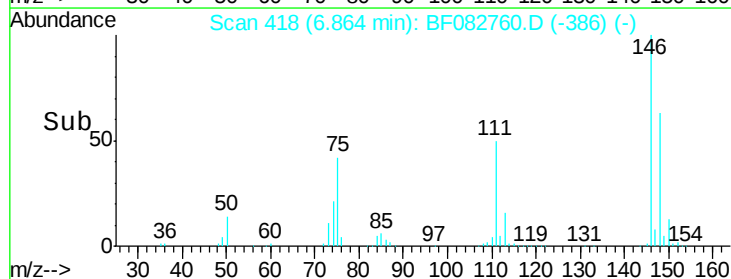
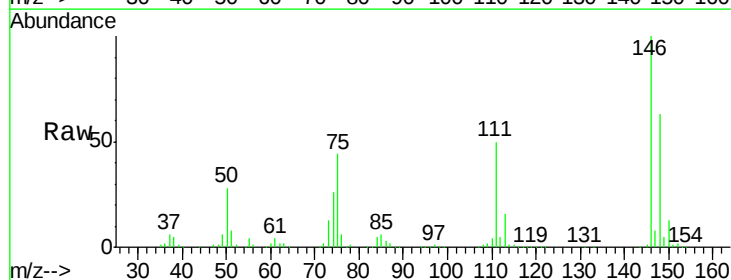
Instrument :
BNA_F
ClientSampleId :

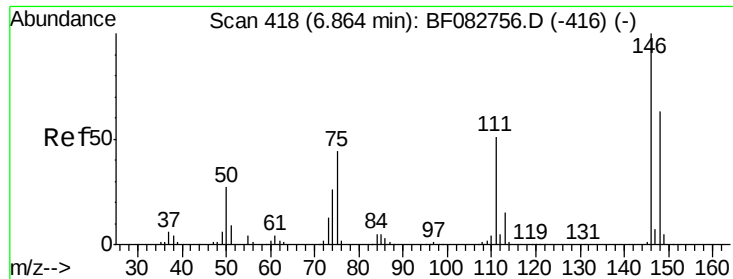
Tot Ion: 93 Resp: 567255
Ion Ratio Lower Upper
93 100
63 81.9 72.7 112.7
95 33.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 36.59 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.07 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion: 146 Resp: 617411
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 43.7 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 35.17 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

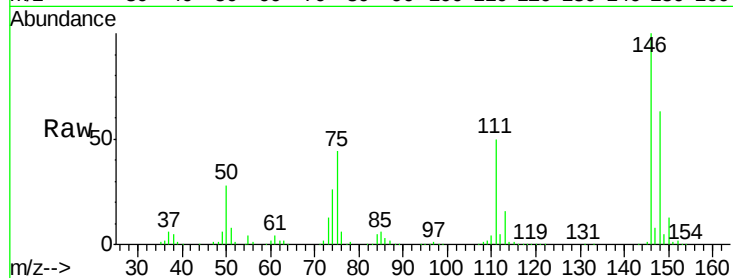
Tot Ion:146 Resp: 617411

Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

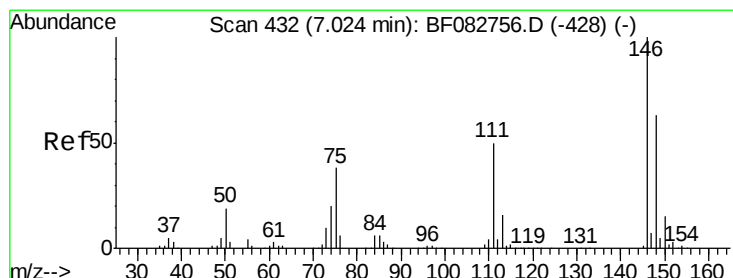
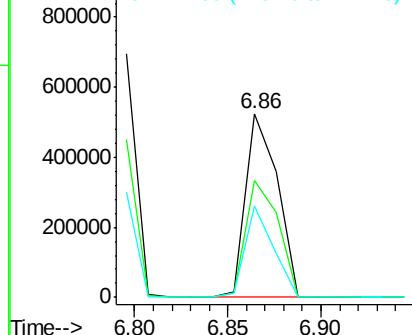
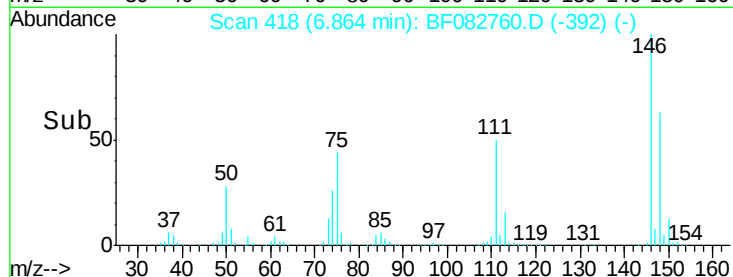
111 49.9 40.6 60.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.59 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

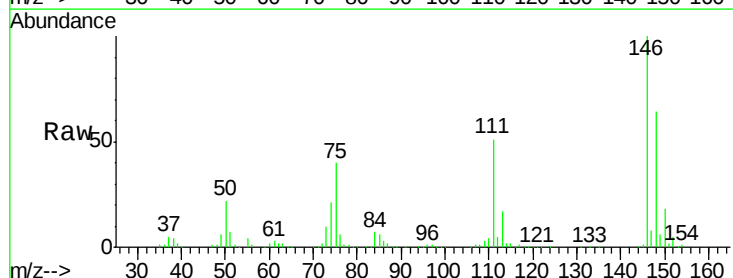
Tgt Ion:146 Resp: 584094

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.4

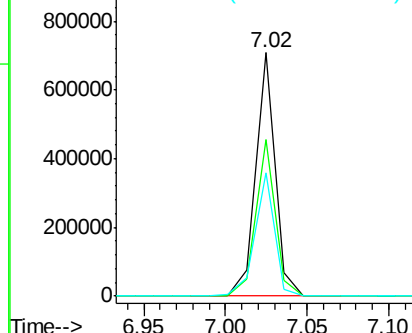
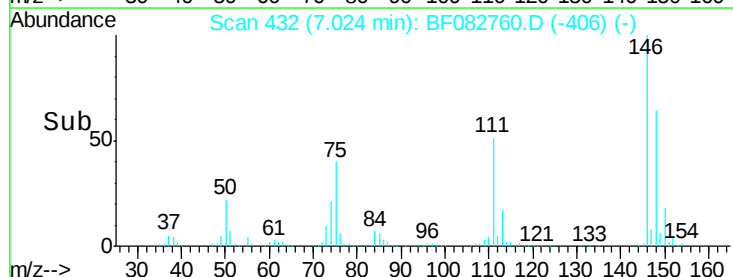
111 50.5 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.27 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

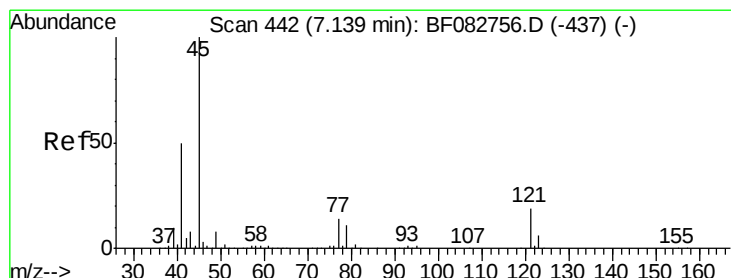
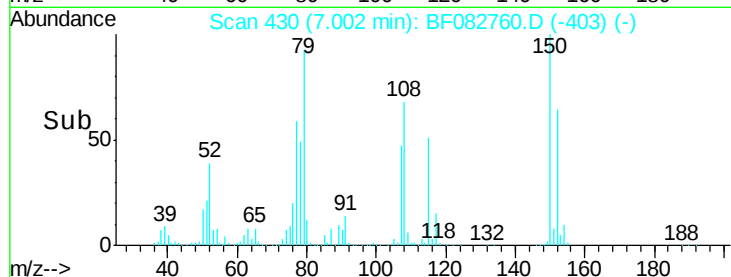
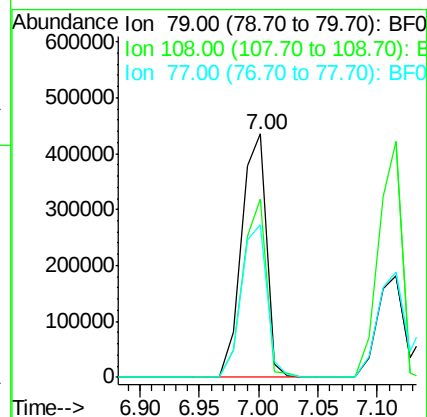
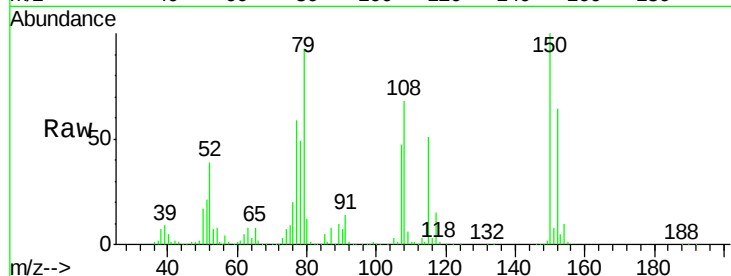
Tot Ion: 79 Resp: 634410

Ion Ratio Lower Upper

79 100

108 73.2 52.2 78.4

77 62.9 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.93 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

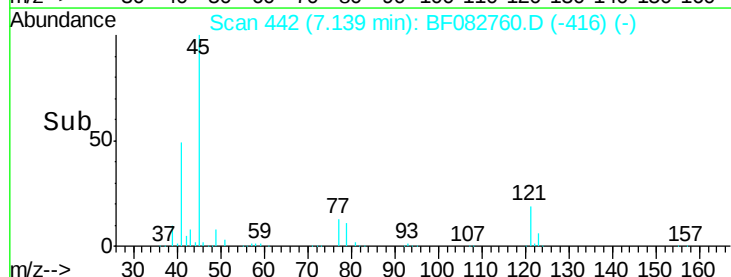
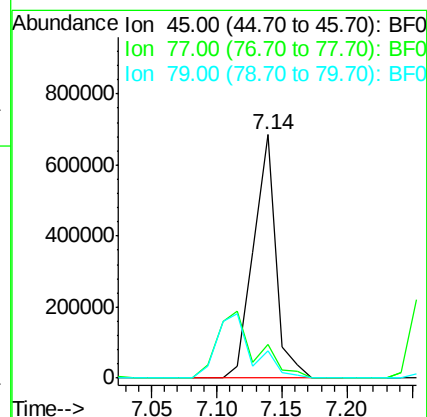
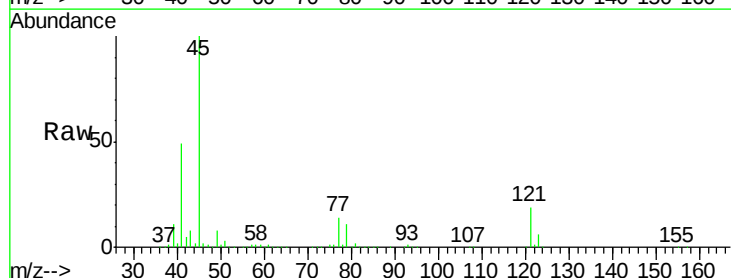
Tgt Ion: 45 Resp: 824609

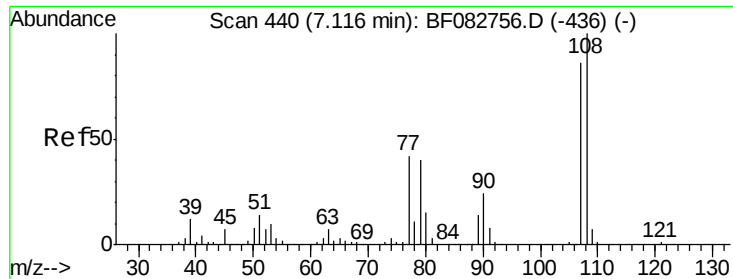
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.6

79 11.2 0.0 29.2

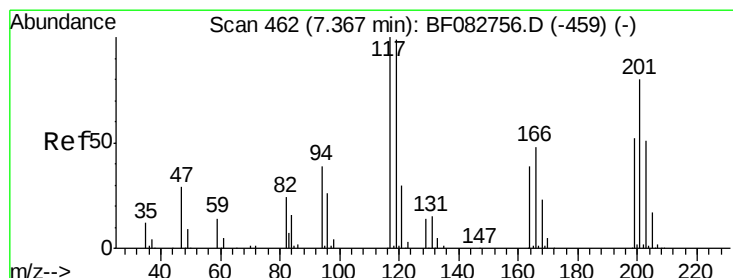
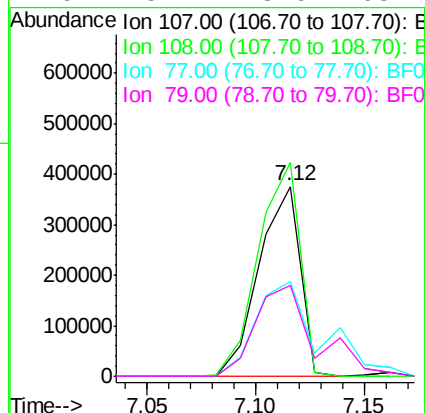
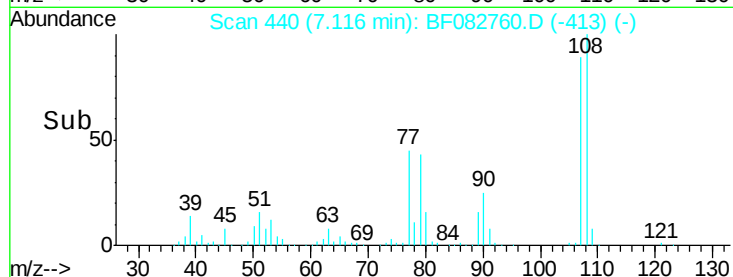
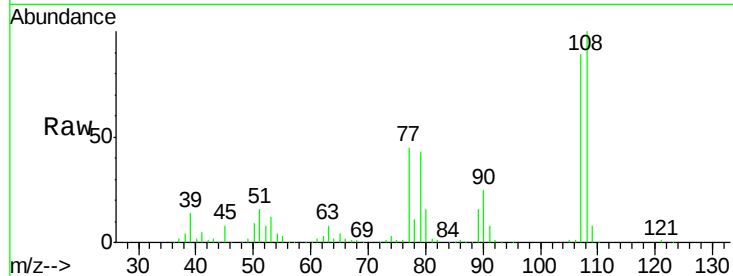




#17
2-Methylphenol
Concen: 39.26 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

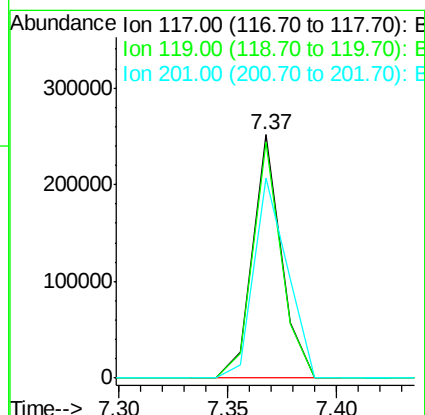
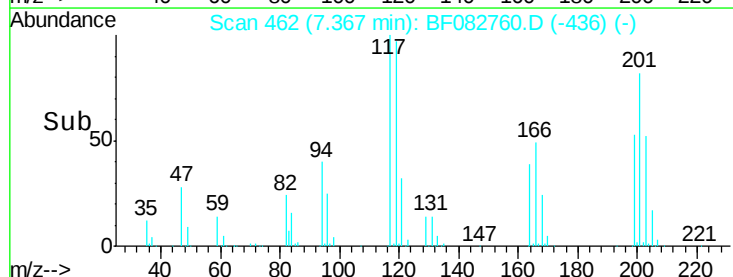
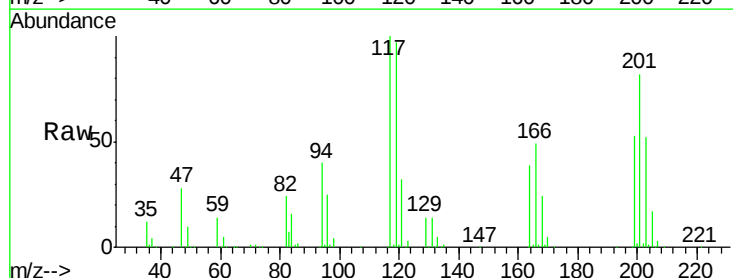
Instrument :
BNA_F
ClientSampleId :

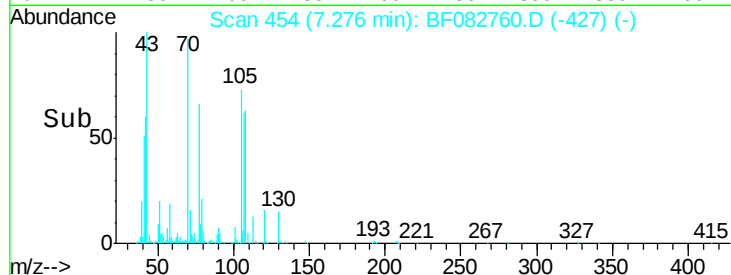
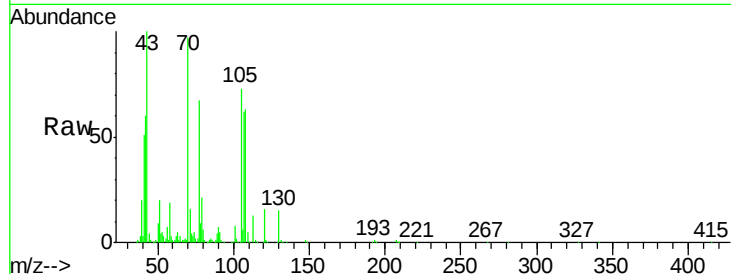
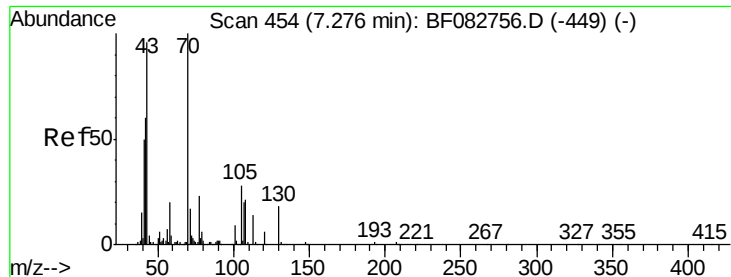
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	93.0	139.4
77	50.2	44.1	66.1
79	48.1	43.6	65.4



#18
Hexachloroethane
Concen: 36.61 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.7	116.5
201	82.4	66.7	100.1

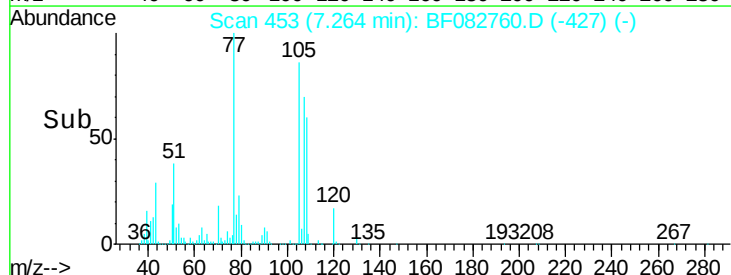
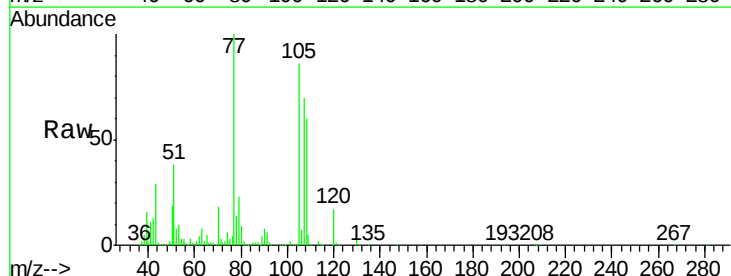
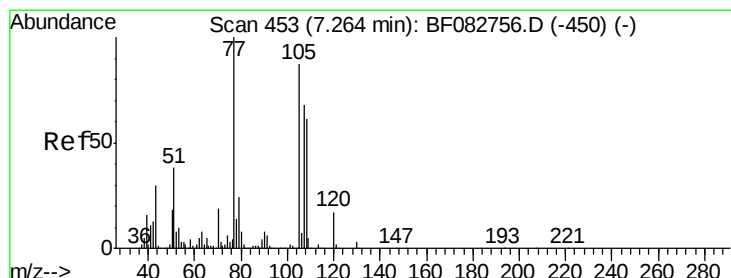
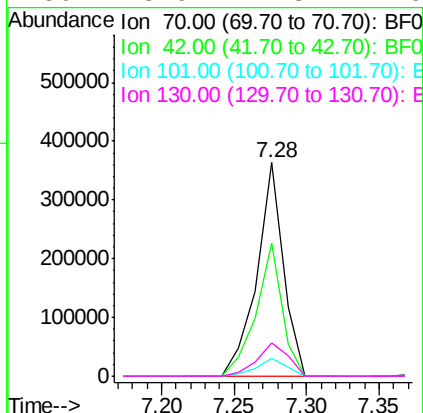




#19
n-Nitroso-di-n-propylamine
Concen: 35.04 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

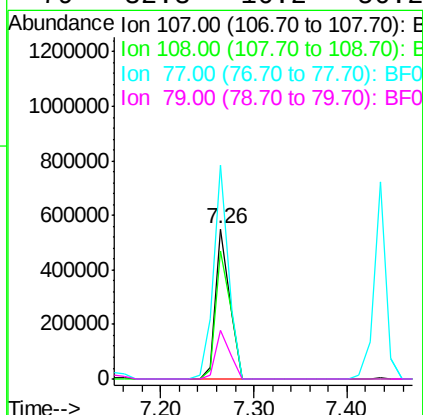
Instrument :
BNA_F
ClientSampleId :

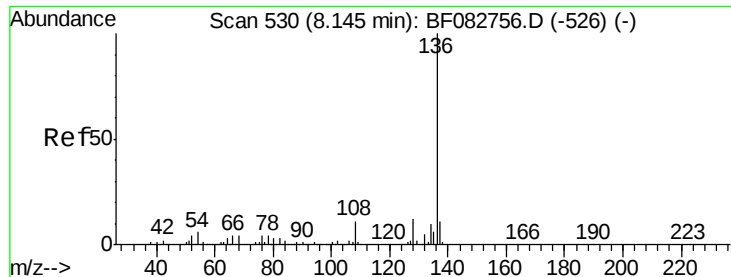
Tot Ion:	70	Resp:	462176
Ion	Ratio	Lower	Upper
70	100		
42	62.3	57.7	86.5
101	8.5	7.0	10.6
130	15.9	11.8	17.6



#20
3+4-Methylphenols
Concen: 34.60 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:	107	Resp:	570047
Ion	Ratio	Lower	Upper
107	100		
108	85.5	67.3	107.3
77	142.4	100.3	140.3#
79	32.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 812339

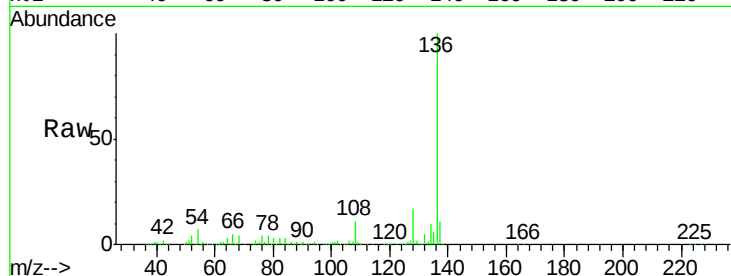
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.6 9.1 13.7#

68 4.3 4.8 7.2#

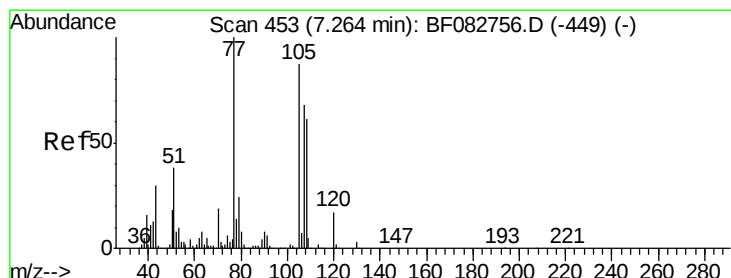
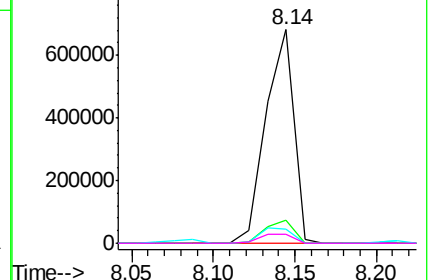
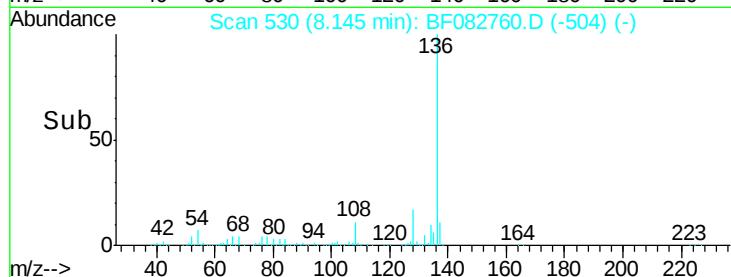


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.31 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:105 Resp: 821930

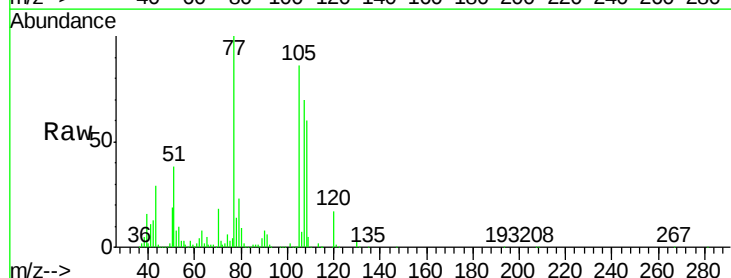
Ion Ratio Lower Upper

105 100

71 3.5 5.6 8.4#

51 44.3 24.9 37.3#

120 20.0 15.8 23.8

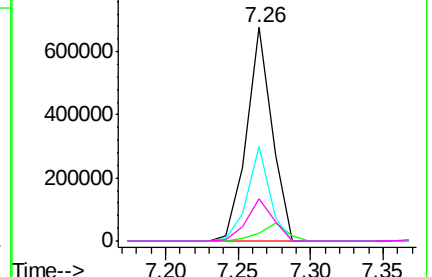
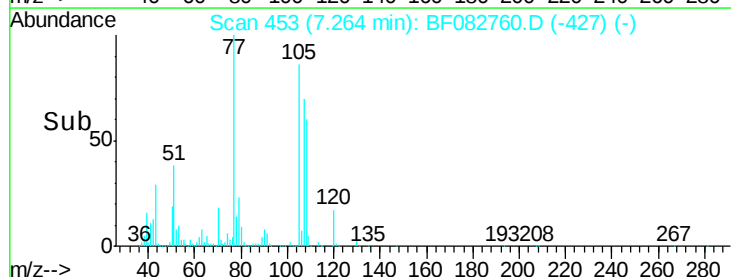


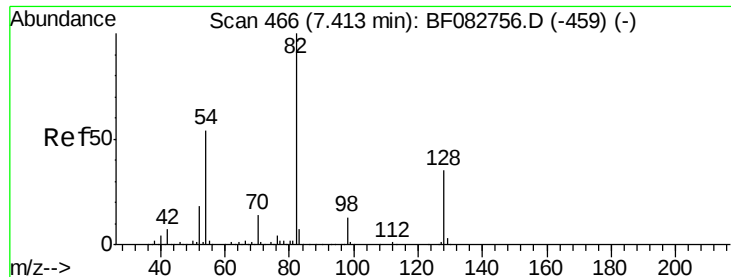
Abundance Ion 105.00 (104.70 to 105.70): E

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

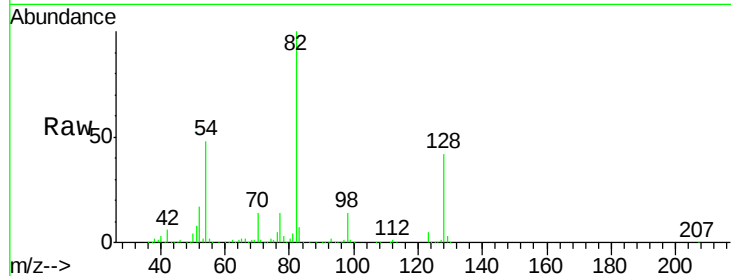




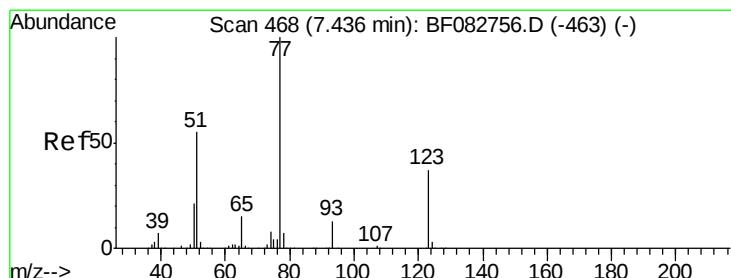
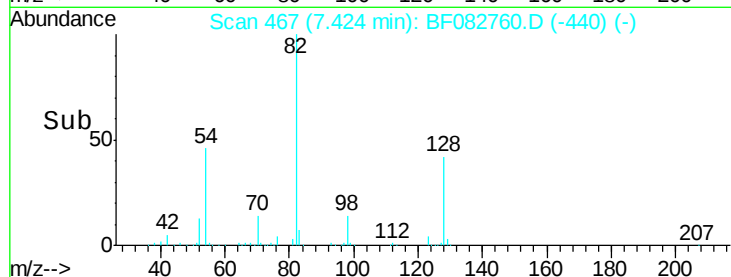
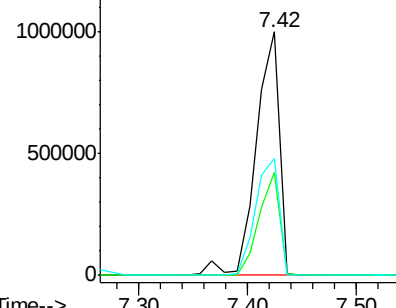
#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1476487
 Ion Ratio Lower Upper
 82 100
 128 42.0 26.8 40.2#
 54 47.8 45.7 68.5

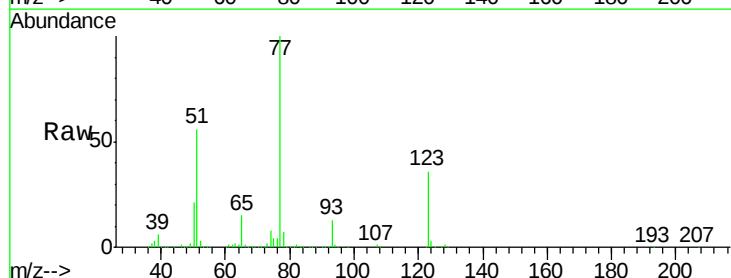


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

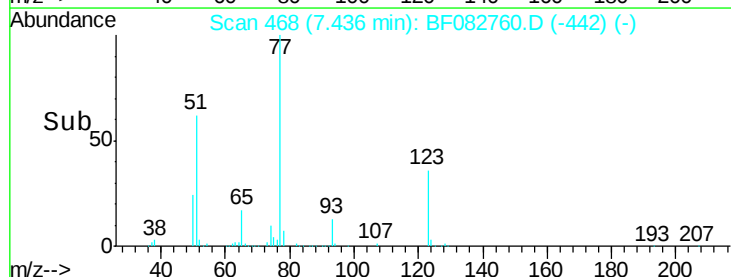
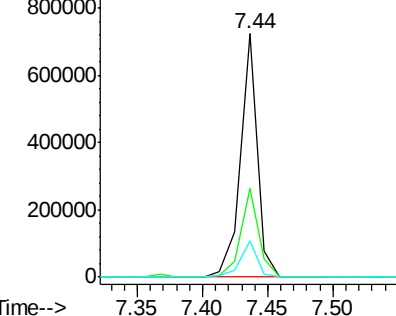


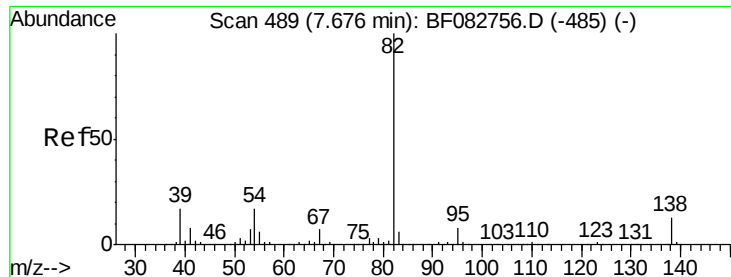
#24
 Nitrobenzene
 Concen: 34.25 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion: 77 Resp: 653807
 Ion Ratio Lower Upper
 77 100
 123 36.4 36.4 54.6
 65 15.0 11.5 17.3



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





#25

Isophorone

Concen: 37.80 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

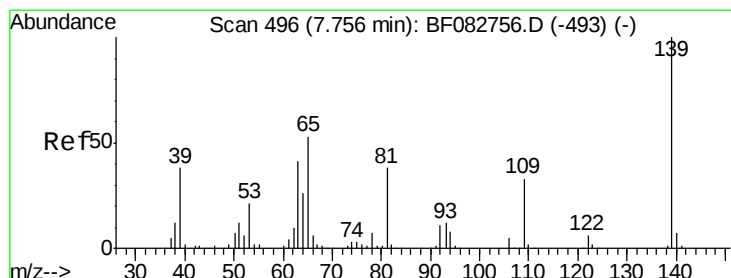
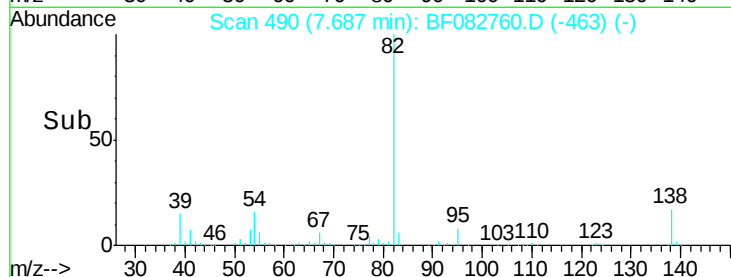
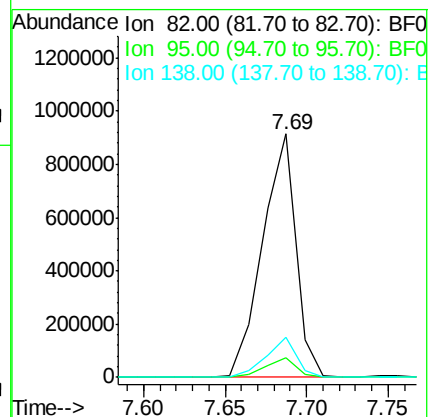
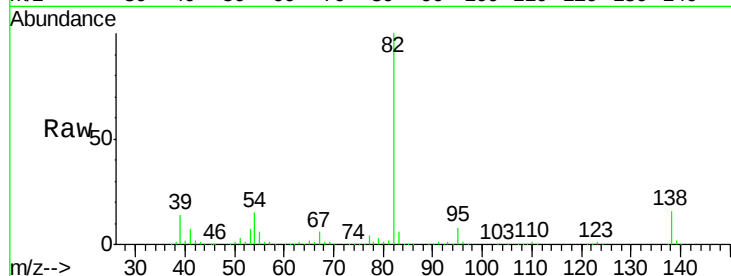
Tot Ion: 82 Resp: 1305855

Ion Ratio Lower Upper

82 100

95 7.8 6.6 9.8

138 16.4 11.4 17.0



#26

2-Nitrophenol

Concen: 41.15 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

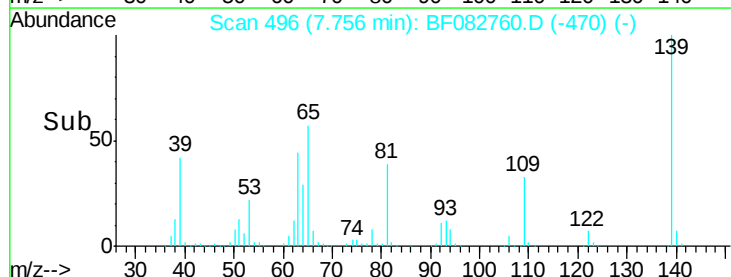
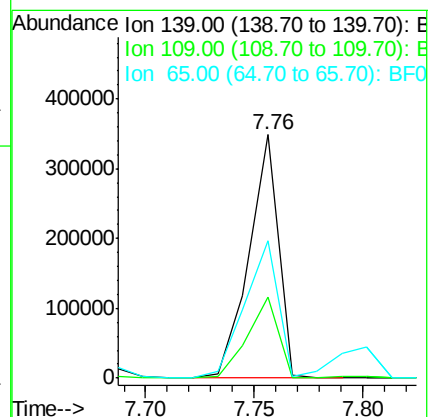
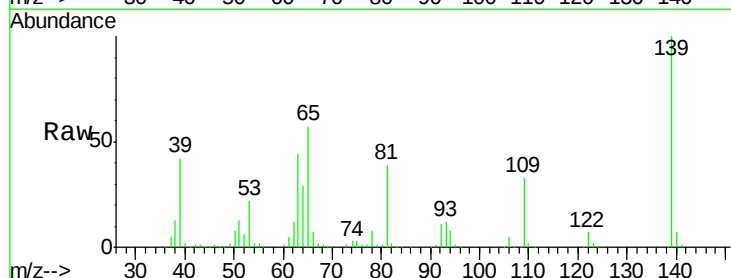
Tgt Ion: 139 Resp: 327936

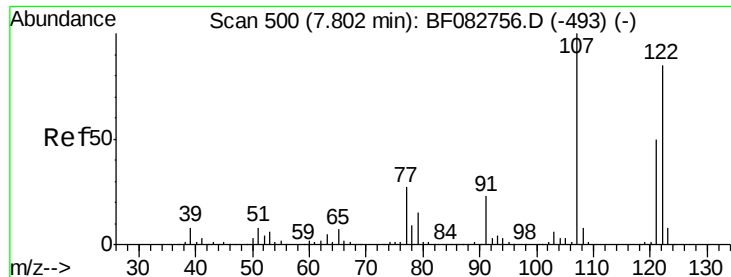
Ion Ratio Lower Upper

139 100

109 33.2 37.6 56.4#

65 56.5 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 38.35 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

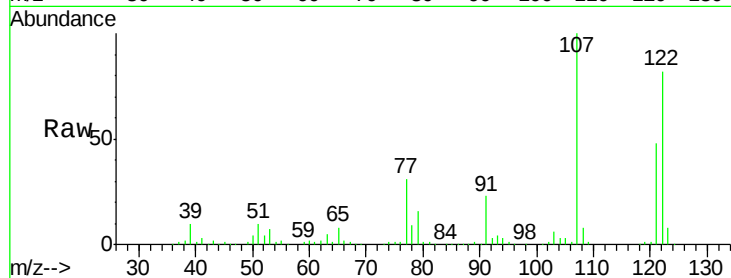
Tot Ion:122 Resp: 549169

Ion Ratio Lower Upper

122 100

107 122.0 106.0 159.0

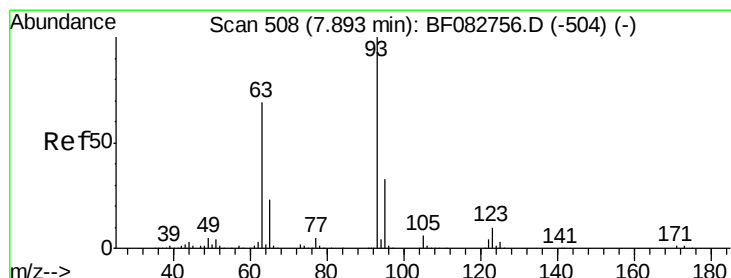
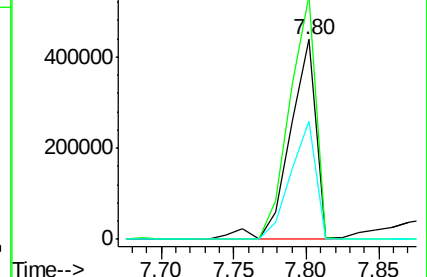
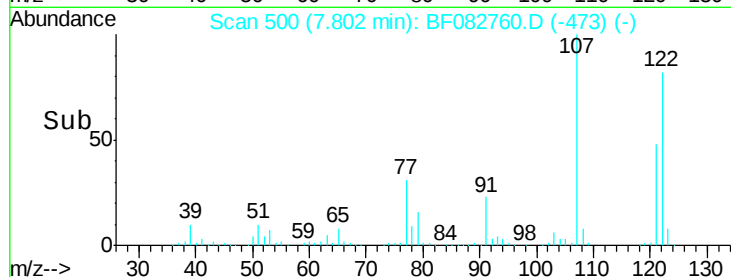
121 58.9 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.03 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

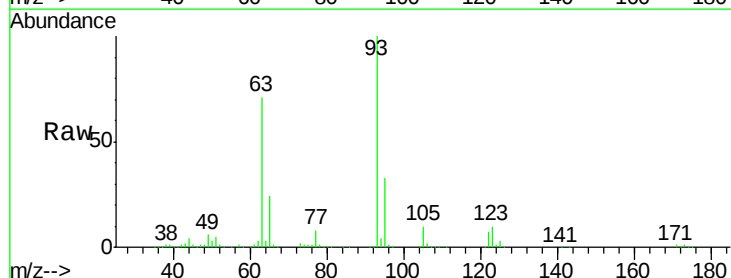
Tgt Ion: 93 Resp: 721599

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

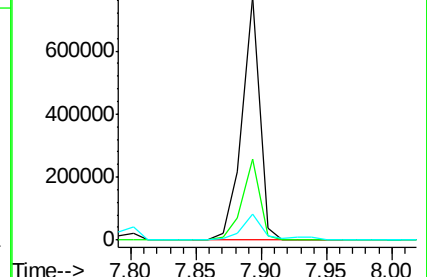
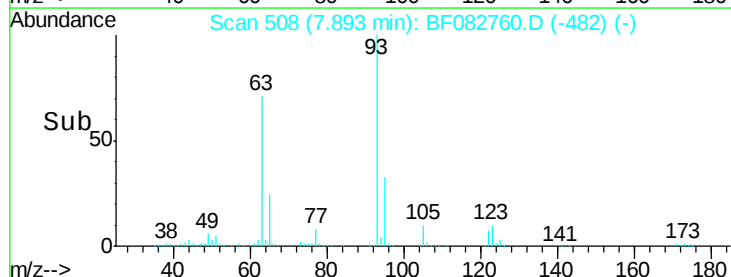
123 10.5 9.7 14.5

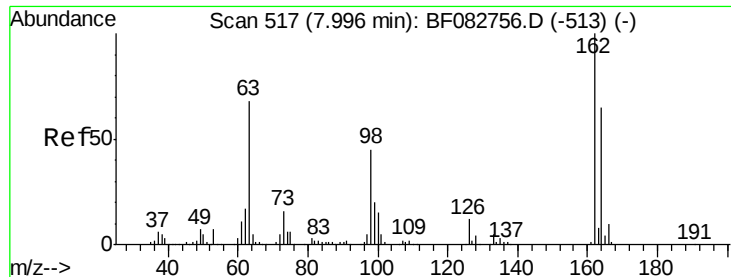


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

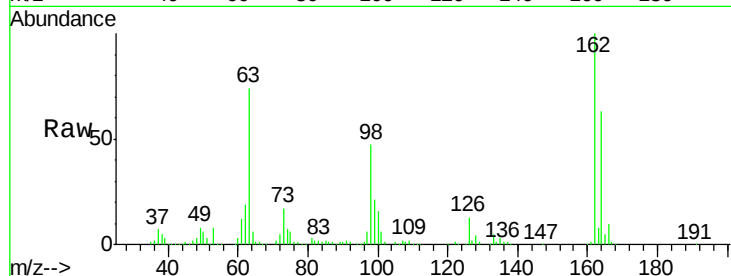




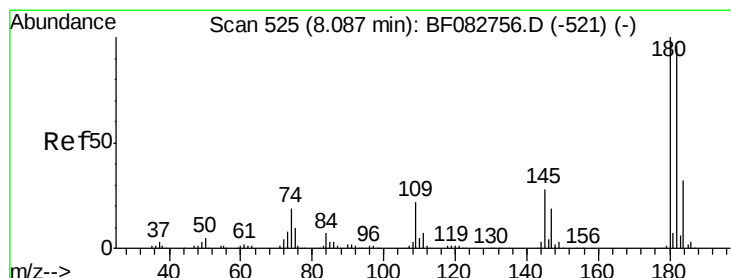
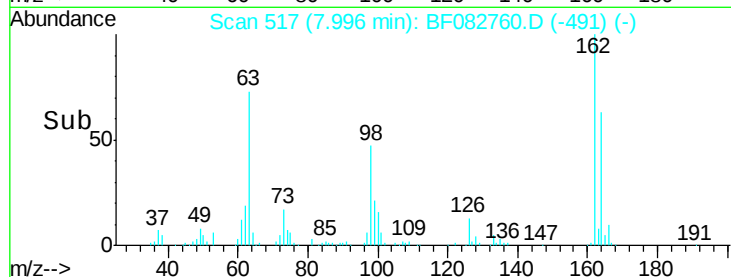
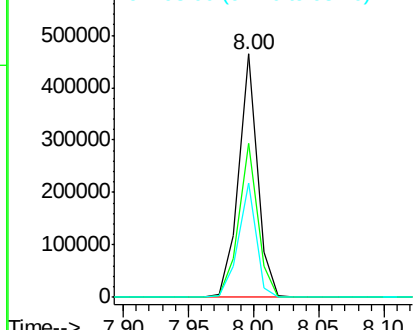
#29
 2,4-Dichlorophenol
 Concen: 36.03 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	46.8	12.5	52.5

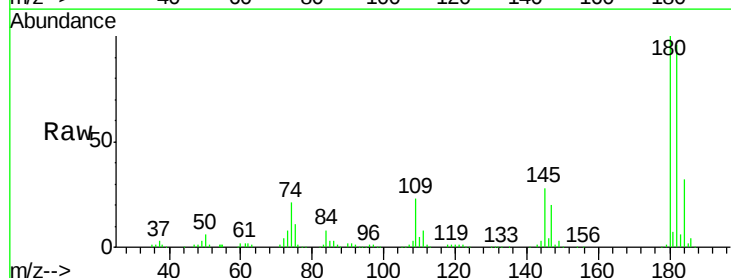


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

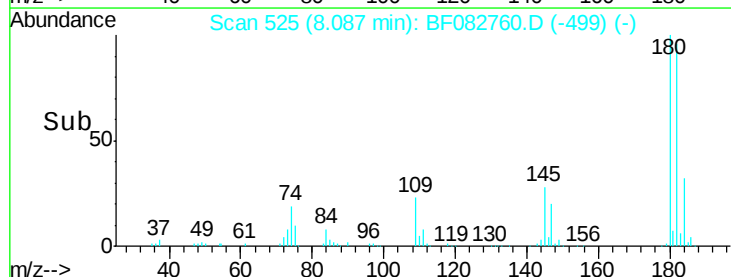
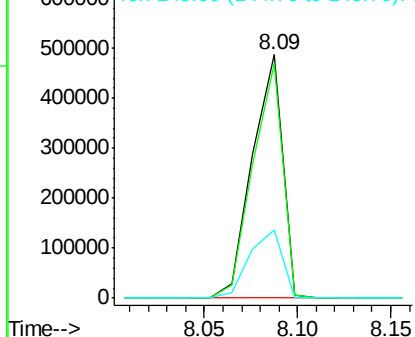


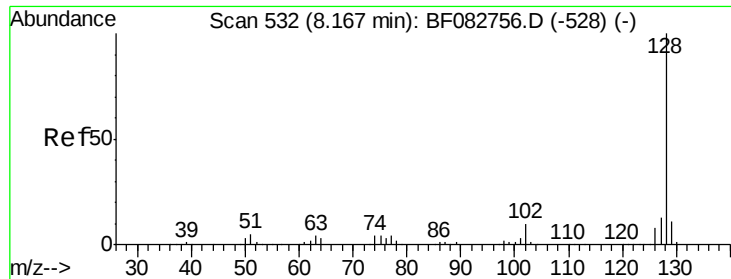
#30
 1,2,4-Trichlorobenzene
 Concen: 38.11 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	74.9	112.3
145	28.3	27.8	41.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

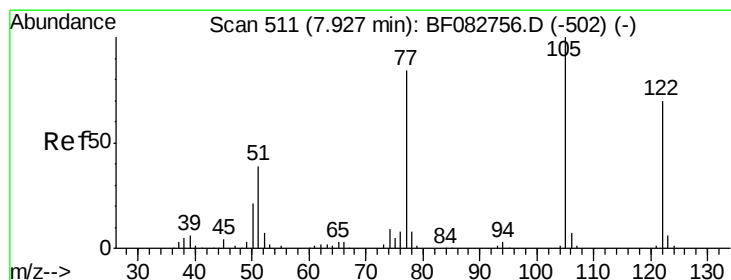
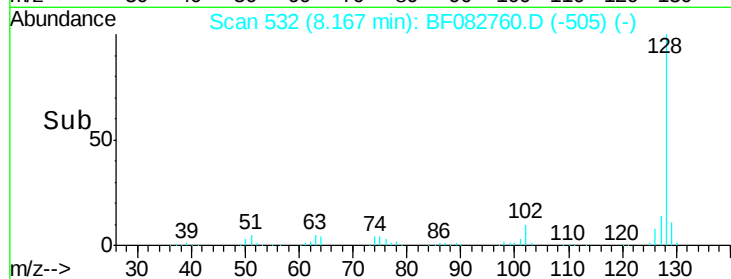
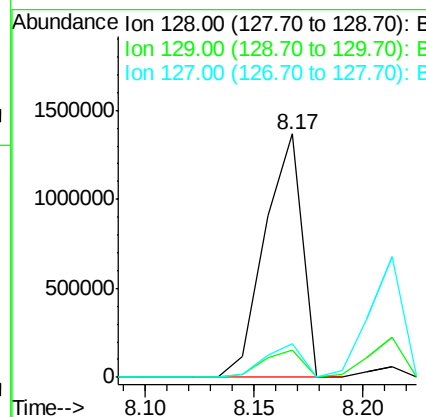
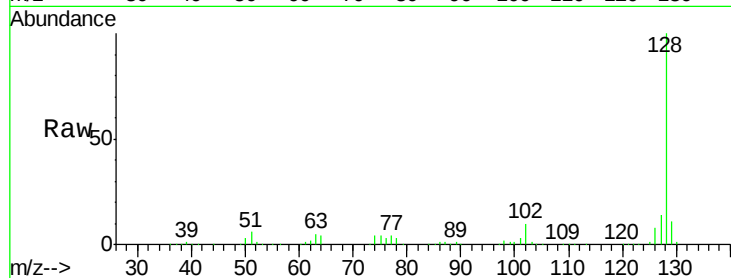




#31
Naphthalene
Concen: 36.74 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

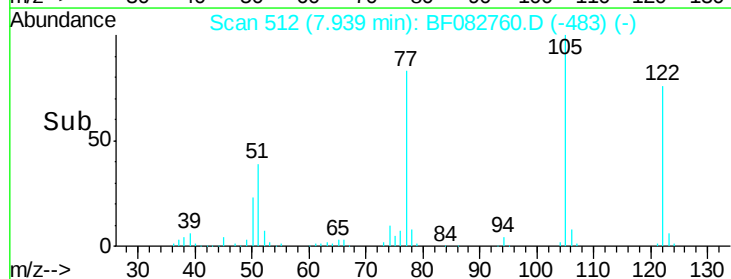
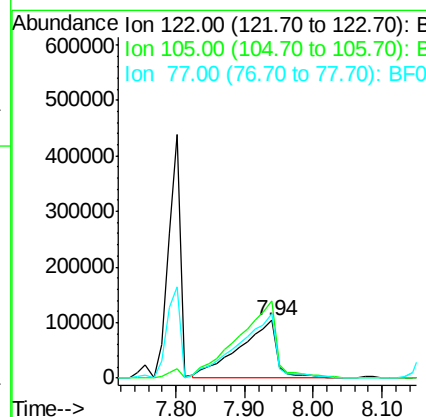
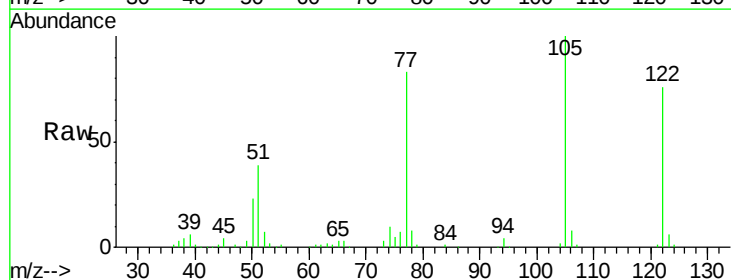
Instrument :
BNA_F
ClientSampleId :

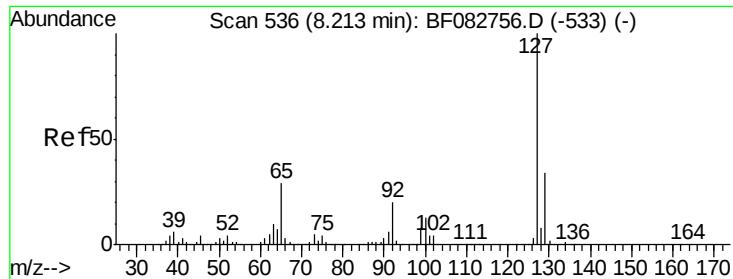
Tot Ion:128 Resp: 1646819
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 39.89 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.03 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:122 Resp: 391016
Ion Ratio Lower Upper
122 100
105 132.3 122.6 162.6
77 110.3 100.9 140.9

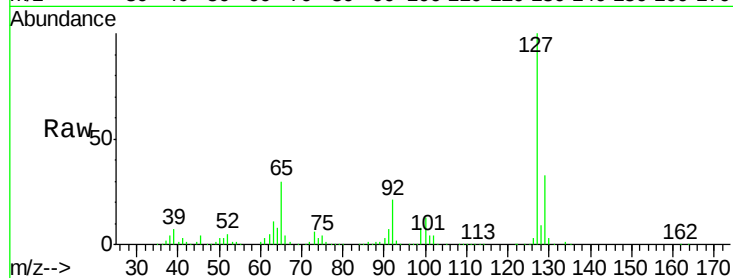




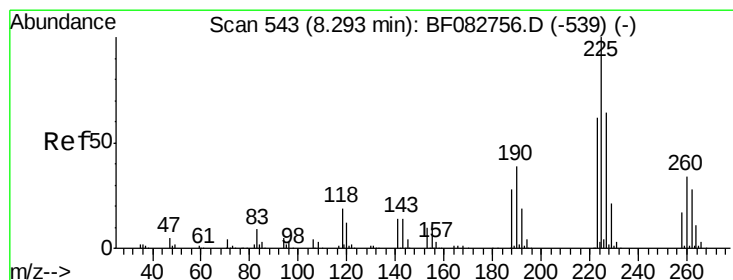
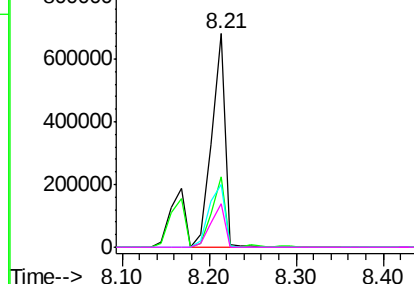
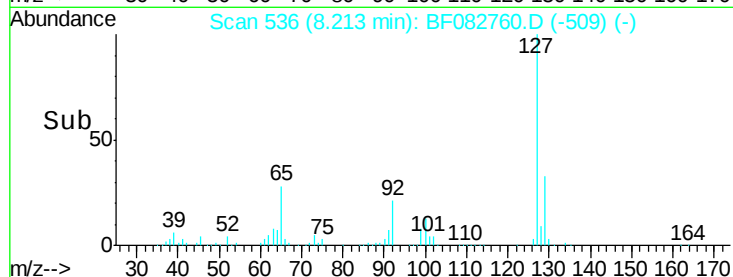
#33
4-Chloroaniline
Concen: 38.04 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	734833
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.6	37.8	56.8#
92	20.5	20.6	31.0#

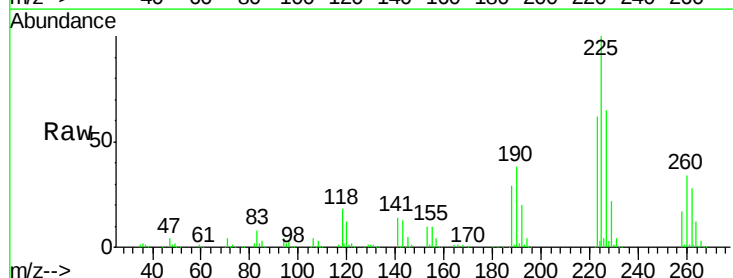


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

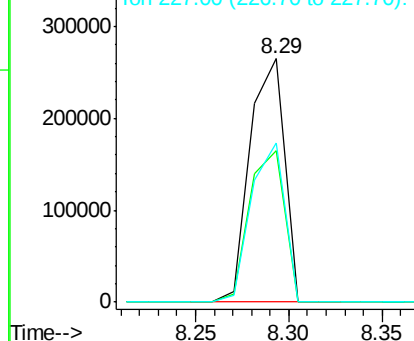
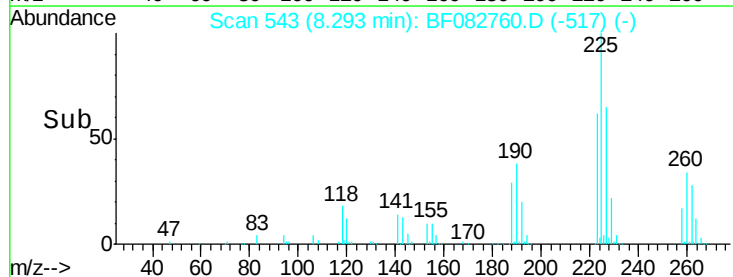


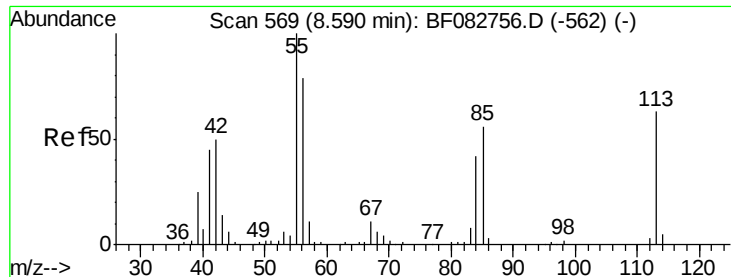
#34
Hexachlorobutadiene
Concen: 37.25 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:	225	Resp:	339261
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.5	75.7
227	65.4	50.2	75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

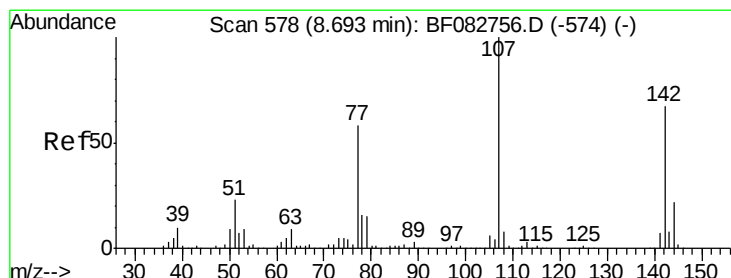
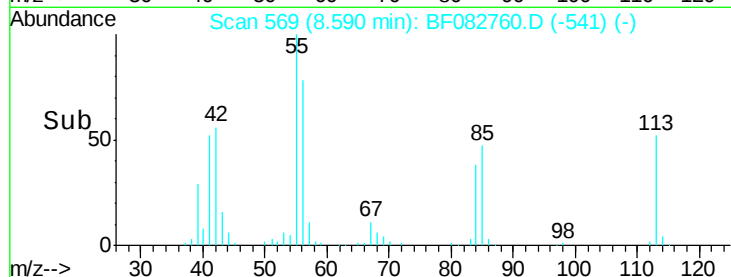
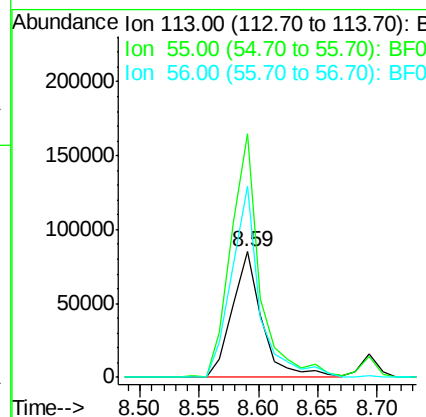
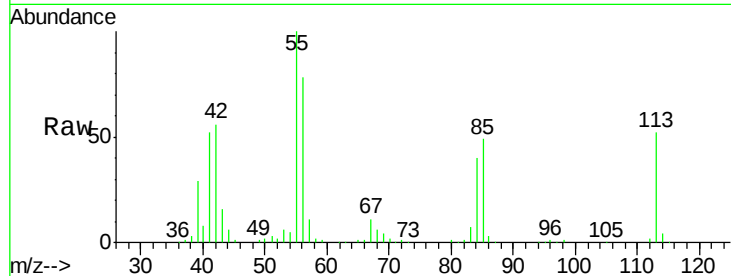




#35
 Caprolactam
 Concen: 36.53 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

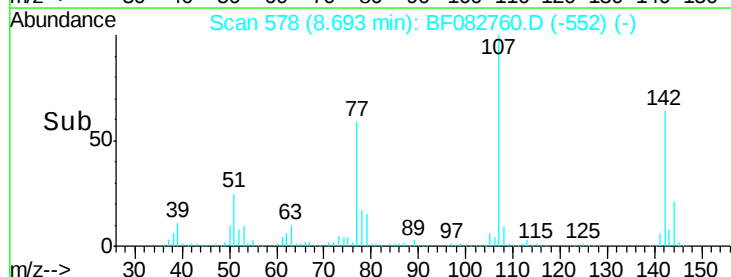
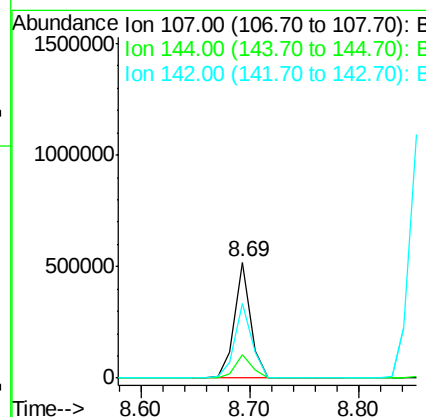
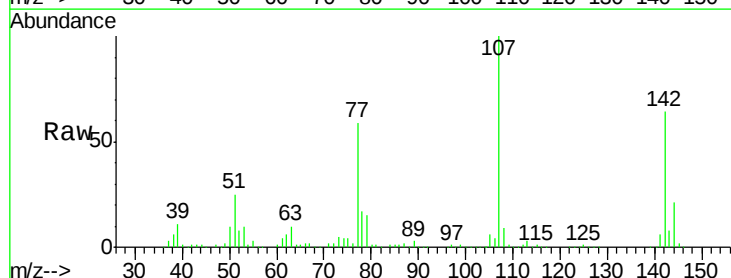
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 149029
 Ion Ratio Lower Upper
 113 100
 55 193.5 195.5 235.5#
 56 151.6 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 34.72 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:107 Resp: 528388
 Ion Ratio Lower Upper
 107 100
 144 20.8 15.4 23.0
 142 64.3 47.8 71.8

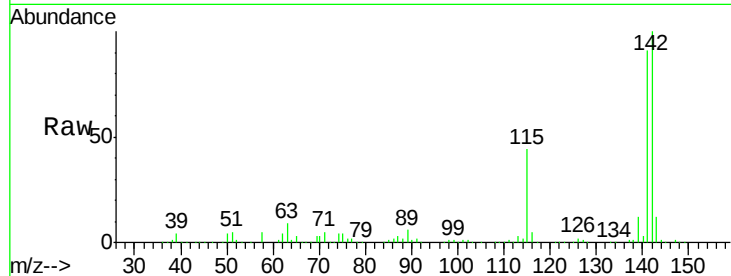




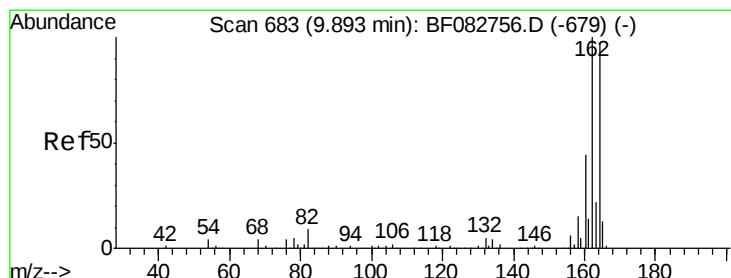
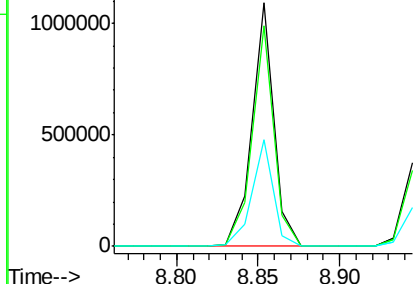
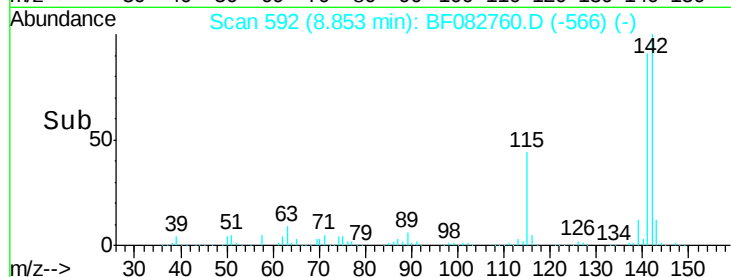
#37
2-Methylnaphthalene
Concen: 35.09 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1017361
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5
115 44.1 38.1 57.1

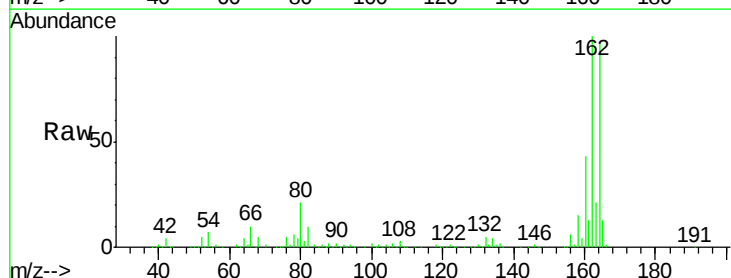


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

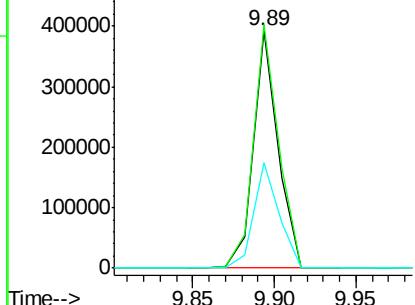
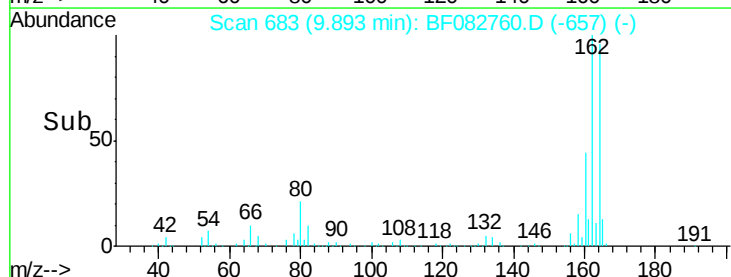


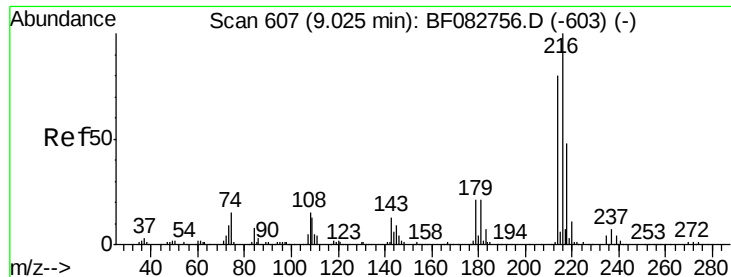
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:164 Resp: 407615
Ion Ratio Lower Upper
164 100
162 102.6 84.9 127.3
160 44.6 37.5 56.3



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

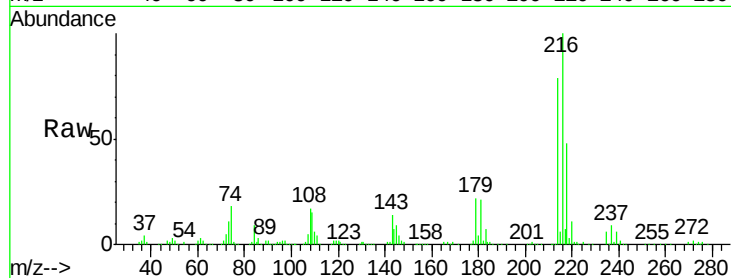




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.36 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.2	93.2
179	22.8	18.1	27.1
108	20.7	16.6	25.0

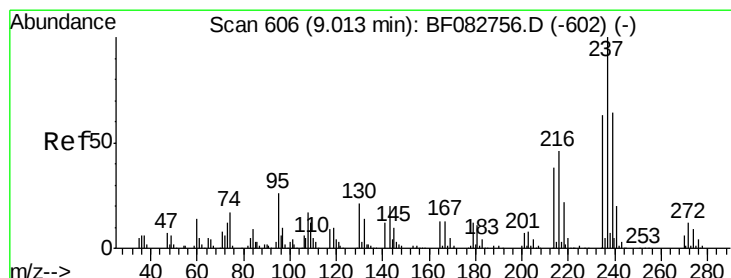
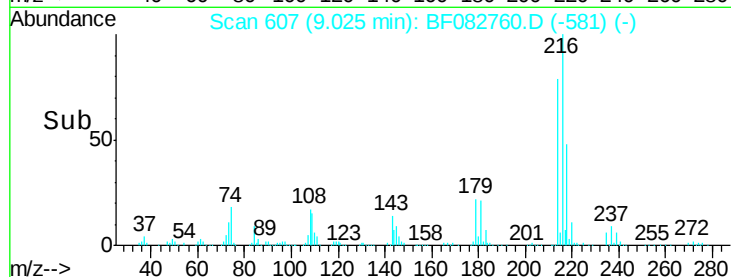
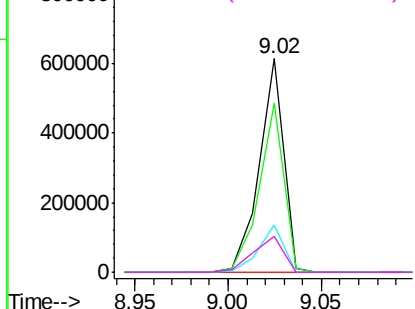


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

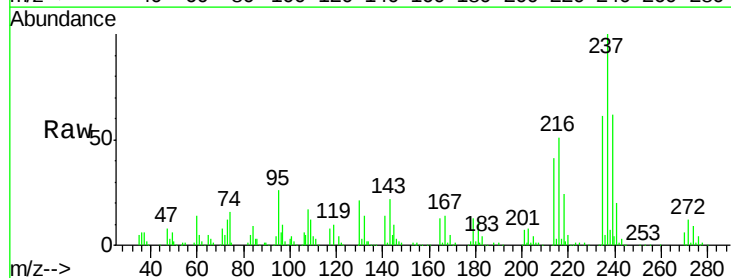
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 42.00 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

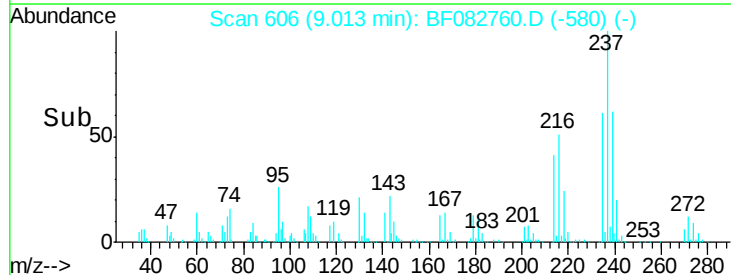
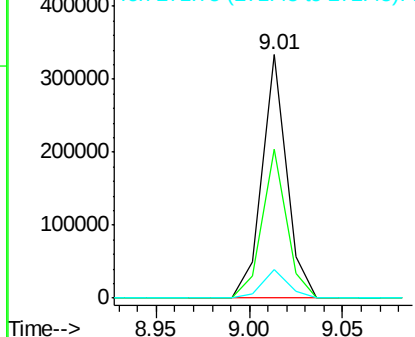
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.3	84.3
272	11.7	0.0	31.9

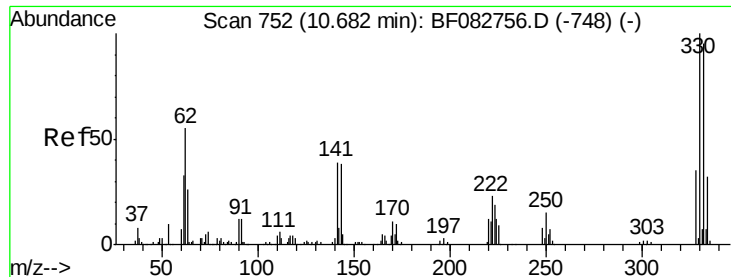


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

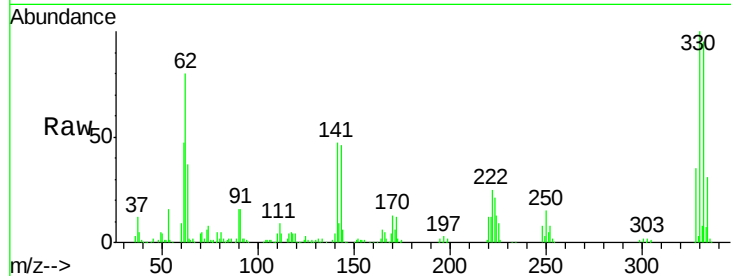




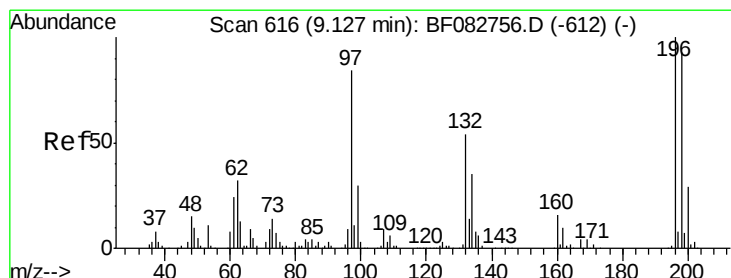
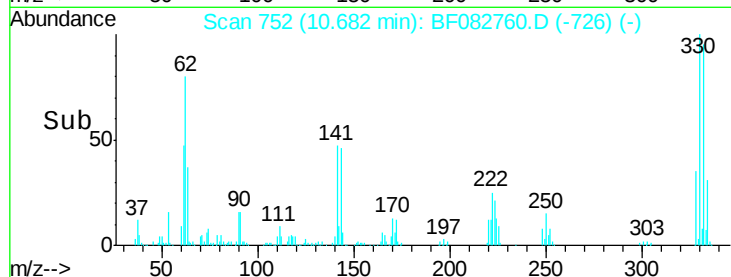
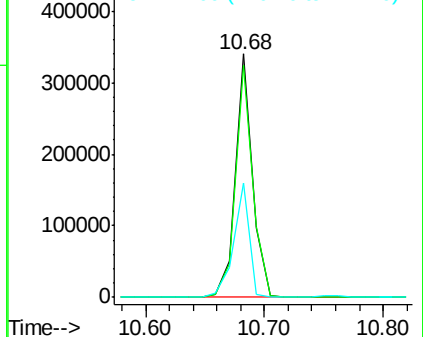
#41
 2,4,6-Tribromophenol
 Concen: 72.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 340634
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 43.0 41.2 61.8

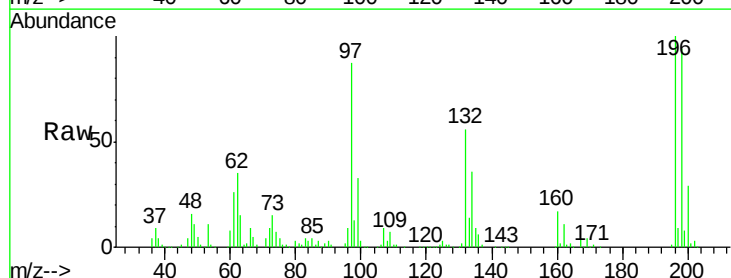


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

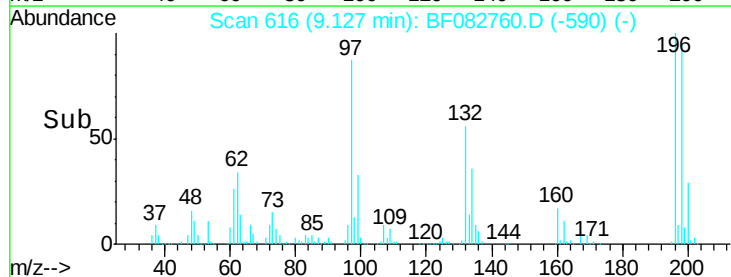
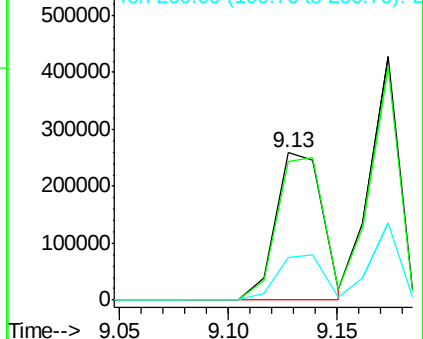


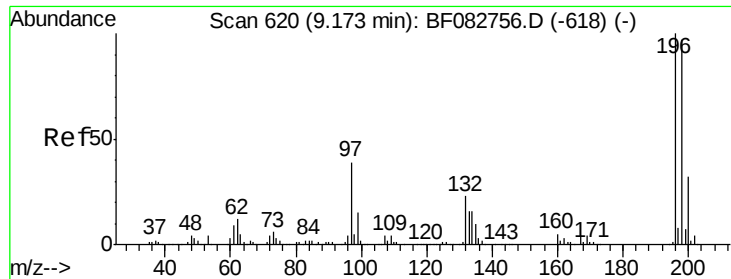
#42
 2,4,6-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:196 Resp: 386181
 Ion Ratio Lower Upper
 196 100
 198 93.6 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

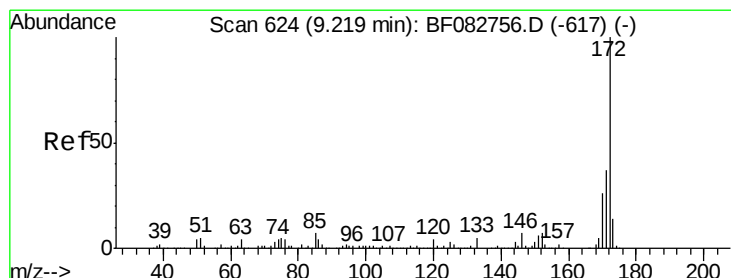
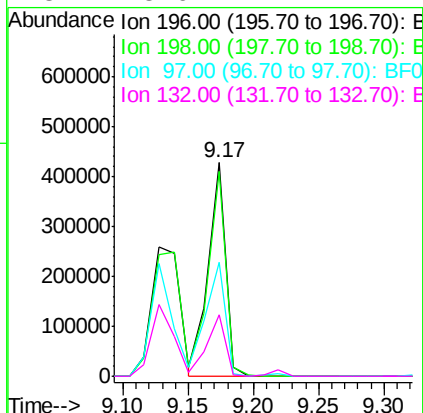
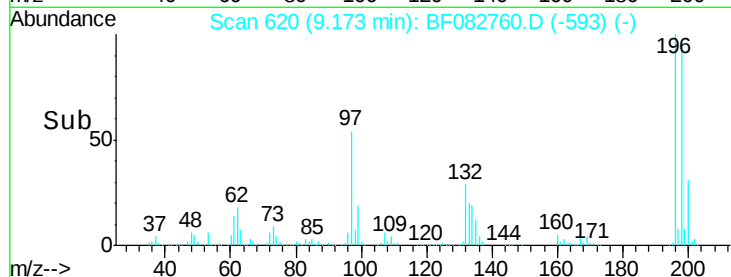
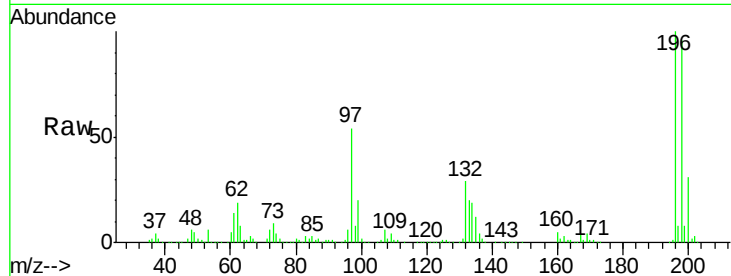




#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

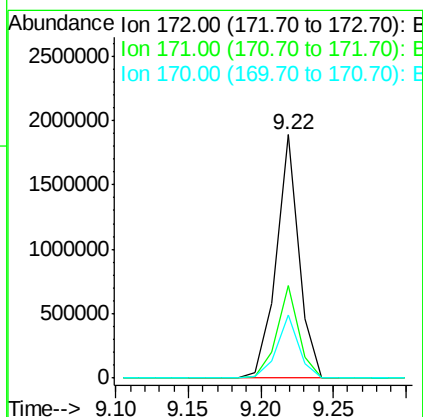
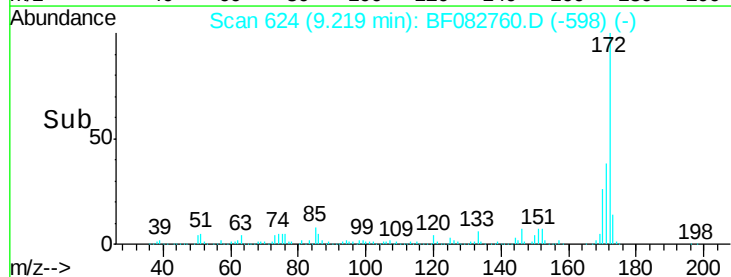
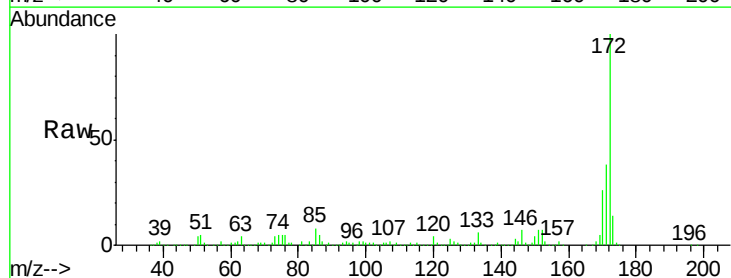
Instrument :
 BNA_F
 ClientSampleId :

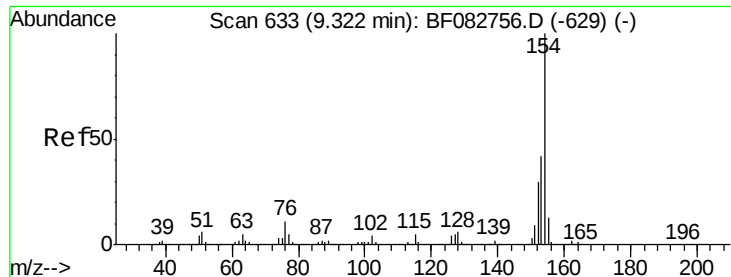
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.8	113.8
97	53.6	62.3	93.5
132	28.6	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 71.66 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.9	21.2	31.8





#45

1,1'-Biphenyl

Concen: 40.62 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

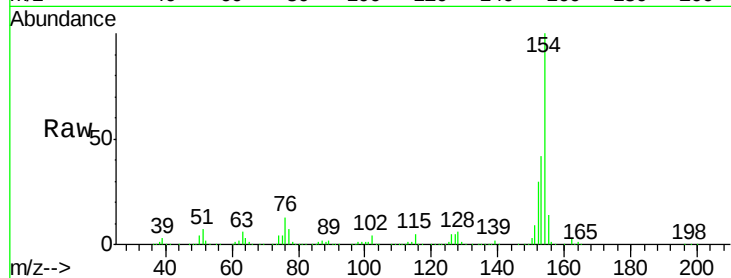
Tot Ion:154 Resp: 1420625

Ion Ratio Lower Upper

154 100

153 42.2 22.0 62.0

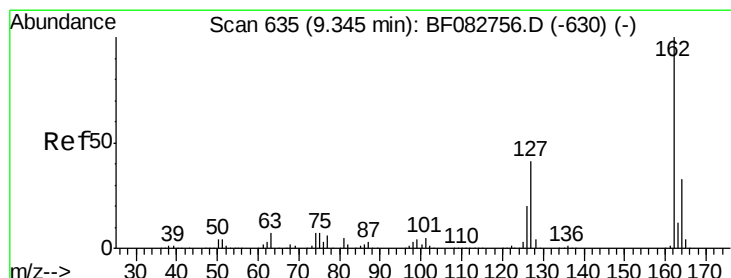
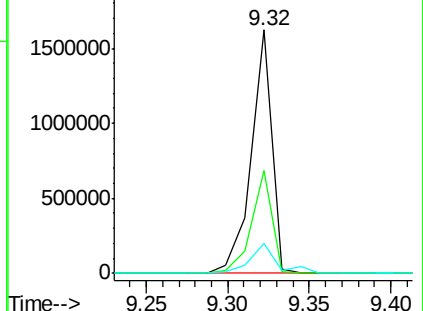
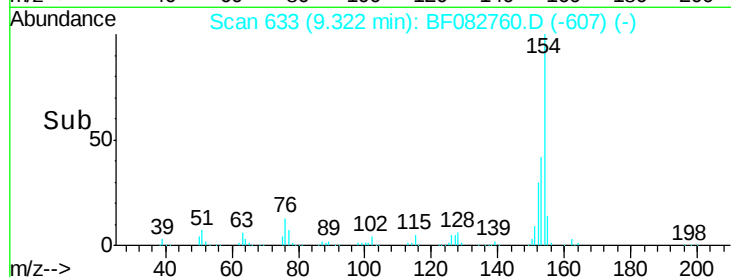
76 12.5 0.0 29.0



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: 40.46 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

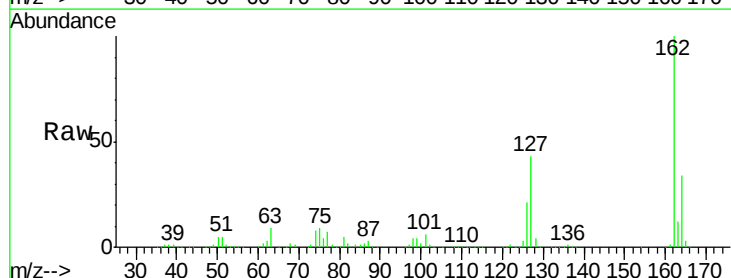
Tgt Ion:162 Resp: 1104006

Ion Ratio Lower Upper

162 100

127 43.3 32.7 49.1

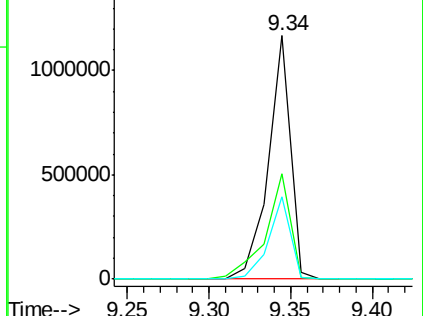
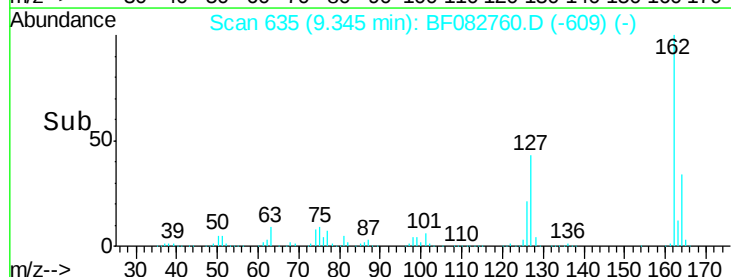
164 33.8 27.4 41.0



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

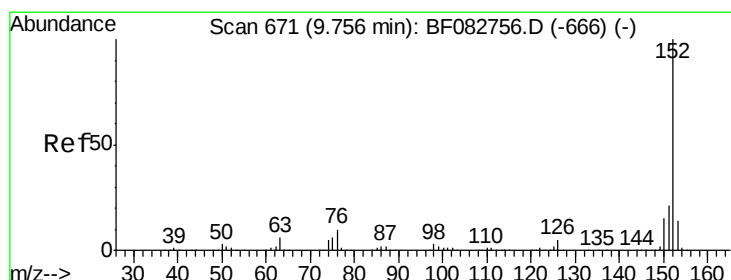
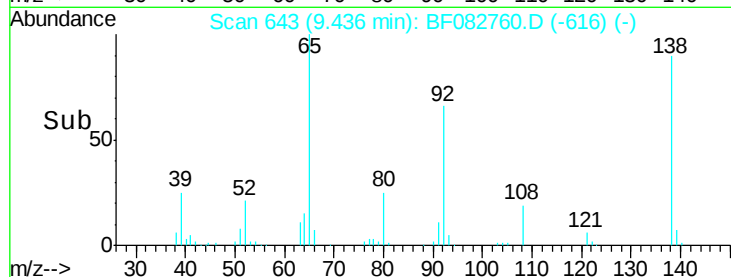
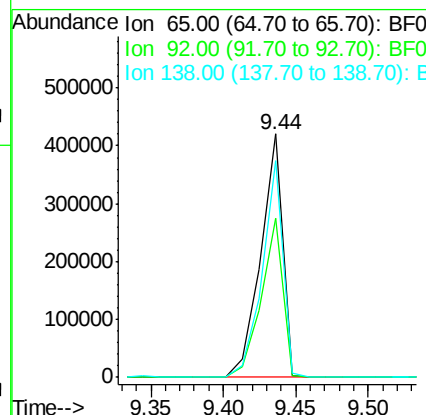
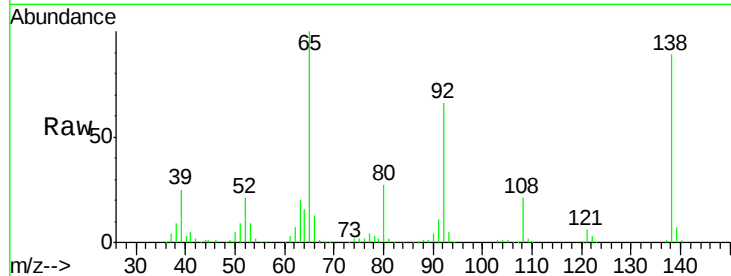




#47
 2-Nitroaniline
 Concen: 43.53 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

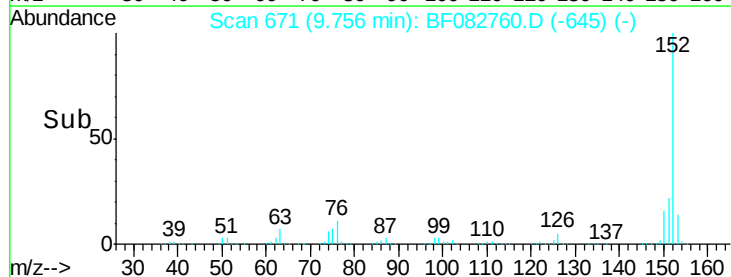
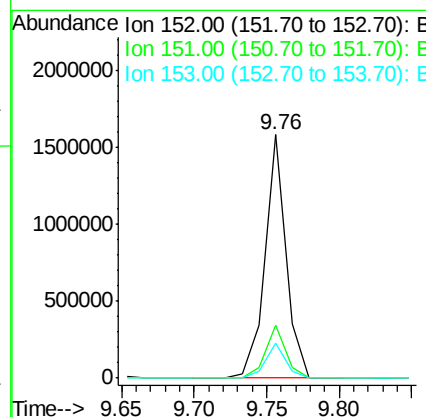
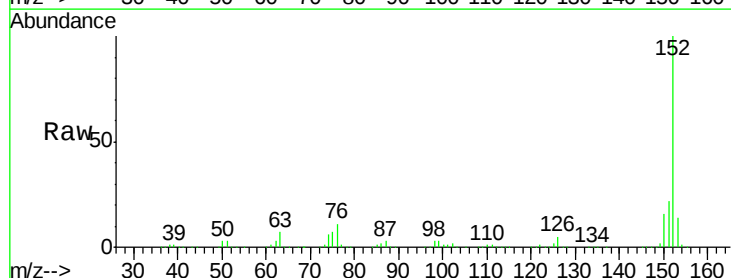
Instrument :
 BNA_F
 ClientSampled :

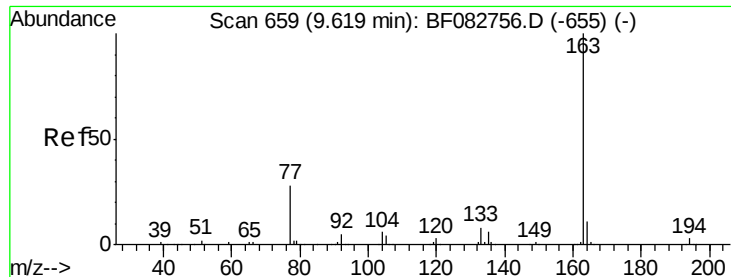
Tot Ion: 65 Resp: 440549
 Ion Ratio Lower Upper
 65 100
 92 65.6 46.6 70.0
 138 89.2 54.6 81.8#



#48
 Acenaphthylene
 Concen: 37.06 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion: 152 Resp: 1584716
 Ion Ratio Lower Upper
 152 100
 151 21.6 17.3 25.9
 153 14.3 11.3 16.9

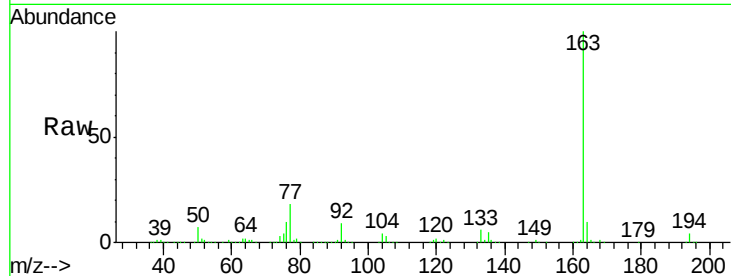




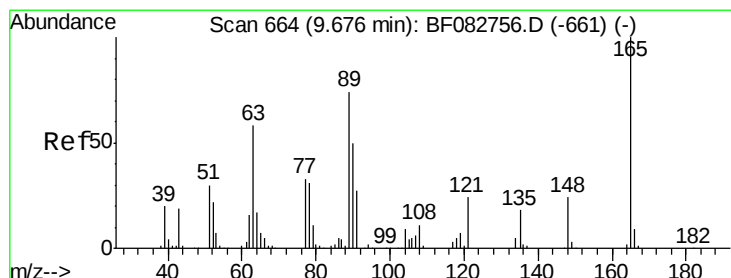
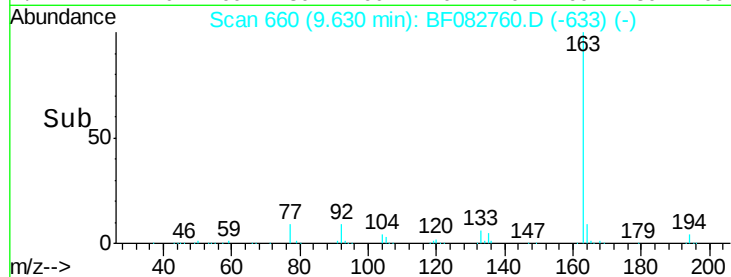
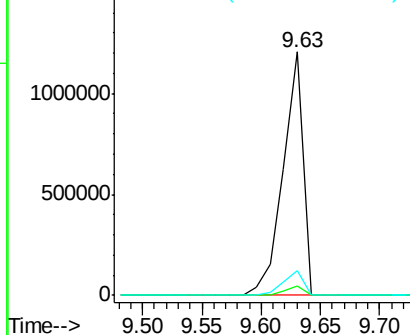
#49
Dimethylphthalate
Concen: 41.83 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1397120
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.4 8.7 13.1

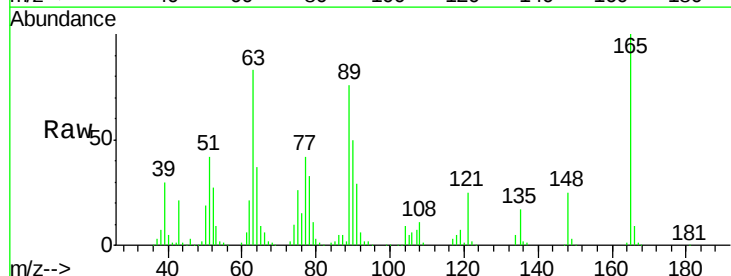


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

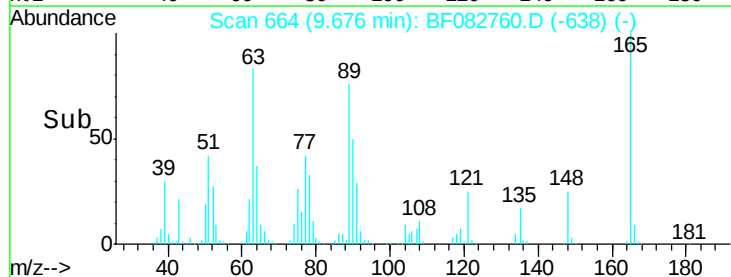
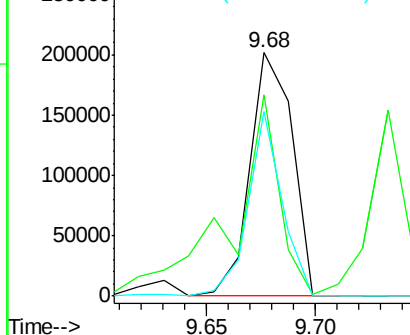


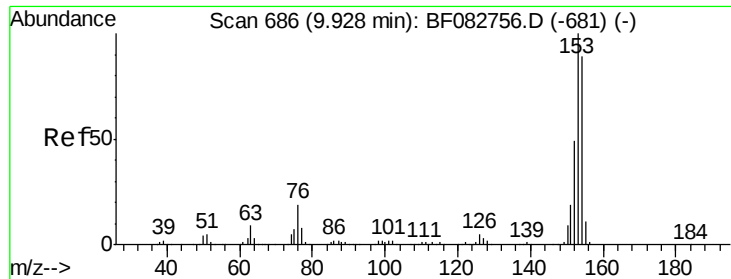
#50
2,6-Dinitrotoluene
Concen: 38.45 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:165 Resp: 273994
Ion Ratio Lower Upper
165 100
63 82.6 55.5 83.3
89 76.0 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: 37.18 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

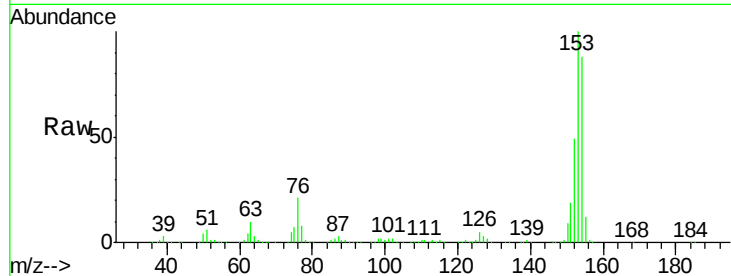
Tot Ion:154 Resp: 1007668

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

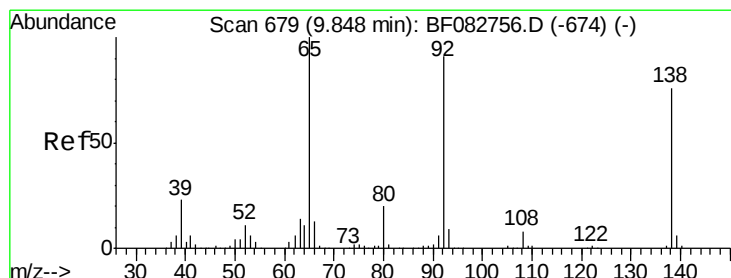
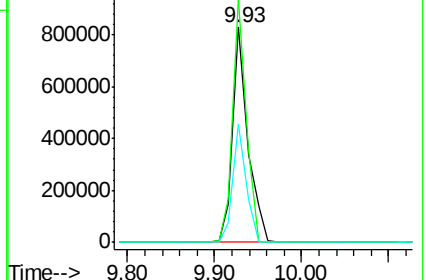
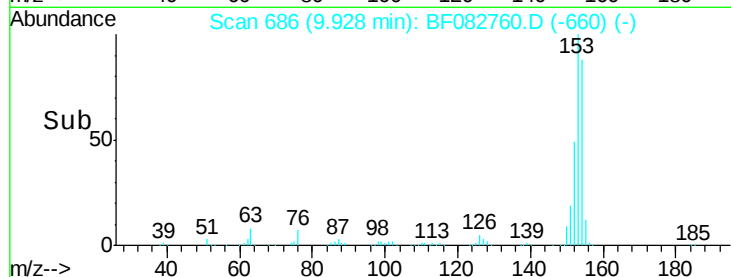
152 55.0 44.3 66.5



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: 38.54 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

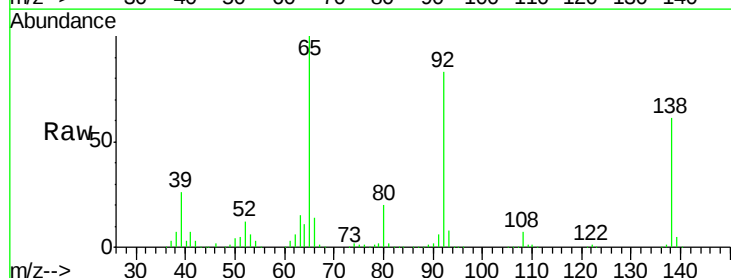
Tgt Ion:138 Resp: 302030

Ion Ratio Lower Upper

138 100

108 11.3 11.3 16.9

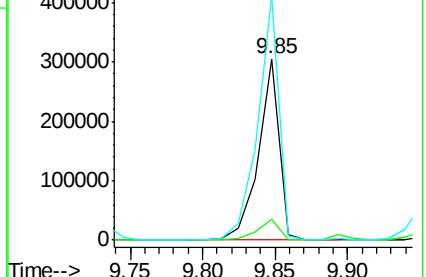
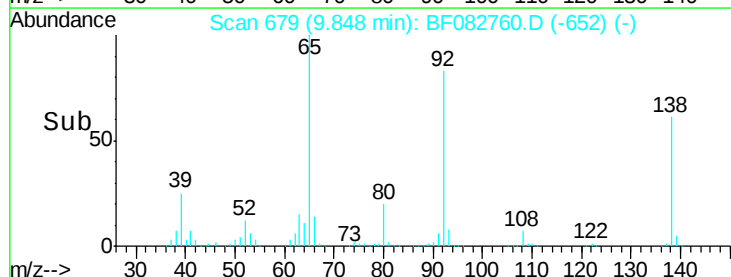
92 134.5 122.4 183.6

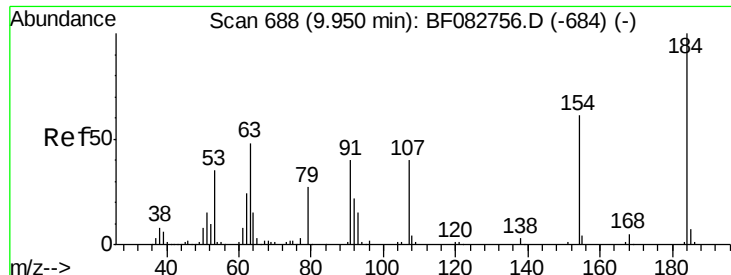


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

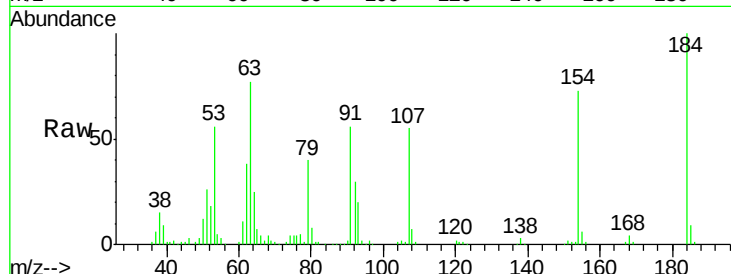




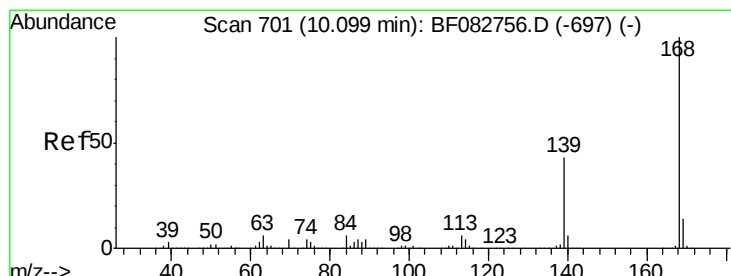
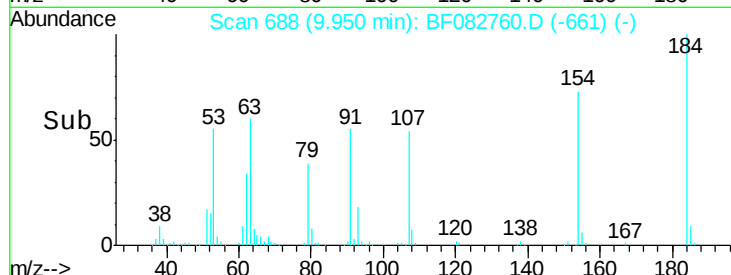
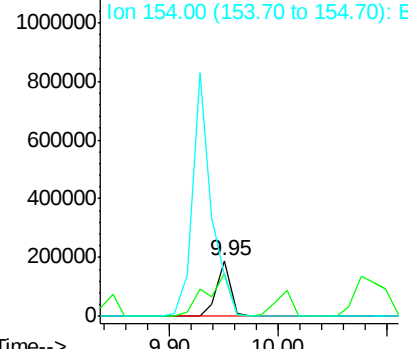
#53
 2,4-Dinitrophenol
 Concen: 43.70 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 170986
 Ion Ratio Lower Upper
 184 100
 63 76.9 98.6 148.0#
 154 72.9 183.9 275.9#

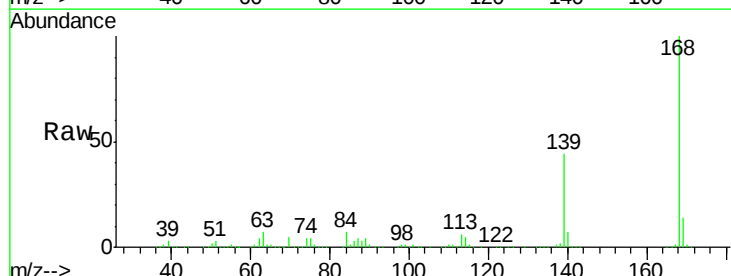


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

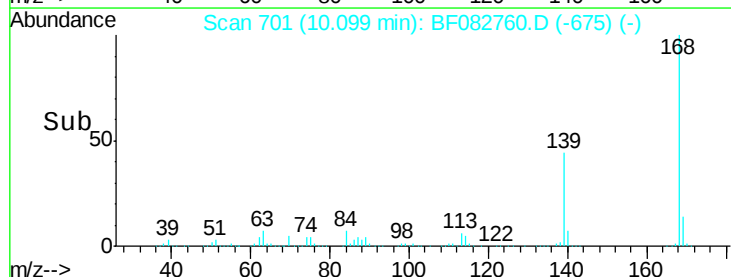
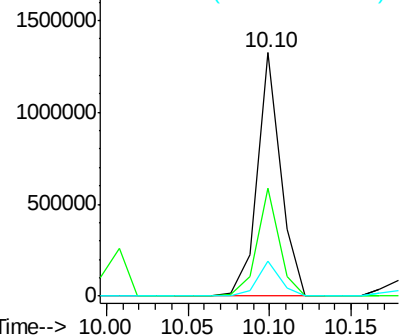


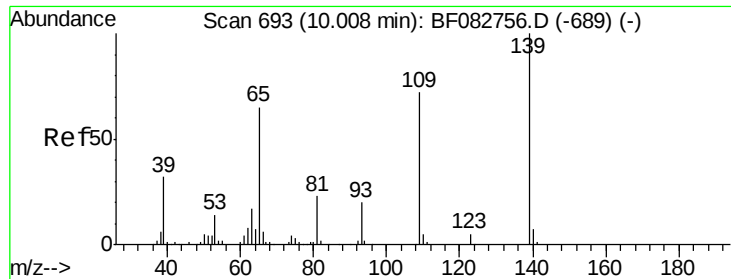
#54
 Dibenzofuran
 Concen: 36.22 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:168 Resp: 1323287
 Ion Ratio Lower Upper
 168 100
 139 44.2 37.8 56.6
 169 14.2 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

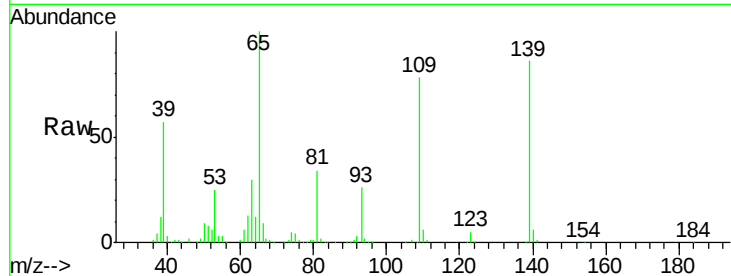




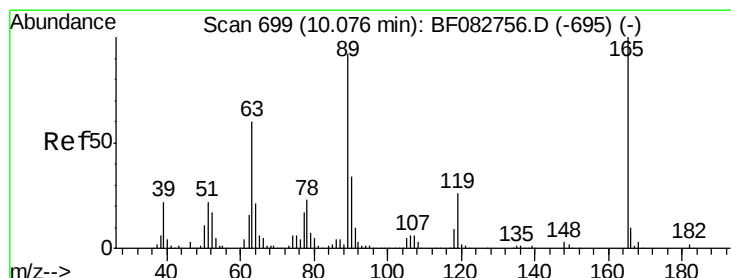
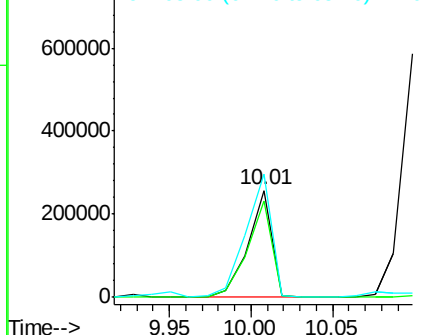
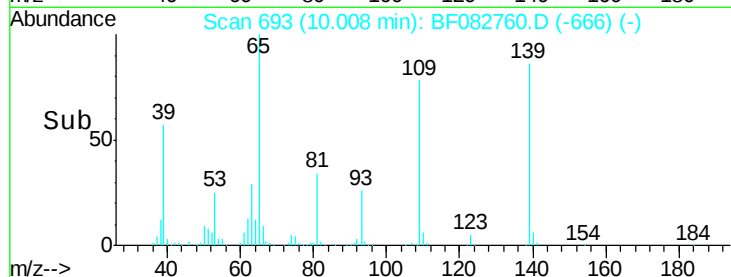
#55
4-Nitrophenol
Concen: 43.58 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 261994
Ion Ratio Lower Upper
139 100
109 90.1 73.7 113.7
65 115.9 82.9 122.9

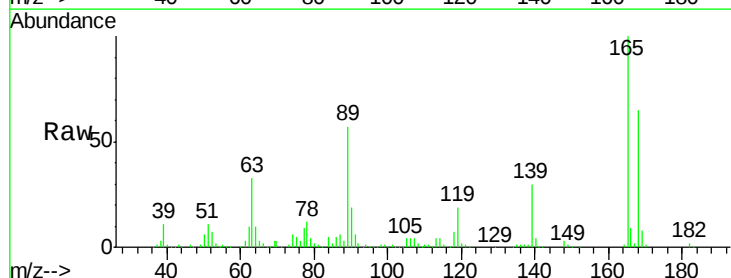


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

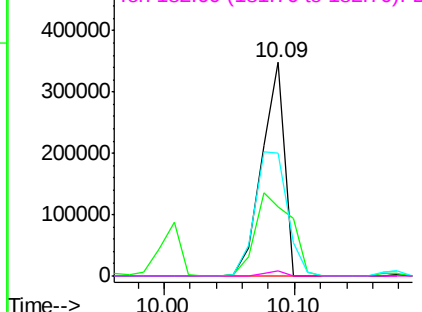
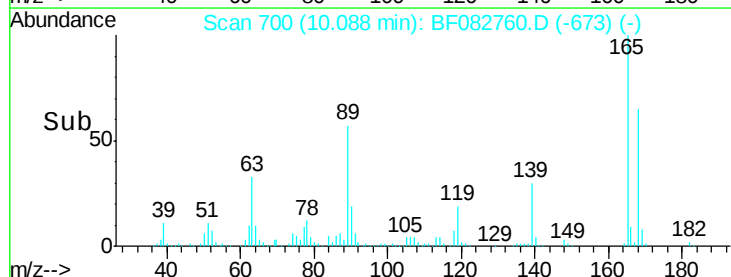


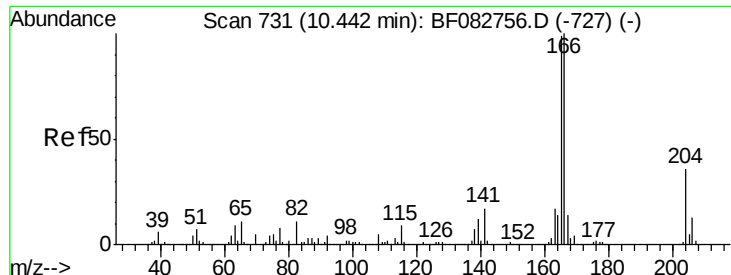
#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:165 Resp: 418778
Ion Ratio Lower Upper
165 100
63 32.7 43.4 65.0#
89 57.4 70.6 106.0#
182 2.3 1.5 2.3#



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

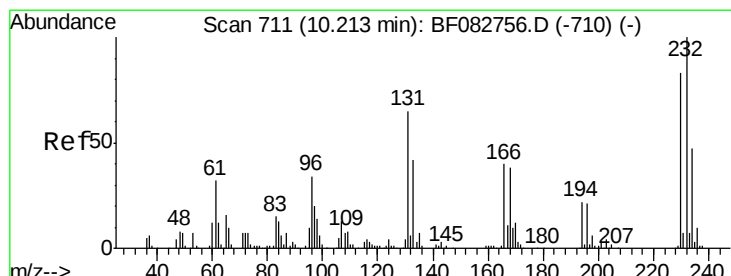
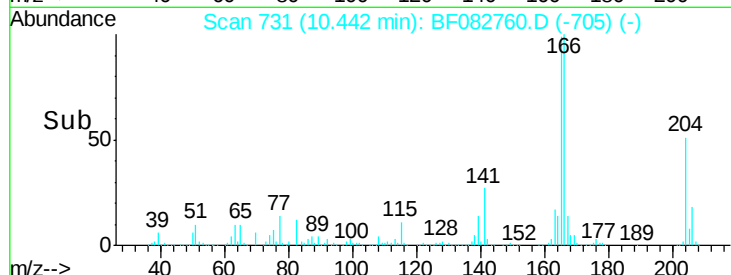
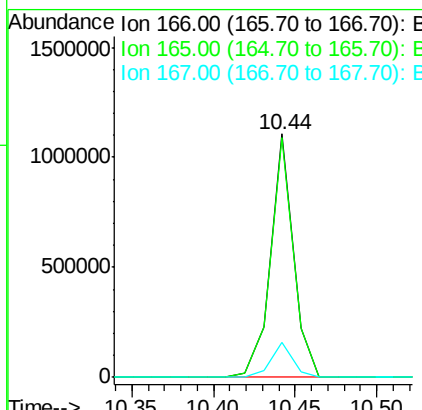
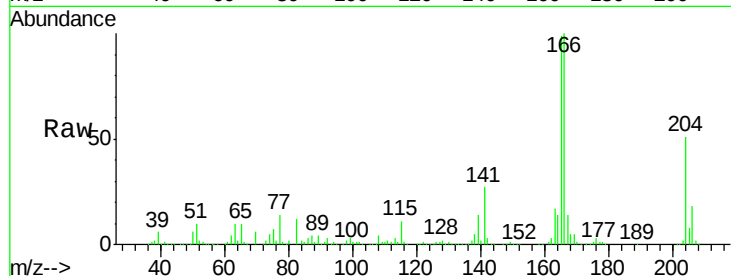




#57
 Fluorene
 Concen: 36.62 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

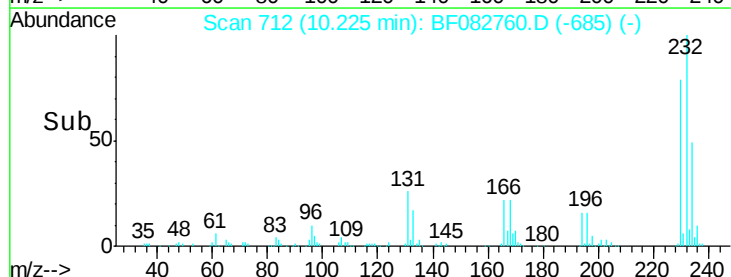
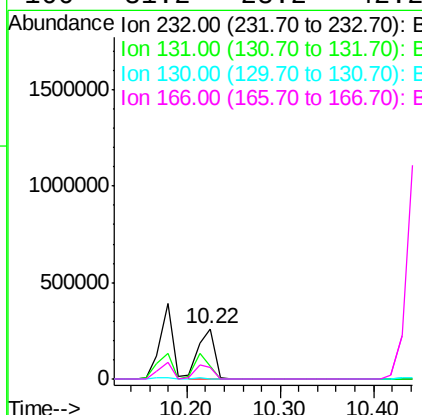
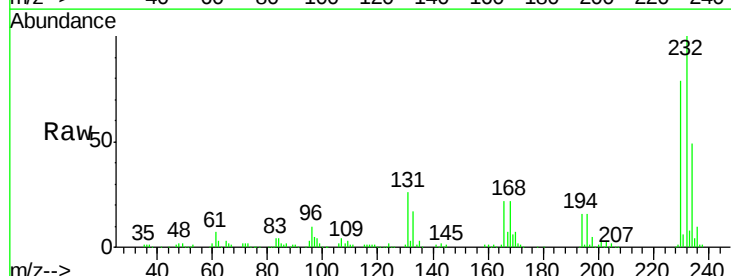
Instrument :
 BNA_F
 ClientSampled :

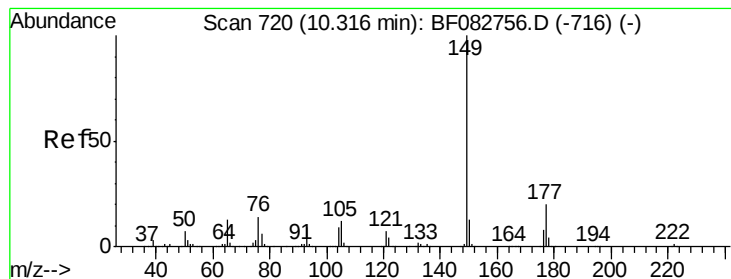
Tot Ion:166 Resp: 1083478
 Ion Ratio Lower Upper
 166 100
 165 98.7 80.2 120.4
 167 14.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.16 ng
 RT: 10.22 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:232 Resp: 316036
 Ion Ratio Lower Upper
 232 100
 131 46.5 46.2 69.2
 130 2.3 2.4 3.6#
 166 31.2 28.2 42.2





#59

Diethylphthalate

Concen: 41.78 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

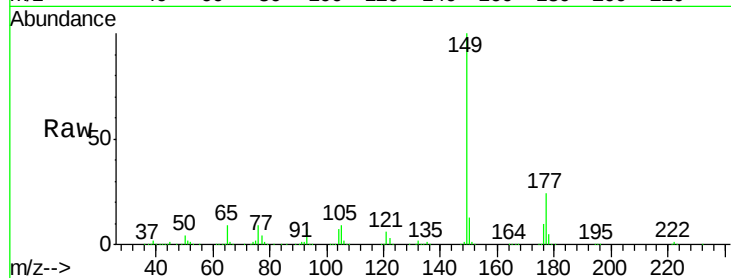
Tot Ion:149 Resp: 1362456

Ion Ratio Lower Upper

149 100

177 24.1 17.9 26.9

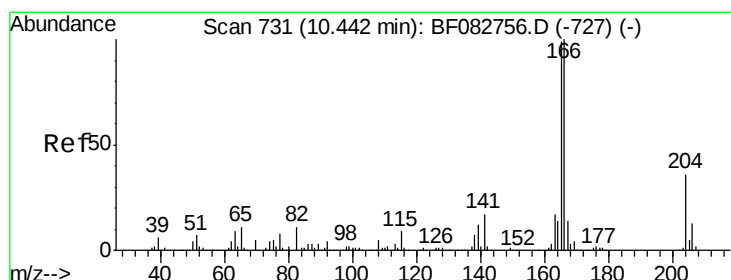
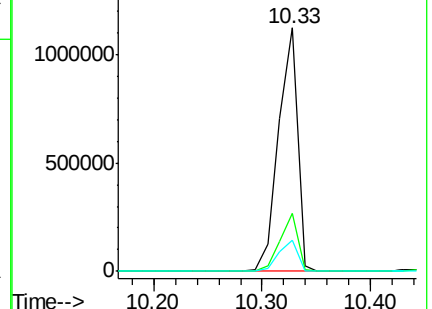
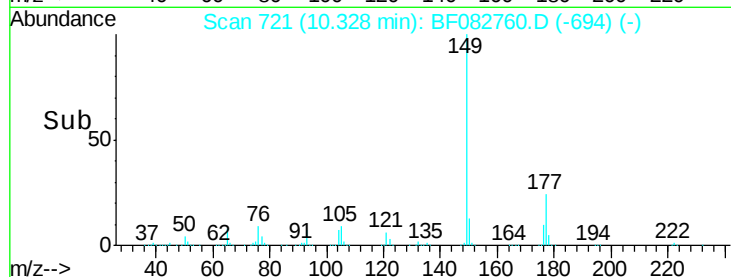
150 12.6 10.1 15.1



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: 40.04 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

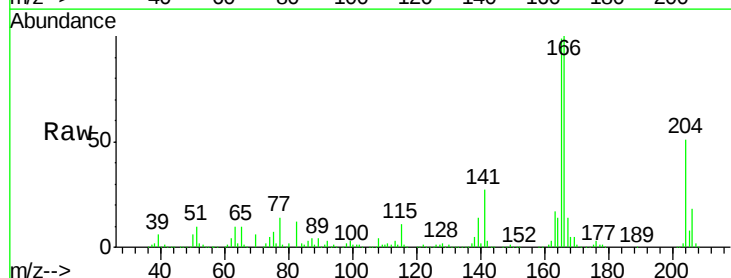
Tgt Ion:204 Resp: 592786

Ion Ratio Lower Upper

204 100

206 35.7 28.5 42.7

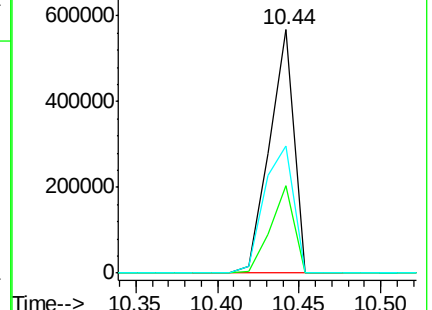
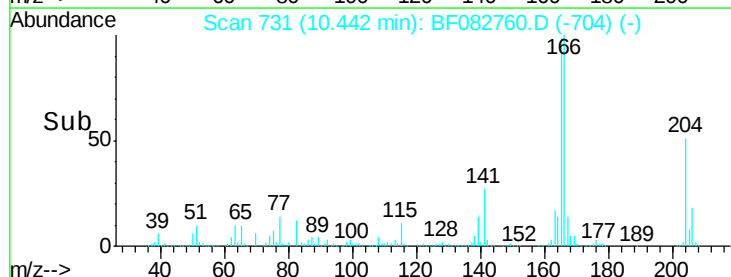
141 52.0 44.6 66.8

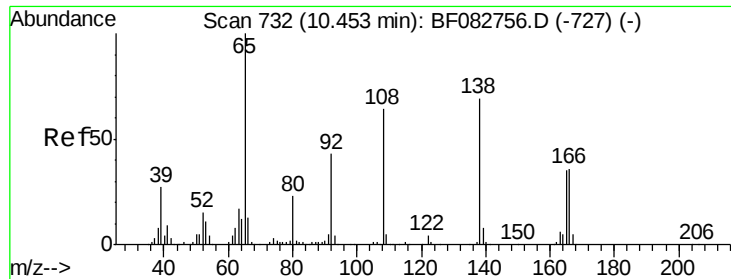


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

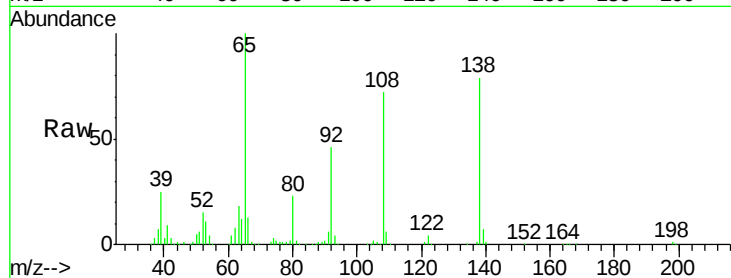




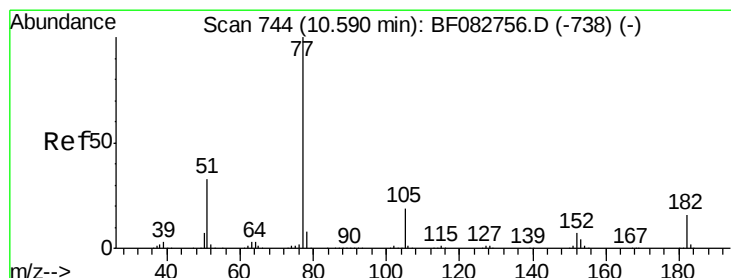
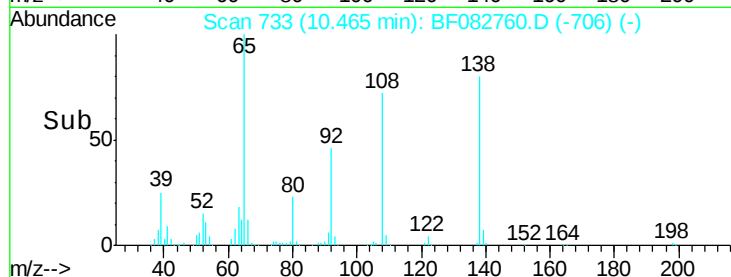
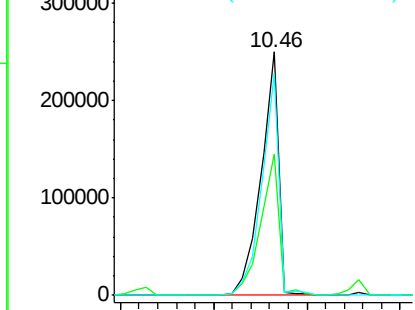
#61
4-Nitroaniline
Concen: 42.12 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 331913
Ion Ratio Lower Upper
138 100
92 57.8 45.8 85.8
108 90.9 89.4 129.4

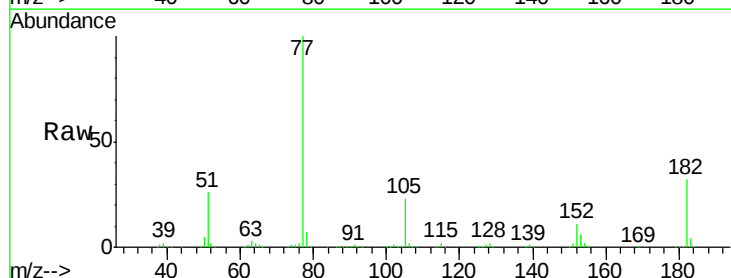


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

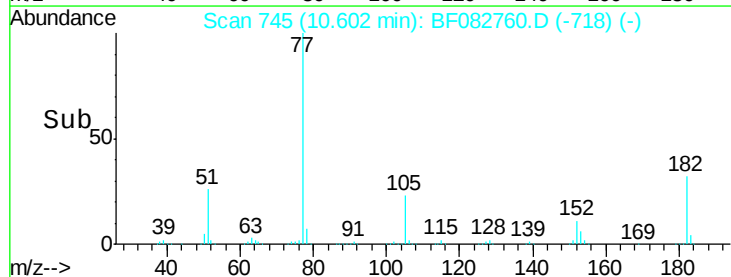
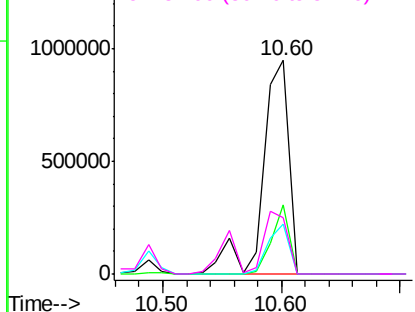


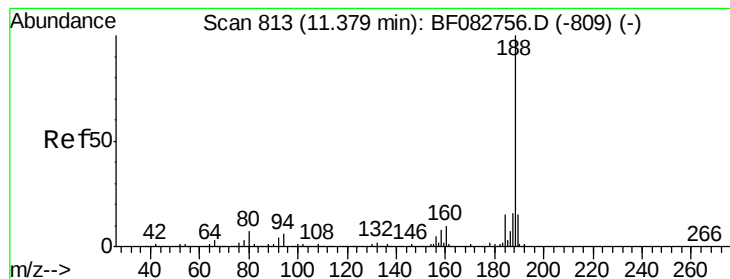
#62
Azobenzene
Concen: 41.23 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion: 77 Resp: 1444188
Ion Ratio Lower Upper
77 100
182 32.3 9.3 49.3
105 23.4 2.6 42.6
51 26.2 9.9 49.9



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

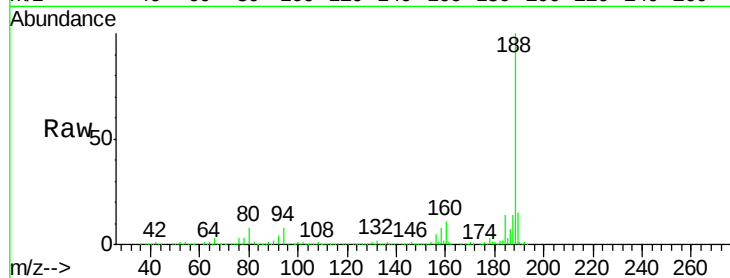
Tot Ion:188 Resp: 811602

Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

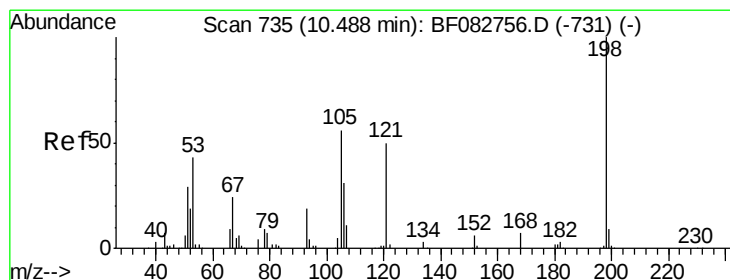
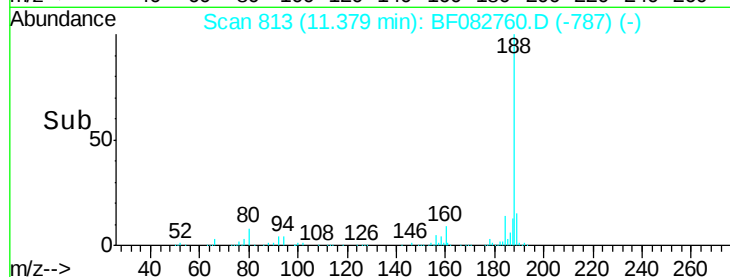
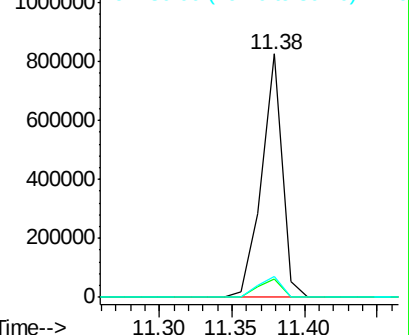
80 8.4 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.32 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

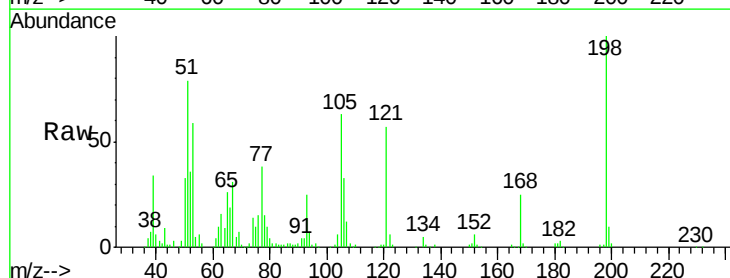
Tgt Ion:198 Resp: 227352

Ion Ratio Lower Upper

198 100

51 79.1 17.3 57.3#

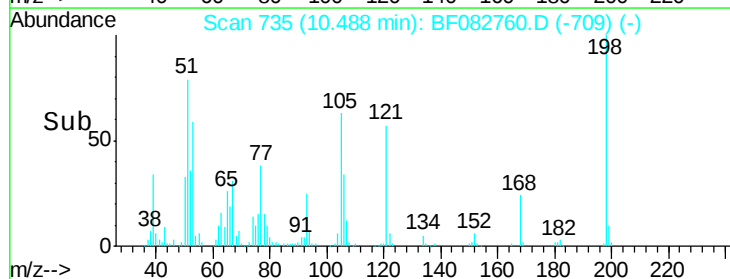
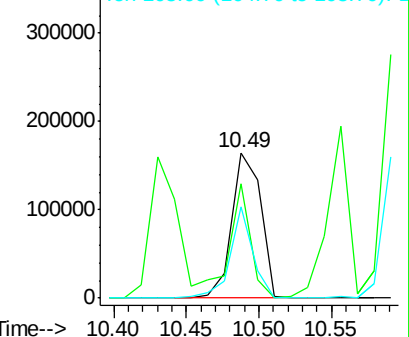
105 62.8 21.7 61.7#

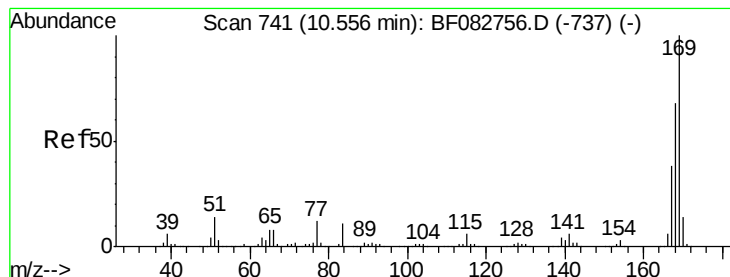


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

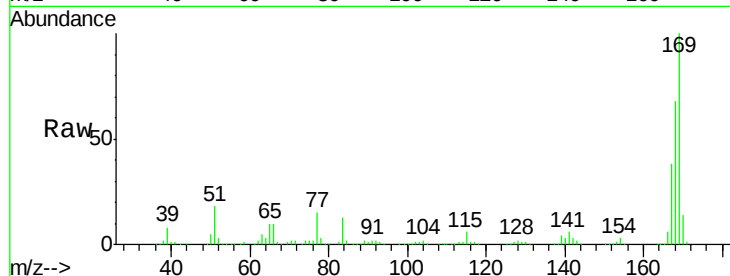




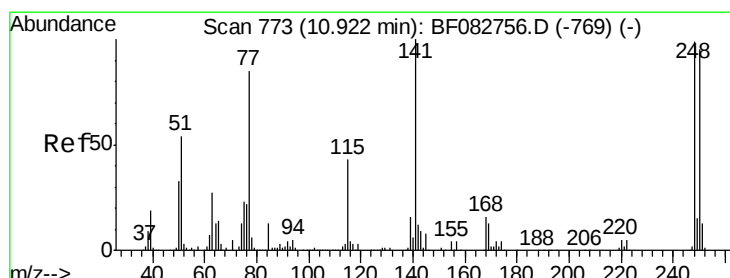
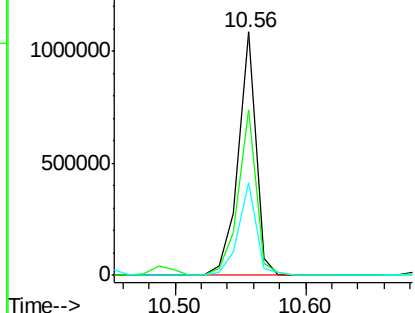
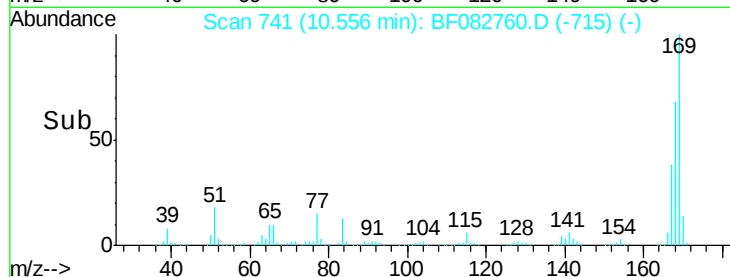
#65
n-Nitrosodiphenylamine
Concen: 34.66 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 1016102
Ion Ratio Lower Upper
169 100
168 68.1 55.0 82.6
167 38.1 30.5 45.7

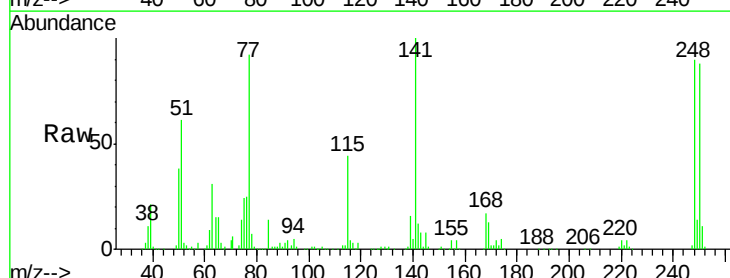


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

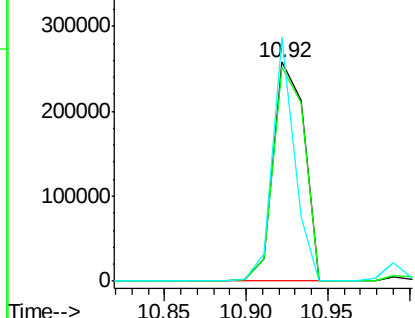
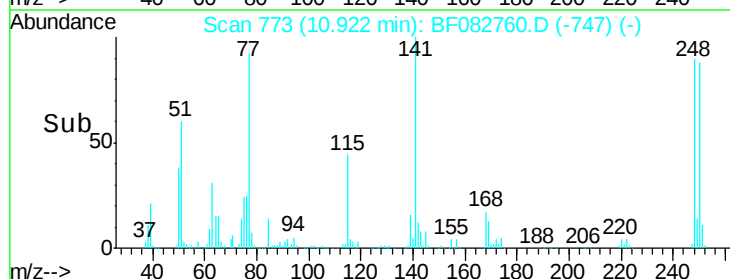


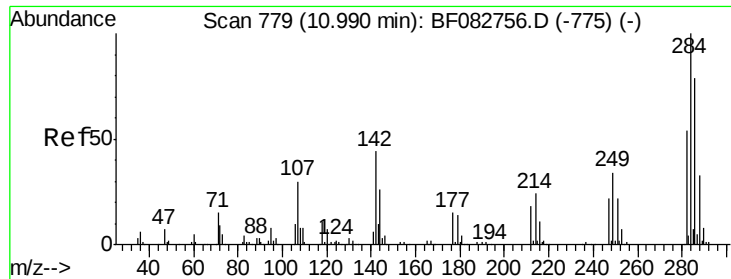
#66
4-Bromophenyl-phenylether
Concen: 35.06 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion:248 Resp: 342627
Ion Ratio Lower Upper
248 100
250 97.8 79.4 119.2
141 111.3 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

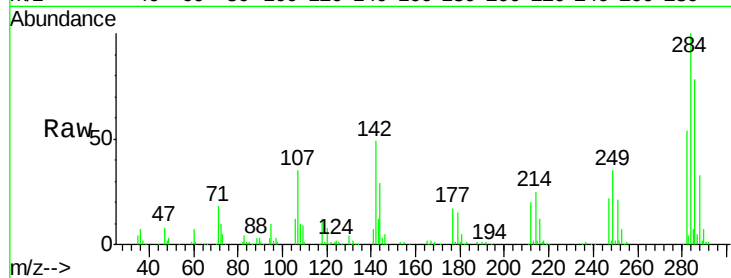




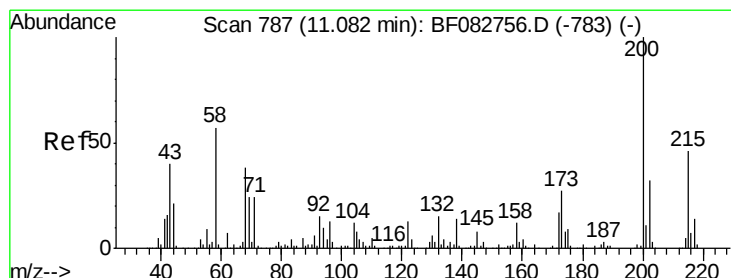
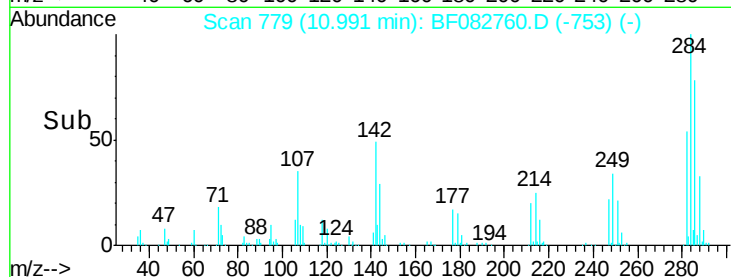
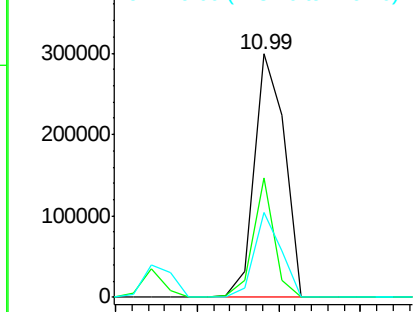
#67
Hexachlorobenzene
Concen: 35.08 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	48.9	47.9	71.9
249	34.7	29.7	44.5

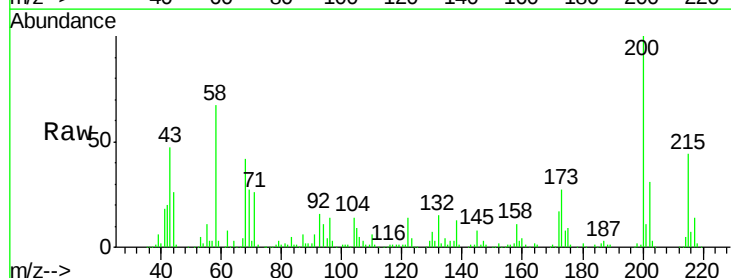


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

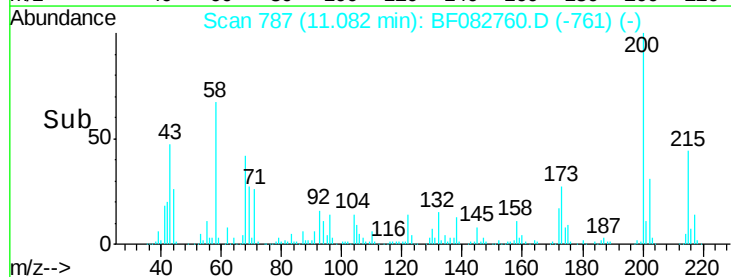
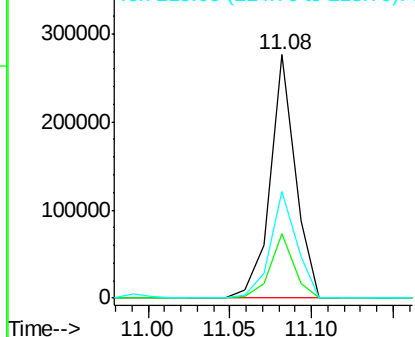


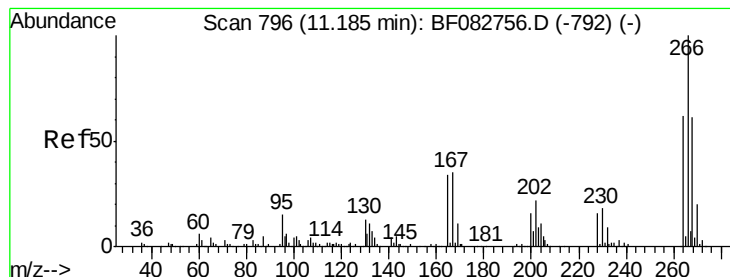
#68
Atrazine
Concen: 32.85 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082760.D
Acq: 6 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.9	46.9
215	44.1	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: 41.50 ng

RT: 11.18 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :

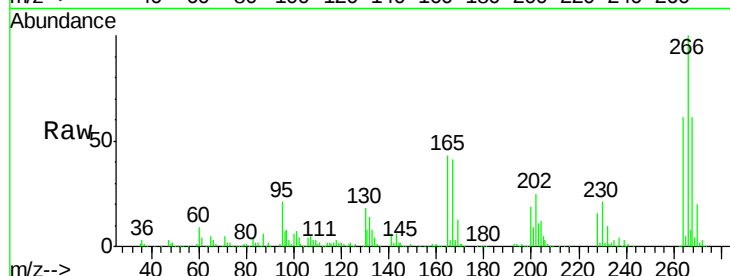
Tot Ion:266 Resp: 275024

Ion Ratio Lower Upper

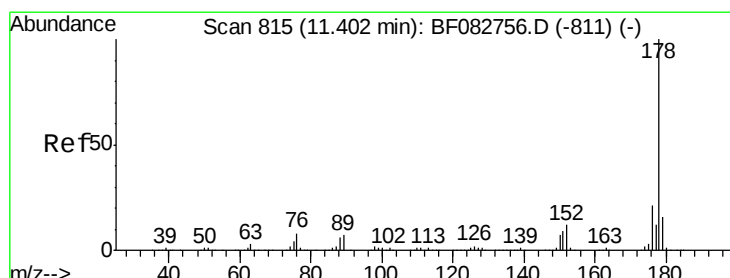
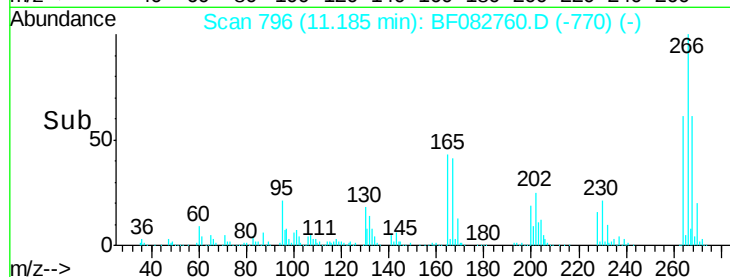
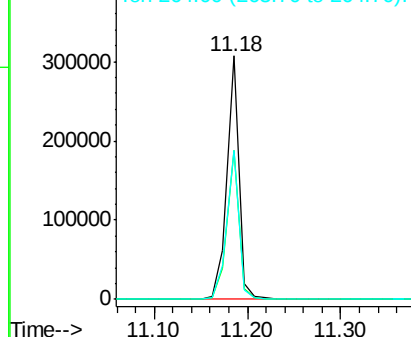
266 100

268 61.4 51.0 76.6

264 61.0 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: 34.74 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

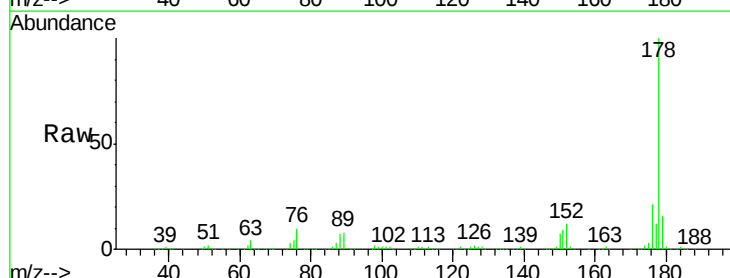
Tgt Ion:178 Resp: 1637560

Ion Ratio Lower Upper

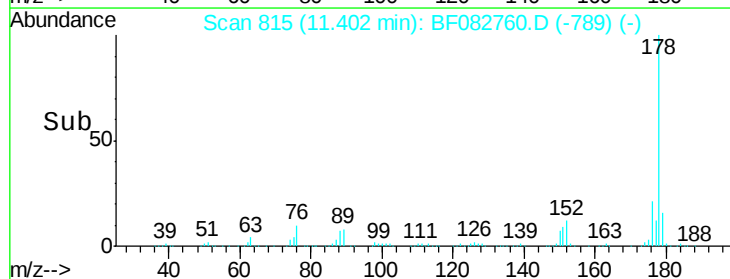
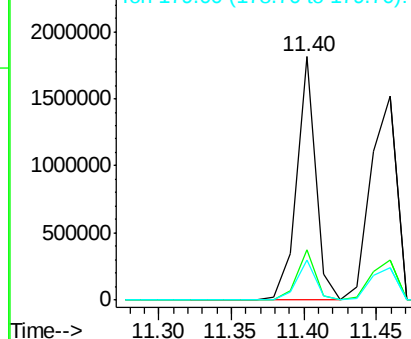
178 100

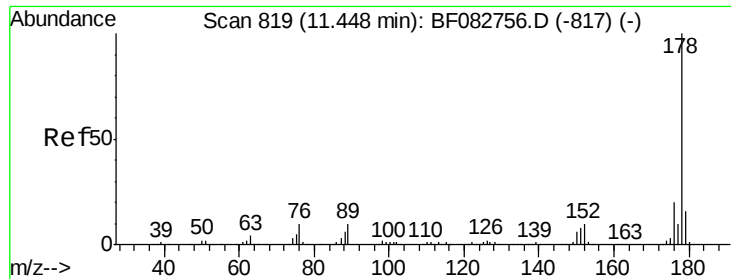
176 20.6 17.0 25.4

179 16.4 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

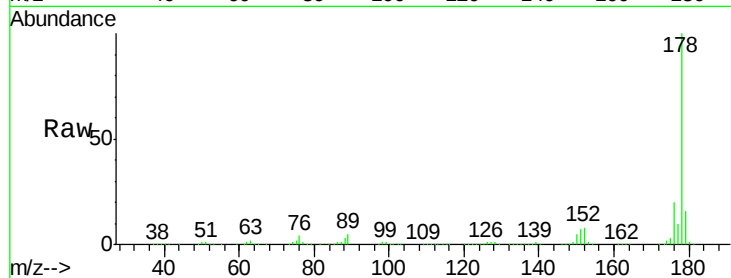




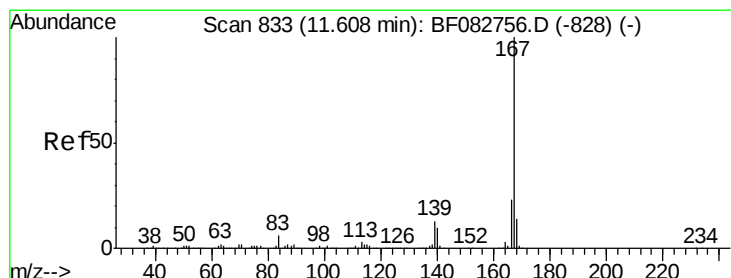
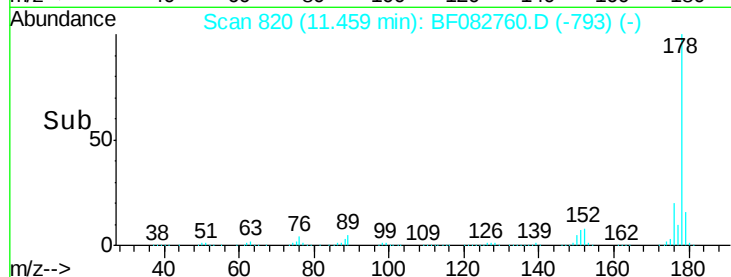
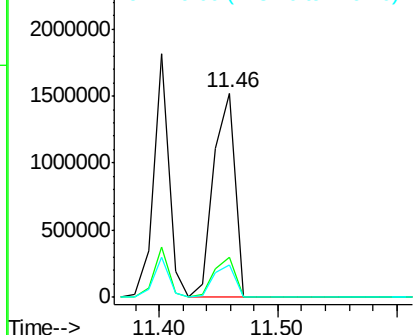
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1880123
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.0 13.2 19.8

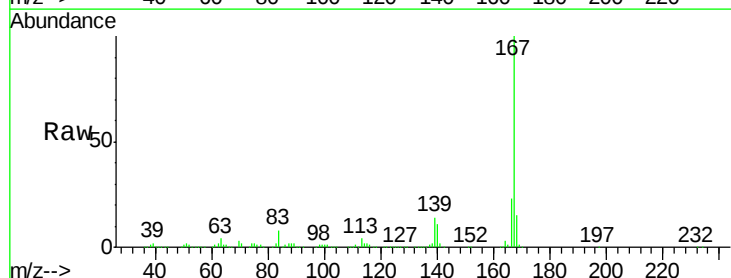


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

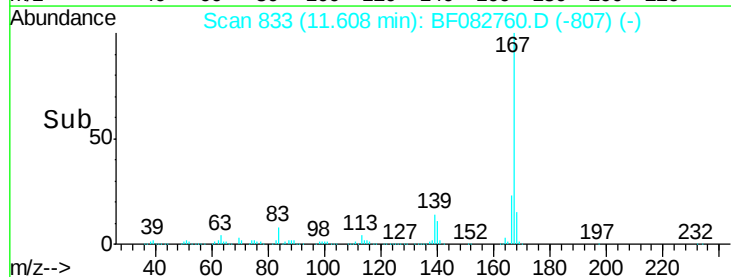
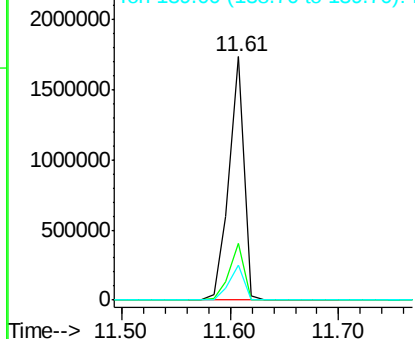


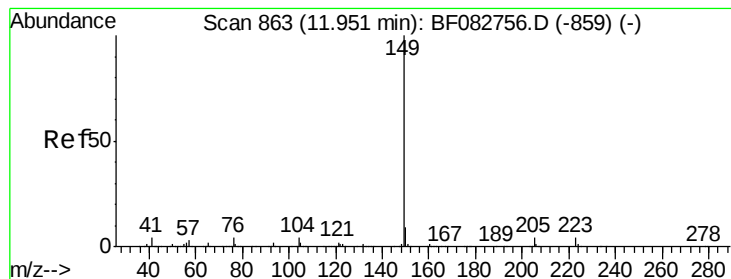
#72
 Carbazole
 Concen: 37.93 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:167 Resp: 1648354
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.7 28.1
 139 14.4 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: 38.13 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

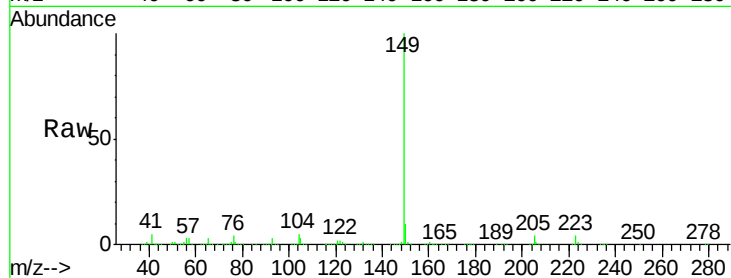
Tot Ion:149 Resp: 2064422

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

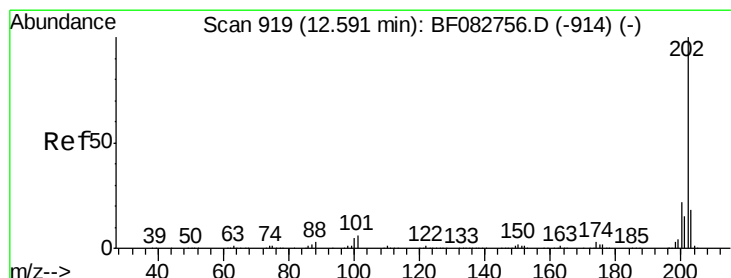
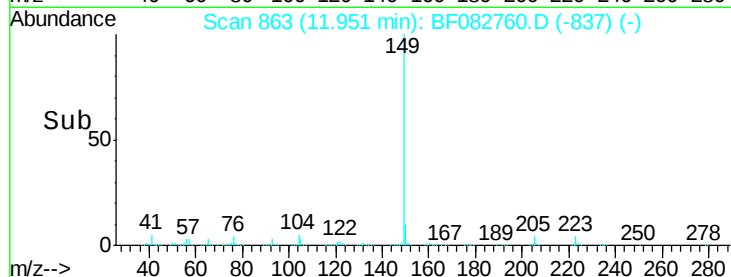
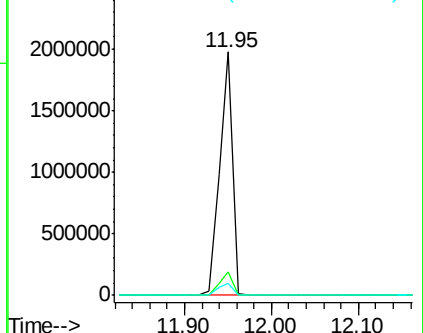
104 5.0 5.2 7.8#



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: 37.98 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

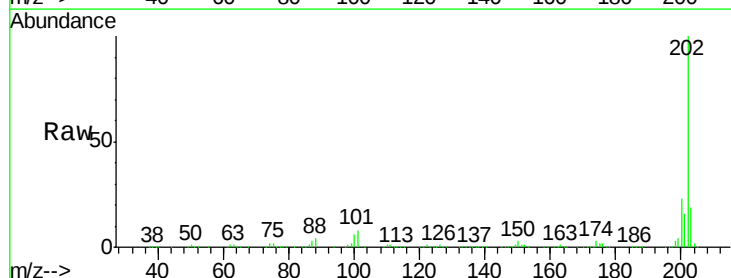
Tgt Ion:202 Resp: 1920961

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.5

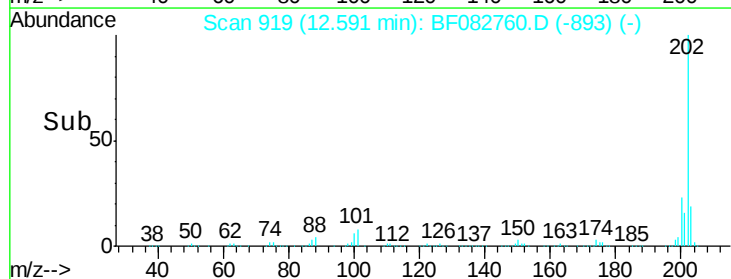
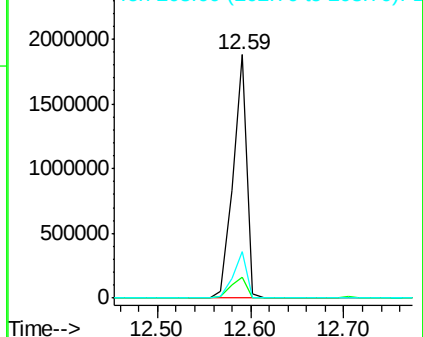
203 18.9 0.0 38.5

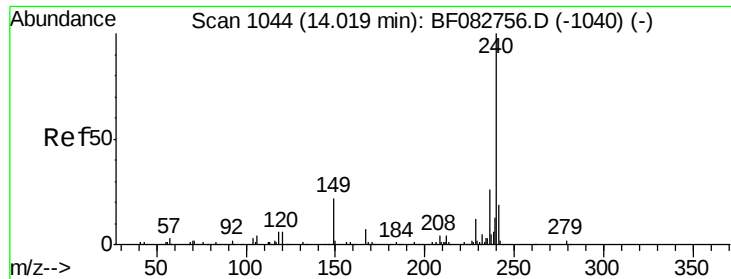


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

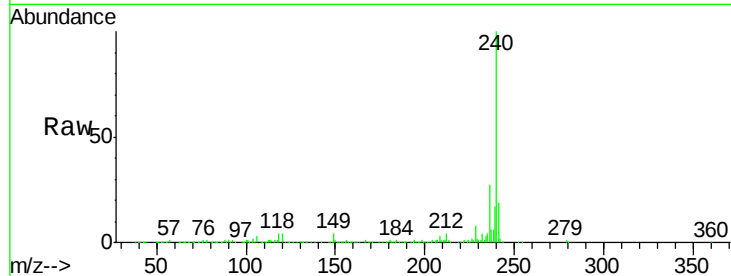
Tot Ion:240 Resp: 644789

Ion Ratio Lower Upper

240 100

120 3.8 10.9 16.3#

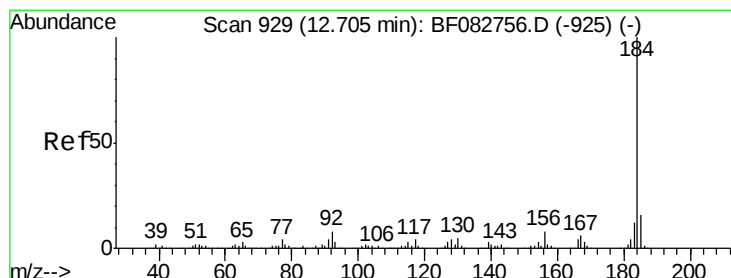
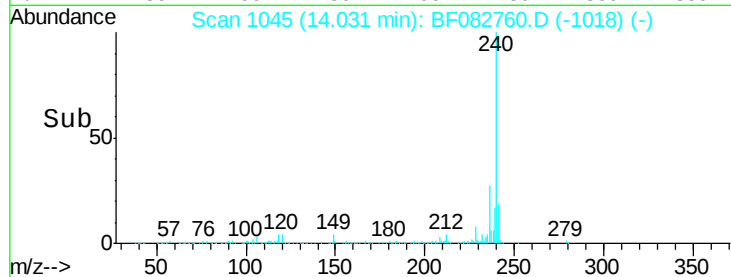
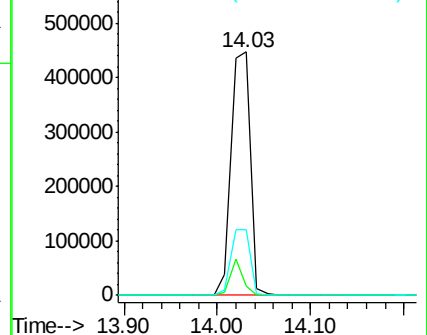
236 26.7 21.6 32.4



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: 38.19 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

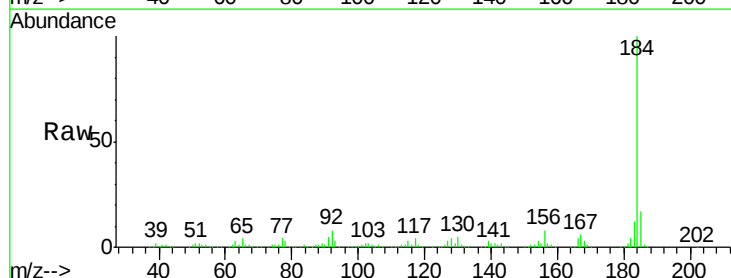
Tgt Ion:184 Resp: 825242

Ion Ratio Lower Upper

184 100

185 17.4 12.0 18.0

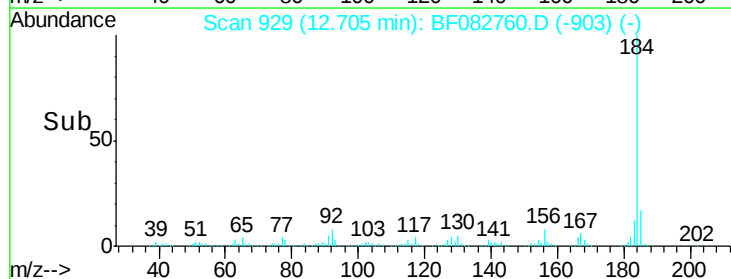
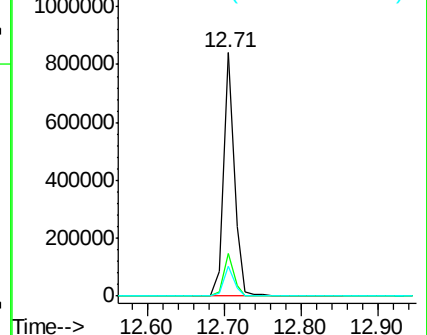
183 12.2 9.6 14.4

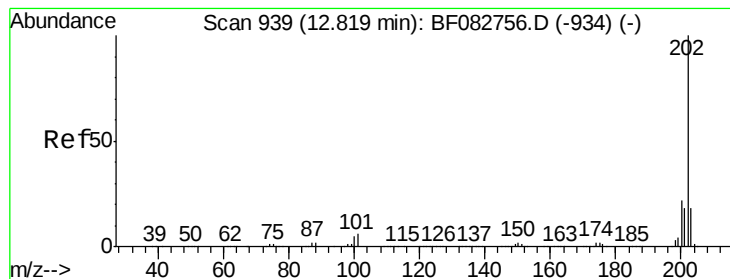


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.13 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

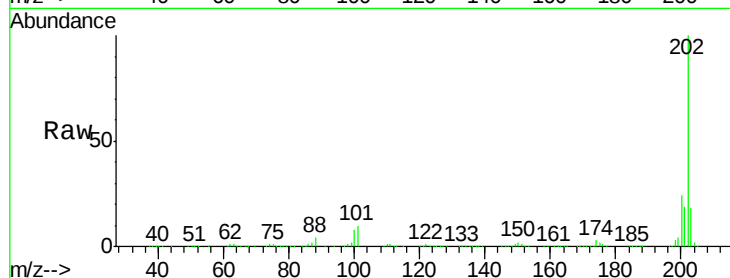
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1954237

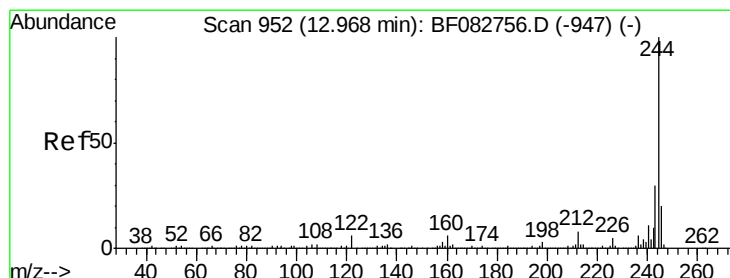
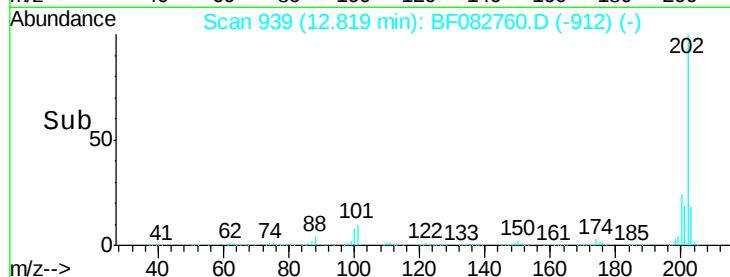
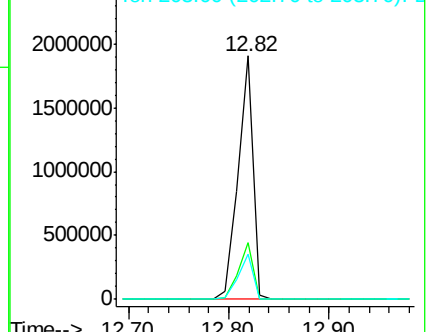
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.7	28.1
203	18.5	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.26 ng

RT: 12.97 min Scan# 952

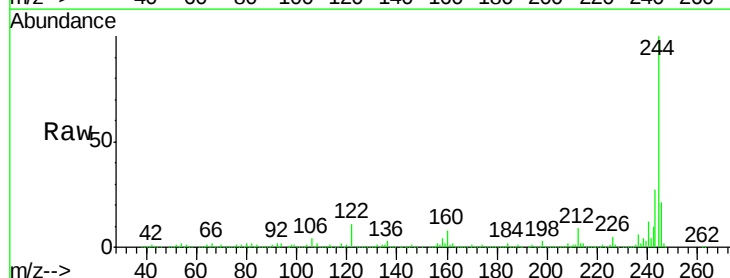
Delta R.T. 0.00 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Tgt Ion:244 Resp: 2263332

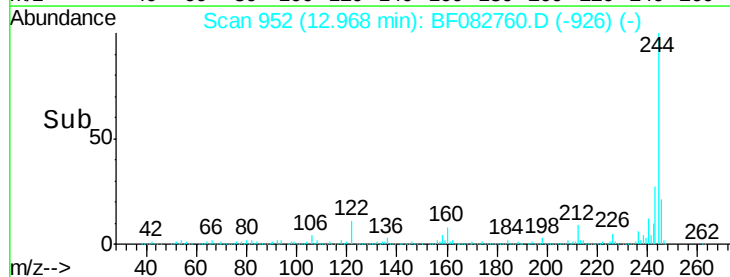
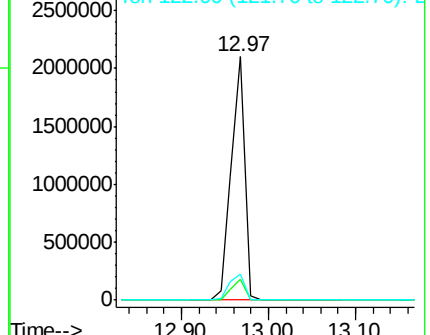
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	10.7	11.3	16.9#

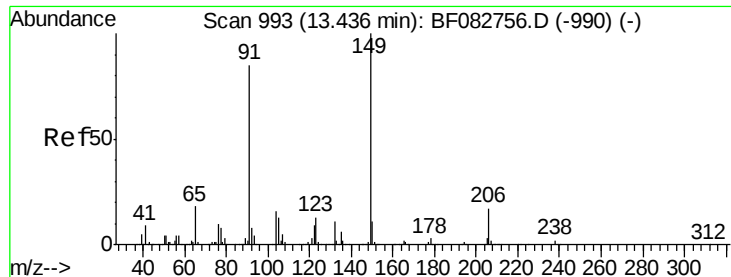


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

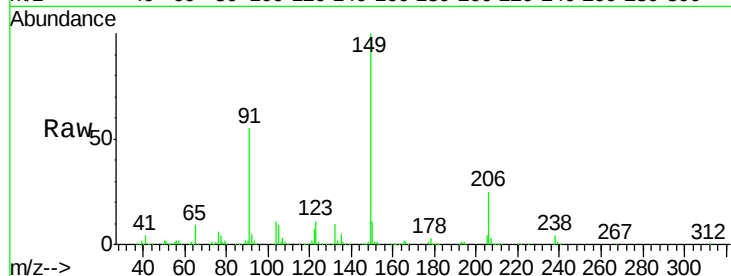




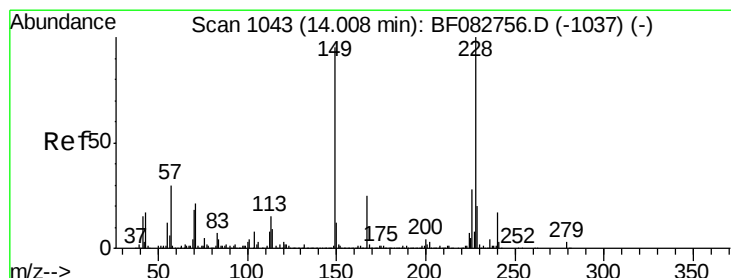
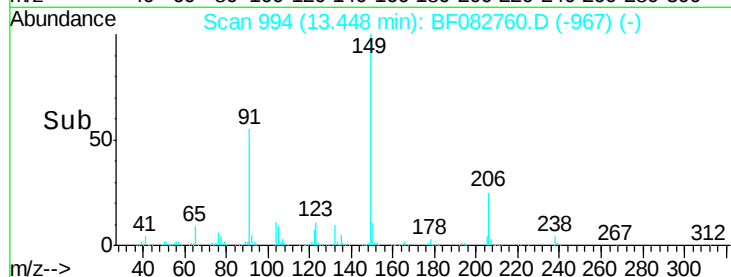
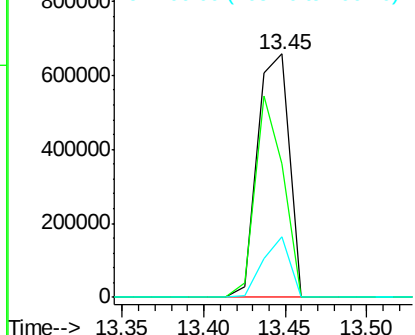
#79
 Butylbenzylphthalate
 Concen: 45.50 ng
 RT: 13.45 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 890169
 Ion Ratio Lower Upper
 149 100
 91 55.0 67.7 101.5#
 206 25.1 14.6 22.0#

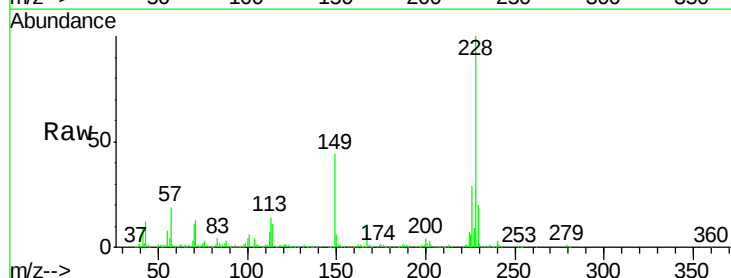


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF0
 Ion 206.00 (205.70 to 206.70): E

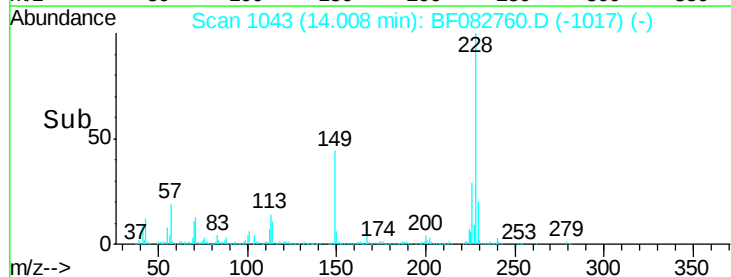
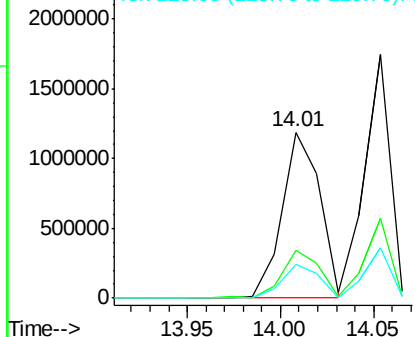


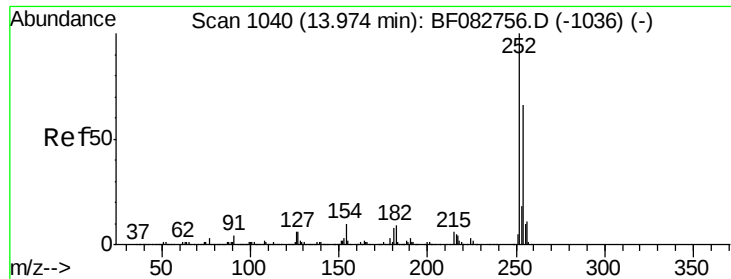
#80
 Benzo(a)anthracene
 Concen: 41.56 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:228 Resp: 1675653
 Ion Ratio Lower Upper
 228 100
 226 28.5 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

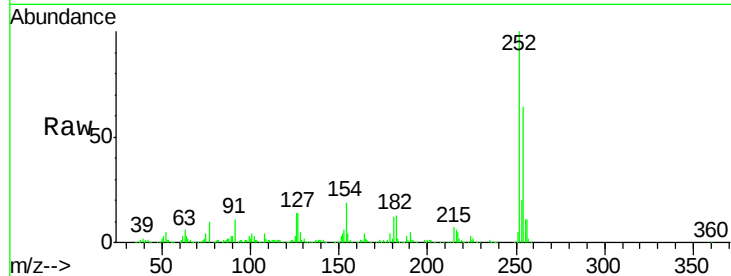




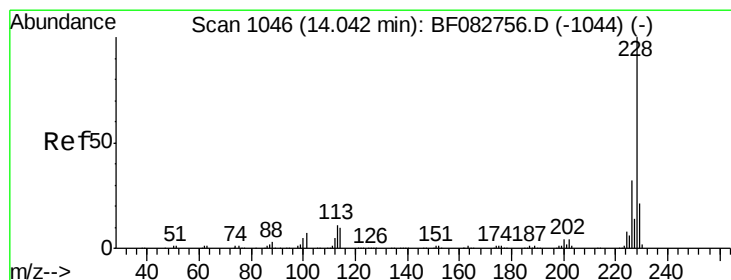
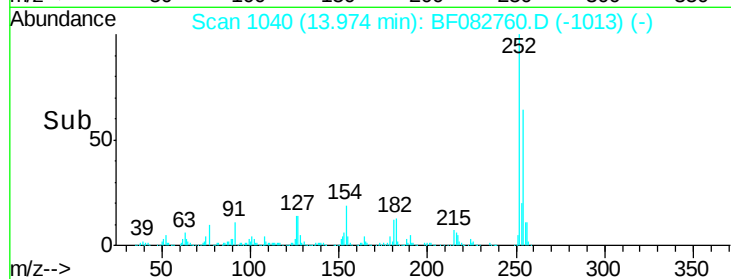
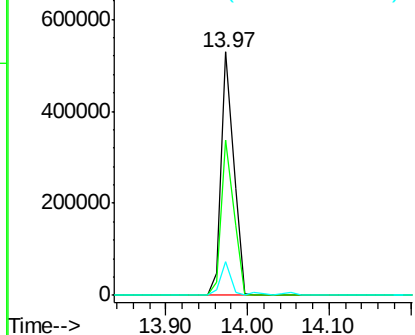
#81
 3,3'-Dichlorobenzidine
 Concen: 39.17 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 561462
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.4 77.0
 126 13.8 10.7 16.1

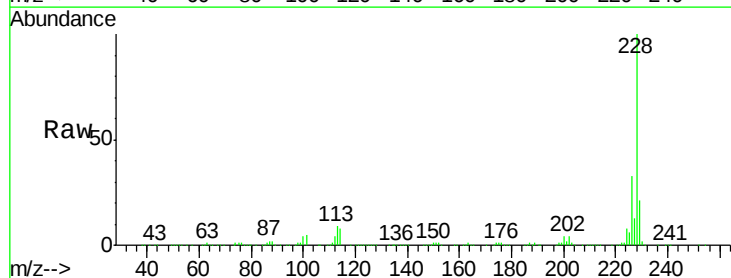


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

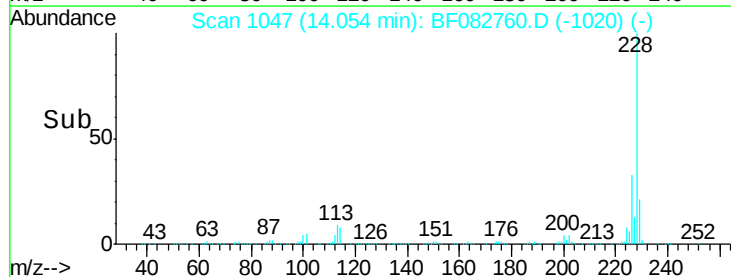
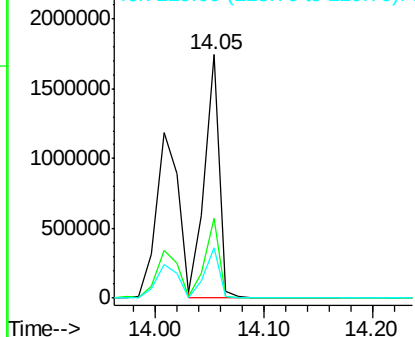


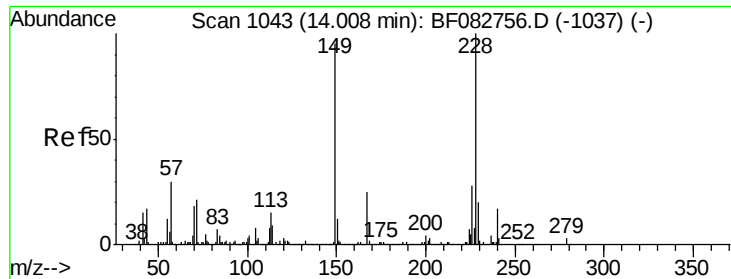
#82
 Chrysene
 Concen: 44.75 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:228 Resp: 1652790
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 20.6 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

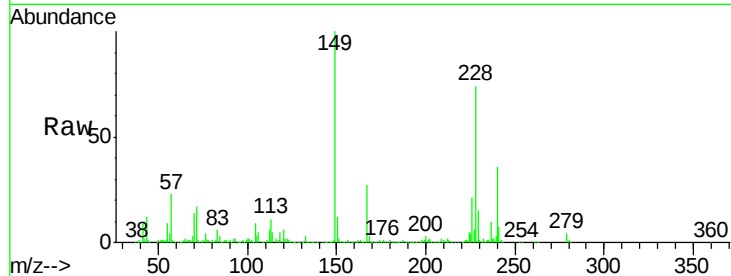




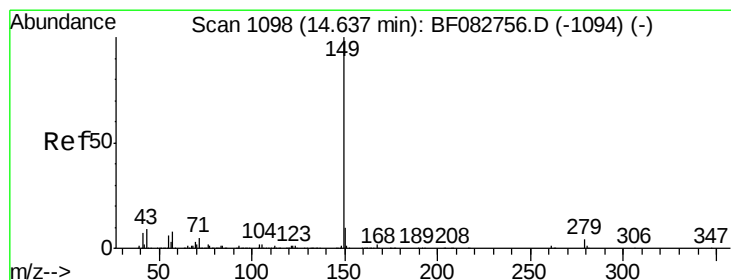
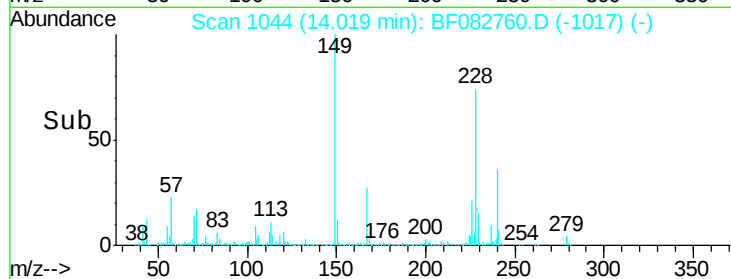
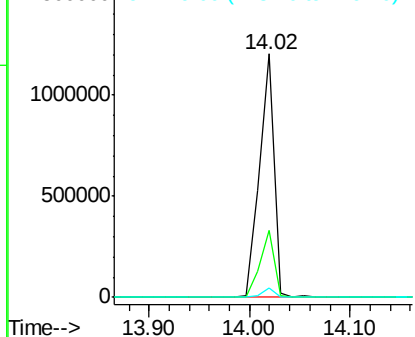
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.48 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1217793
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 4.0 2.2 3.2#

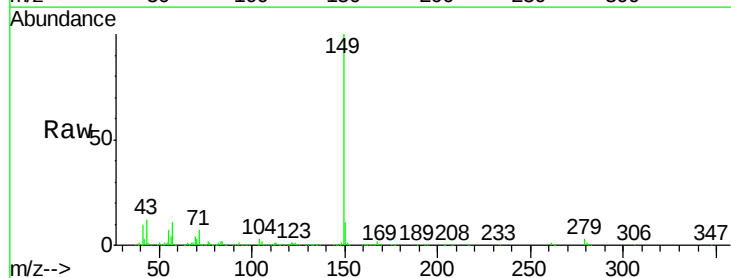


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

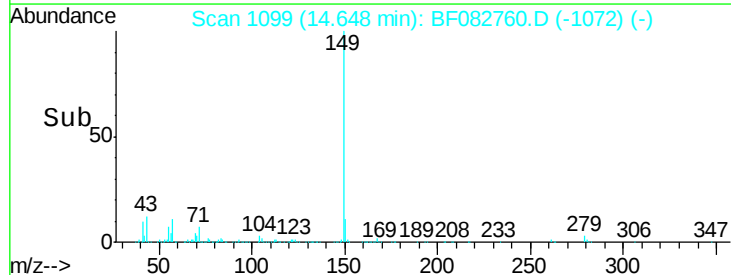
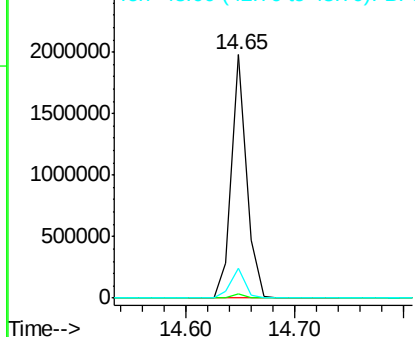


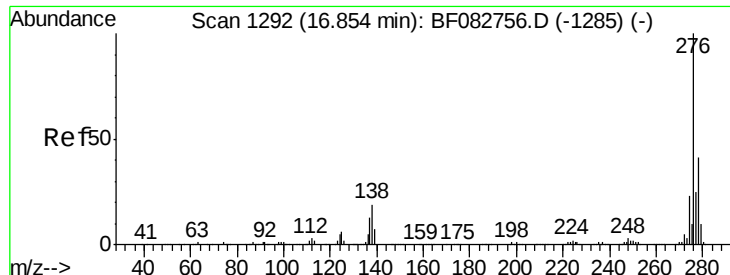
#84
 Di-n-octyl phthalate
 Concen: 42.35 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:149 Resp: 1891383
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.9 10.1 15.1



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

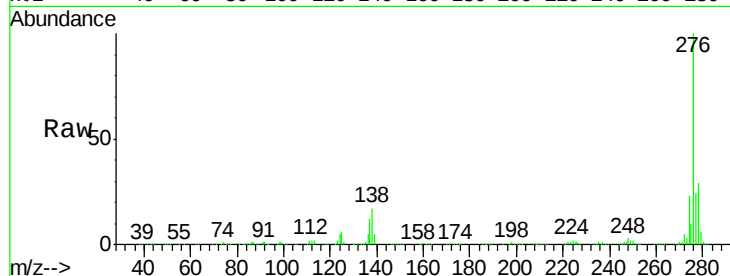




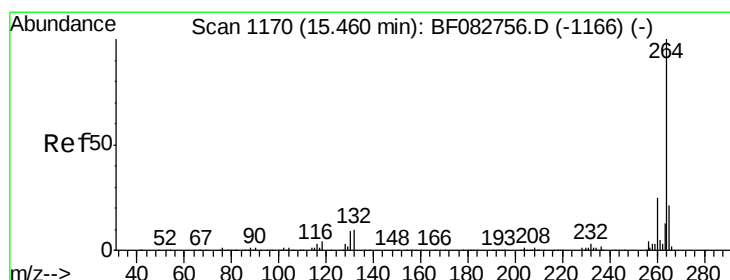
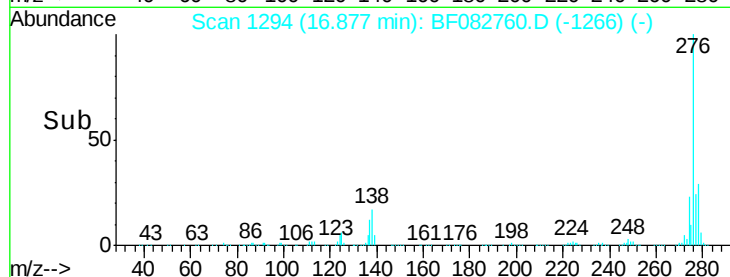
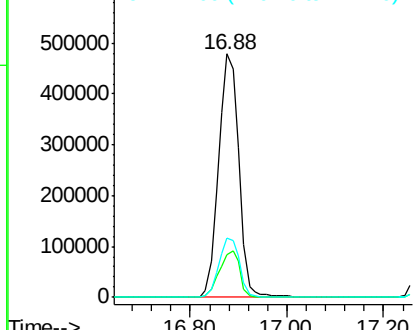
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.23 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. 0.02 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1406752
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.3 22.9
 277 24.7 20.2 30.4

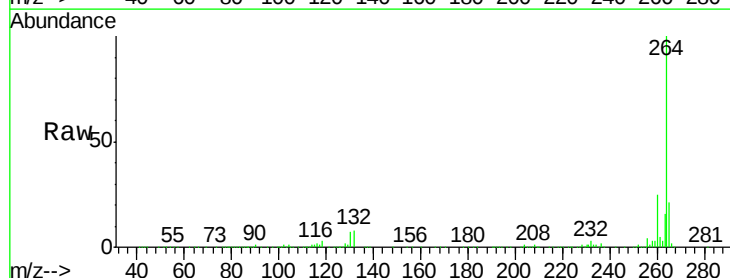


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

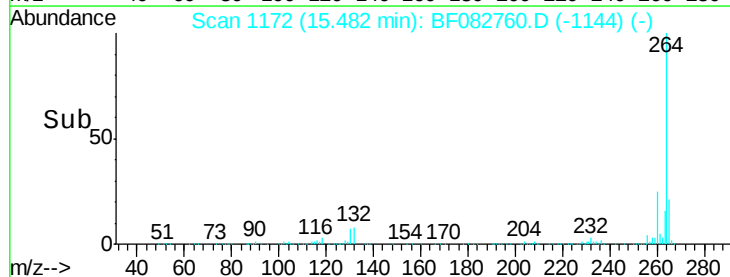
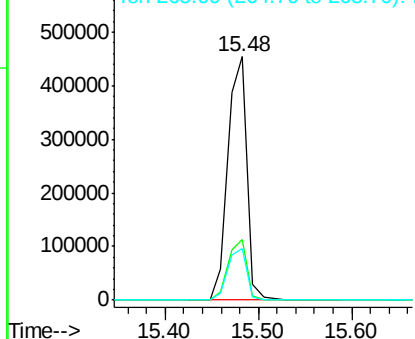


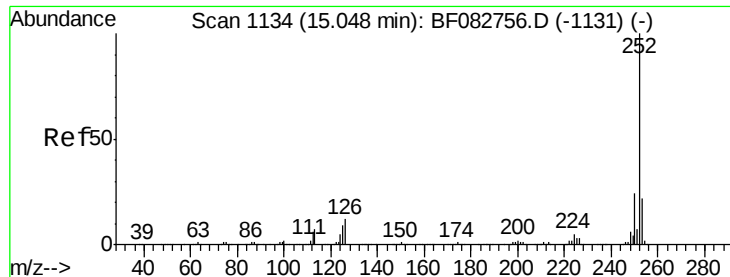
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: BF082760.D
 Acq: 6 Nov 2015 14:38

Tgt Ion:264 Resp: 648633
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.74 ng

RT: 15.07 min Scan# 1136

Delta R.T. 0.02 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampled :

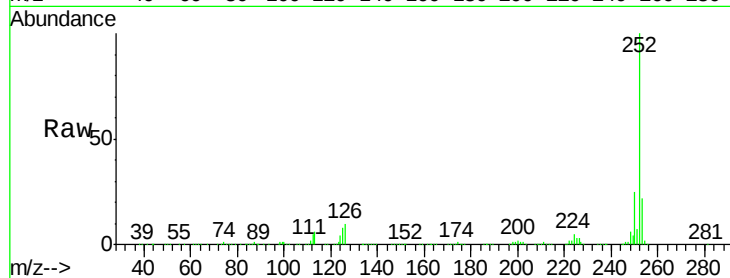
Tot Ion:252 Resp: 1529714

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

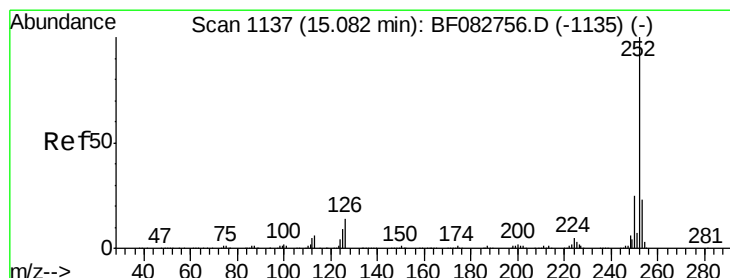
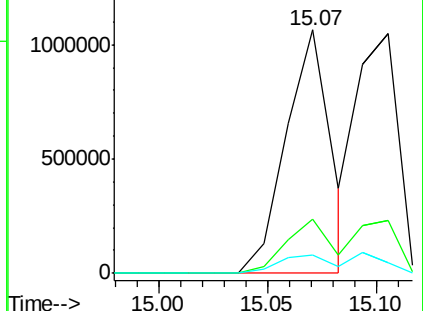
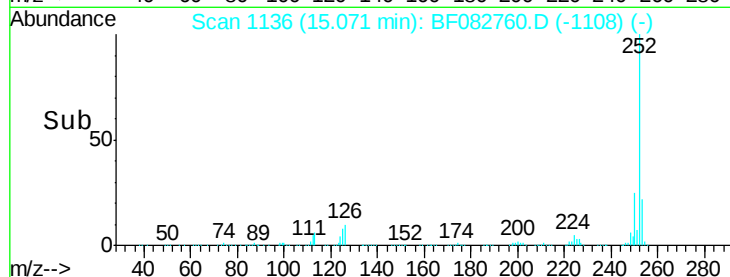
125 7.6 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.42 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

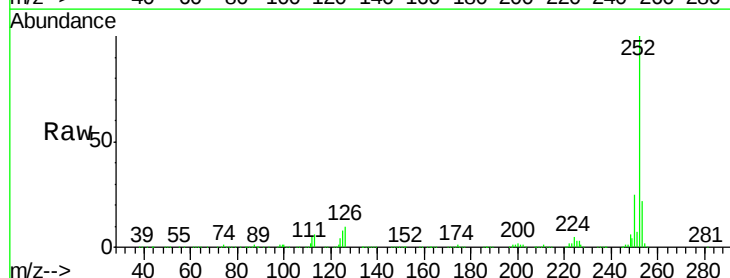
Tgt Ion:252 Resp: 1529714

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

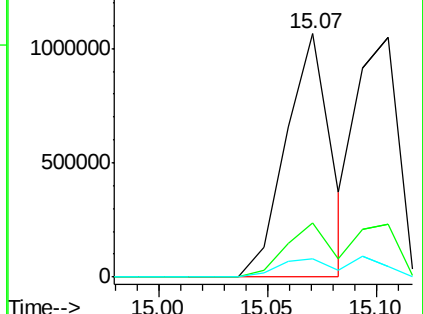
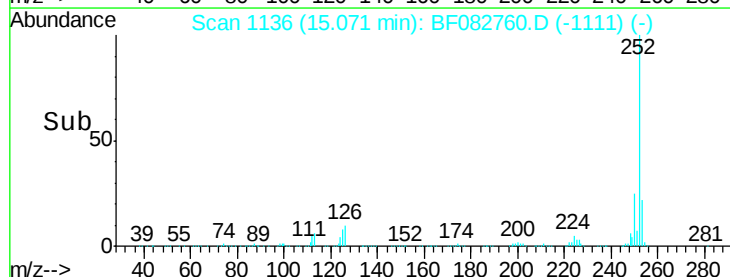
125 7.6 3.5 5.3#

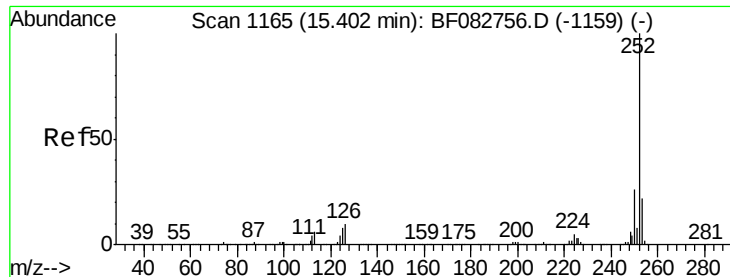


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.18 ng

RT: 15.43 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

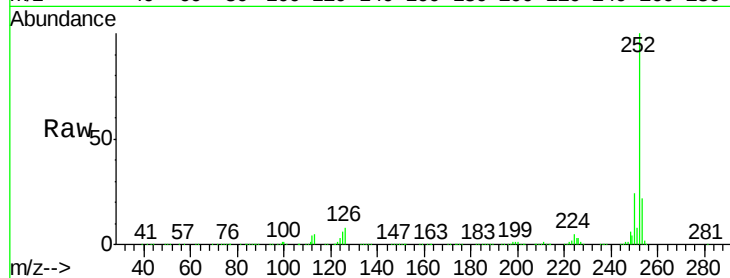
Tot Ion:252 Resp: 1377261

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

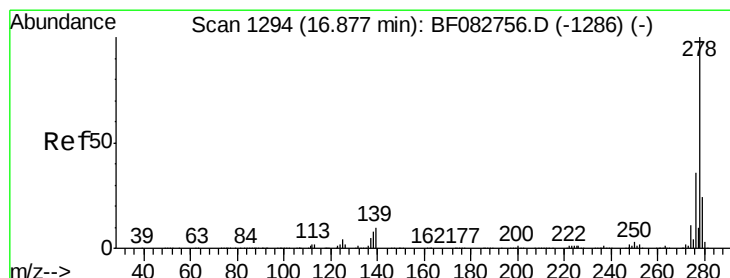
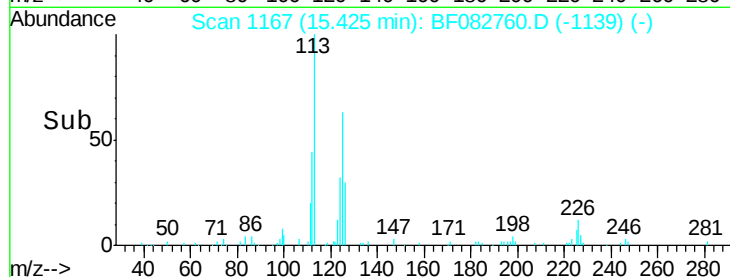
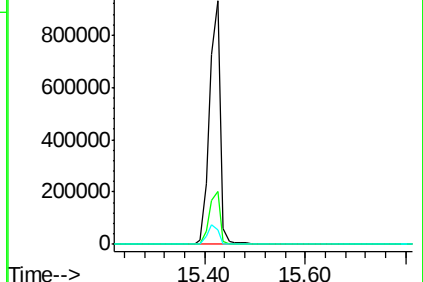
125 6.1 7.1 10.7#



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: 37.98 ng

RT: 16.90 min Scan# 1296

Delta R.T. 0.03 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

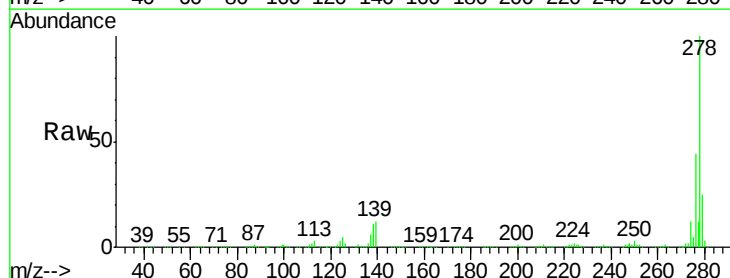
Tgt Ion:278 Resp: 1160057

Ion Ratio Lower Upper

278 100

139 12.1 9.9 14.9

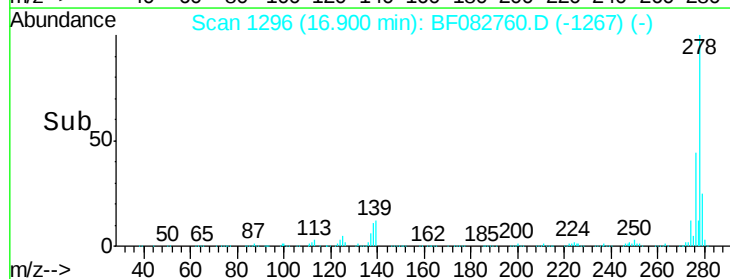
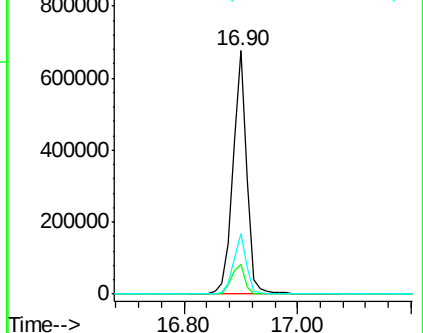
279 24.9 19.6 29.4

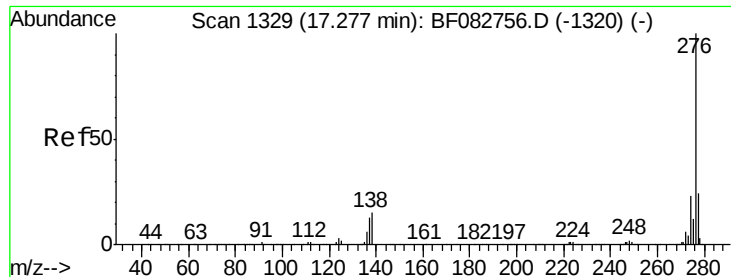


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.69 ng

RT: 17.30 min Scan# 1331

Delta R.T. 0.03 min

Lab File: BF082760.D

Acq: 6 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

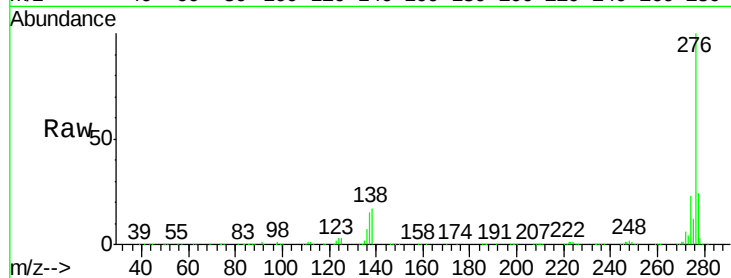
Tot Ion:276 Resp: 1102842

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 17.5 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

