

Data Path : Z:\HPCHEM1\BNA F\Data\BF110715\
 Data File : BF082757.D
 Acq On : 6 Nov 2015 12:58
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:23:08 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 13:18:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167395	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	651017	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	328873	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	626890	20.00	ng	0.00
75) Chrysene-d12	14.02	240	571443	20.00	ng	0.00
86) Perylene-d12	15.46	264	483654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	998597	43.67	ng	0.00
7) Phenol-d6	6.49	99	1282545	42.80	ng	0.01
23) Nitrobenzene-d5	7.42	82	1479277	47.86	ng	0.01
41) 2,4,6-Tribromophenol	10.68	330	341648	45.28	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2012689	42.24	ng	0.00
78) Terphenyl-d14	12.97	244	2350391	45.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	219454	46.11	ng	97
3) Pyridine	3.15	79	642234	46.83	ng	99
4) n-Nitrosodimethylamine	3.10	42	324978	48.73	ng	88
6) Aniline	6.51	93	935877	44.93	ng	90
8) 2-Chlorophenol	6.64	128	532273	42.54	ng	# 82
9) Benzaldehyde	6.40	77	384234	40.77	ng	88
10) Phenol	6.50	94	687970	40.16	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	544116	42.56	ng	92
12) 1,3-Dichlorobenzene	7.02	146	561754	40.46	ng	95
13) 1,4-Dichlorobenzene	6.80	146	662299	45.96	ng	95
14) 1,2-Dichlorobenzene	7.02	146	561657	41.43	ng	95
15) Benzyl Alcohol	7.00	79	641351	50.55	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.14	45	826590	44.15	ng	96
17) 2-Methylphenol	7.12	107	508017	49.64	ng	96
18) Hexachloroethane	7.37	117	230402	43.56	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	470926	43.48	ng	90
20) 3+4-Methylphenols	7.26	107	594050	42.95	ng	# 84
22) Acetophenone	7.26	105	832931	42.24	ng	# 86
24) Nitrobenzene	7.44	77	631288	38.66	ng	# 88
25) Isophorone	7.69	82	1310104	45.64	ng	96
26) 2-Nitrophenol	7.76	139	329844	50.08	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	565741	47.33	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	710413	42.63	ng	98
29) 2,4-Dichlorophenol	8.00	162	469584	43.88	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	570317	47.78	ng	94
31) Naphthalene	8.17	128	1692207	44.95	ng	99
32) Benzoic acid	7.94	122	392453	51.78	ng	97
33) 4-Chloroaniline	8.21	127	770545	47.11	ng	# 87
34) Hexachlorobutadiene	8.29	225	345415	46.29	ng	97
35) Caprolactam	8.59	113	147128	43.58	ng	87
36) 4-Chloro-3-methylphenol	8.69	107	517793	39.60	ng	93
37) 2-Methylnaphthalene	8.85	142	1032587	41.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	563346	51.27	ng	99
40) Hexachlorocyclopentadiene	9.01	237	302386	55.07	ng	99

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 ALS Vial : 7 Sample Multiplier: 1

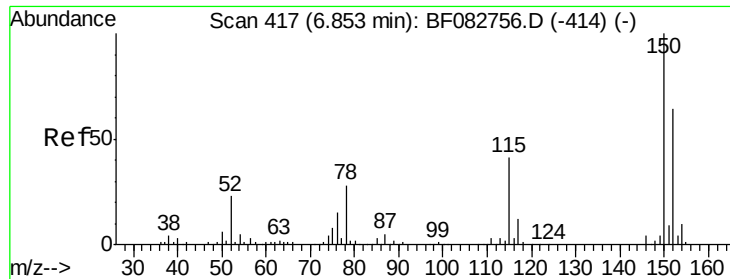
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:23:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	397086	49.96	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	404547	51.25	nq #	87
45) 1,1'-Biphenyl	9.32	154	1452102	49.40	nq	98
46) 2-Chloronaphthalene	9.34	162	1110594	49.07	nq	97
47) 2-Nitroaniline	9.44	65	441229	54.16	nq #	79
48) Acenaphthylene	9.76	152	1586786	44.68	nq	100
49) Dimethylphthalate	9.63	163	1353242	49.62	nq #	98
50) 2,6-Dinitrotoluene	9.68	165	272438	47.53	nq	90
51) Acenaphthene	9.93	154	1025341	46.67	nq	98
52) 3-Nitroaniline	9.85	138	301836	46.99	nq	90
53) 2,4-Dinitrophenol	9.95	184	176273	64.27	nq #	22
54) Dibenzofuran	10.10	168	1327999	43.85	nq	96
55) 4-Nitrophenol	10.01	139	267998	56.89	nq	93
56) 2,4-Dinitrotoluene	10.09	165	404688	52.39	nq #	66
57) Fluorene	10.44	166	1063368	42.95	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	313929	48.85	nq #	89
59) Diethylphthalate	10.33	149	1320552	49.44	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	588279	49.37	nq	97
61) 4-Nitroaniline	10.46	138	333791	51.42	nq #	84
62) Azobenzene	10.60	77	1427350	51.88	nq	93
64) 4,6-Dinitro-2-methylphenol	10.49	198	216070	49.28	nq #	53
65) n-Nitrosodiphenylamine	10.56	169	1044283	43.48	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	336500	42.82	nq #	69
67) Hexachlorobenzene	10.99	284	380559	44.05	nq #	88
68) Atrazine	11.08	200	288774	38.61	nq	96
69) Pentachlorophenol	11.18	266	272073	54.75	nq	98
70) Phenanthrene	11.40	178	1704163	43.44	nq	99
71) Anthracene	11.46	178	1853177	46.24	nq	98
72) Carbazole	11.61	167	1662041	45.83	nq	99
73) Di-n-butylphthalate	11.95	149	2056100	48.15	nq #	97
74) Fluoranthene	12.59	202	1941104	46.72	nq	98
76) Benzidine	12.70	184	895689	42.81	nq	98
77) Pyrene	12.82	202	1967001	48.03	nq	100
79) Butylbenzylphthalate	13.44	149	806039	46.37	nq	94
80) Benzo(a)anthracene	14.01	228	1647133	43.36	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	664331	50.93	nq #	97
82) Chrysene	14.04	228	1456414	42.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1141267	46.54	nq	99
84) Di-n-octyl phthalate	14.64	149	1943611	47.76	nq	96
85) Indeno(1,2,3-cd)pyrene	16.85	276	1350611	46.51	nq	99
87) Benzo(b)fluoranthene	15.05	252	1400286	44.76	nq #	97
88) Benzo(k)fluoranthene	15.05	252	1400286	49.26	nq #	97
89) Benzo(a)pyrene	15.40	252	1318995	48.27	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	1119491	49.26	nq	98
91) Benzo(g,h,i)perylene	17.28	276	1057341	48.46	nq	99

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

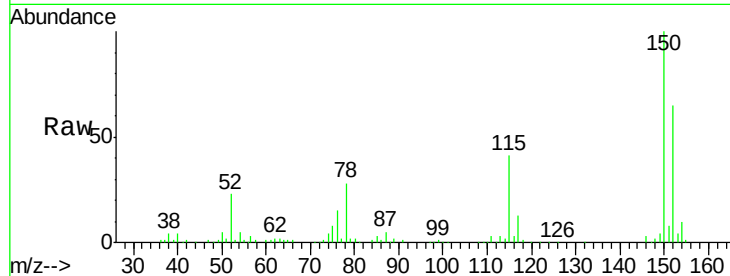


#1

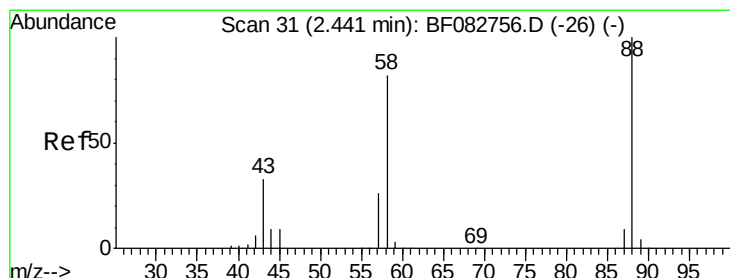
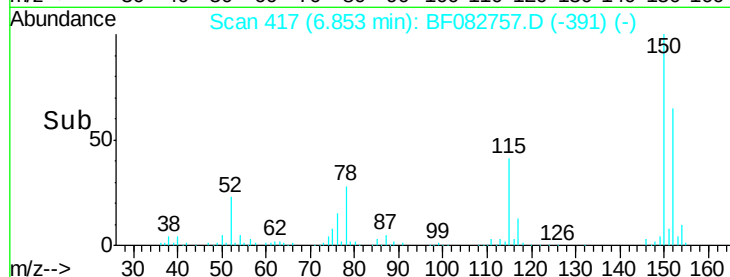
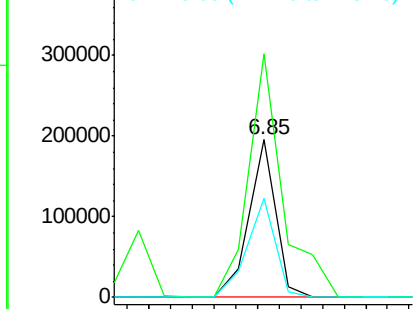
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.4
115	62.8	47.0	70.6



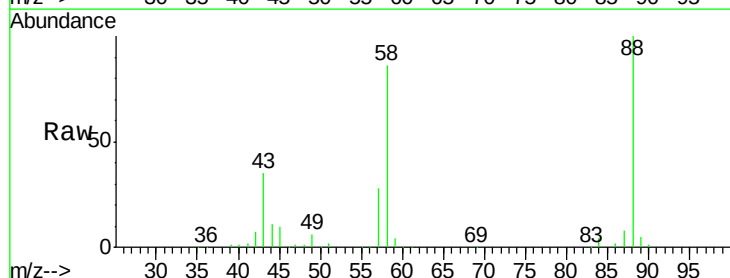
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



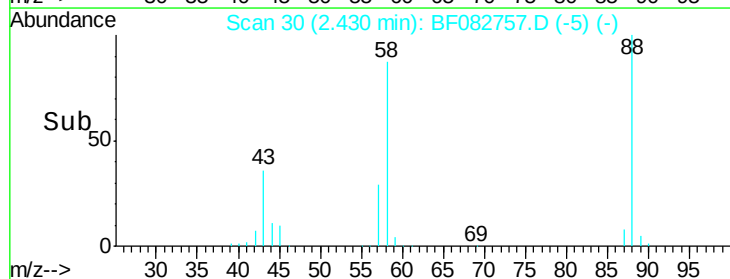
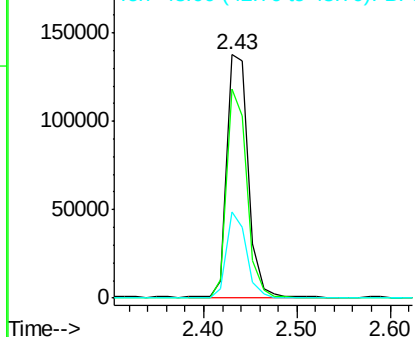
#2

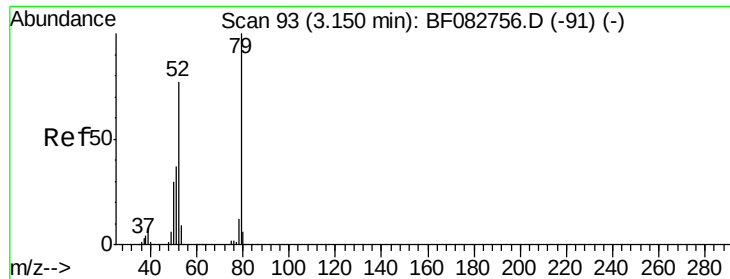
1,4-Dioxane
Concen: 46.11 ng
RT: 2.43 min Scan# 30
Delta R.T. -0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.0	93.0
43	33.4	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: 46.83 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

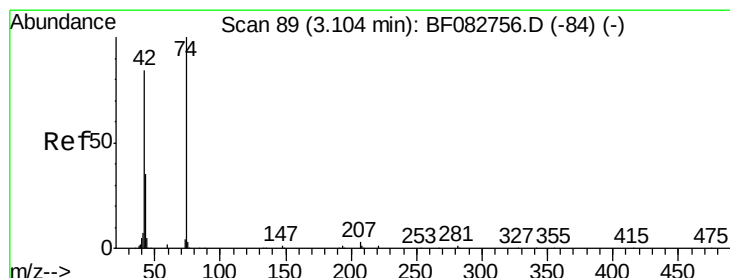
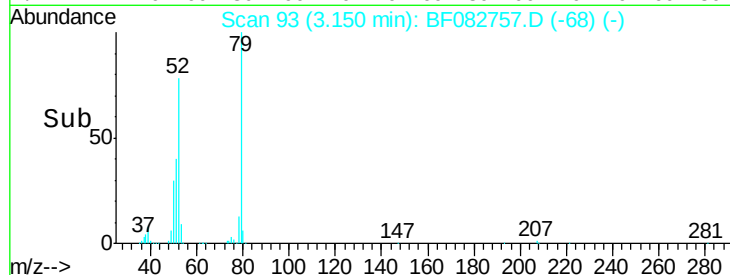
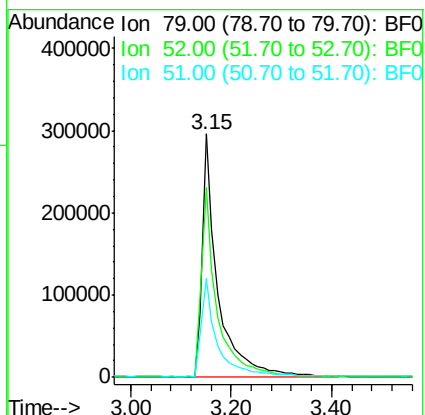
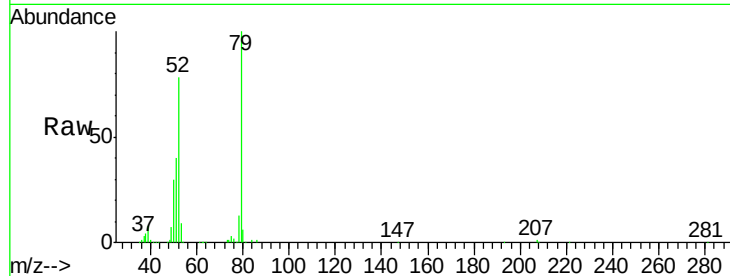
Tot Ion: 79 Resp: 642234

Ion Ratio Lower Upper

79 100

52 77.9 62.8 94.2

51 40.5 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 48.73 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

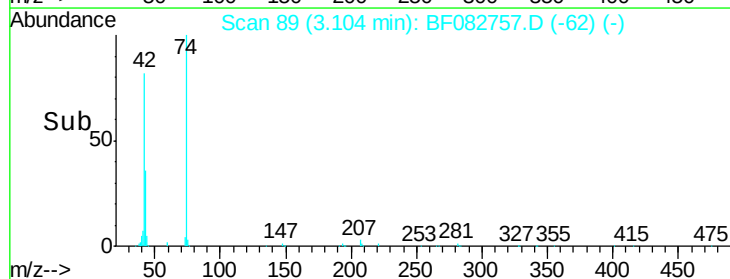
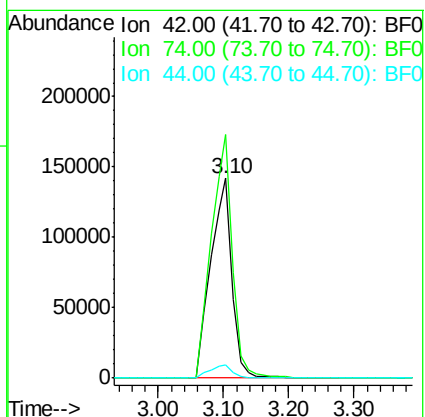
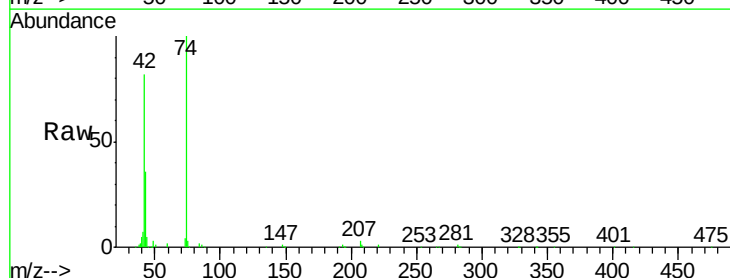
Tgt Ion: 42 Resp: 324978

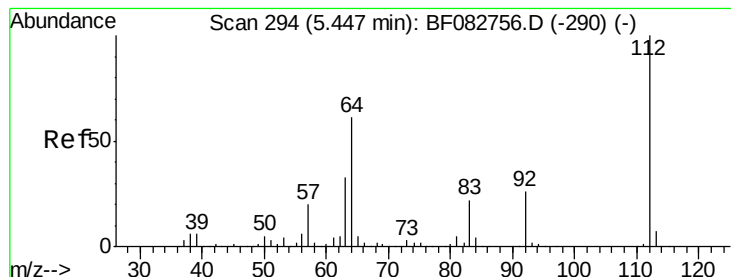
Ion Ratio Lower Upper

42 100

74 122.0 87.0 130.4

44 6.3 5.8 8.8

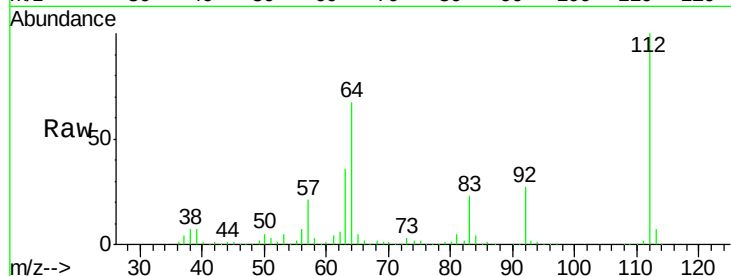




#5
 2-Fluorophenol
 Concen: 43.67 ng
 RT: 5.45 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

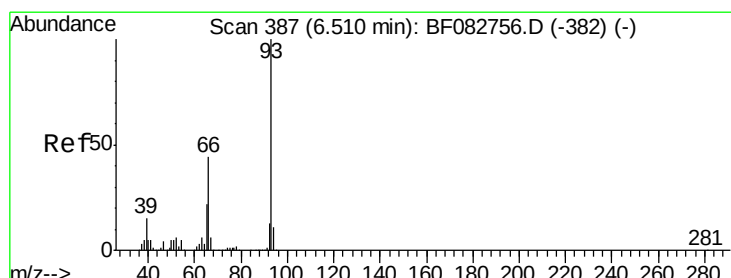
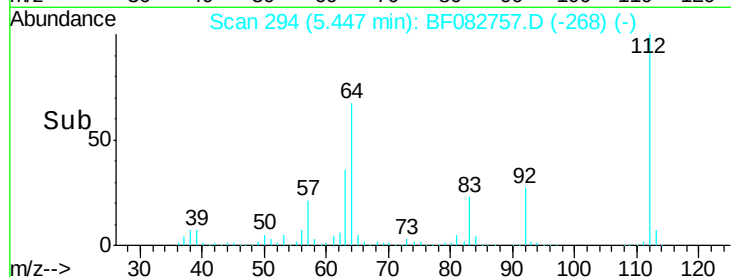
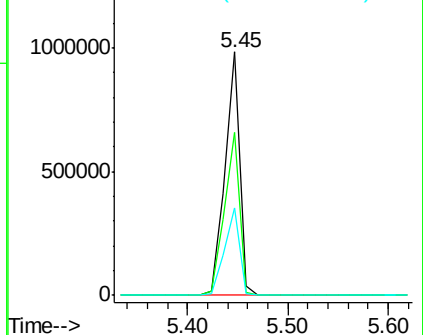
Tot Ion	Ratio	Lower	Upper
112	100		
64	66.9	48.9	73.3
63	36.0	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E

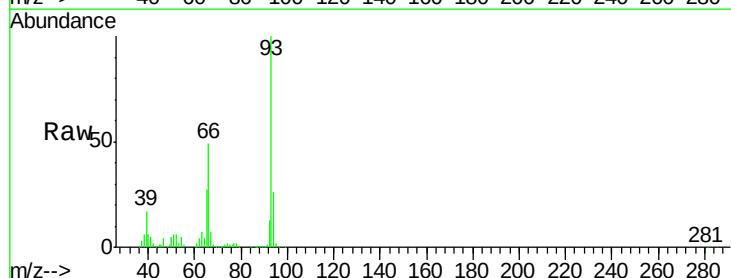
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 44.93 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

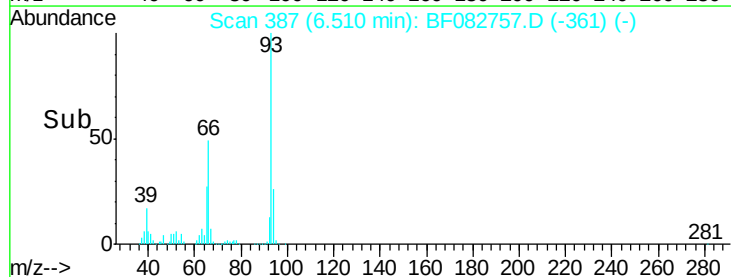
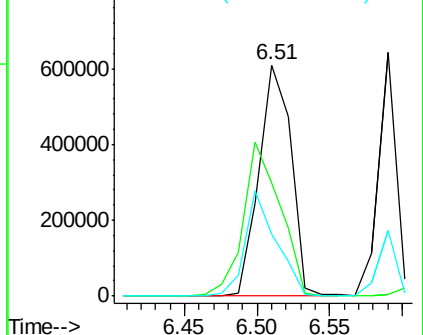
Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.0	33.6	50.4
65	26.7	18.1	27.1

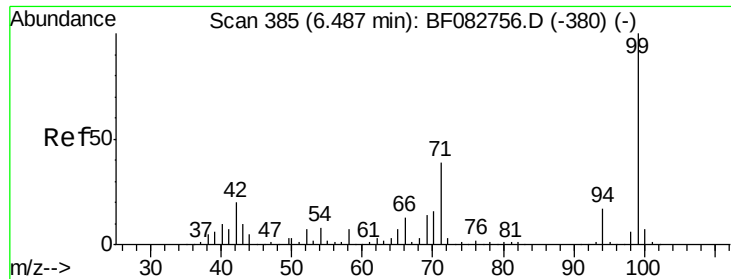


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.80 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

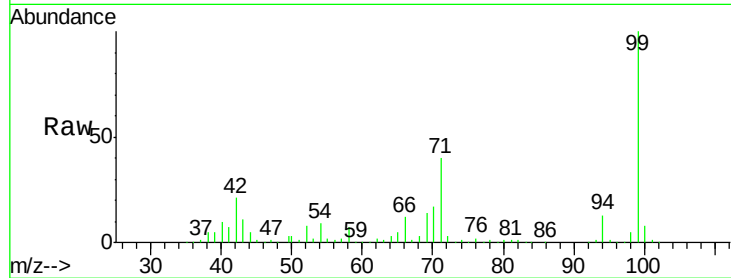
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1282545

Ion	Ratio	Lower	Upper
99	100		
42	21.3	19.2	28.8
71	39.9	35.0	52.4

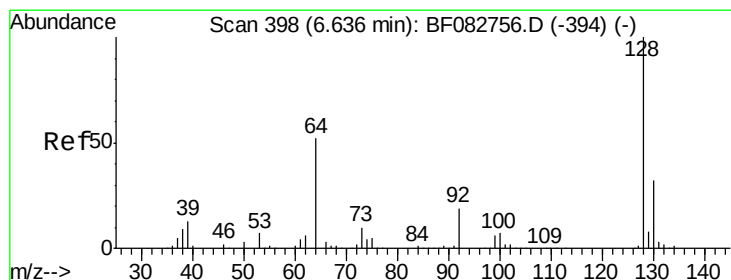
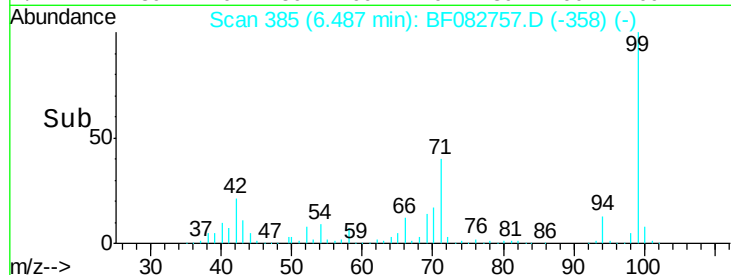
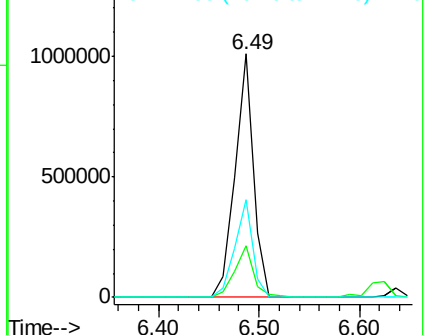


Abundance

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: 42.54 ng

RT: 6.64 min Scan# 398

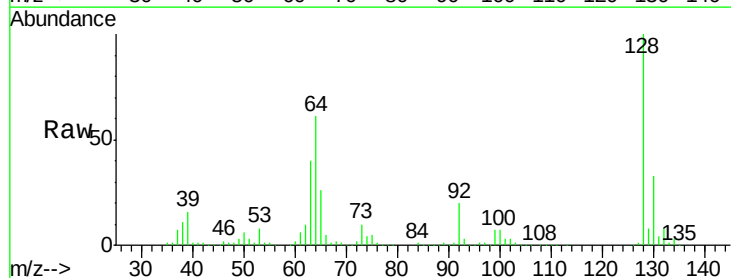
Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Tgt Ion: 128 Resp: 532273

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.5	53.5
64	61.2	21.1	61.1

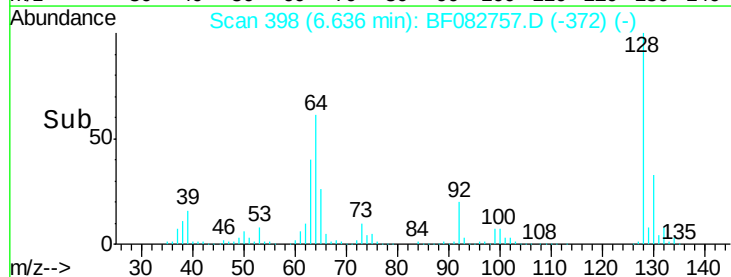
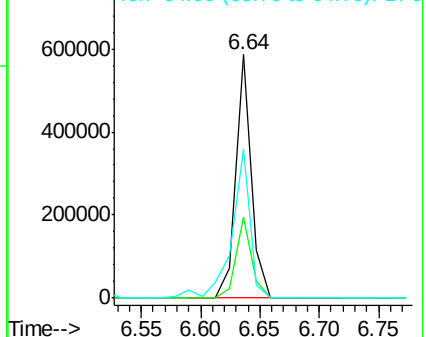


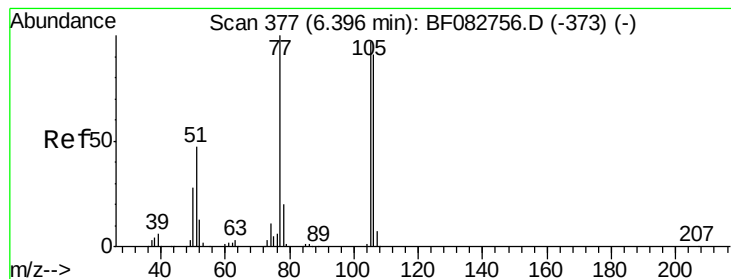
Abundance

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: 40.77 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

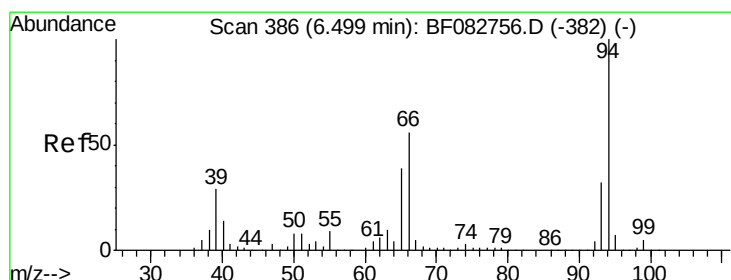
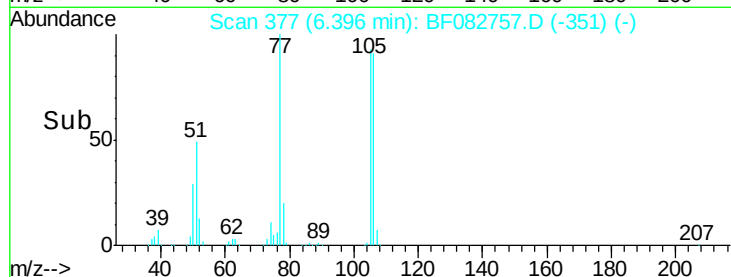
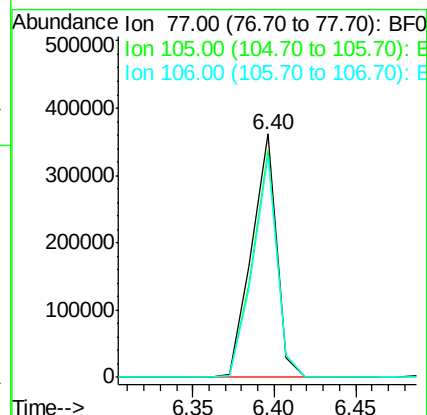
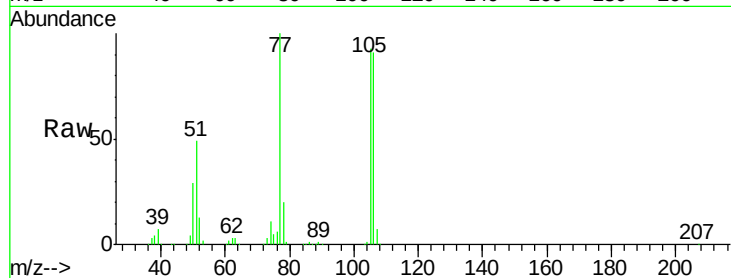
Tot Ion: 77 Resp: 384234

Ion Ratio Lower Upper

77 100

105 93.5 63.5 103.5

106 91.0 59.3 99.3



#10

Phenol

Concen: 40.16 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

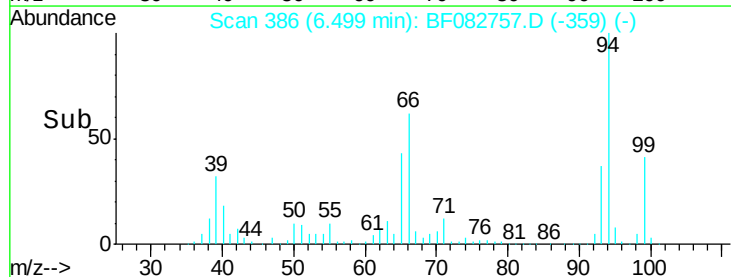
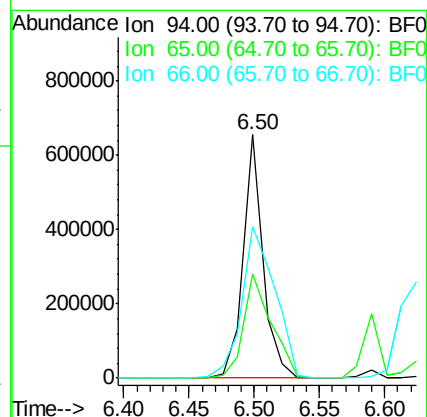
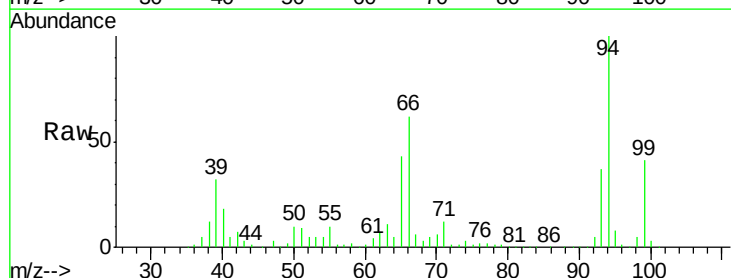
Tgt Ion: 94 Resp: 687970

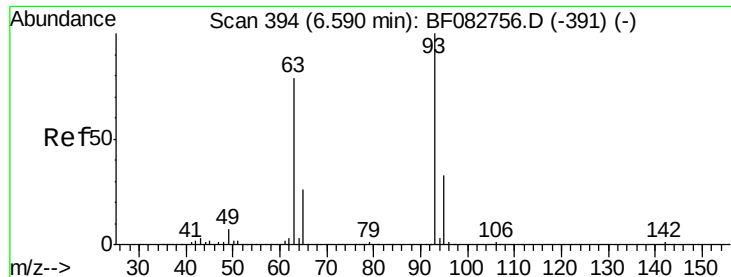
Ion Ratio Lower Upper

94 100

65 42.5 18.9 58.9

66 62.1 34.9 74.9

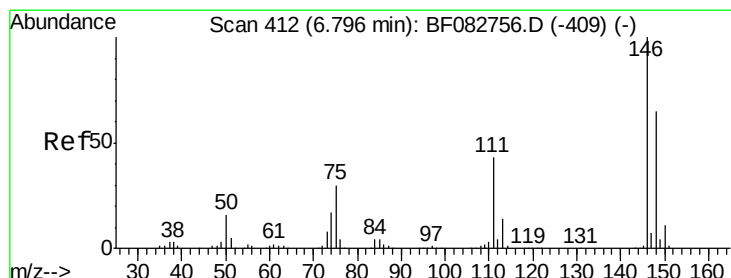
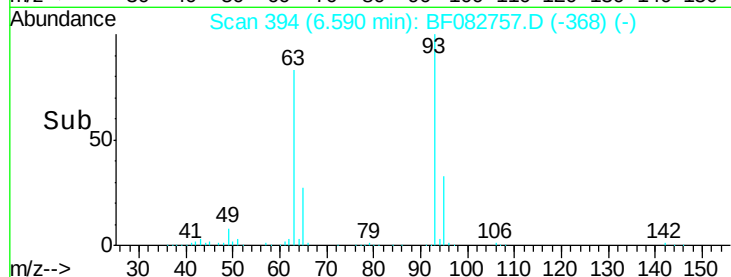
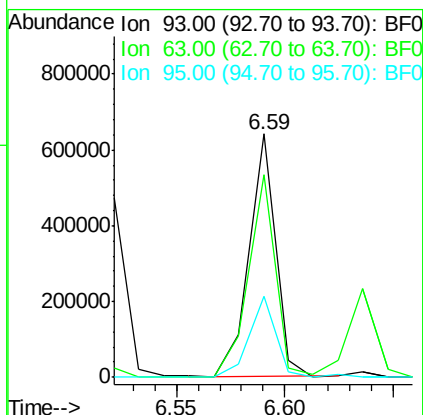
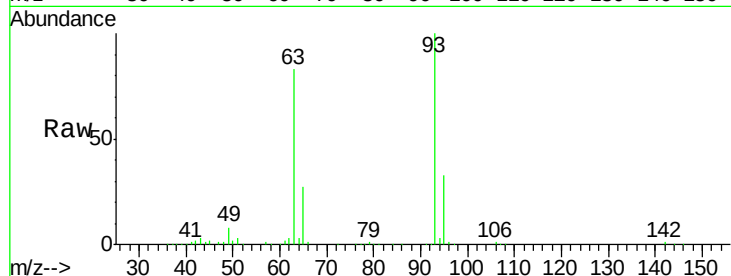




#11
bis(2-Chloroethyl)ether
Concen: 42.56 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

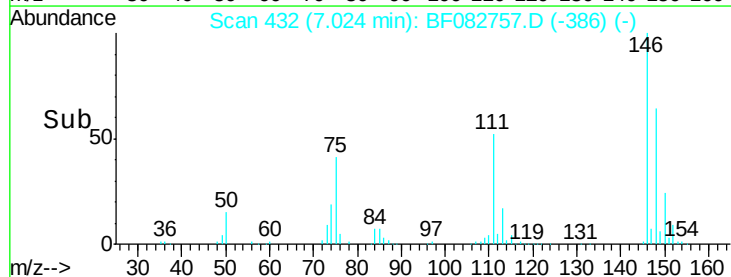
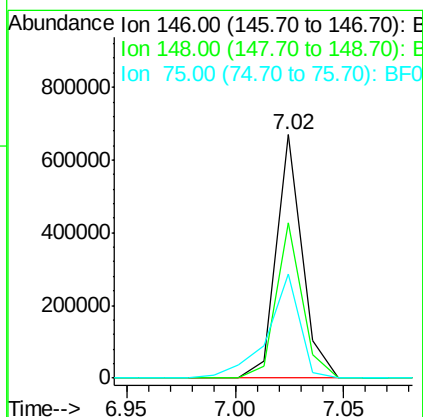
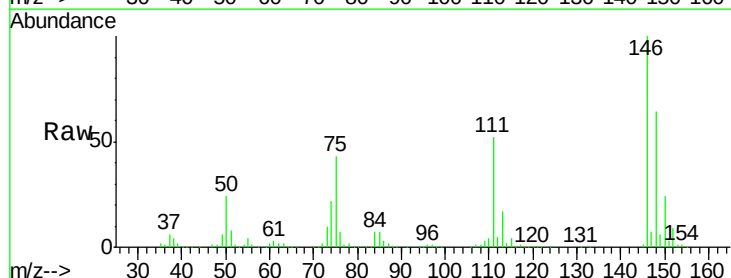
Instrument :
BNA_F
ClientSampleId :

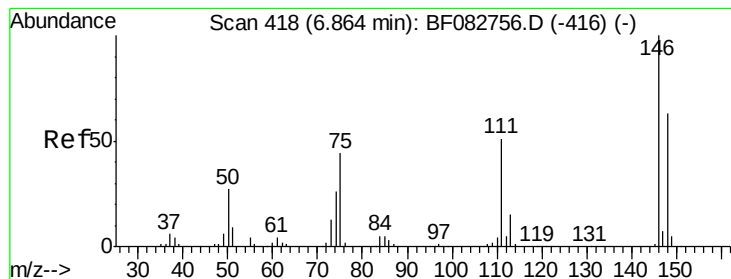
Tot Ion: 93 Resp: 544116
Ion Ratio Lower Upper
93 100
63 83.1 72.7 112.7
95 33.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 40.46 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.23 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion: 146 Resp: 561754
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 42.6 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 45.96 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

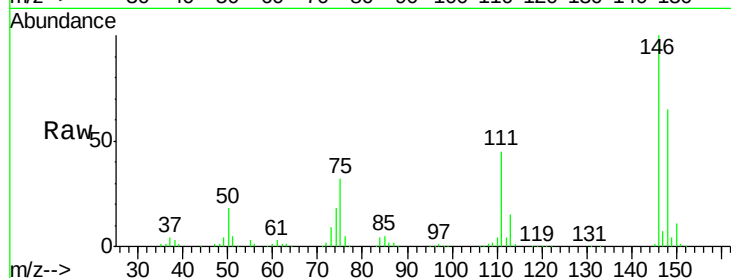
Tot Ion:146 Resp: 662299

Ion Ratio Lower Upper

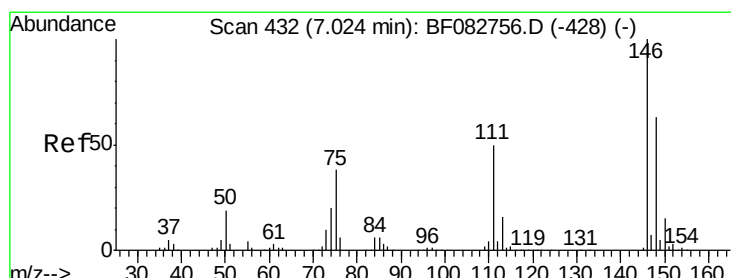
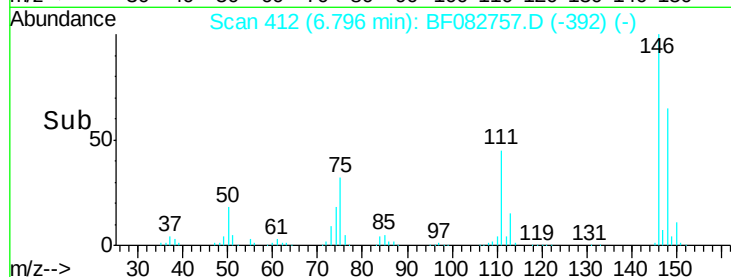
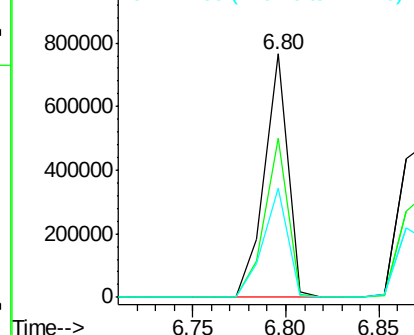
146 100

148 65.4 50.8 76.2

111 45.1 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: 41.43 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

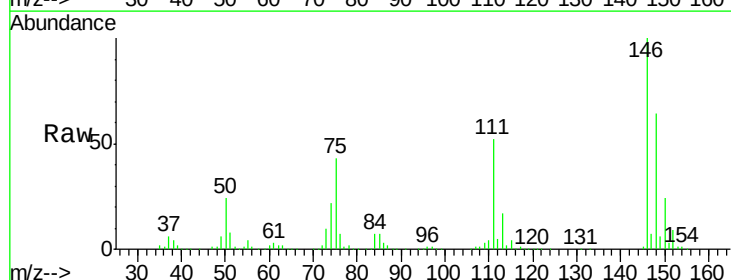
Tgt Ion:146 Resp: 561657

Ion Ratio Lower Upper

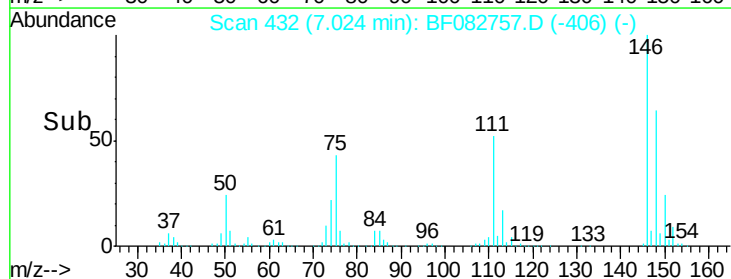
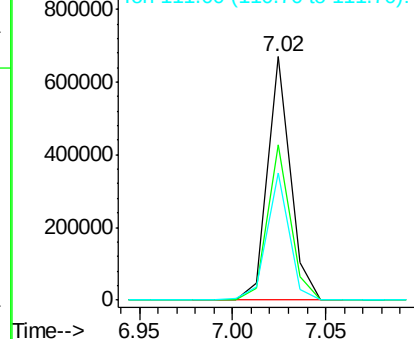
146 100

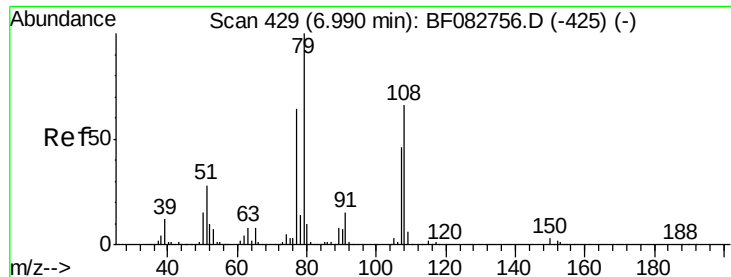
148 63.8 52.2 78.4

111 52.0 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: 50.55 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

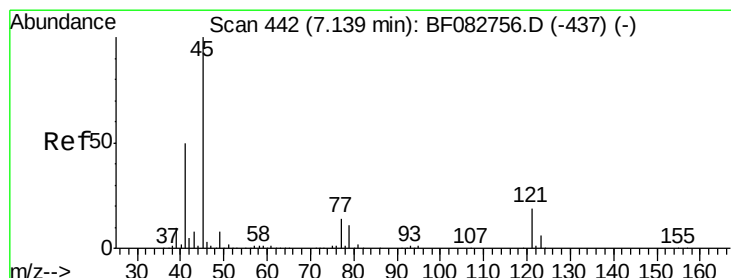
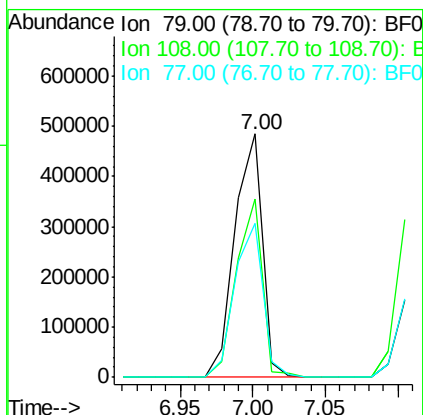
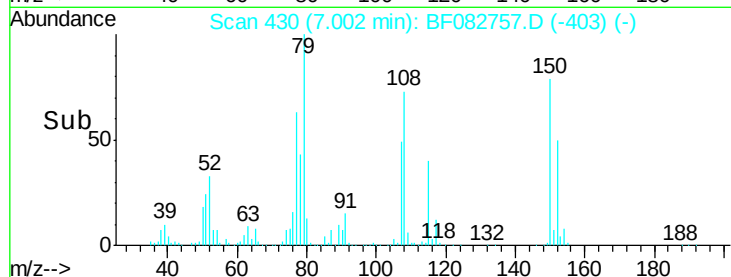
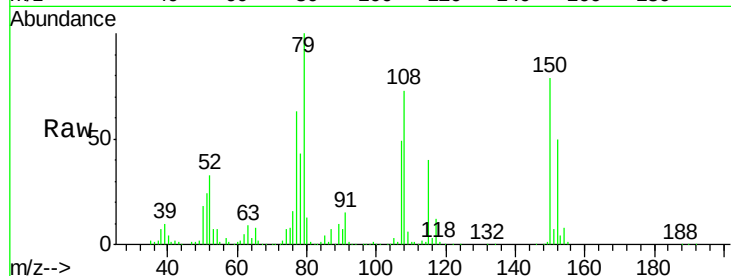
Tot Ion: 79 Resp: 641351

Ion Ratio Lower Upper

79 100

108 73.2 52.2 78.4

77 63.1 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.15 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

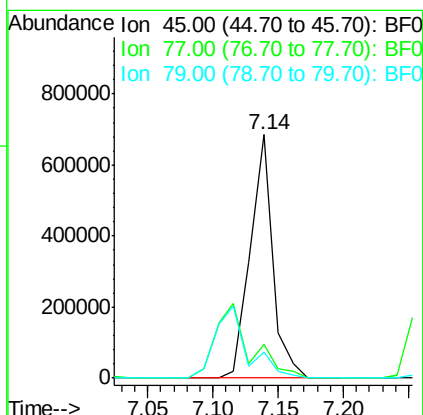
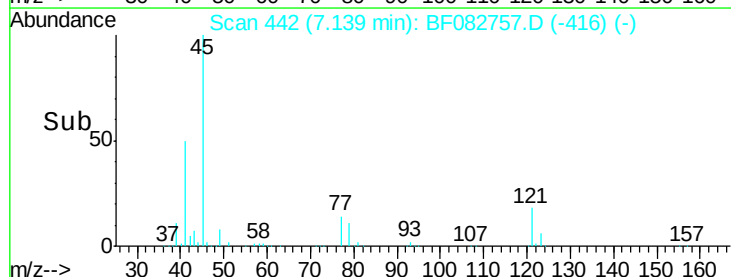
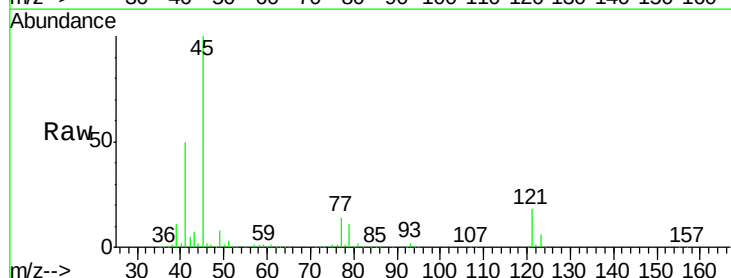
Tgt Ion: 45 Resp: 826590

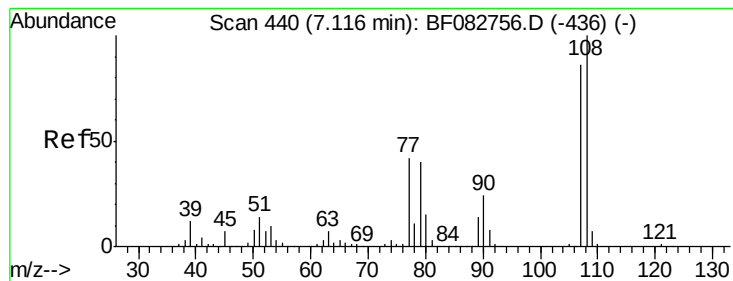
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.6

79 10.9 0.0 29.2

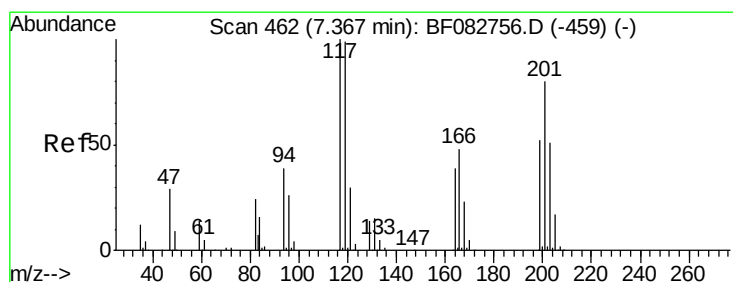
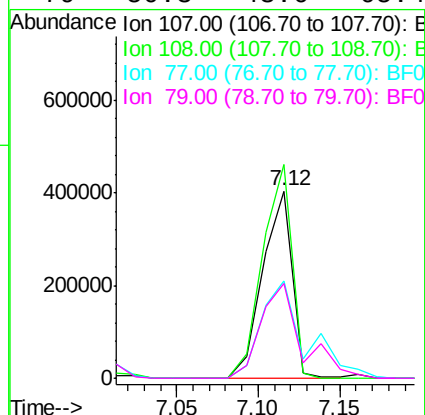
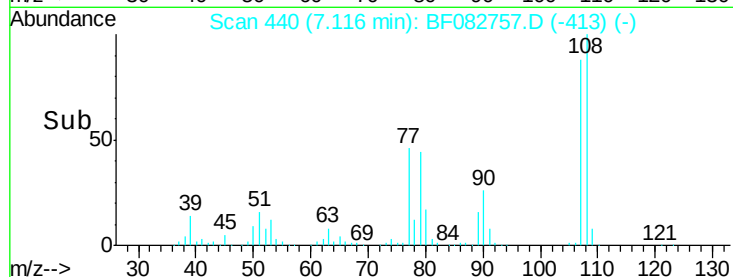
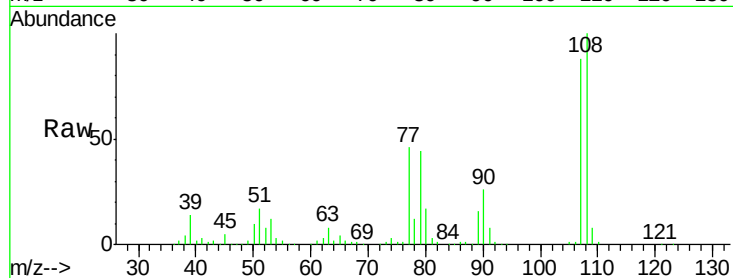




#17
 2-Methylphenol
 Concen: 49.64 ng
 RT: 7.12 min Scan# 440
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

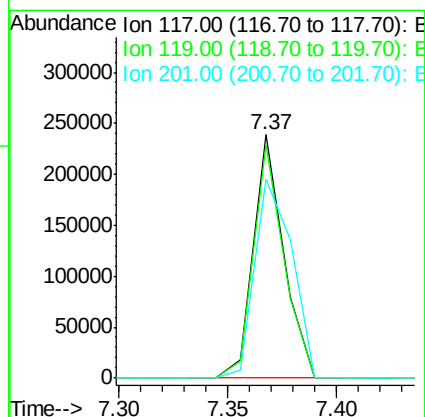
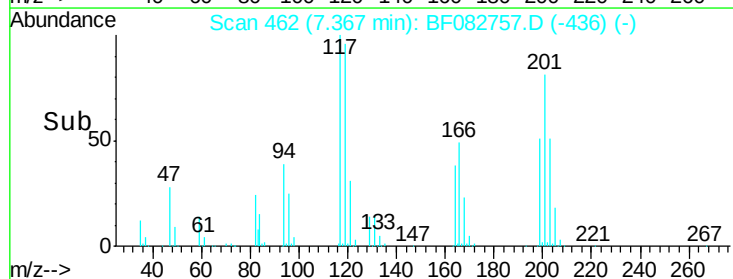
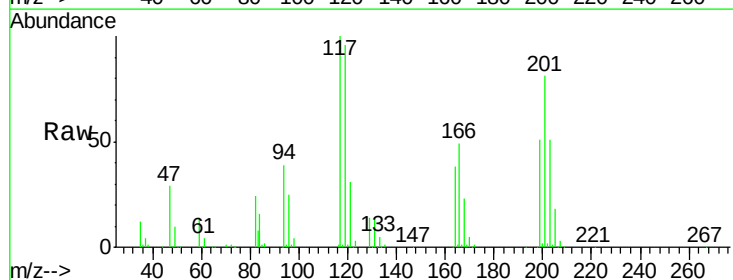
Instrument :
 BNA_F
 ClientSampleId :

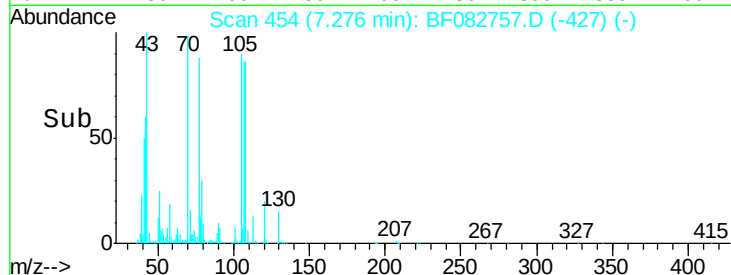
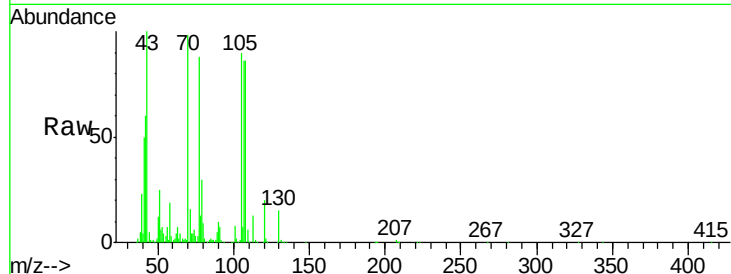
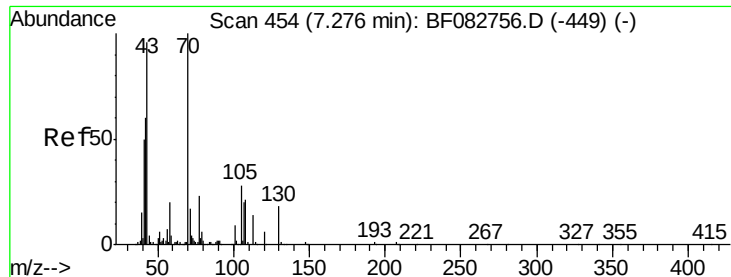
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.0	139.4
77	52.0	44.1	66.1
79	50.3	43.6	65.4



#18
 Hexachloroethane
 Concen: 43.56 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.7	116.5
201	81.5	66.7	100.1

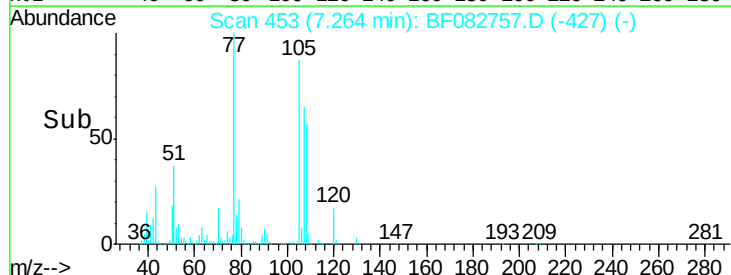
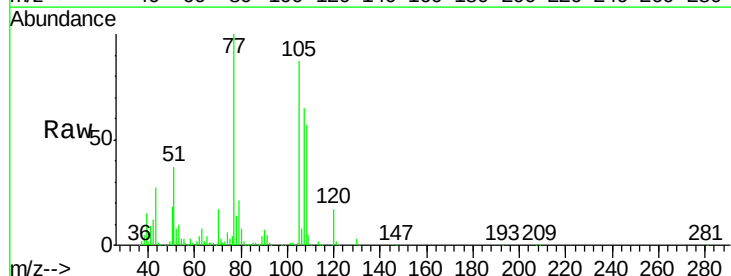
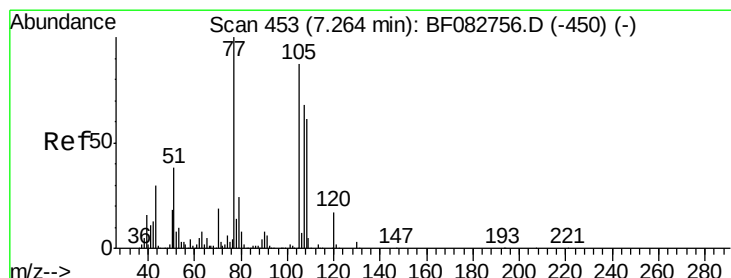
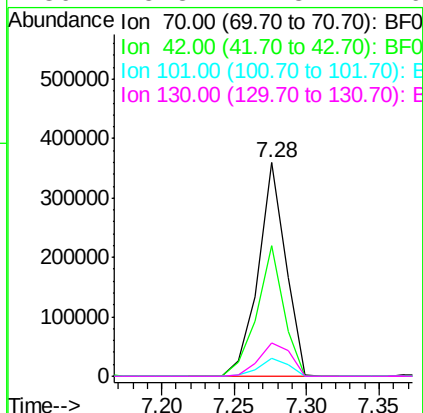




#19
n-Nitroso-di-n-propylamine
Concen: 43.48 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

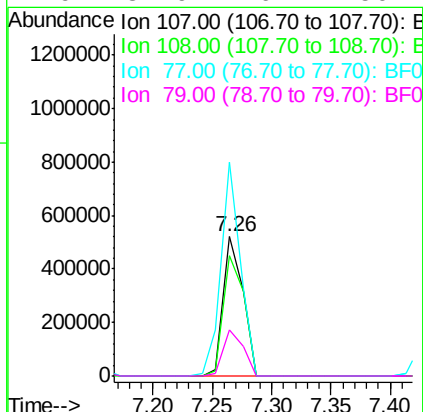
Instrument :
BNA_F
ClientSampled :

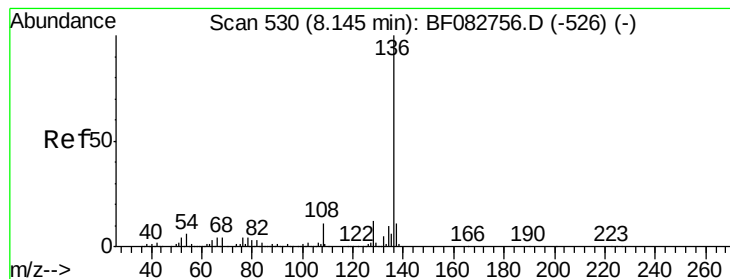
Tot Ion: 70 Resp: 470926
Ion Ratio Lower Upper
70 100
42 61.4 57.7 86.5
101 8.5 7.0 10.6
130 15.3 11.8 17.6



#20
3+4-Methylphenols
Concen: 42.95 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion: 107 Resp: 594050
Ion Ratio Lower Upper
107 100
108 87.0 67.3 107.3
77 153.8 100.3 140.3#
79 32.9 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: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 651017

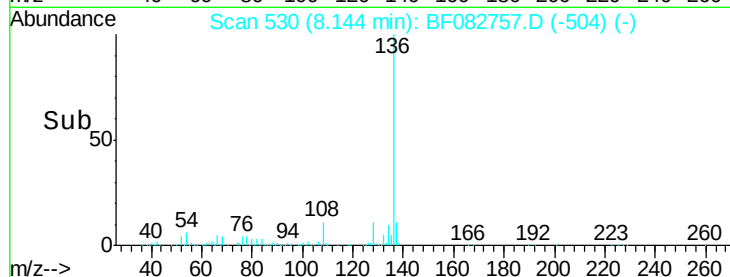
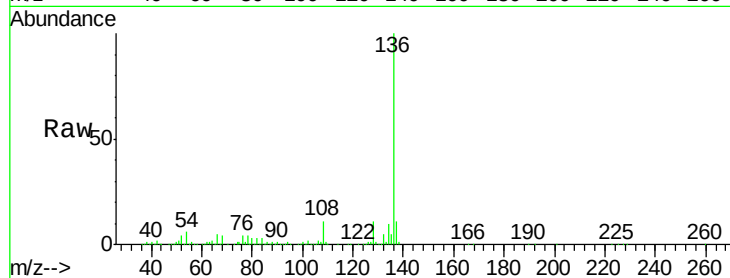
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 6.2 9.1 13.7#

68 4.1 4.8 7.2#

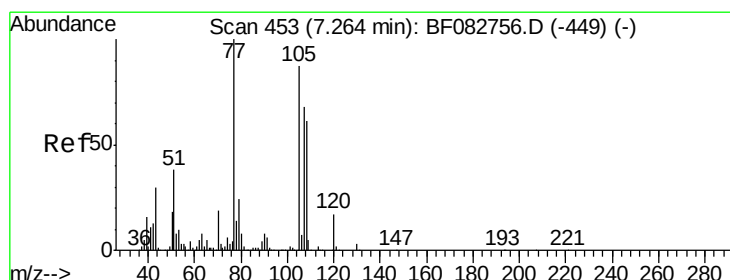
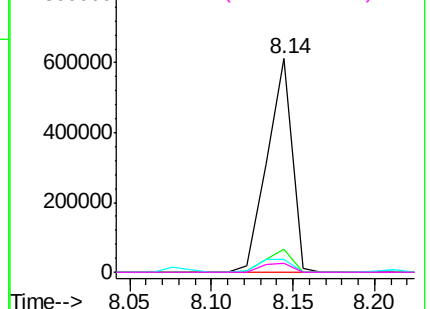


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.24 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Tgt Ion:105 Resp: 832931

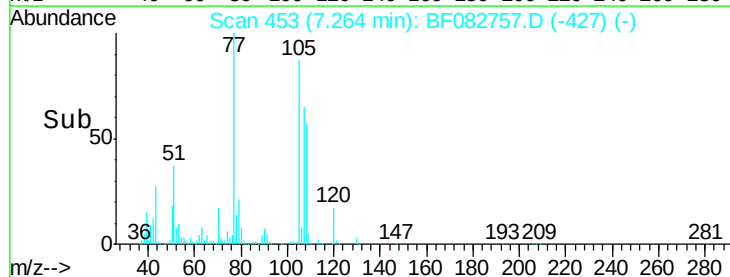
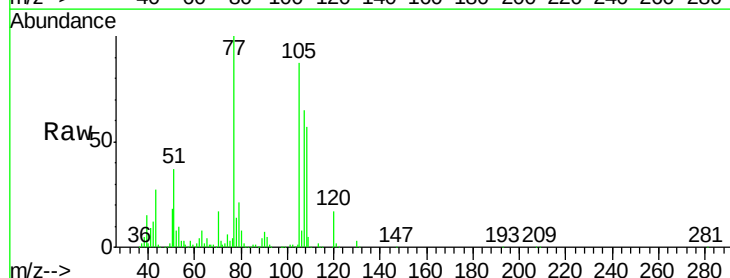
Ion Ratio Lower Upper

105 100

71 3.2 5.6 8.4#

51 43.2 24.9 37.3#

120 19.3 15.8 23.8

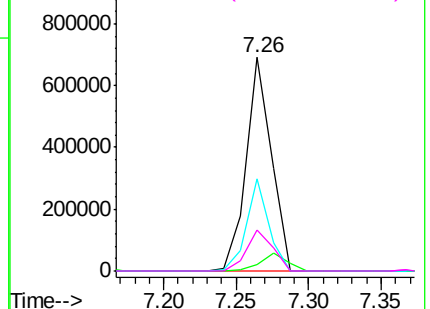


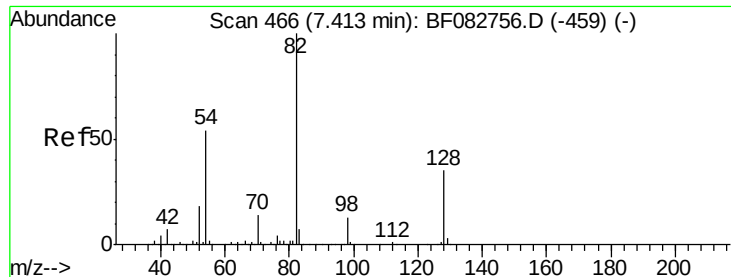
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

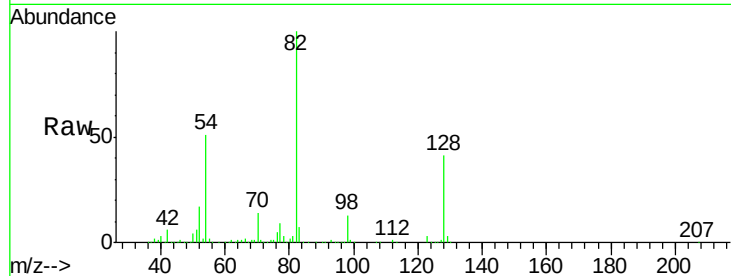




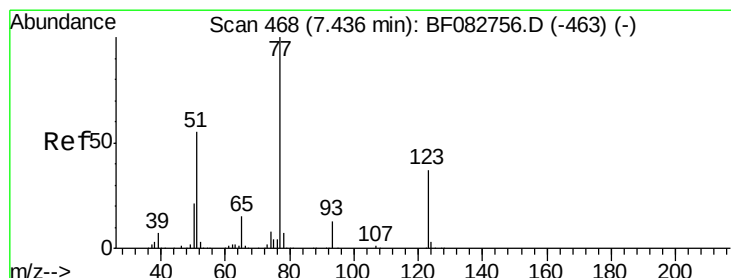
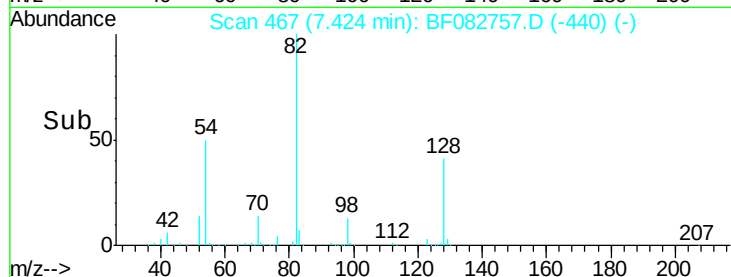
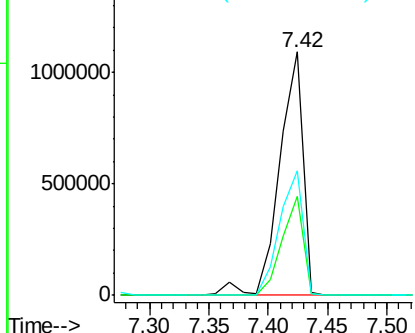
#23
 Nitrobenzene-d5
 Concen: 47.86 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1479277
 Ion Ratio Lower Upper
 82 100
 128 40.7 26.8 40.2#
 54 51.1 45.7 68.5

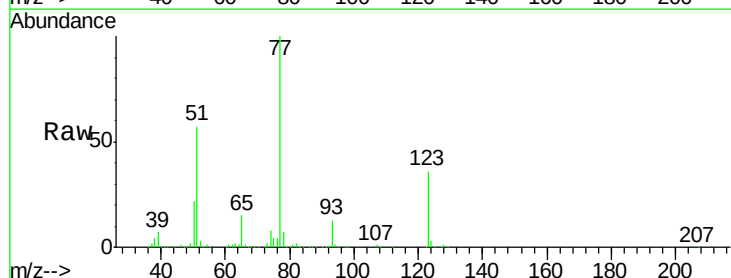


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

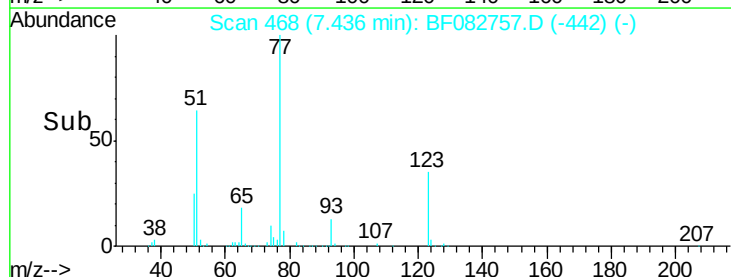
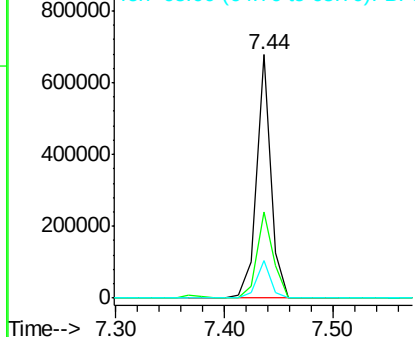


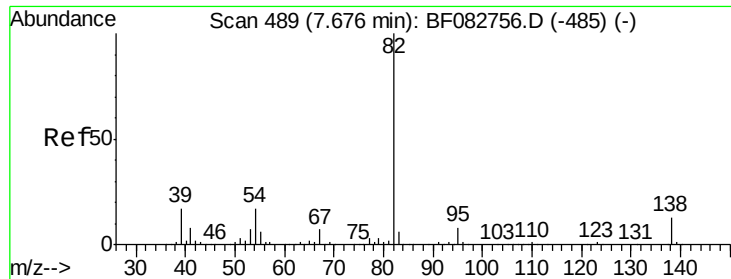
#24
 Nitrobenzene
 Concen: 38.66 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion: 77 Resp: 631288
 Ion Ratio Lower Upper
 77 100
 123 35.6 36.4 54.6#
 65 15.4 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: 45.64 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

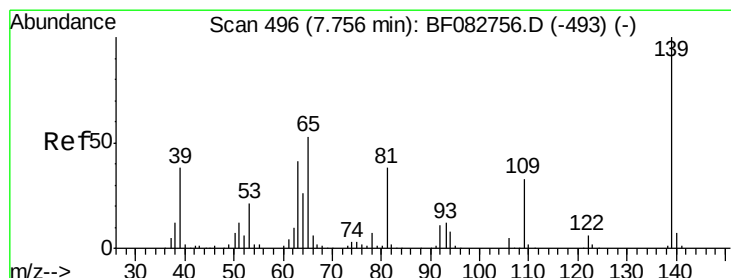
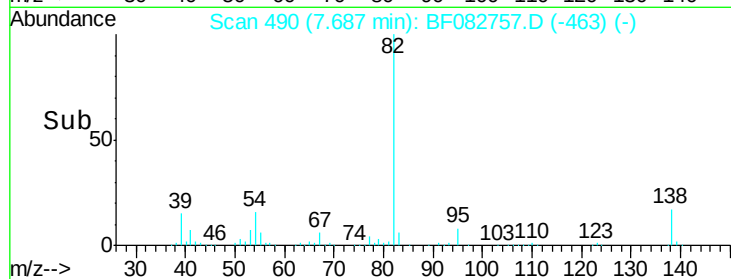
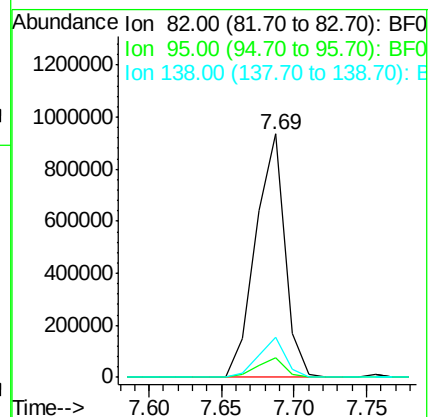
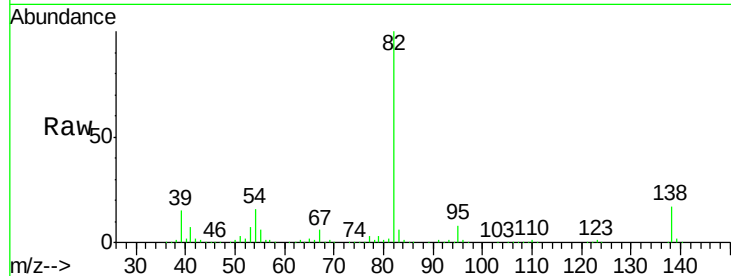
Tot Ion: 82 Resp: 1310104

Ion Ratio Lower Upper

82 100

95 7.9 6.6 9.8

138 16.6 11.4 17.0



#26

2-Nitrophenol

Concen: 50.08 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

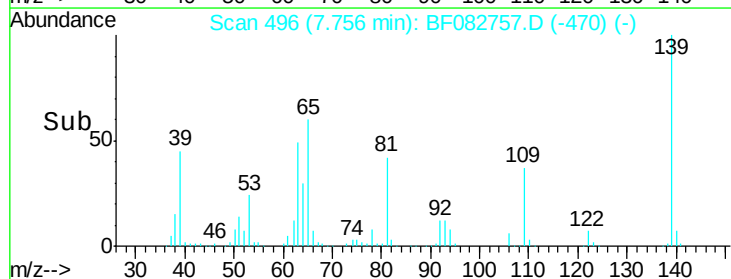
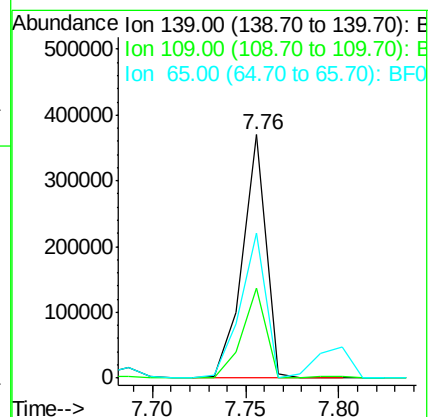
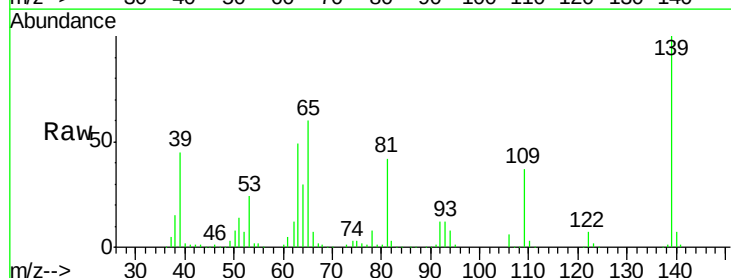
Tgt Ion: 139 Resp: 329844

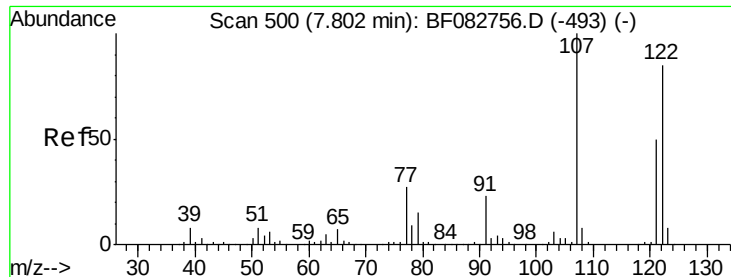
Ion Ratio Lower Upper

139 100

109 36.7 37.6 56.4#

65 59.5 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 47.33 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

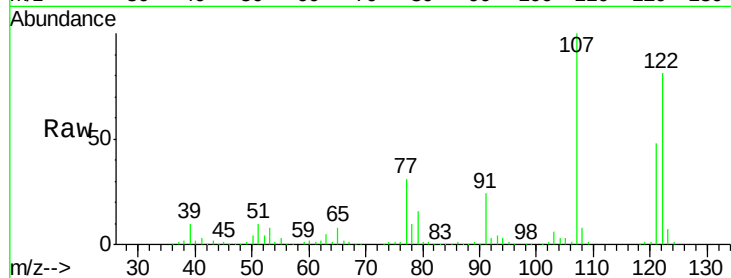
Tot Ion:122 Resp: 565741

Ion Ratio Lower Upper

122 100

107 123.9 106.0 159.0

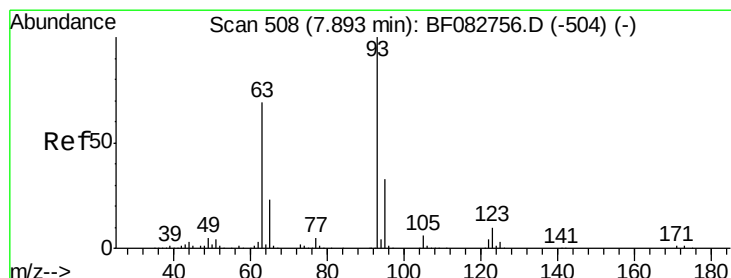
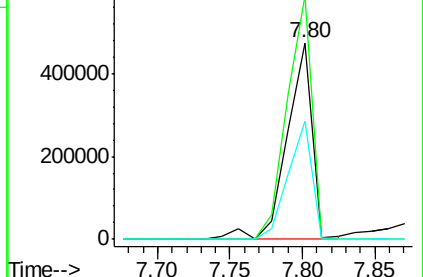
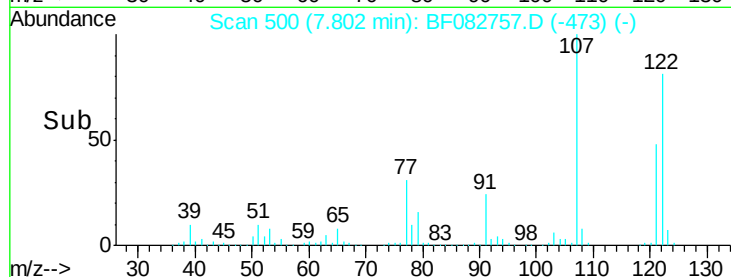
121 60.0 46.7 70.1



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: 42.63 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

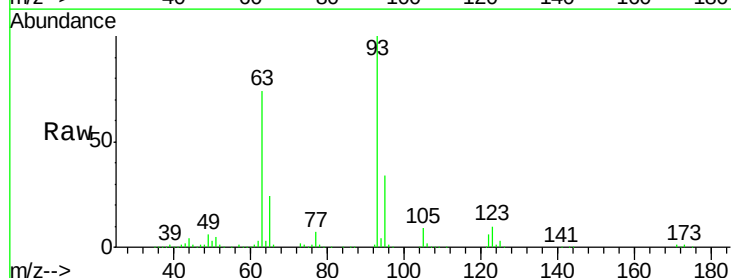
Tgt Ion: 93 Resp: 710413

Ion Ratio Lower Upper

93 100

95 33.8 26.6 40.0

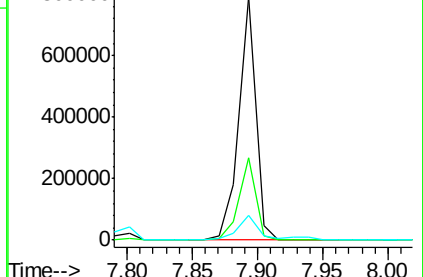
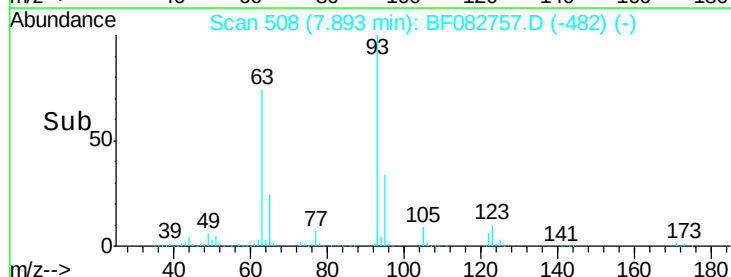
123 10.3 9.7 14.5

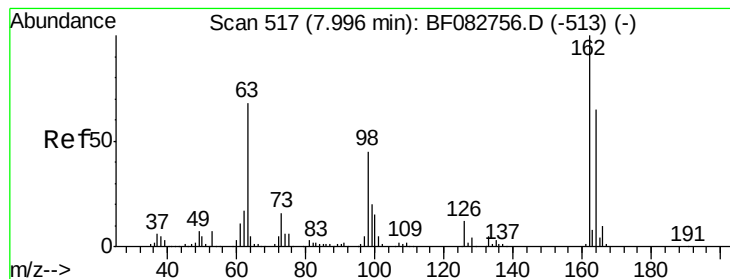


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.88 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

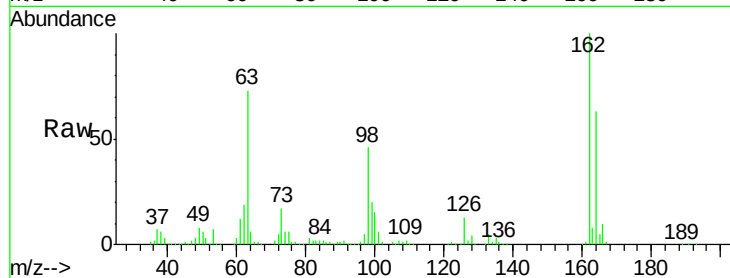
Tot Ion:162 Resp: 469584

Ion Ratio Lower Upper

162 100

164 63.0 46.8 86.8

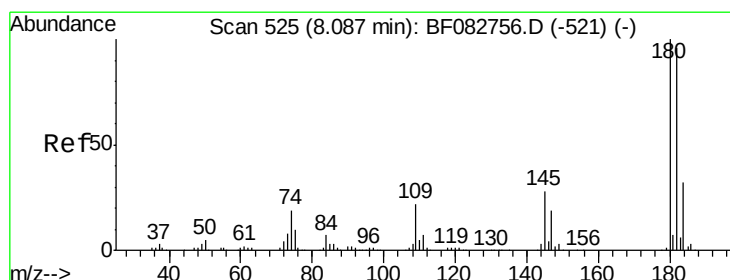
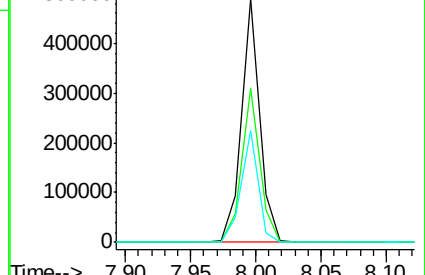
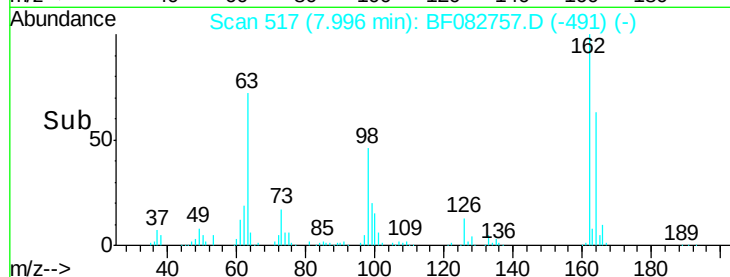
98 45.9 12.5 52.5



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: 47.78 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

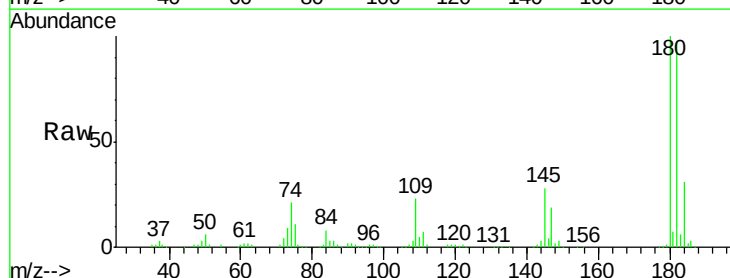
Tgt Ion:180 Resp: 570317

Ion Ratio Lower Upper

180 100

182 97.4 74.9 112.3

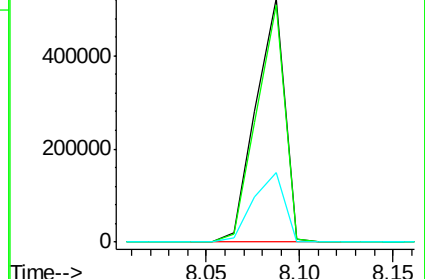
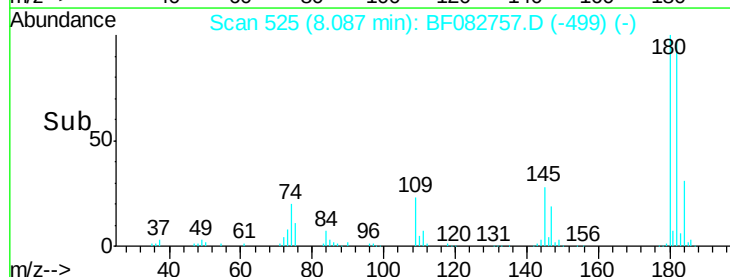
145 28.3 27.8 41.8

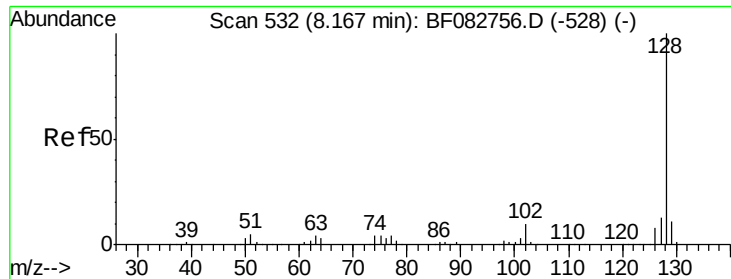


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

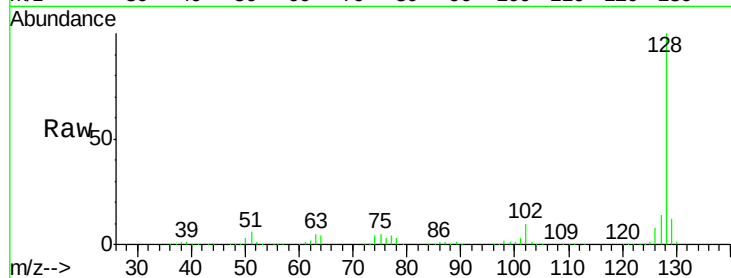




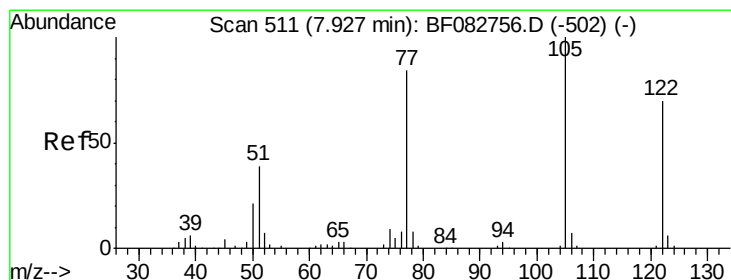
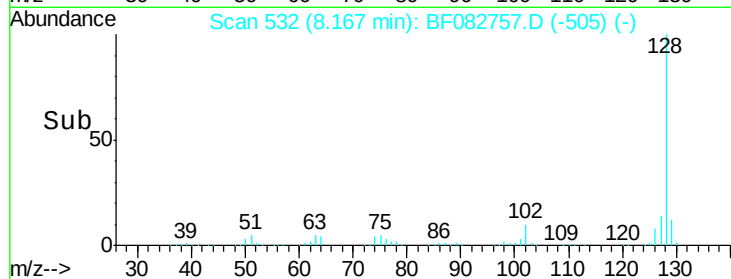
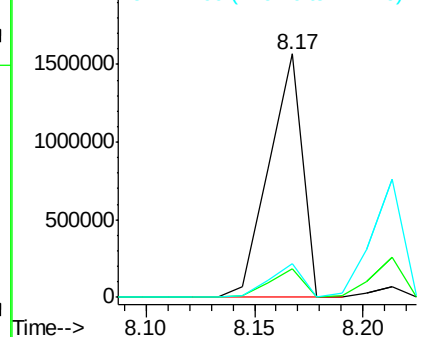
#31
Naphthalene
Concen: 44.95 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1692207
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.9 11.4 17.0

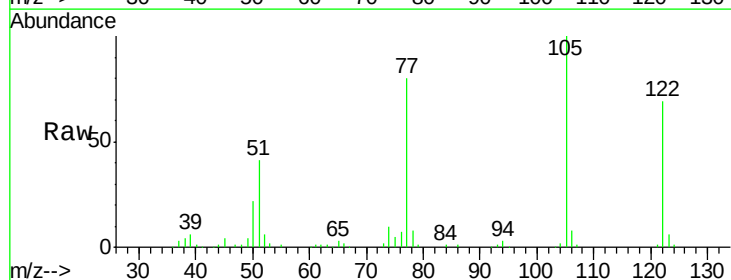


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

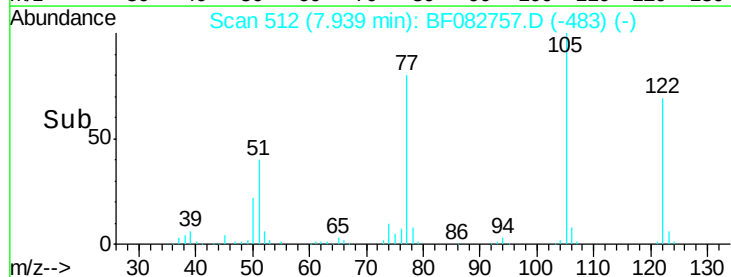
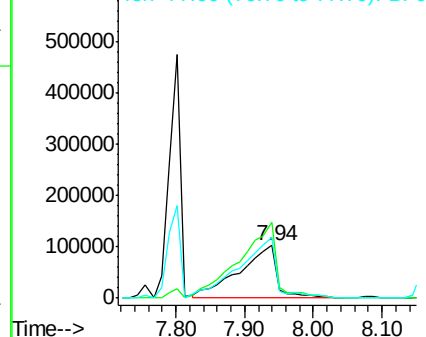


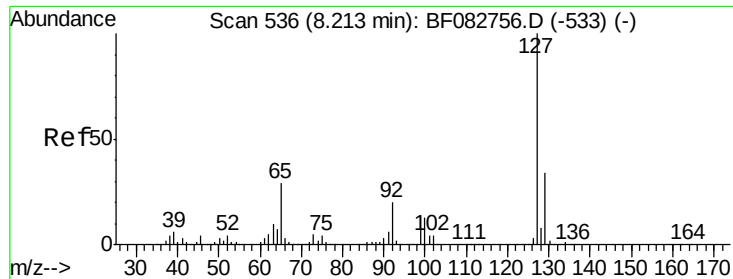
#32
Benzoic acid
Concen: 51.78 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.03 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:122 Resp: 392453
Ion Ratio Lower Upper
122 100
105 143.9 122.6 162.6
77 114.9 100.9 140.9



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

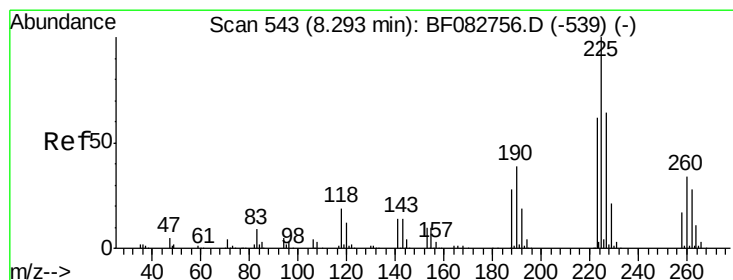
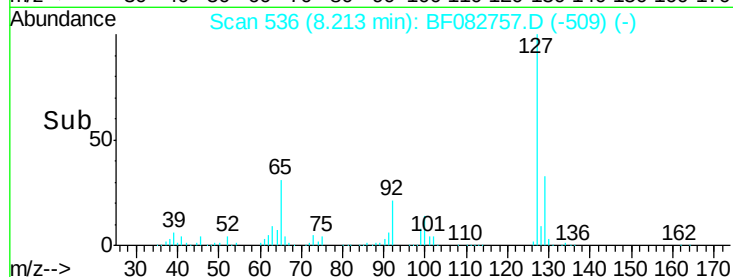
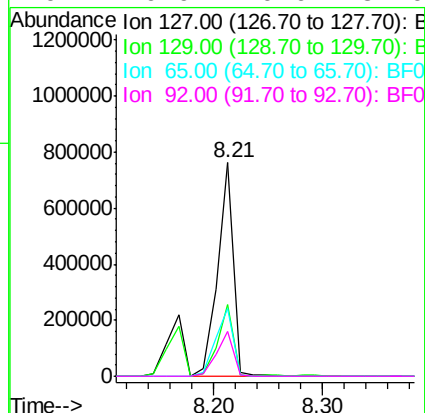
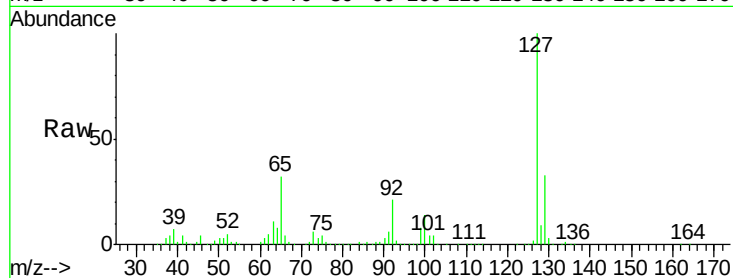




#33
4-Chloroaniline
Concen: 47.11 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

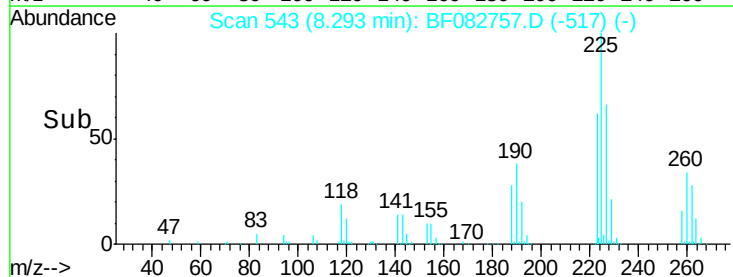
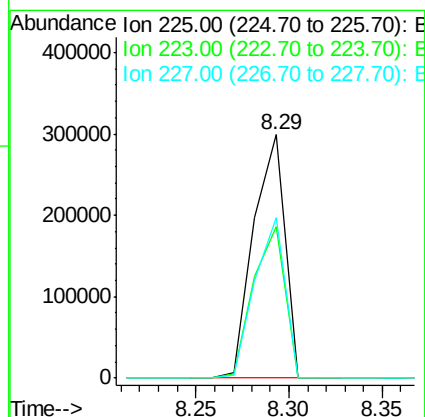
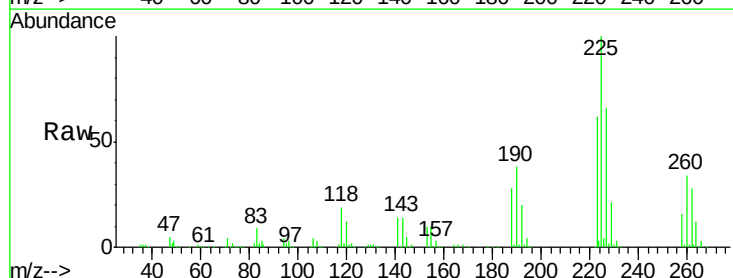
Instrument :
BNA_F
ClientSampled :

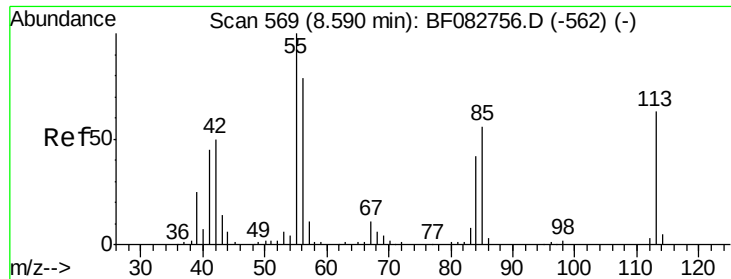
Tot Ion:	127	Resp:	770545
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	31.8	37.8	56.8#
92	20.9	20.6	31.0



#34
Hexachlorobutadiene
Concen: 46.29 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:	225	Resp:	345415
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.5	75.7
227	66.0	50.2	75.2

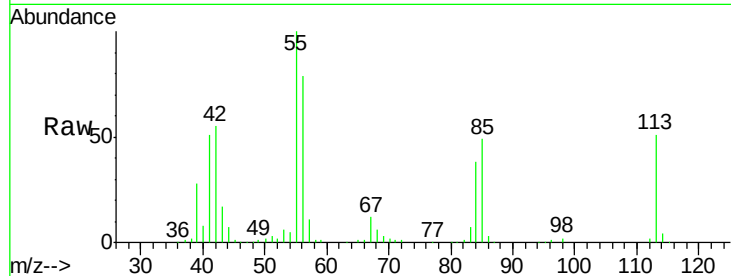




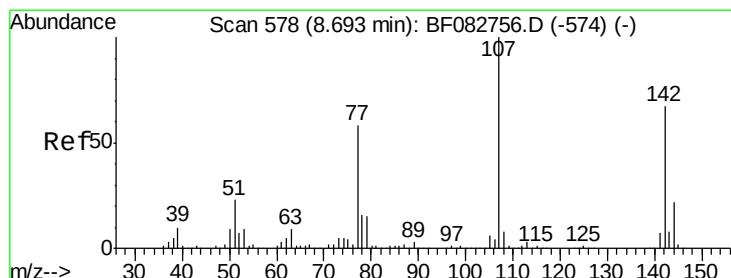
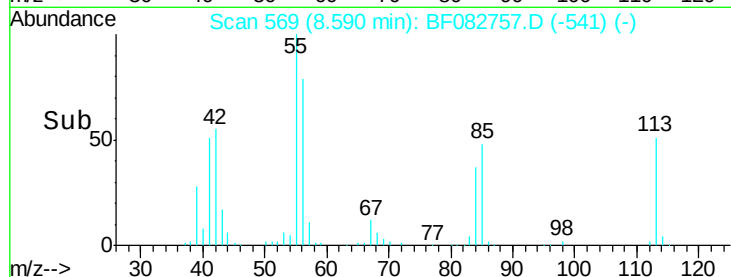
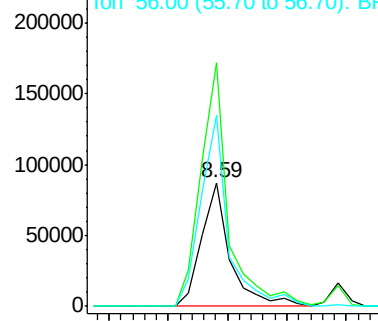
#35
 Caprolactam
 Concen: 43.58 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 147128
 Ion Ratio Lower Upper
 113 100
 55 196.8 195.5 235.5
 56 154.8 153.5 193.5

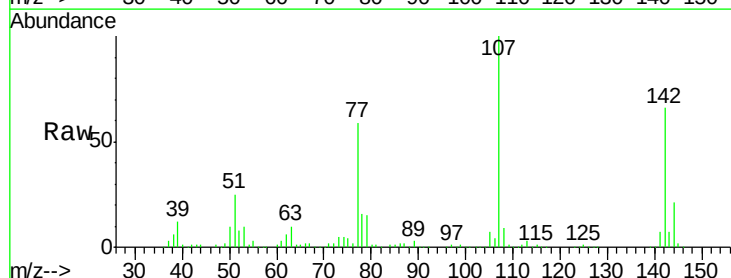


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

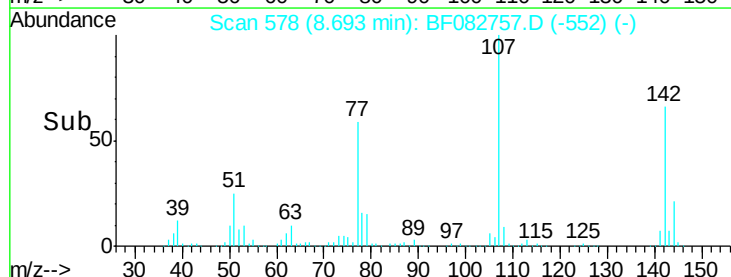
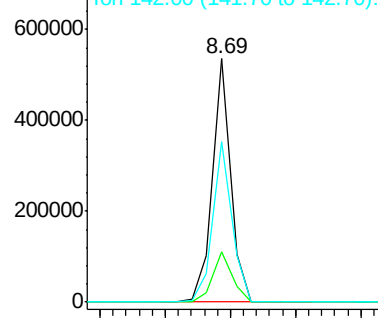


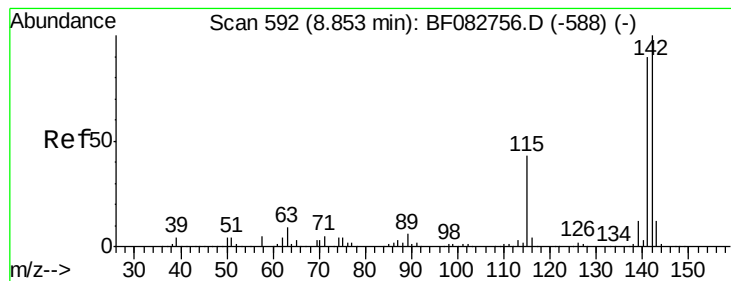
#36
 4-Chloro-3-methylphenol
 Concen: 39.60 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:107 Resp: 517793
 Ion Ratio Lower Upper
 107 100
 144 20.8 15.4 23.0
 142 65.9 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.03 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

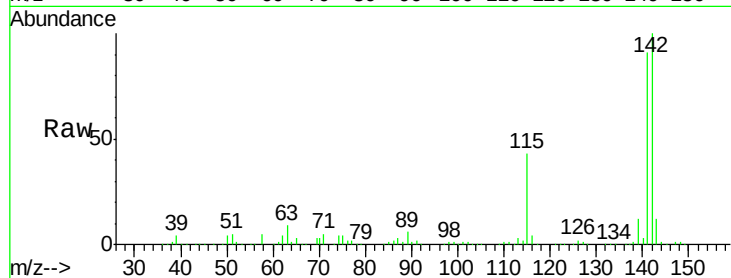
Tot Ion:142 Resp: 1032587

Ion Ratio Lower Upper

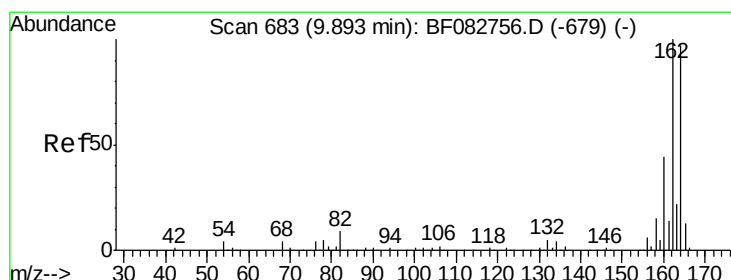
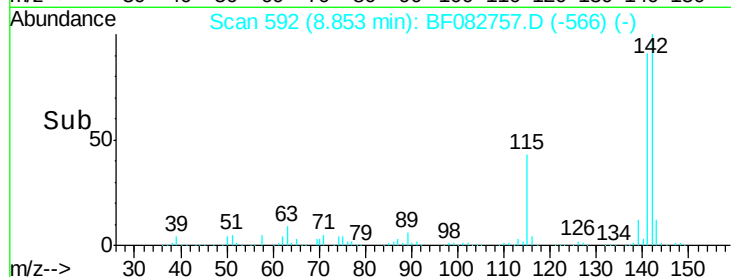
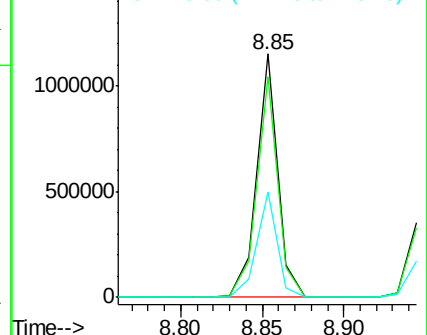
142 100

141 90.5 72.3 108.5

115 43.3 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: BF082757.D

Acq: 6 Nov 2015 12:58

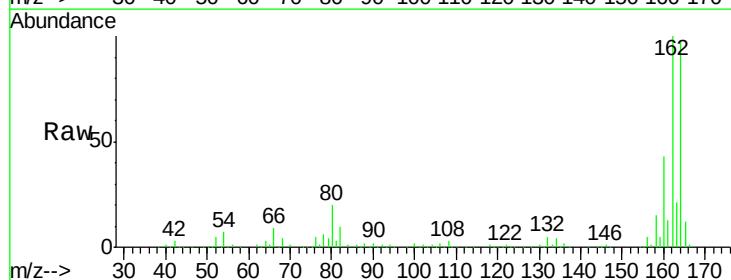
Tgt Ion:164 Resp: 328873

Ion Ratio Lower Upper

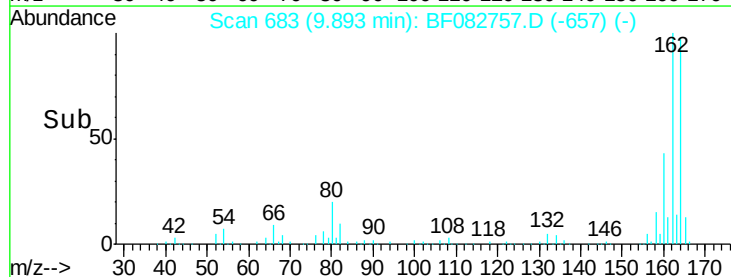
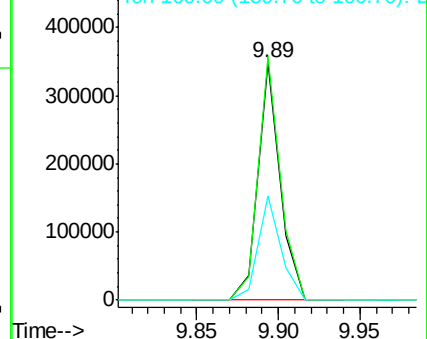
164 100

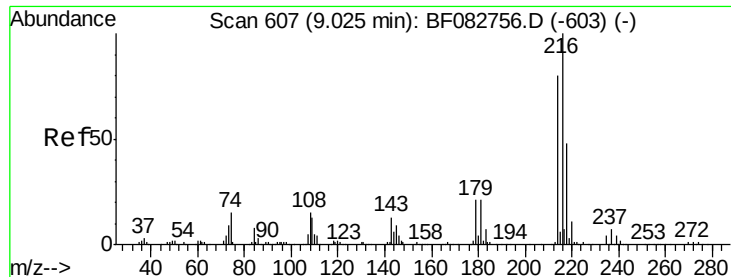
162 102.6 84.9 127.3

160 43.9 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: 51.27 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 563346

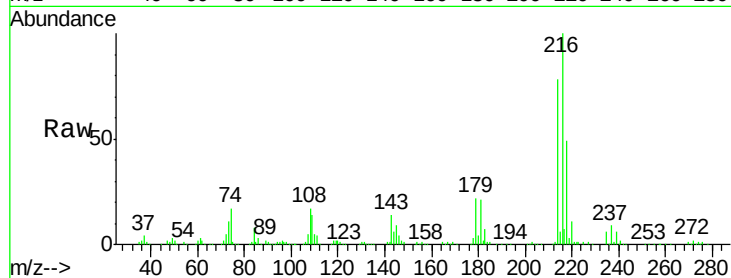
Ion Ratio Lower Upper

216 100

214 79.4 62.2 93.2

179 22.9 18.1 27.1

108 21.1 16.6 25.0

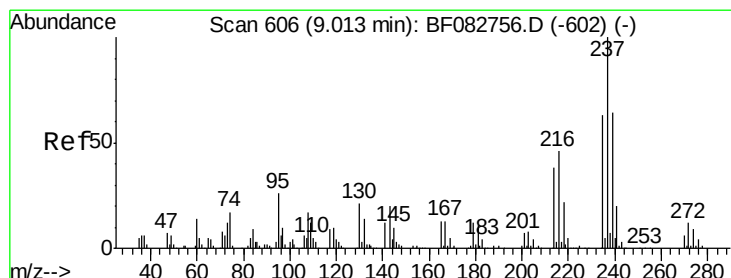
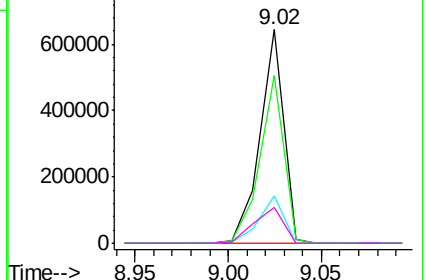
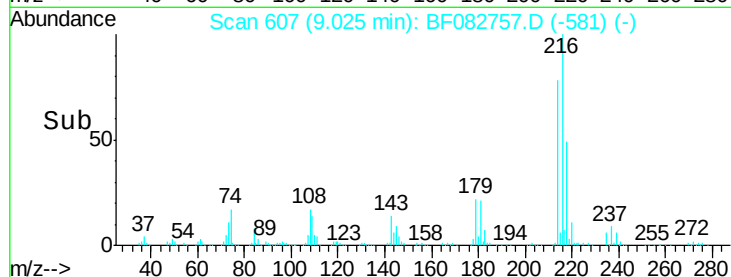


Abundance Ion 216.00 (215.70 to 216.70): E

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: 55.07 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

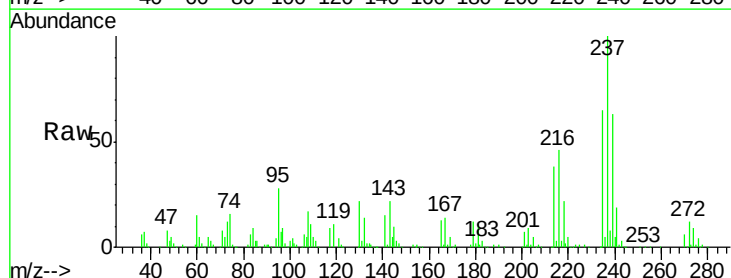
Tgt Ion:237 Resp: 302386

Ion Ratio Lower Upper

237 100

235 65.2 44.3 84.3

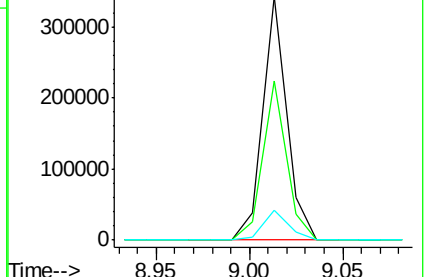
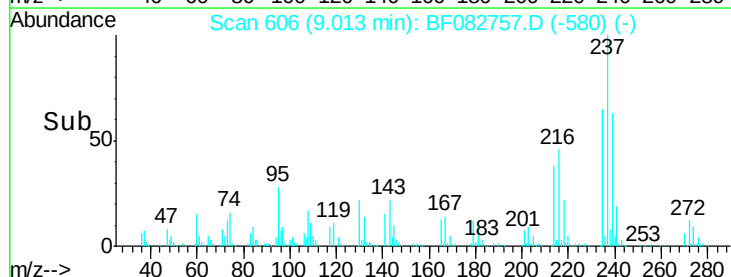
272 12.1 0.0 31.9

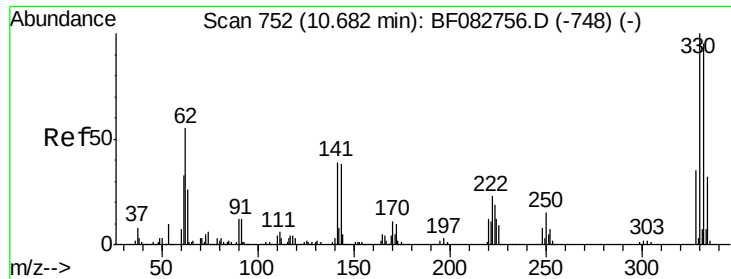


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

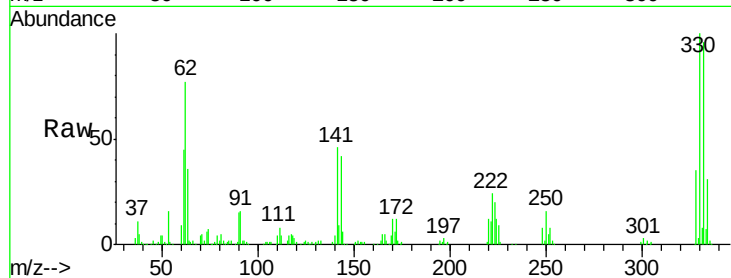




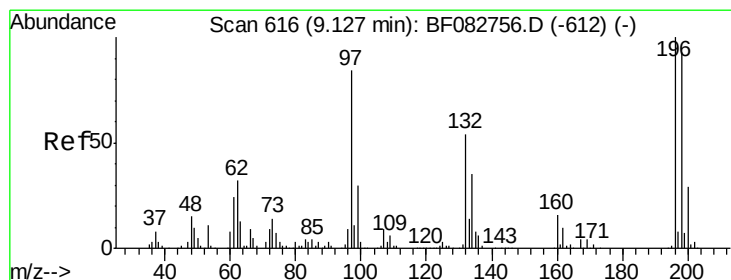
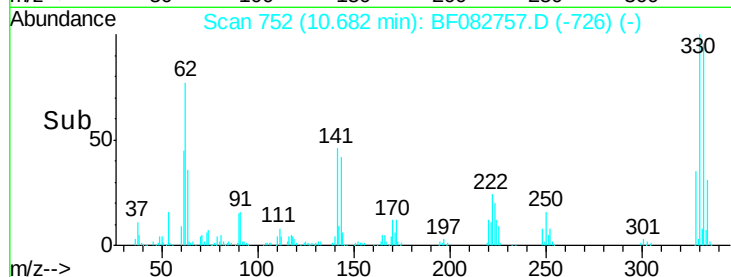
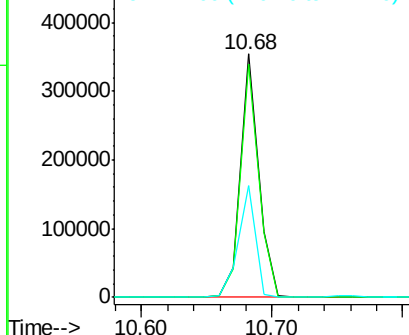
#41
 2,4,6-Tribromophenol
 Concen: 45.28 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 341648
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 42.8 41.2 61.8

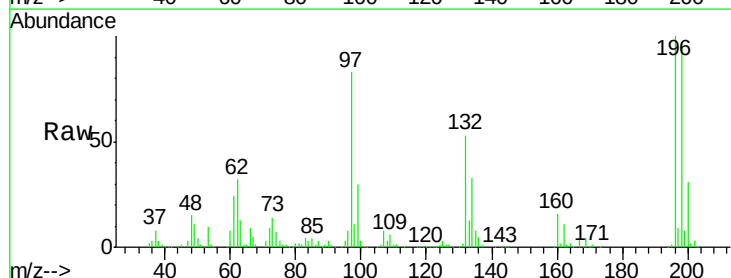


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

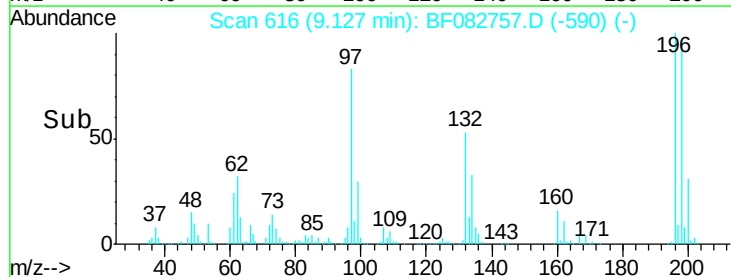
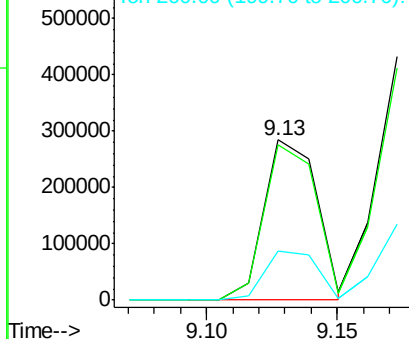


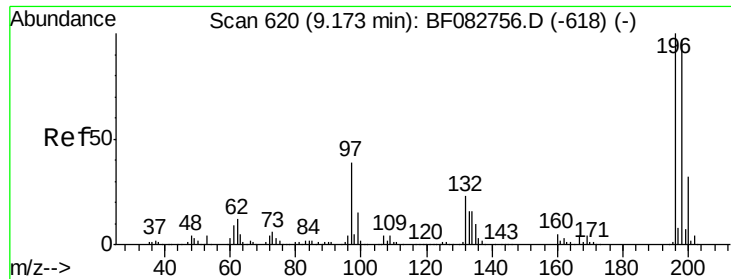
#42
 2,4,6-Trichlorophenol
 Concen: 49.96 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:196 Resp: 397086
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.3 114.5
 200 30.6 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

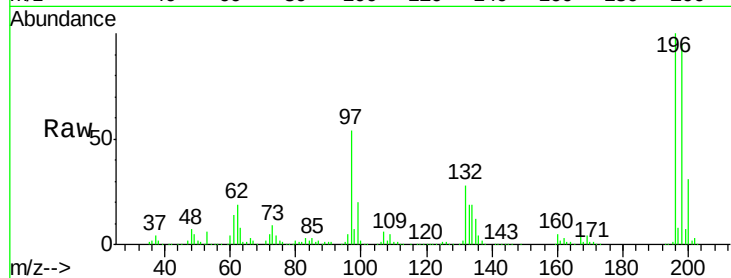




#43
 2,4,5-Trichlorophenol
 Concen: 51.25 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.8
97	53.6	62.3	93.5
132	27.8	27.4	41.2



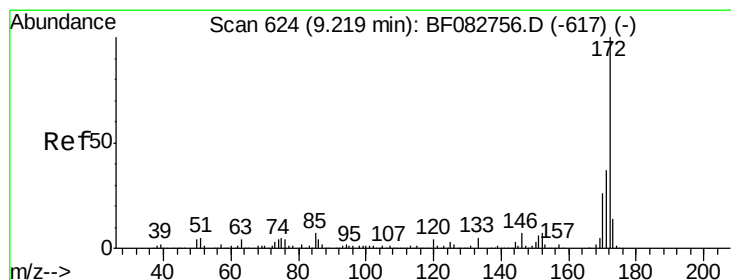
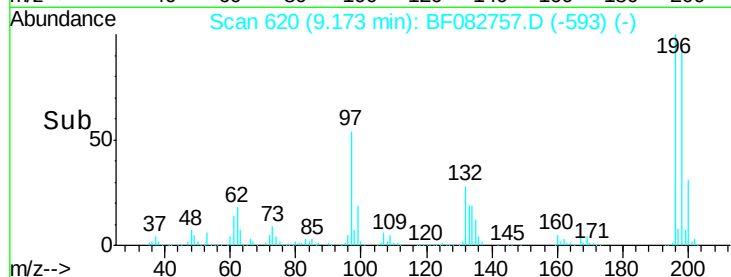
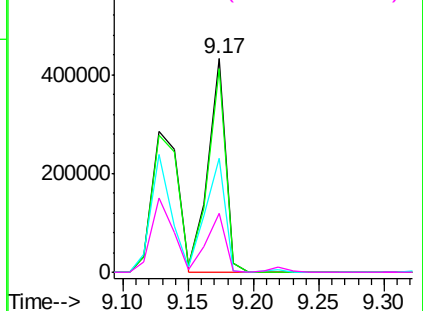
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

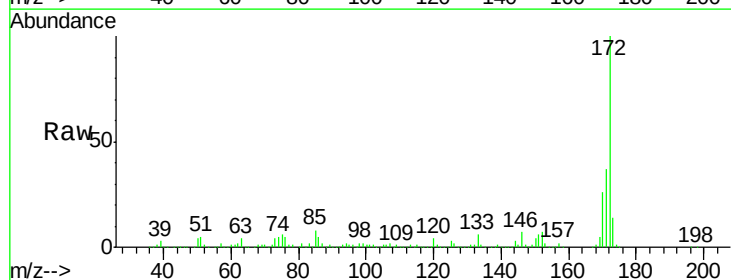
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 42.24 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	25.6	21.2	31.8

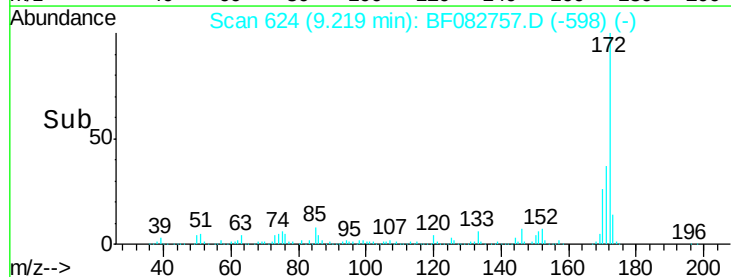
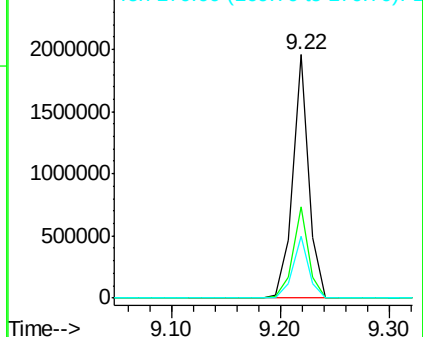


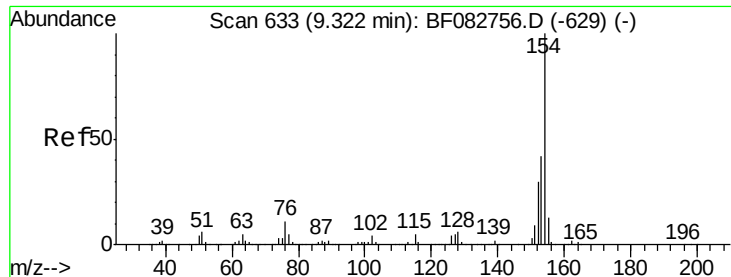
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 49.40 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

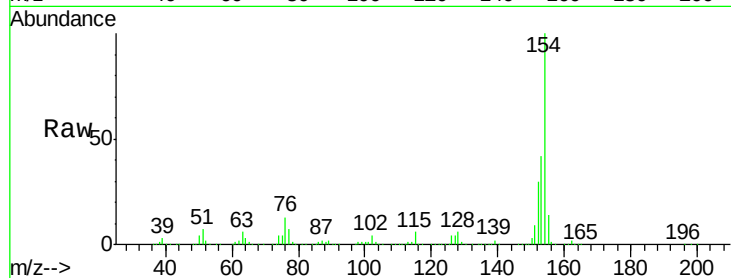
Tot Ion:154 Resp: 1452102

Ion Ratio Lower Upper

154 100

153 41.9 22.0 62.0

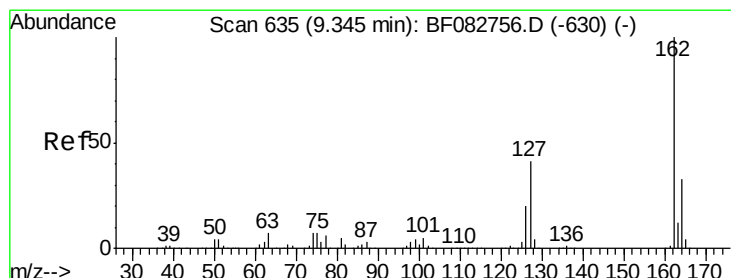
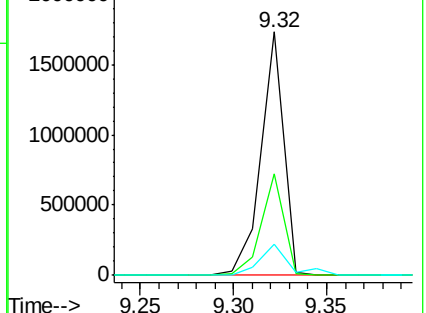
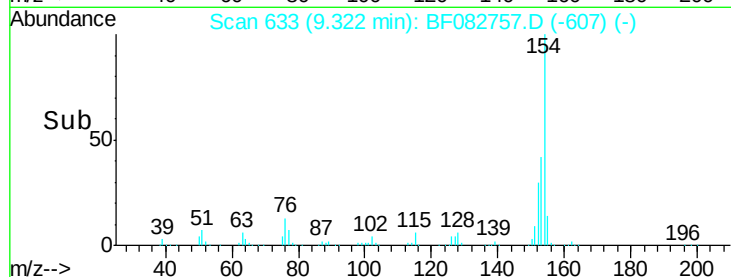
76 12.7 0.0 29.0



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: 49.07 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

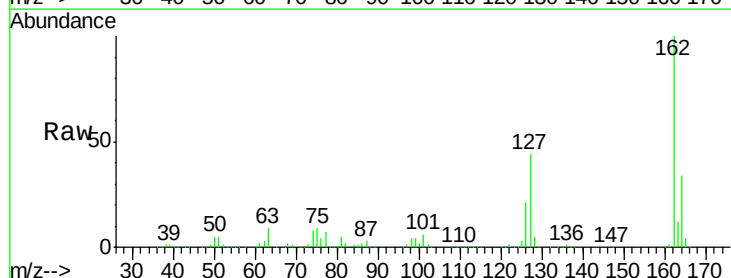
Tgt Ion:162 Resp: 1110594

Ion Ratio Lower Upper

162 100

127 43.6 32.7 49.1

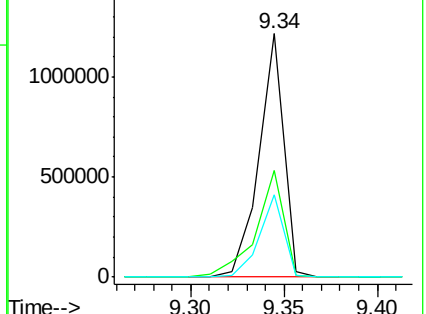
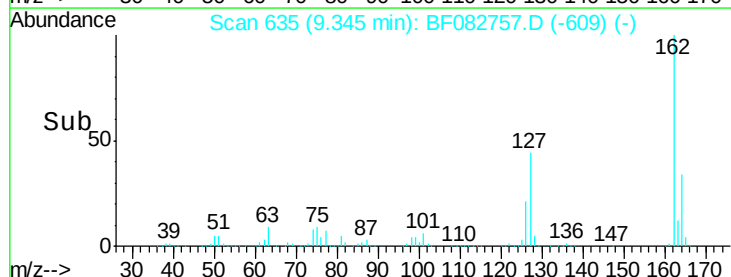
164 33.8 27.4 41.0

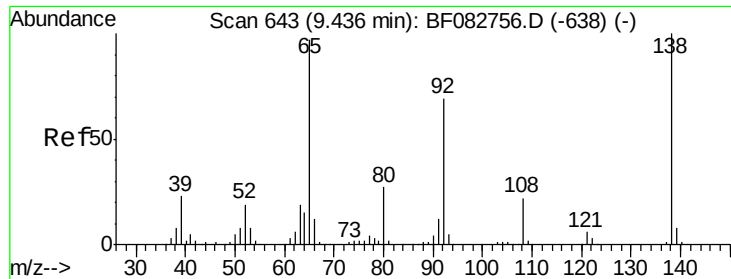


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

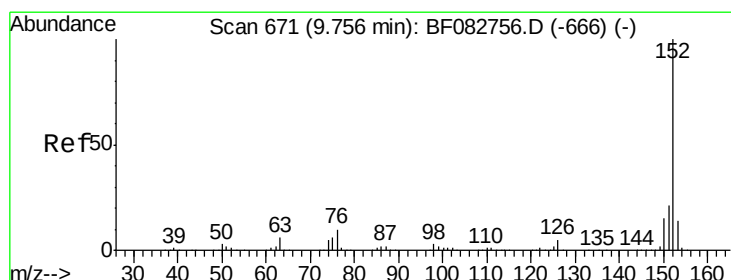
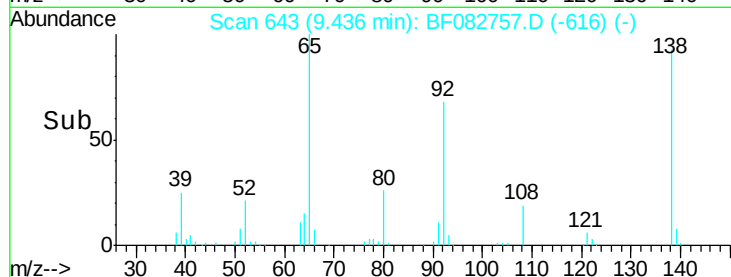
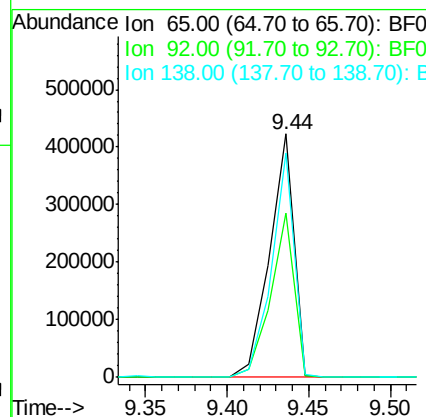
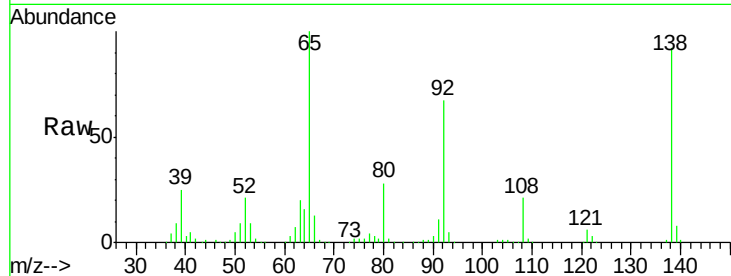




#47
2-Nitroaniline
Concen: 54.16 ng
RT: 9.44 min Scan# 643
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

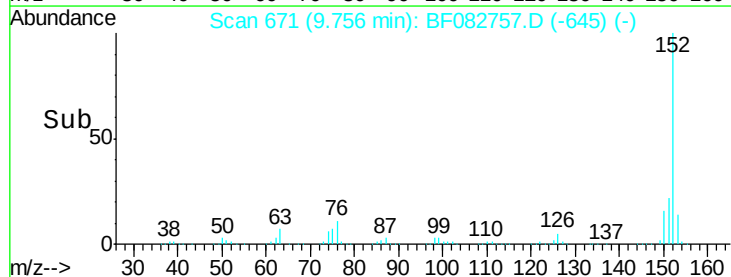
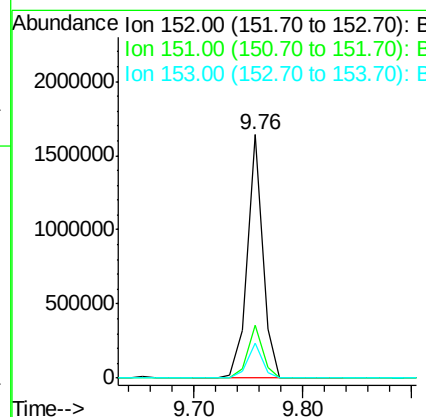
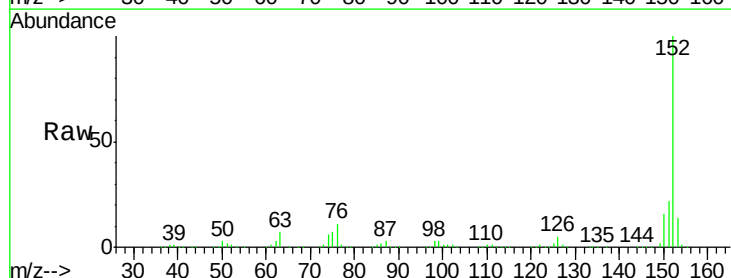
Instrument :
BNA_F
ClientSampleId :

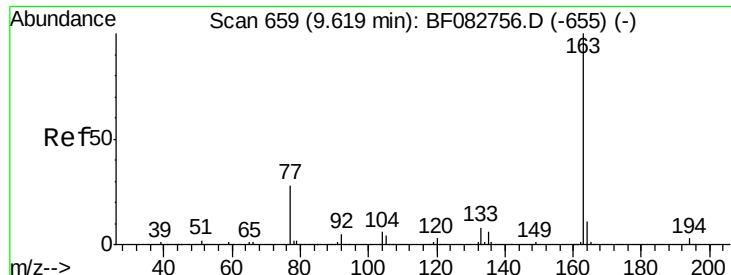
Tot Ion: 65 Resp: 441229
Ion Ratio Lower Upper
65 100
92 67.4 46.6 70.0
138 91.9 54.6 81.8#



#48
Acenaphthylene
Concen: 44.68 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:152 Resp: 1586786
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9
153 14.4 11.3 16.9

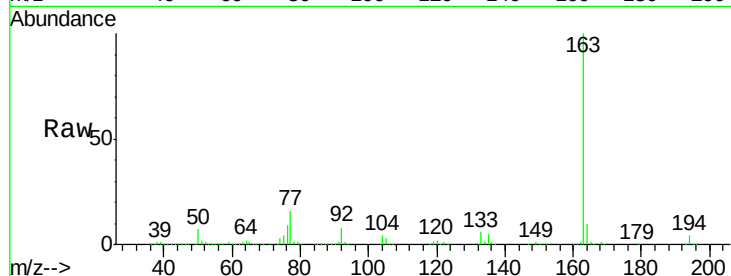




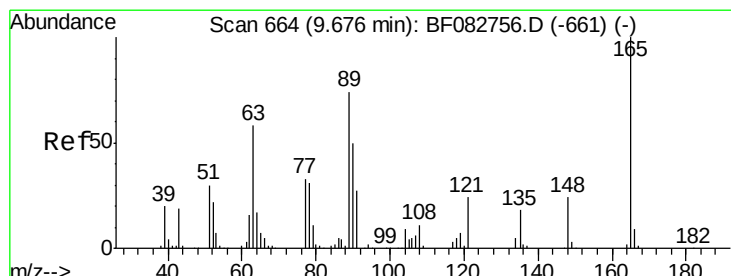
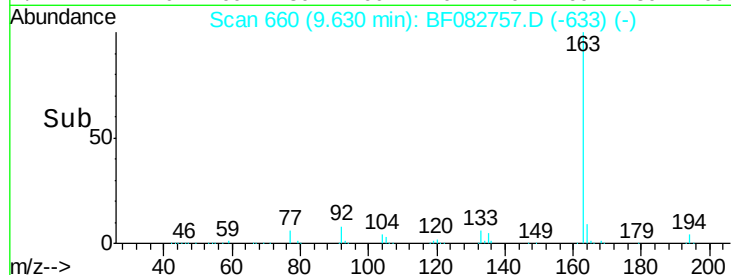
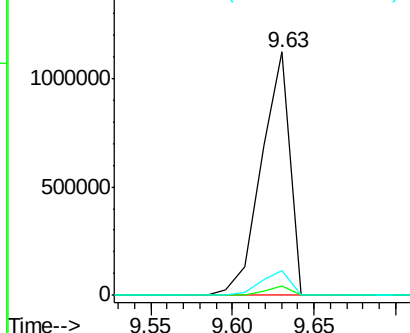
#49
Dimethylphthalate
Concen: 49.62 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1353242
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 10.0 8.7 13.1

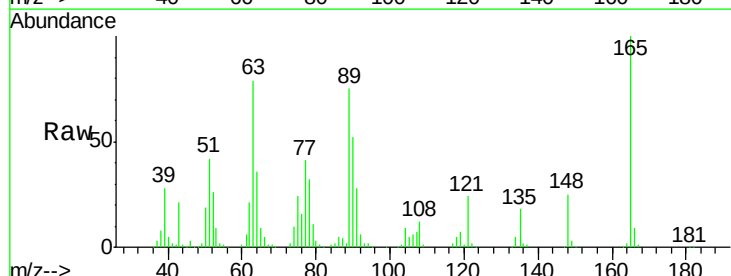


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

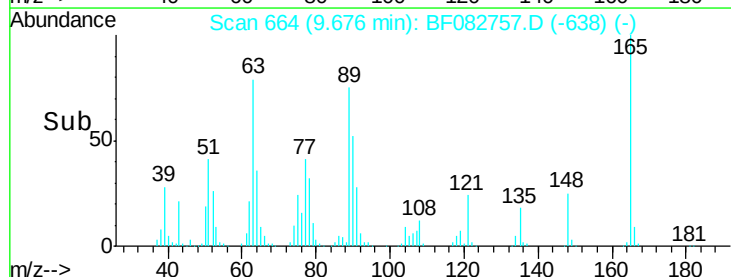
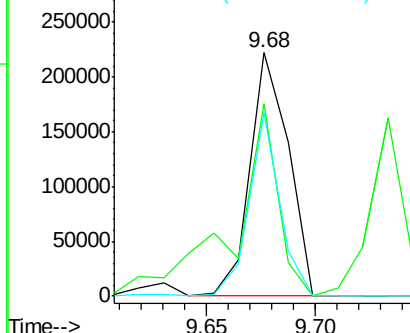


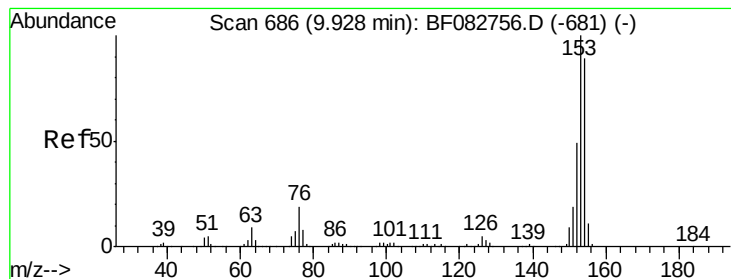
#50
2,6-Dinitrotoluene
Concen: 47.53 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:165 Resp: 272438
Ion Ratio Lower Upper
165 100
63 79.2 55.5 83.3
89 75.4 55.0 82.6



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





#51

Acenaphthene

Concen: 46.67 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

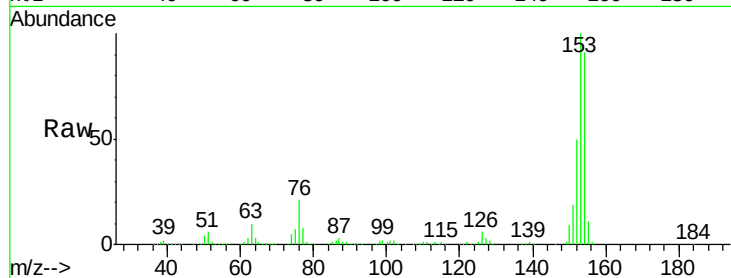
Tot Ion:154 Resp: 1025341

Ion Ratio Lower Upper

154 100

153 110.4 90.1 135.1

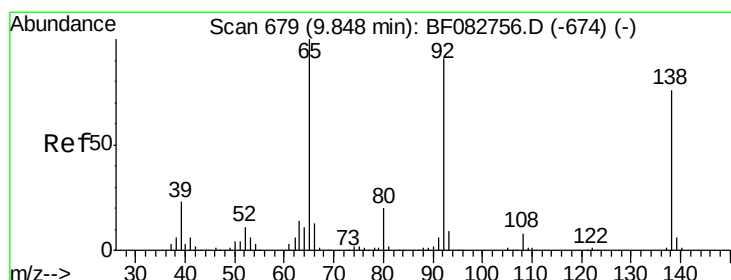
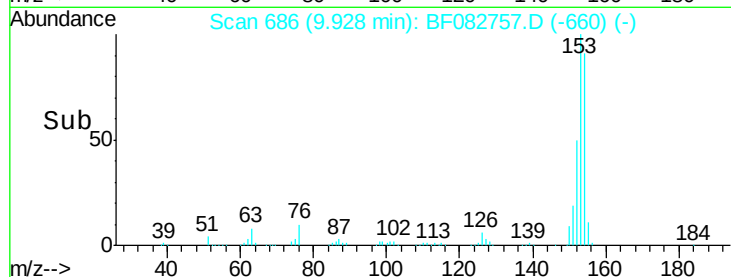
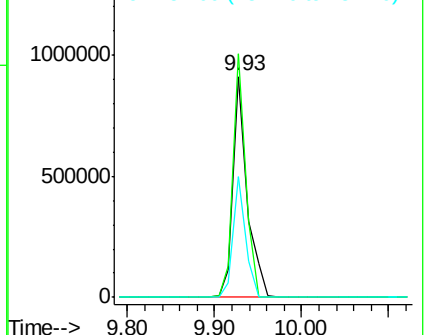
152 54.8 44.3 66.5



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: 46.99 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

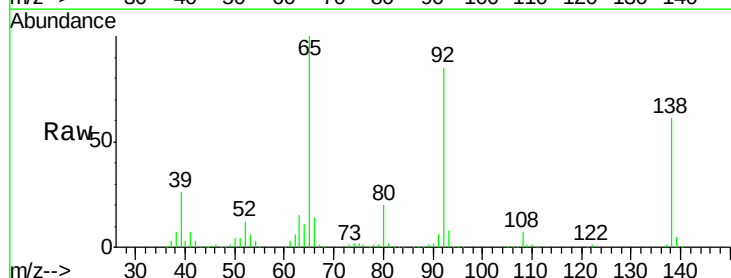
Tgt Ion:138 Resp: 301836

Ion Ratio Lower Upper

138 100

108 11.7 11.3 16.9

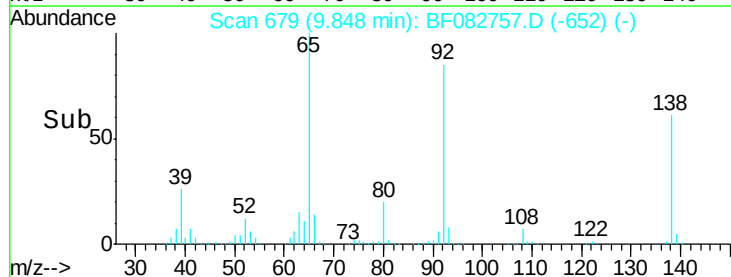
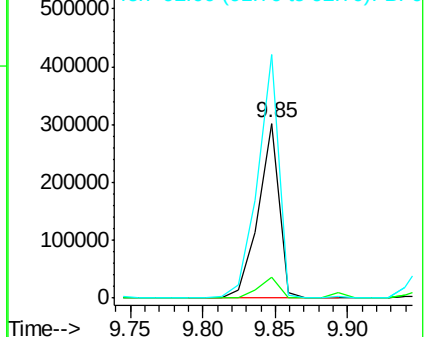
92 139.5 122.4 183.6

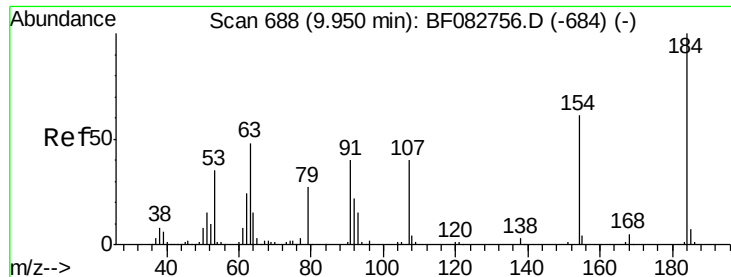


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

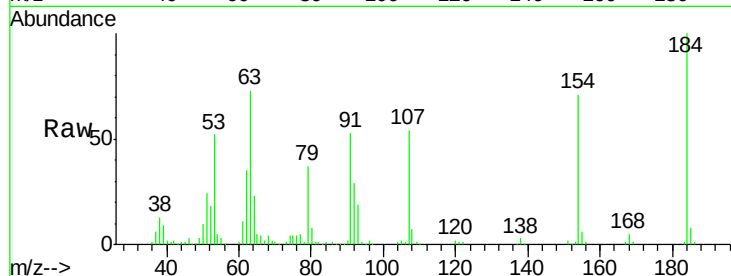




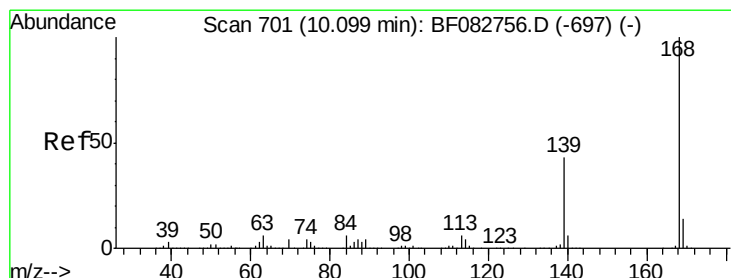
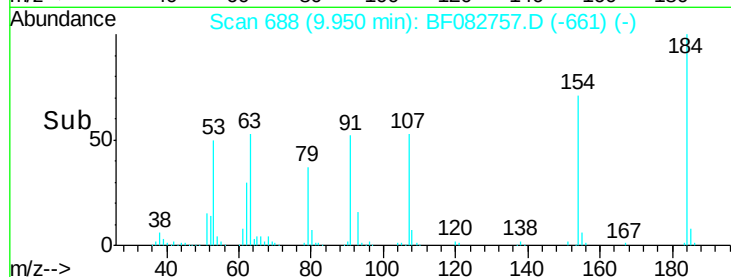
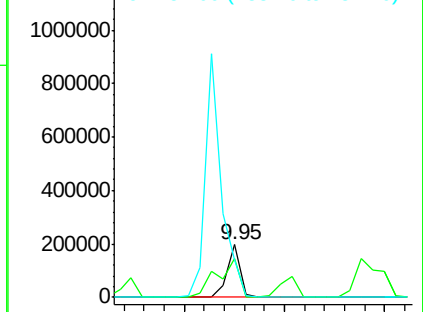
#53
 2,4-Dinitrophenol
 Concen: 64.27 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 176273
 Ion Ratio Lower Upper
 184 100
 63 72.8 98.6 148.0#
 154 71.2 183.9 275.9#

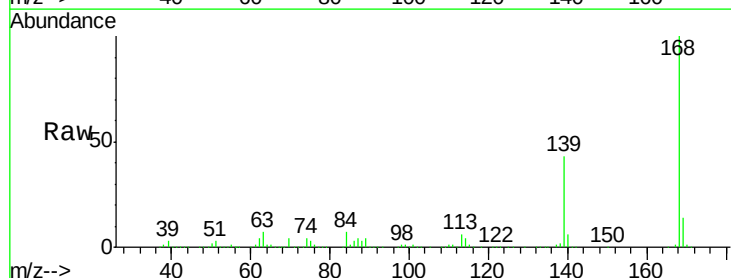


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

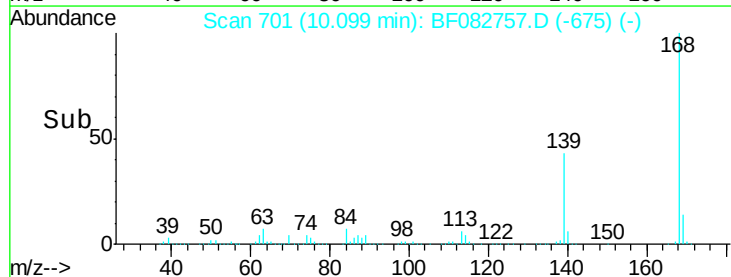
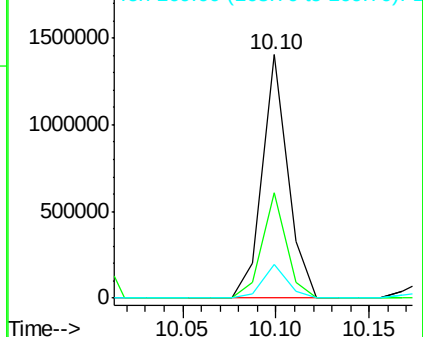


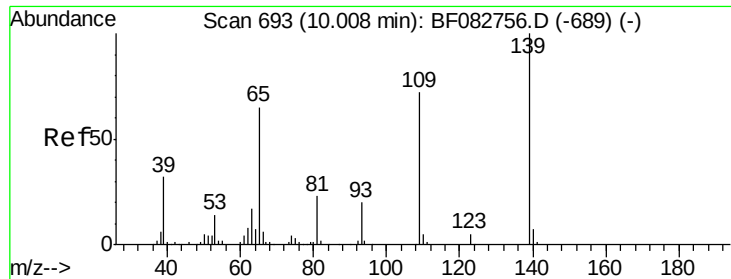
#54
 Dibenzofuran
 Concen: 43.85 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:168 Resp: 1327999
 Ion Ratio Lower Upper
 168 100
 139 43.4 37.8 56.6
 169 14.0 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

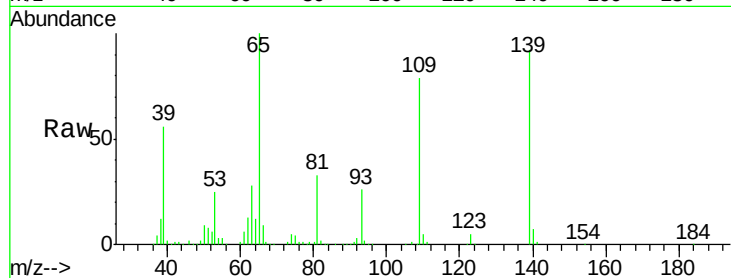




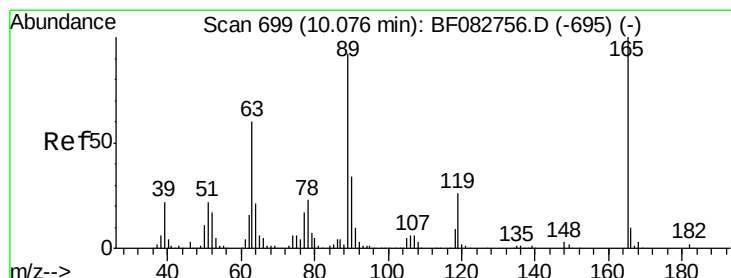
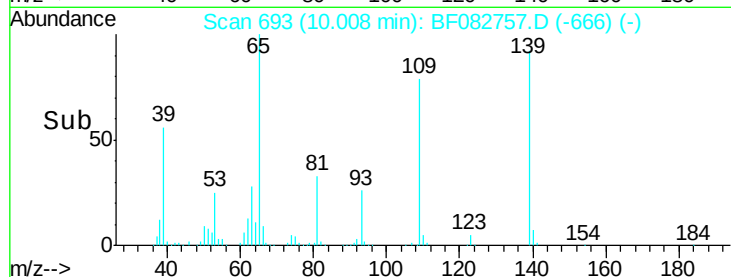
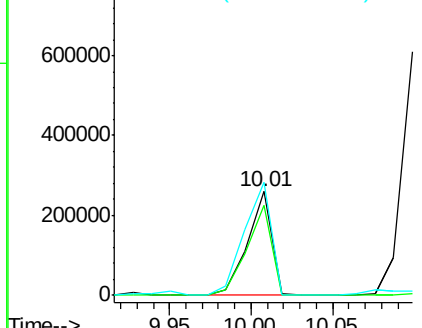
#55
4-Nitrophenol
Concen: 56.89 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 267998
Ion Ratio Lower Upper
139 100
109 86.2 73.7 113.7
65 109.1 82.9 122.9

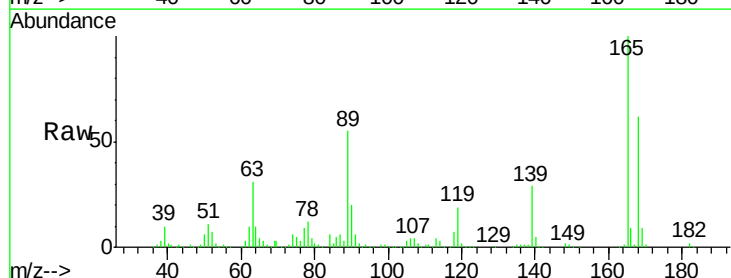


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

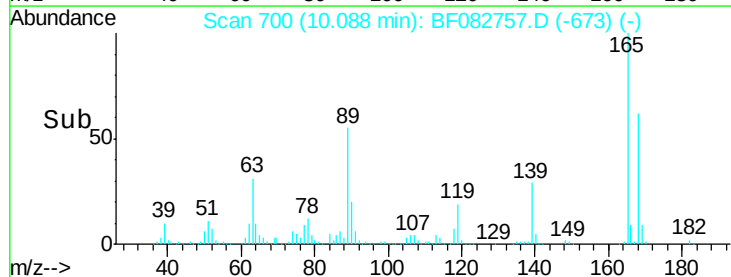
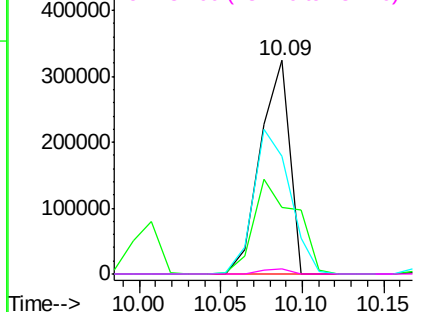


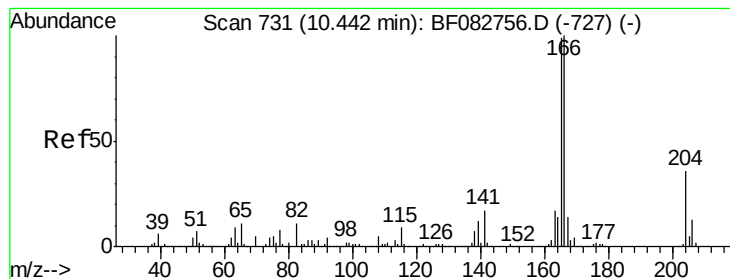
#56
2,4-Dinitrotoluene
Concen: 52.39 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:165 Resp: 404688
Ion Ratio Lower Upper
165 100
63 31.0 43.4 65.0#
89 55.4 70.6 106.0#
182 2.5 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: 42.95 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

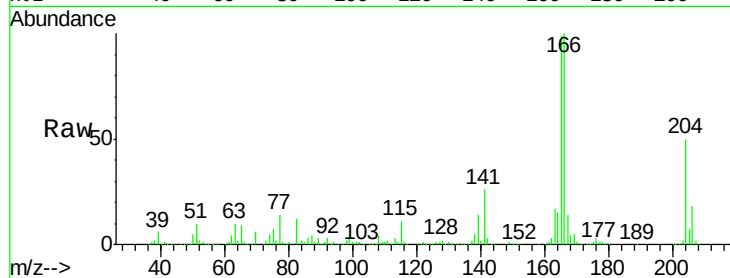
Tot Ion:166 Resp: 1063368

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

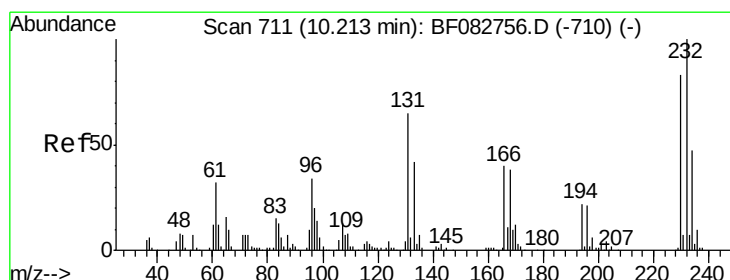
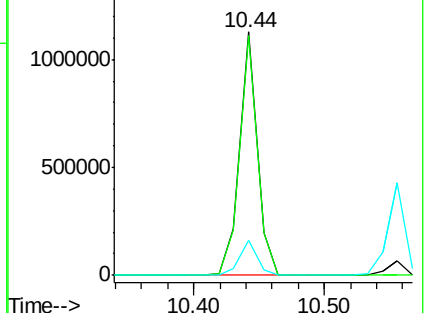
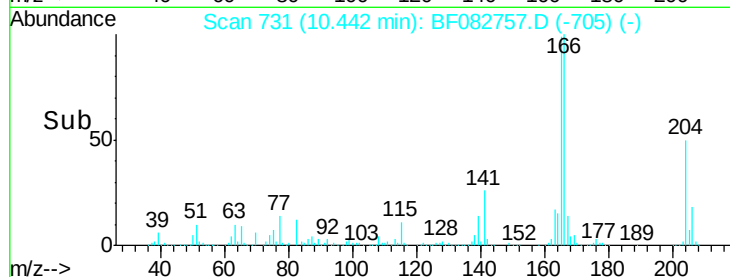
167 14.3 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.85 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Tgt Ion:232 Resp: 313929

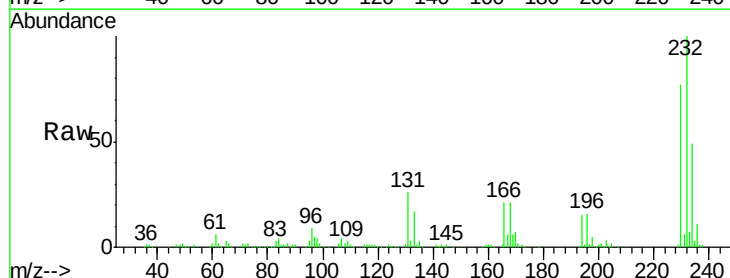
Ion Ratio Lower Upper

232 100

131 46.8 46.2 69.2

130 2.4 2.4 3.6#

166 31.7 28.2 42.2

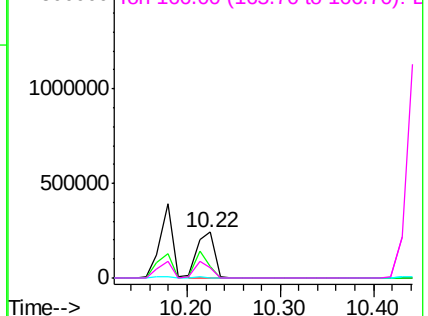
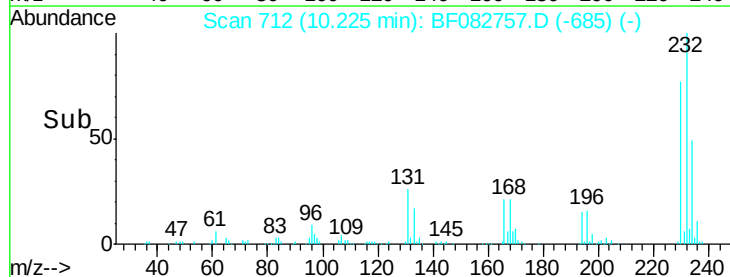


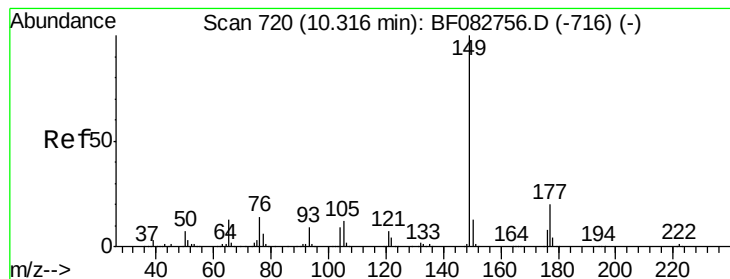
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.44 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

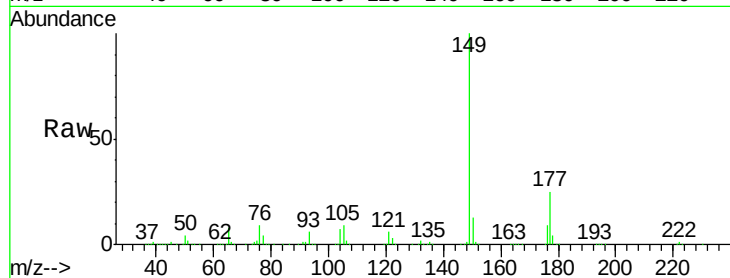
Tot Ion:149 Resp: 1320552

Ion Ratio Lower Upper

149 100

177 24.6 17.9 26.9

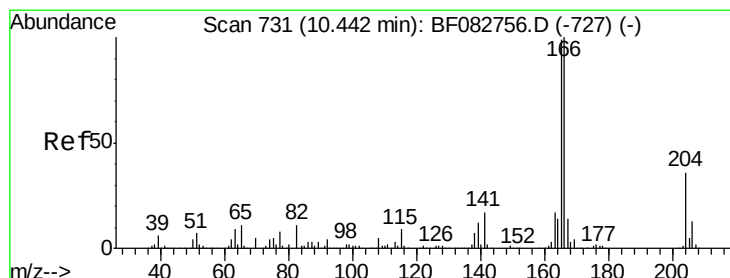
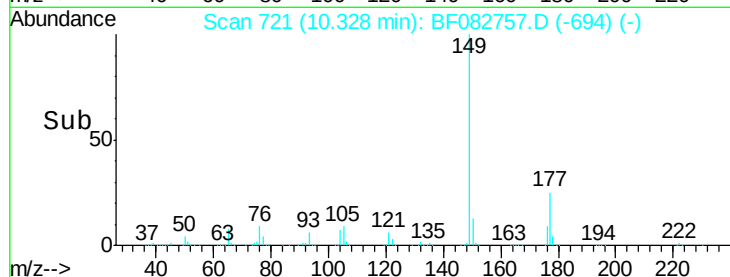
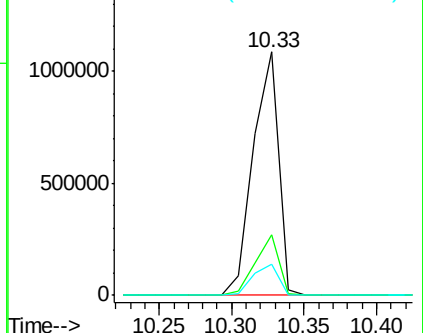
150 12.7 10.1 15.1



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: 49.37 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

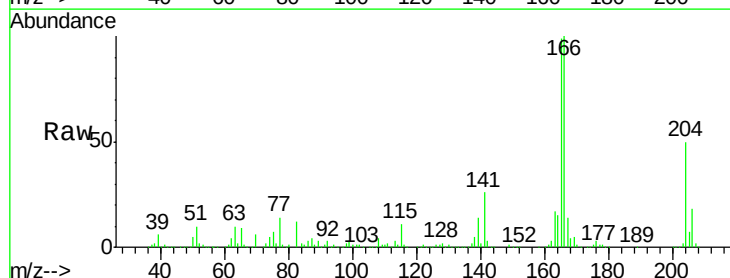
Tgt Ion:204 Resp: 588279

Ion Ratio Lower Upper

204 100

206 35.7 28.5 42.7

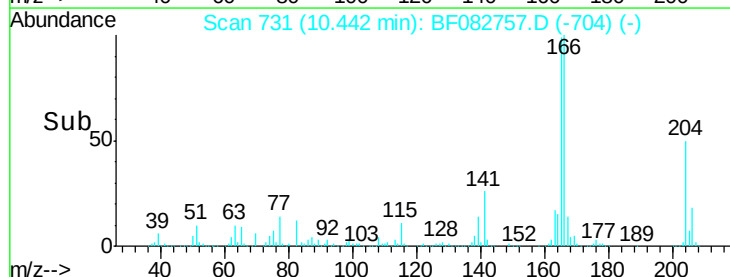
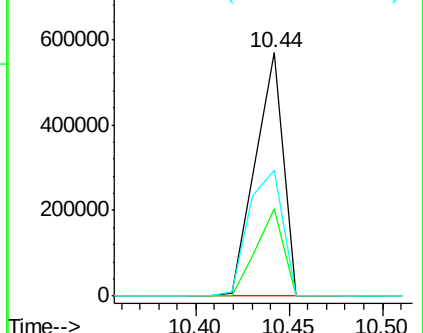
141 51.6 44.6 66.8

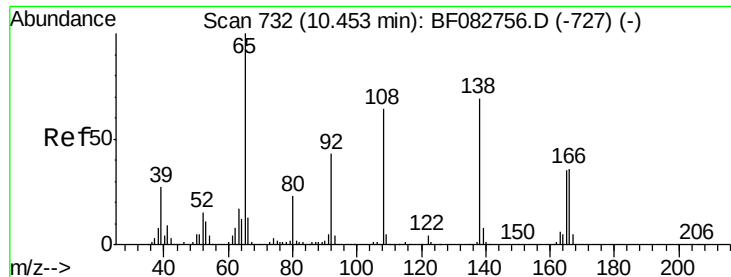


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.42 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

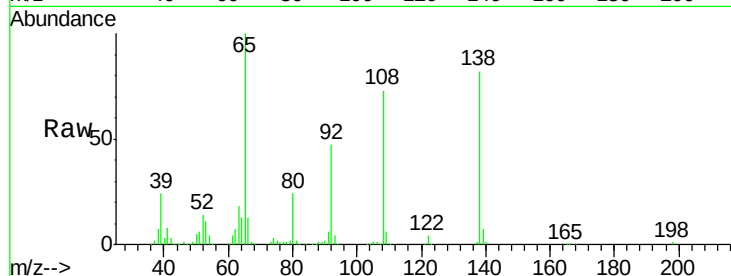
Tot Ion:138 Resp: 333791

Ion Ratio Lower Upper

138 100

92 57.1 45.8 85.8

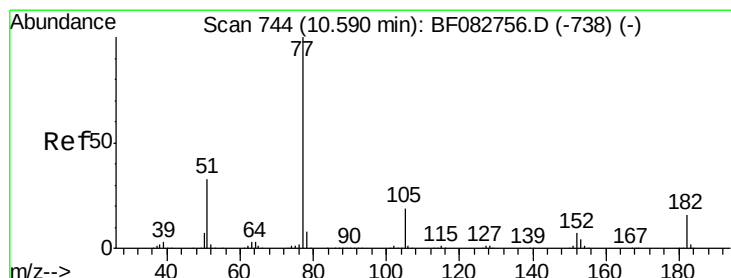
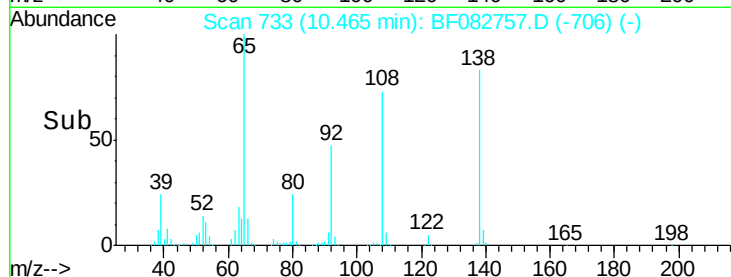
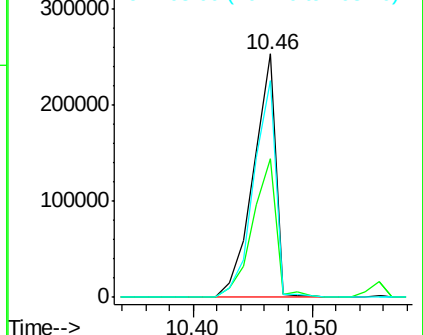
108 88.9 89.4 129.4#



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: 51.88 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Tgt Ion: 77 Resp: 1427350

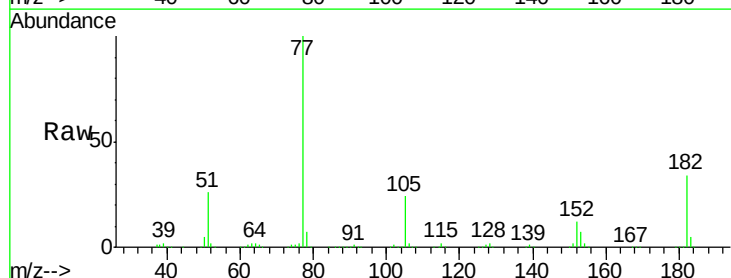
Ion Ratio Lower Upper

77 100

182 33.9 9.3 49.3

105 23.9 2.6 42.6

51 25.7 9.9 49.9

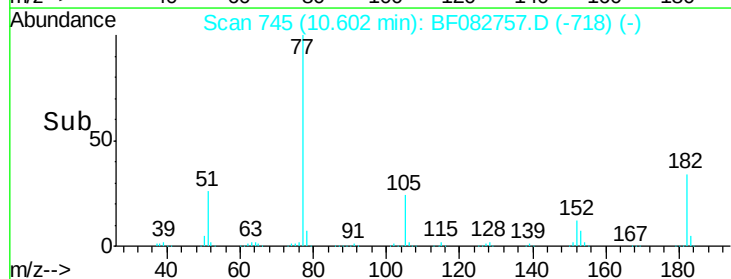
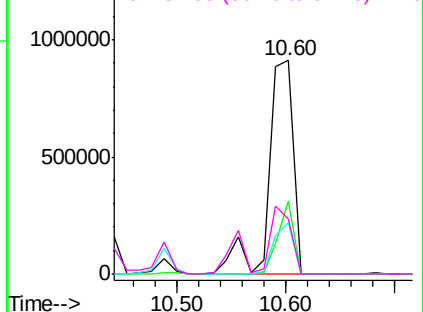


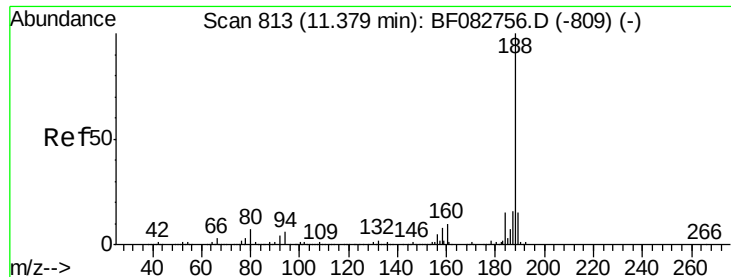
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

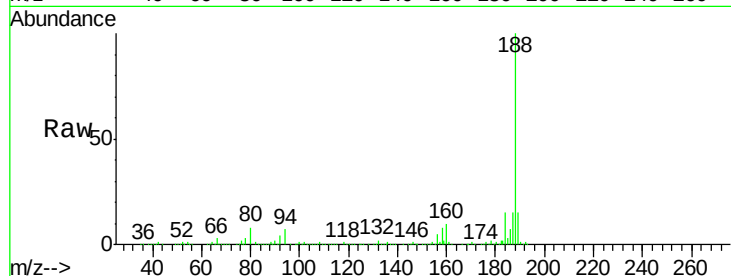
Tot Ion:188 Resp: 626890

Ion Ratio Lower Upper

188 100

94 6.6 6.1 9.1

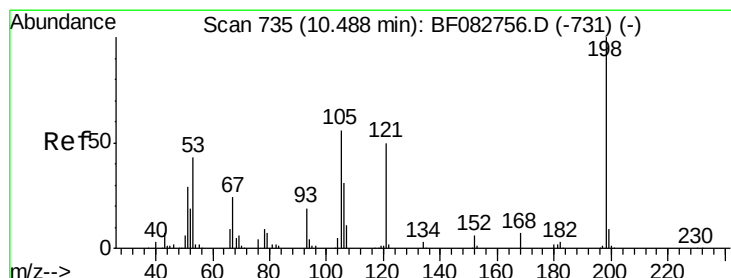
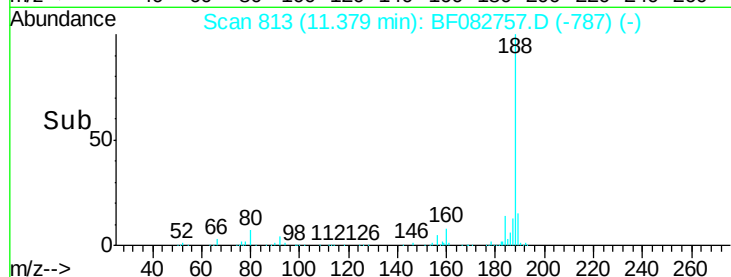
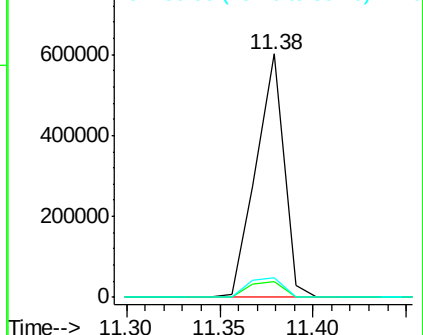
80 8.0 7.0 10.6



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: 49.28 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

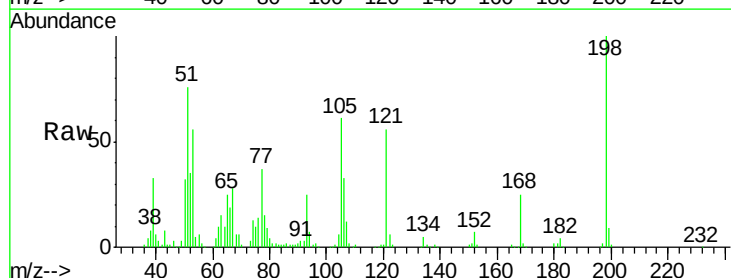
Tgt Ion:198 Resp: 216070

Ion Ratio Lower Upper

198 100

51 76.4 17.3 57.3#

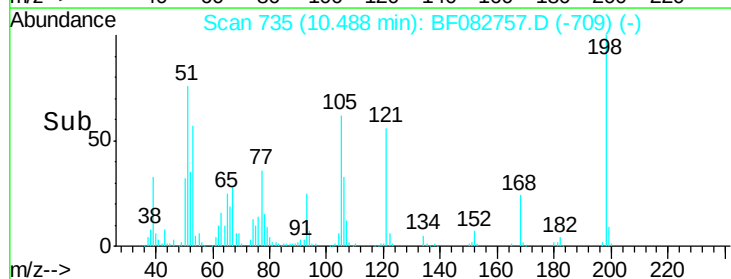
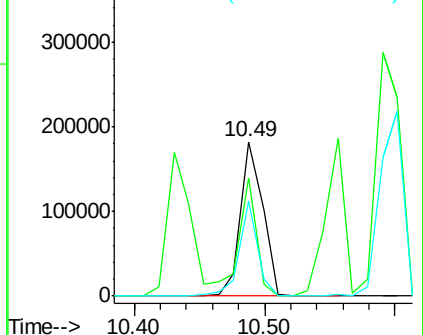
105 61.5 21.7 61.7

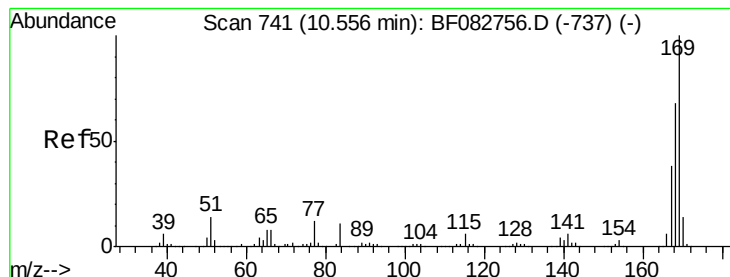


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

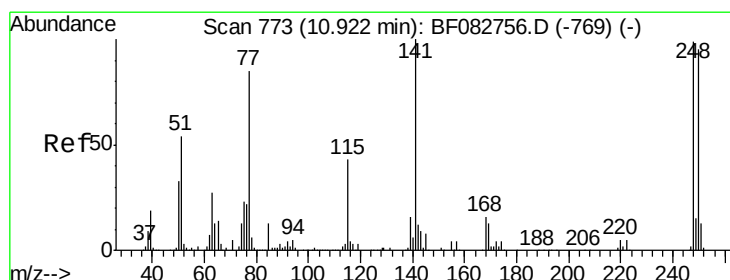
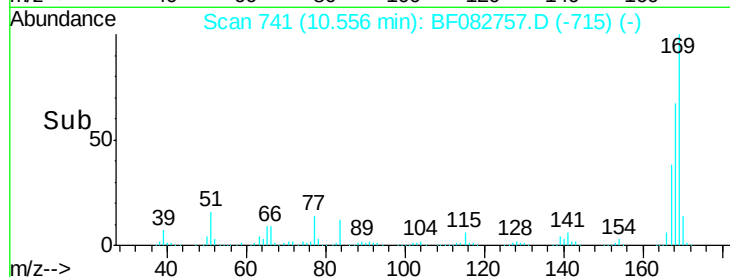
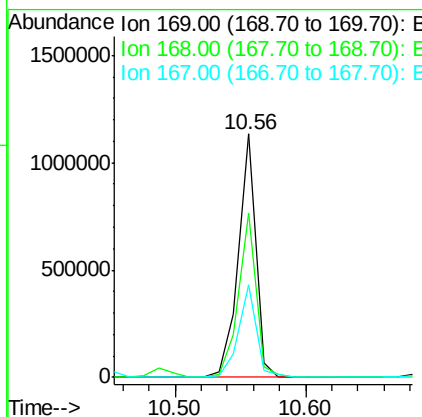
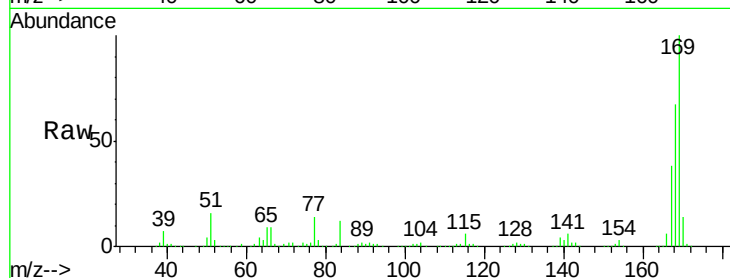




#65
 n-Nitrosodiphenylamine
 Concen: 43.48 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

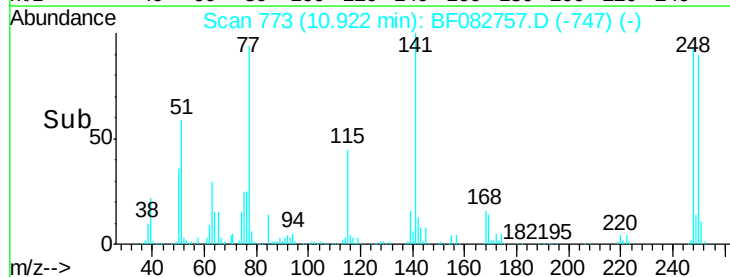
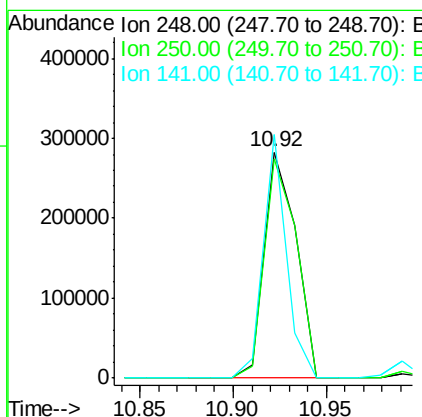
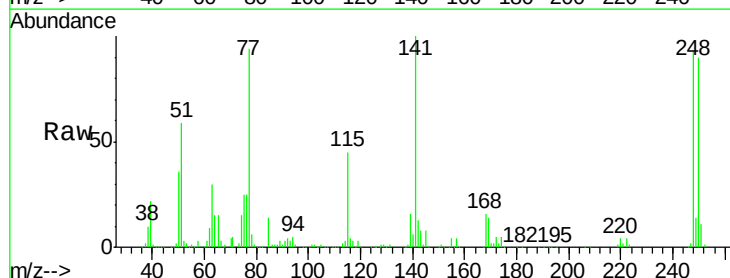
Instrument :
 BNA_F
 ClientSampleId :

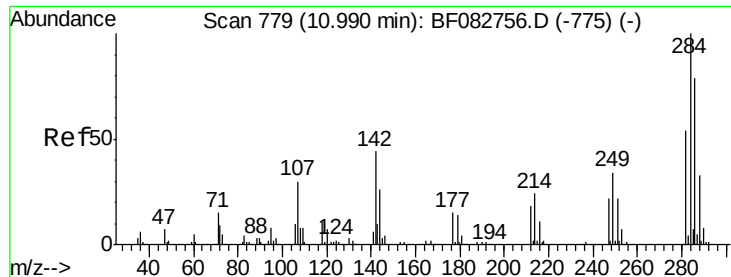
Tot Ion:169 Resp: 1044283
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.0 82.6
 167 38.0 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 42.82 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:248 Resp: 336500
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 107.6 36.3 54.5#

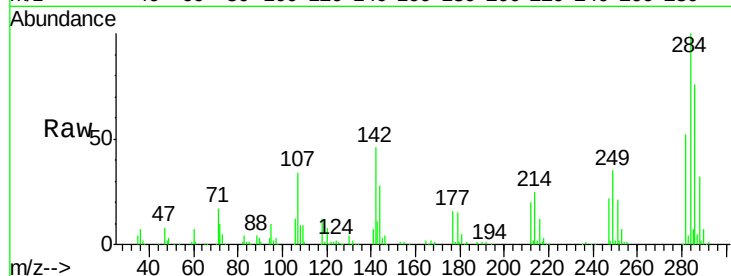




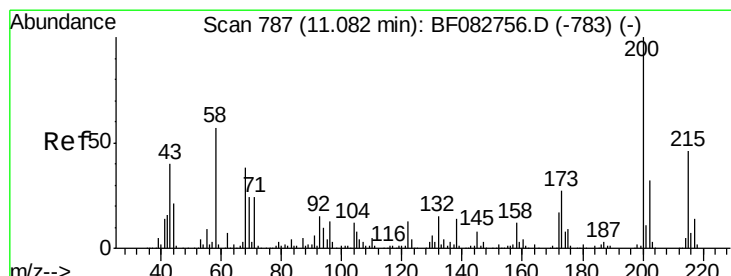
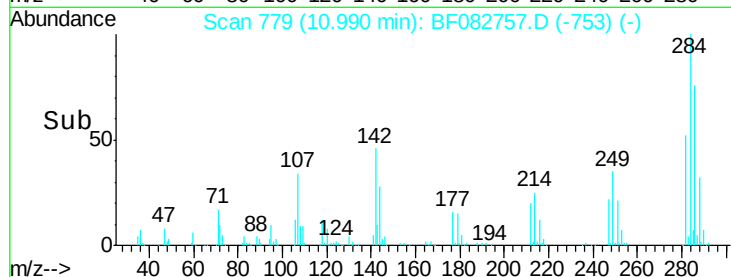
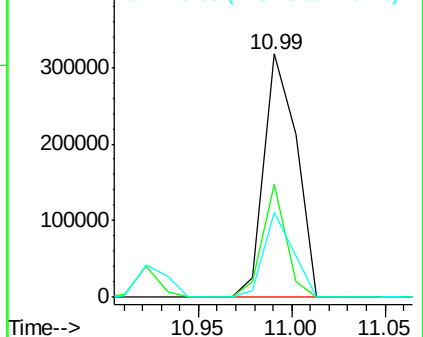
#67
Hexachlorobenzene
Concen: 44.05 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.4	47.9	71.9
249	34.9	29.7	44.5

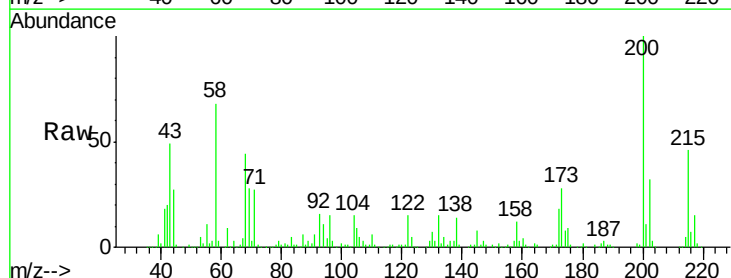


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

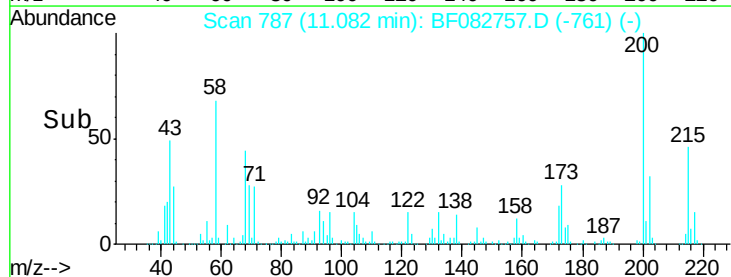
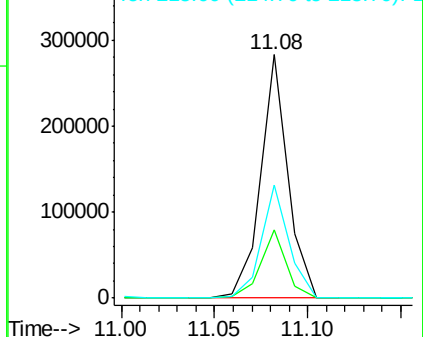


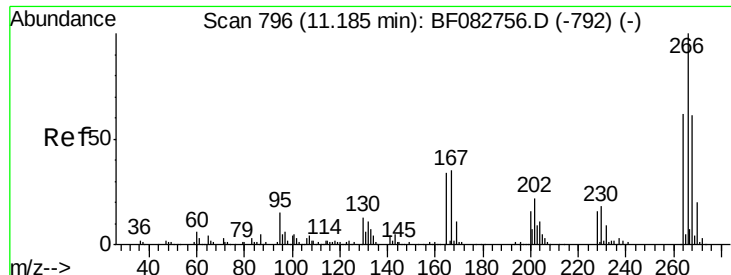
#68
Atrazine
Concen: 38.61 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.9	46.9
215	46.3	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

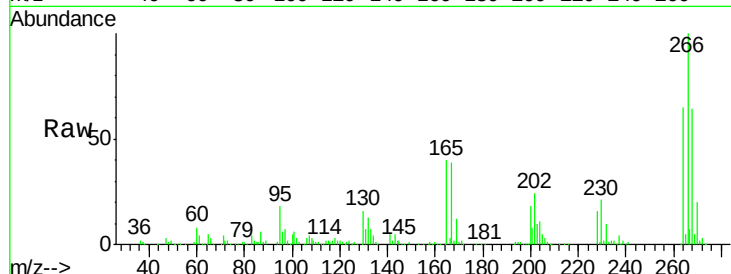




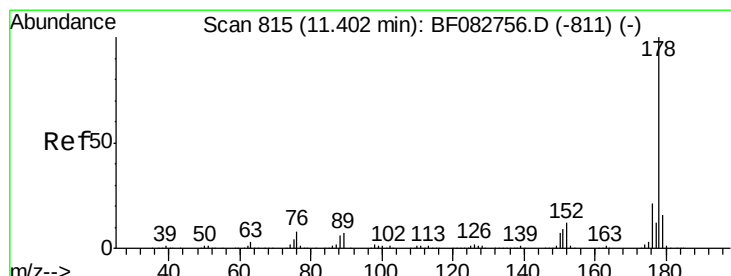
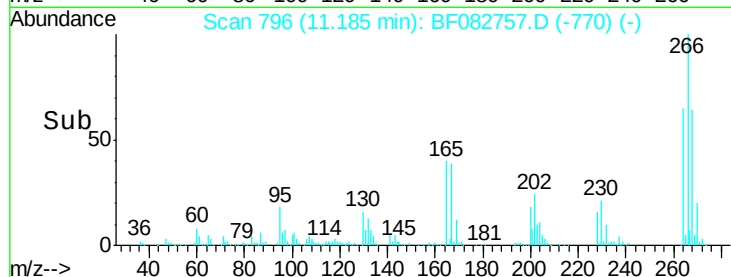
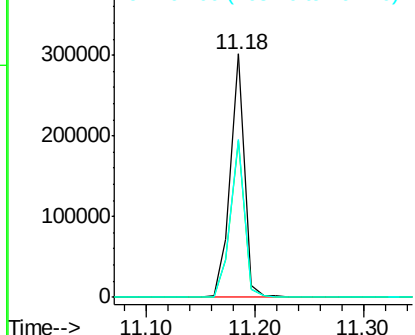
#69
 Pentachlorophenol
 Concen: 54.75 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 272073
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 64.9 50.6 75.8

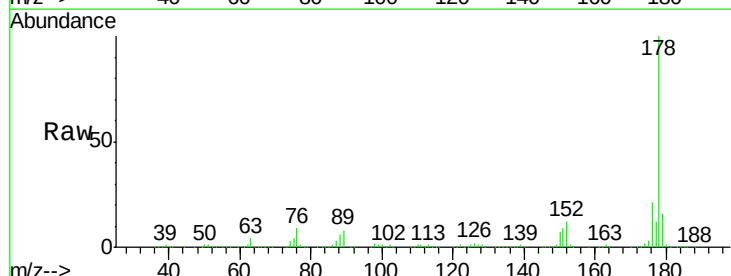


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

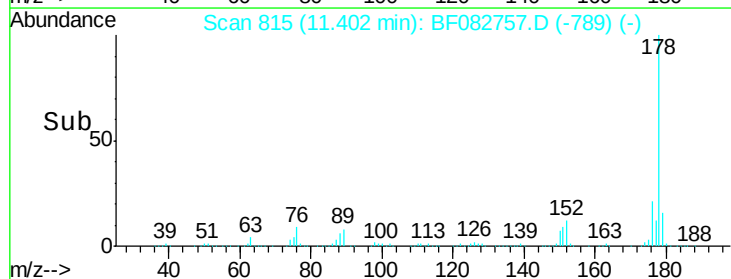
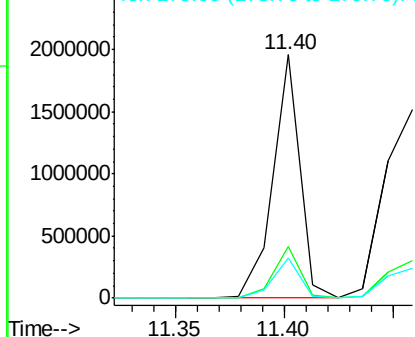


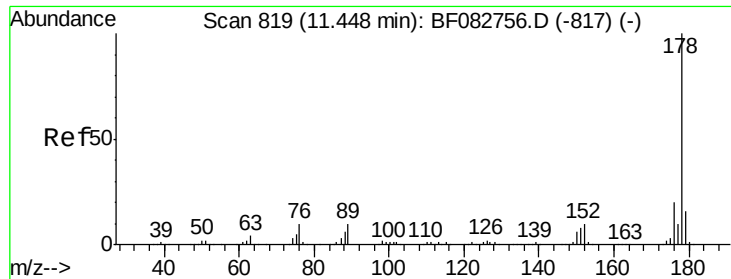
#70
 Phenanthrene
 Concen: 43.44 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:178 Resp: 1704163
 Ion Ratio Lower Upper
 178 100
 176 21.0 17.0 25.4
 179 16.3 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

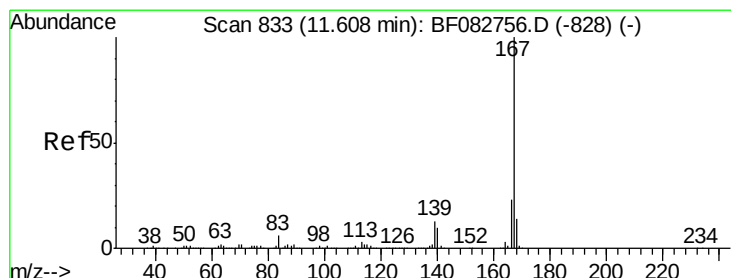
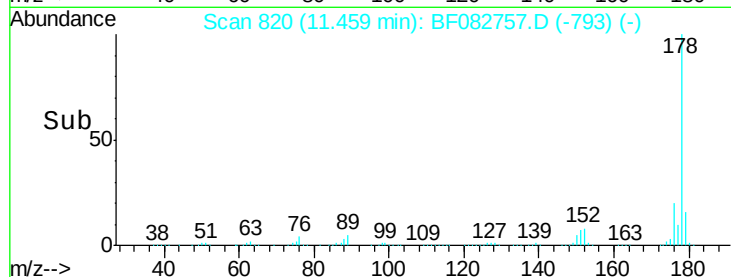
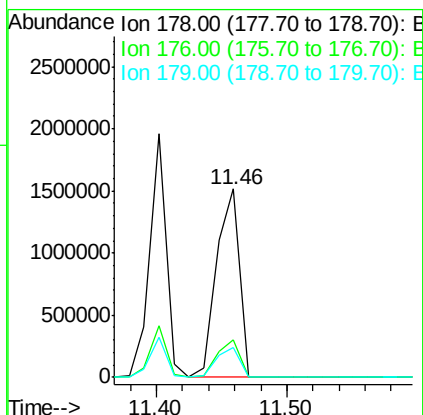
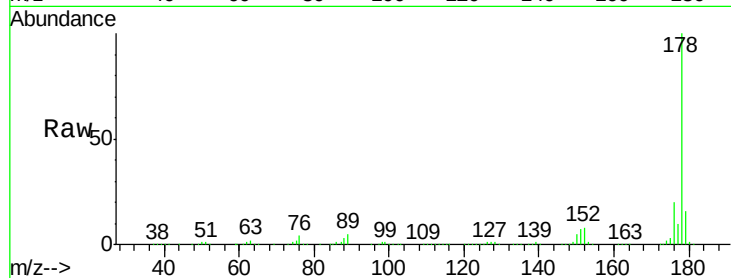




#71
 Anthracene
 Concen: 46.24 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

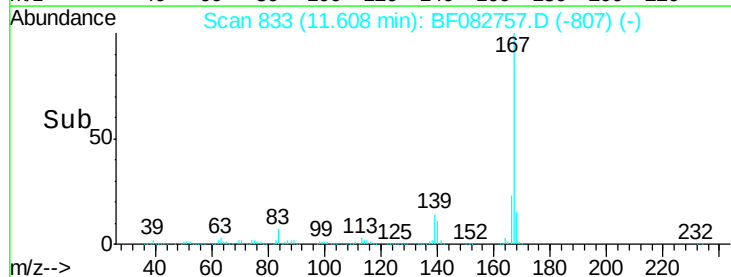
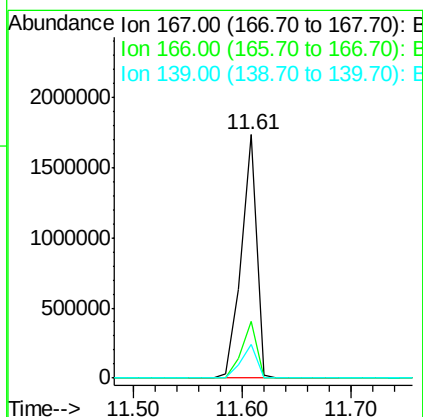
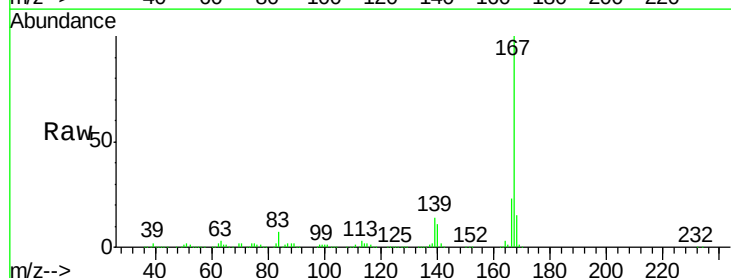
Instrument :
 BNA_F
 ClientSampled :

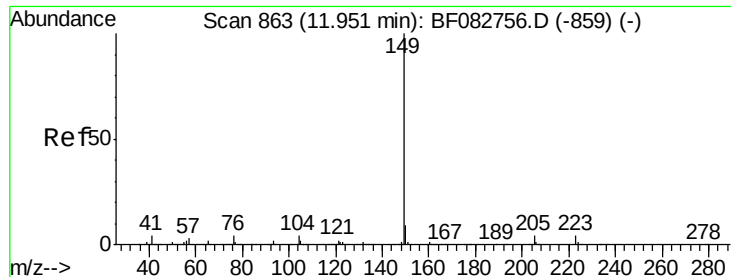
Tot Ion:178 Resp: 1853177
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 15.7 13.2 19.8



#72
 Carbazole
 Concen: 45.83 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:167 Resp: 1662041
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.7 28.1
 139 14.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 48.15 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

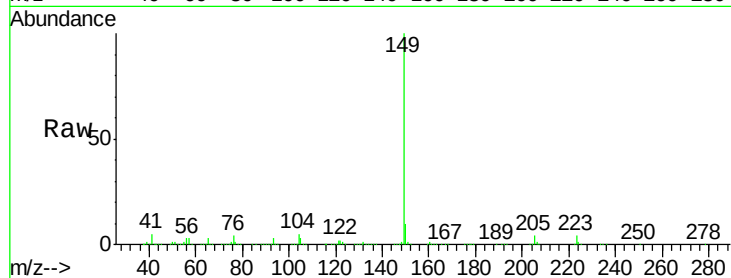
Tot Ion:149 Resp: 2056100

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

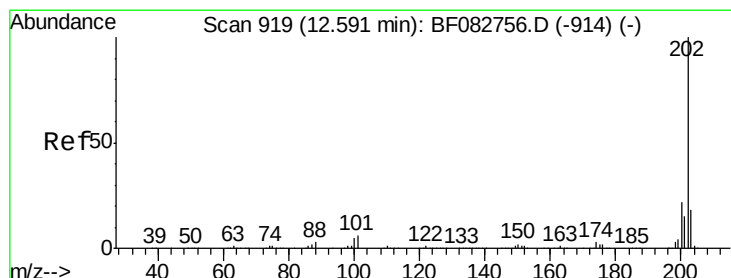
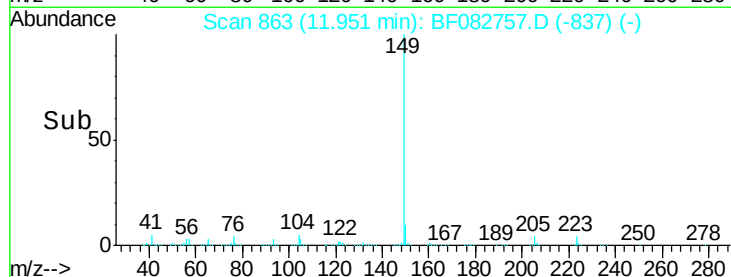
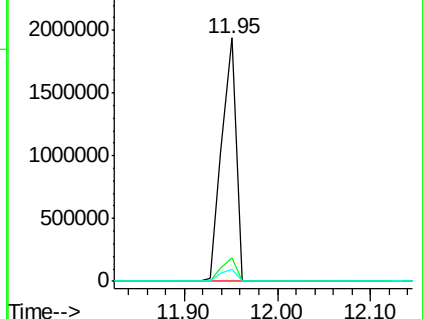
104 4.7 5.2 7.8#



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: 46.72 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

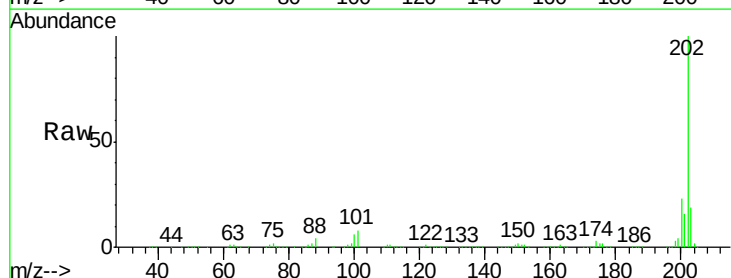
Tgt Ion:202 Resp: 1941104

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.5

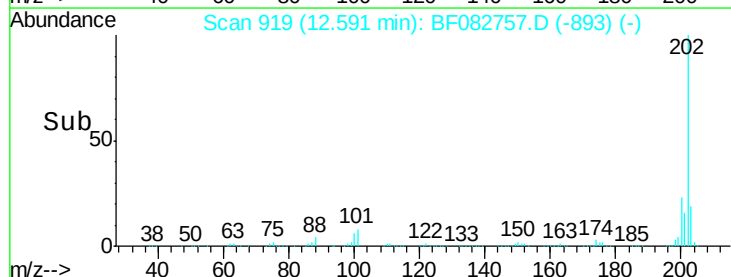
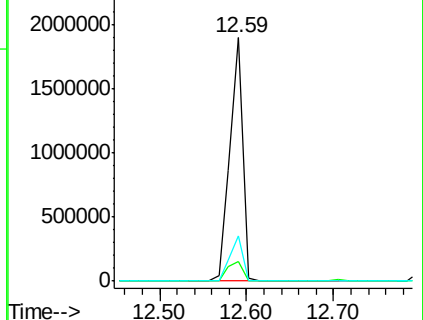
203 18.7 0.0 38.5

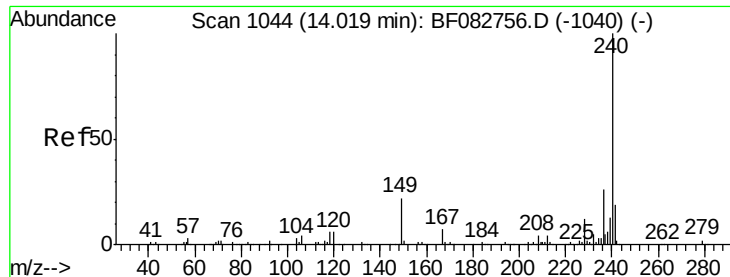


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampleId :

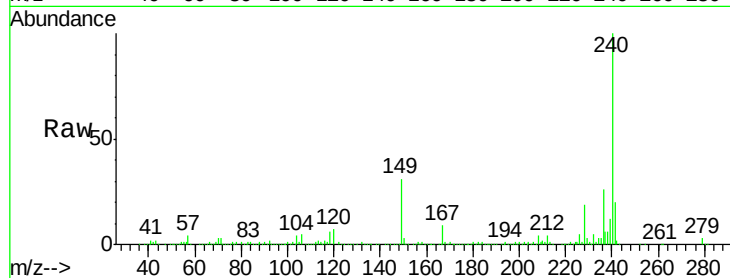
Tot Ion:240 Resp: 571443

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

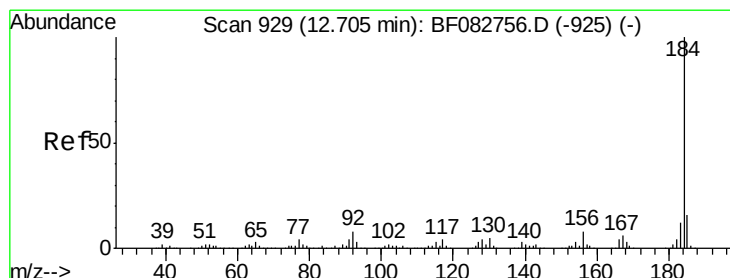
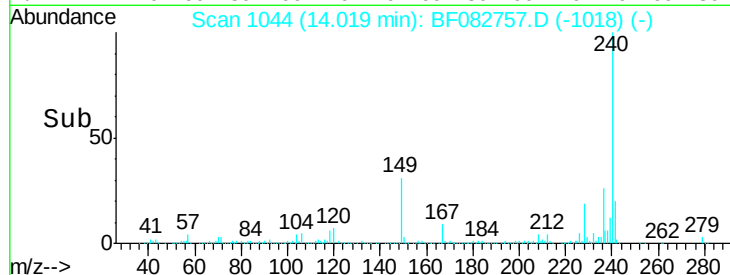
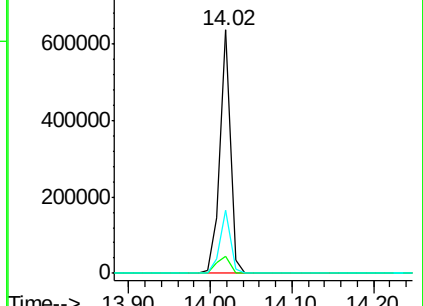
236 26.0 21.6 32.4



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: 42.81 ng

RT: 12.70 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

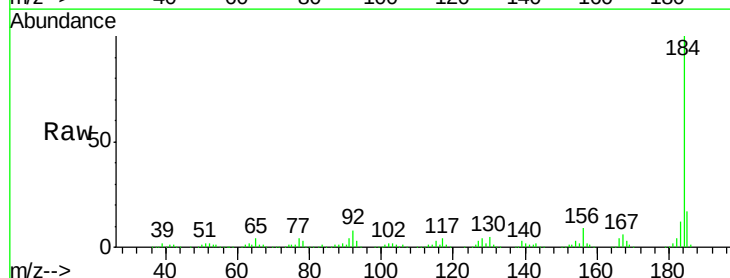
Tgt Ion:184 Resp: 895689

Ion Ratio Lower Upper

184 100

185 16.6 12.0 18.0

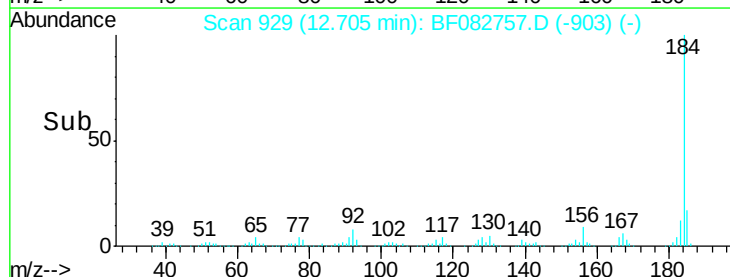
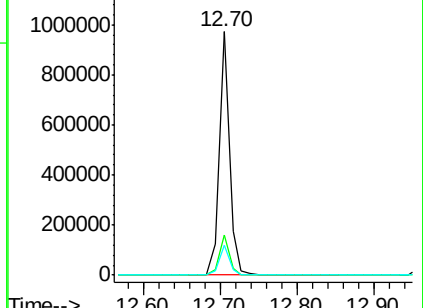
183 12.2 9.6 14.4

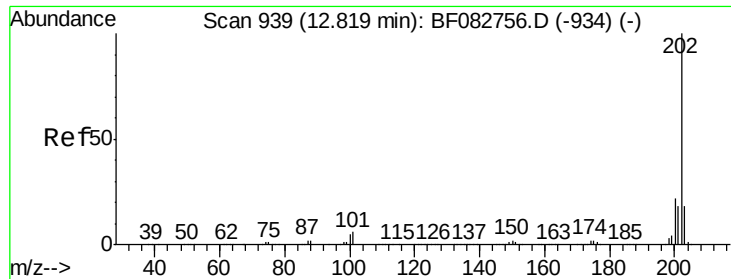


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

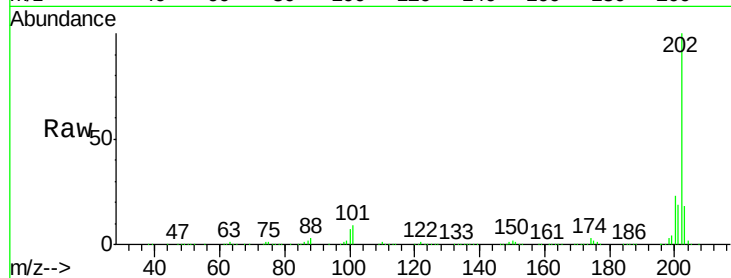




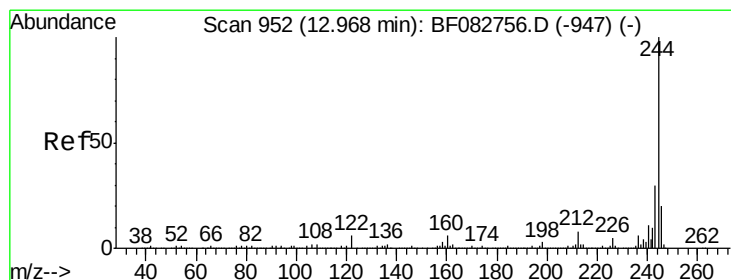
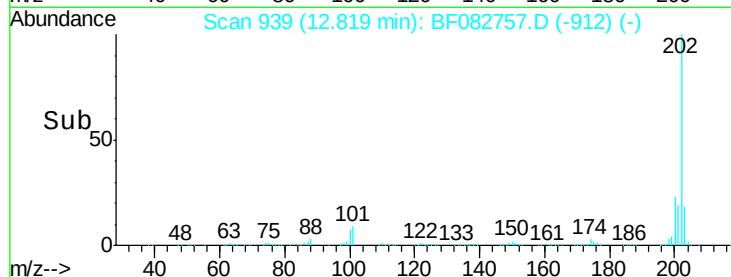
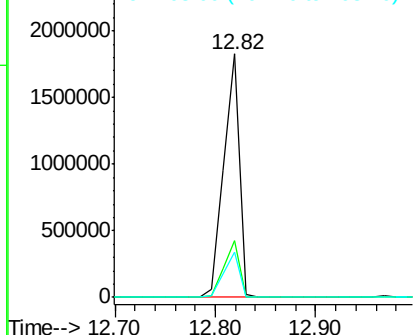
#77
Pvrene
Concen: 48.03 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1967001
Ion Ratio Lower Upper
202 100
200 23.4 18.7 28.1
203 18.5 14.8 22.2

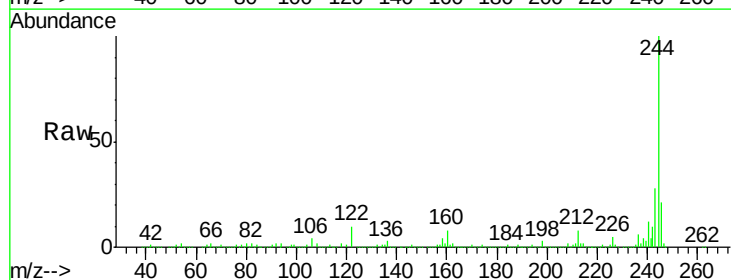


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

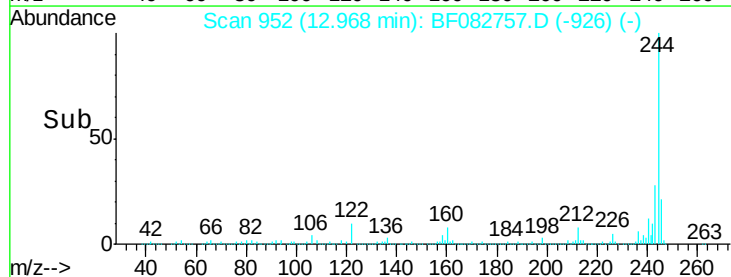
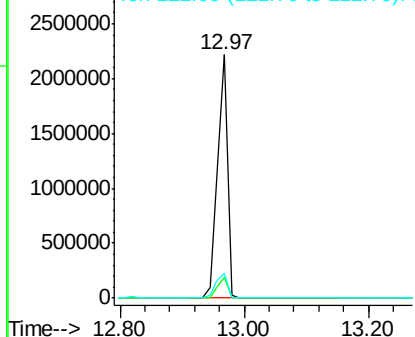


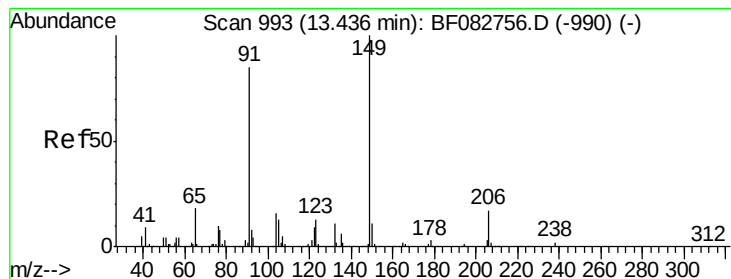
#78
Terphenyl-d14
Concen: 45.34 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:244 Resp: 2350391
Ion Ratio Lower Upper
244 100
212 8.4 7.6 11.4
122 10.1 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: 46.37 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

Instrument :

BNA_F

ClientSampled :

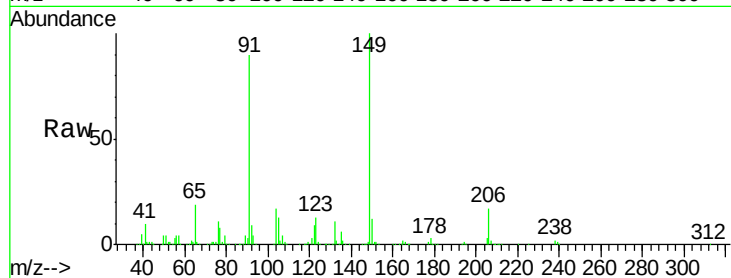
Tot Ion:149 Resp: 806039

Ion Ratio Lower Upper

149 100

91 90.2 67.7 101.5

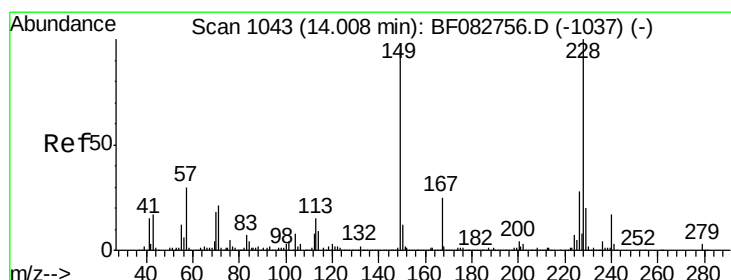
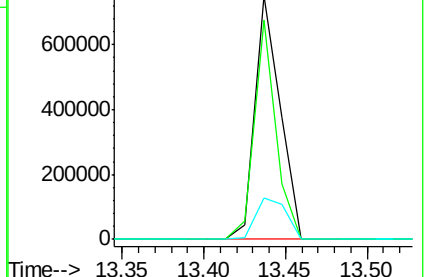
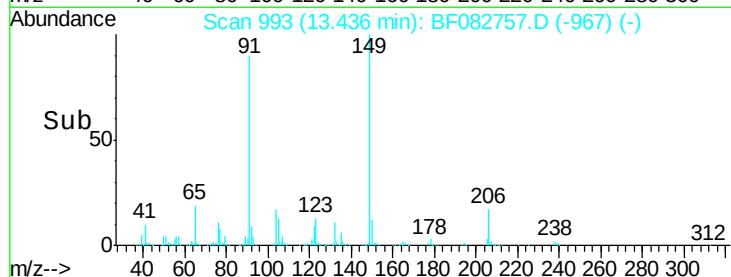
206 17.2 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.36 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082757.D

Acq: 6 Nov 2015 12:58

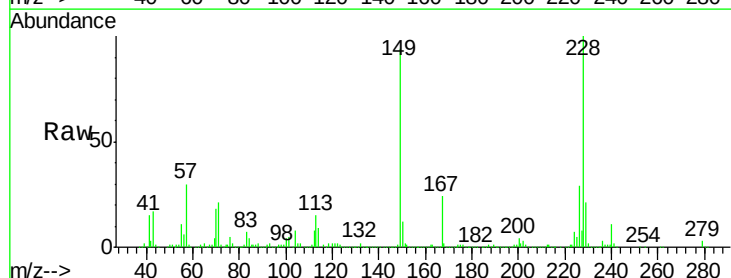
Tgt Ion:228 Resp: 1647133

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

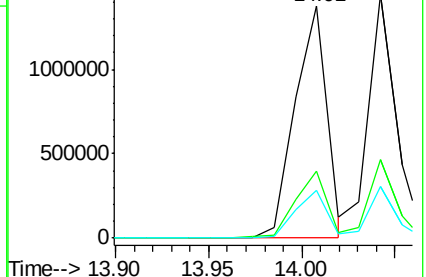
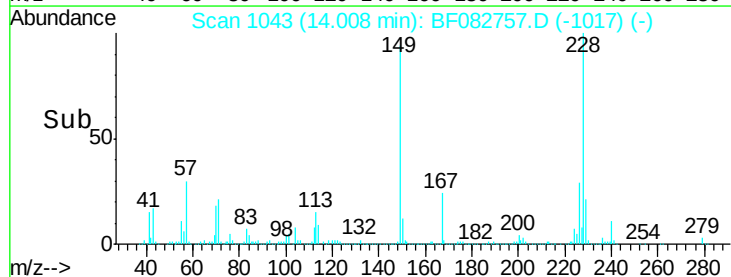
229 20.6 16.3 24.5

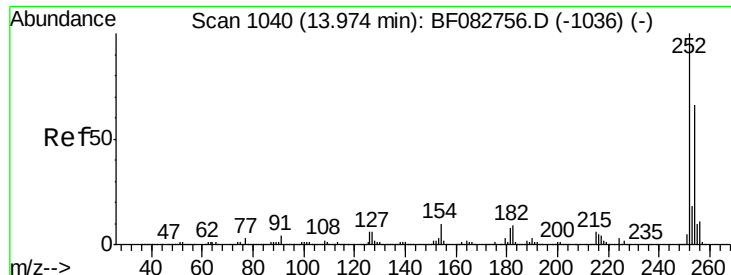


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

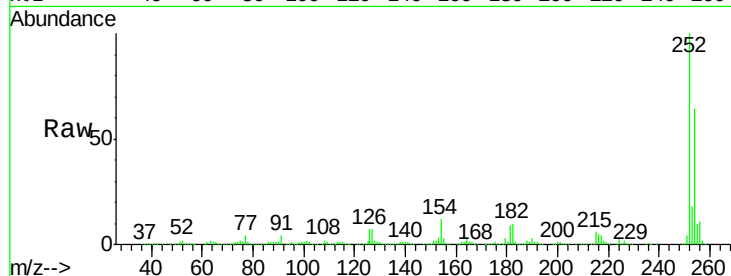




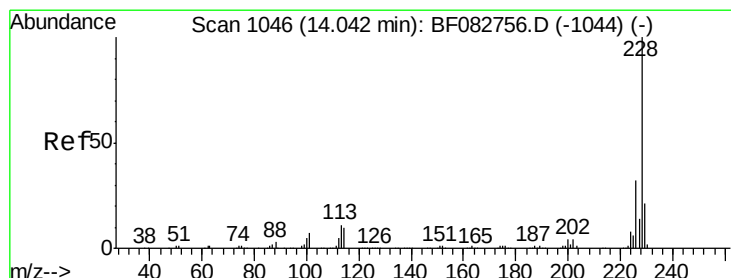
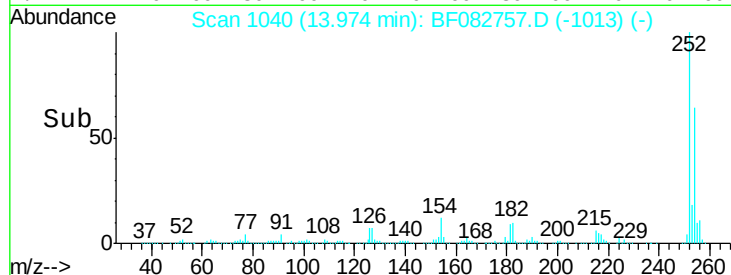
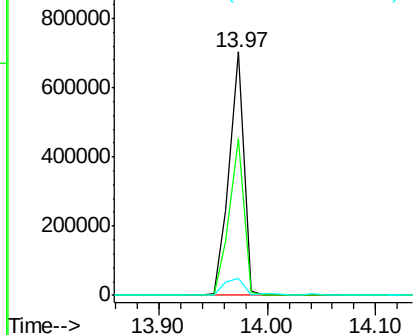
#81
 3,3'-Dichlorobenzidine
 Concen: 50.93 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 664331
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.4 77.0
 126 7.2 10.7 16.1#

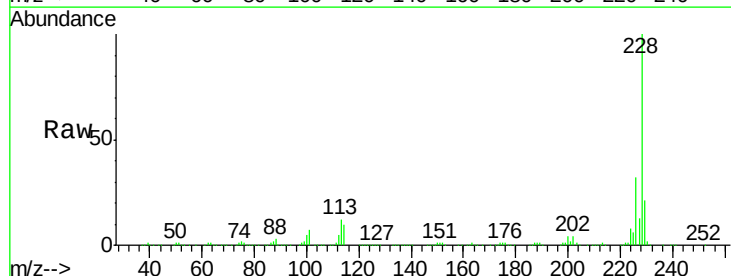


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

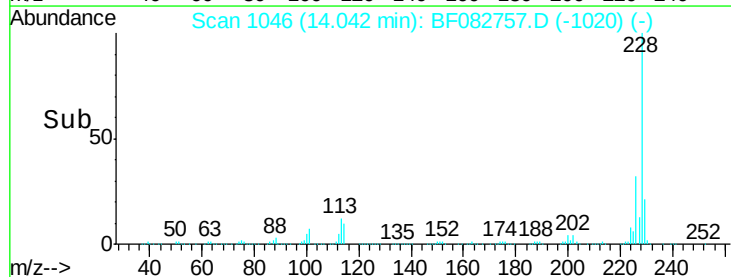
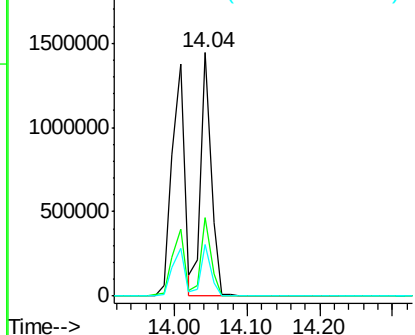


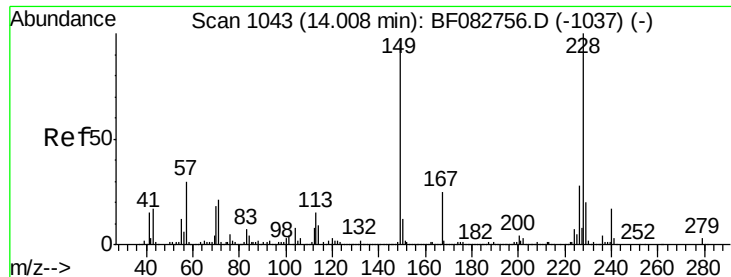
#82
 Chrysene
 Concen: 42.02 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:228 Resp: 1456414
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.5 38.3
 229 21.1 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

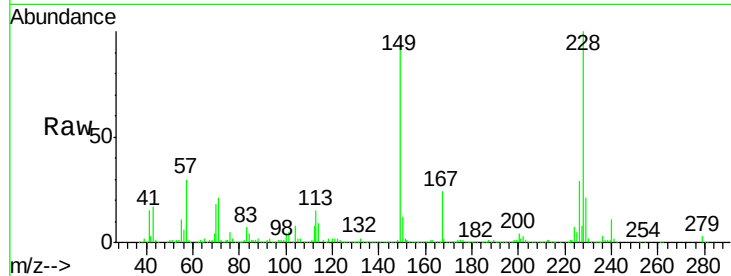




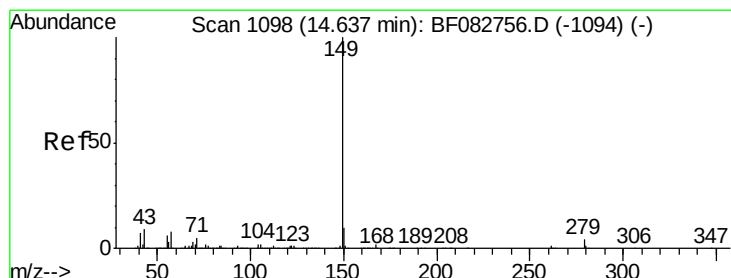
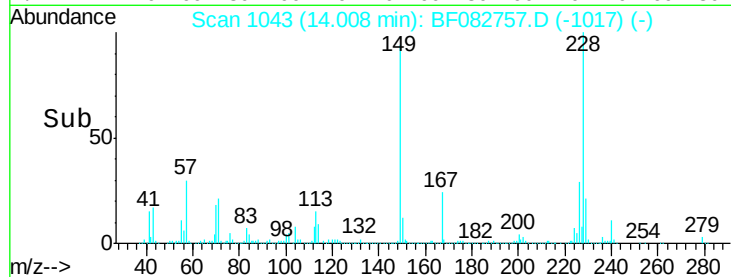
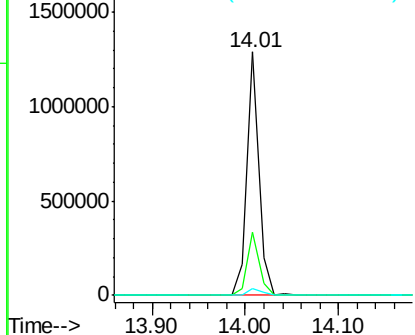
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.54 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1141267
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.2 31.8
 279 2.8 2.2 3.2

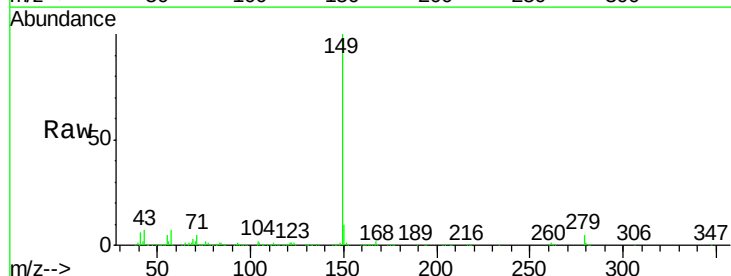


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

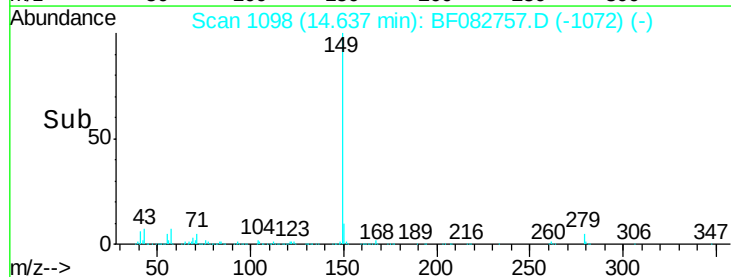
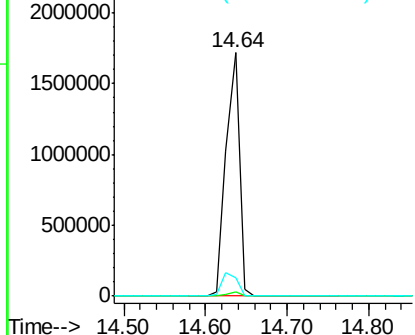


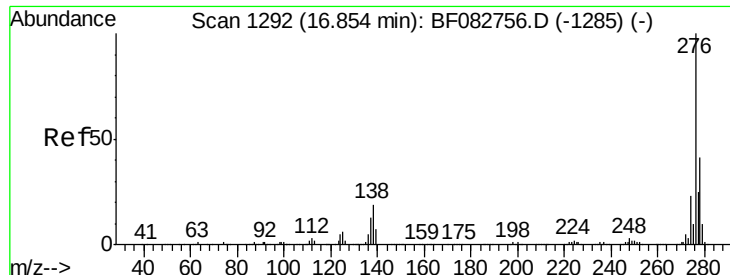
#84
 Di-n-octyl phthalate
 Concen: 47.76 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Tgt Ion:149 Resp: 1943611
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 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

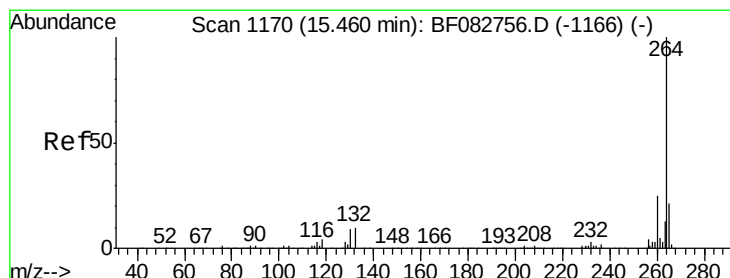
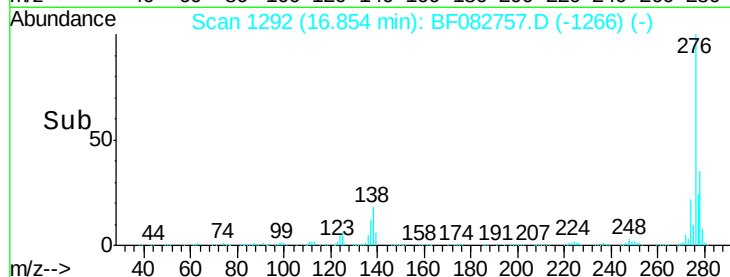
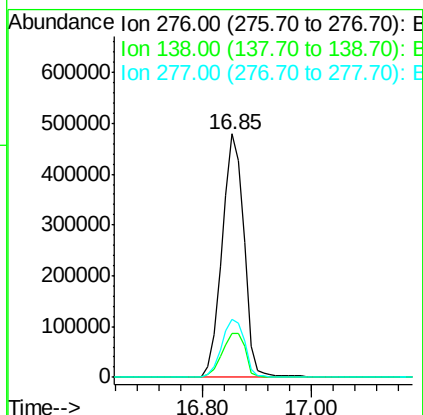
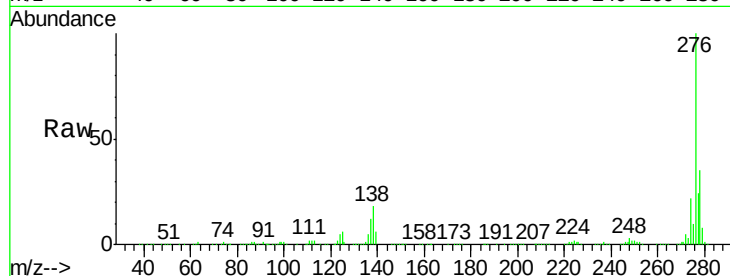




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.51 ng
RT: 16.85 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

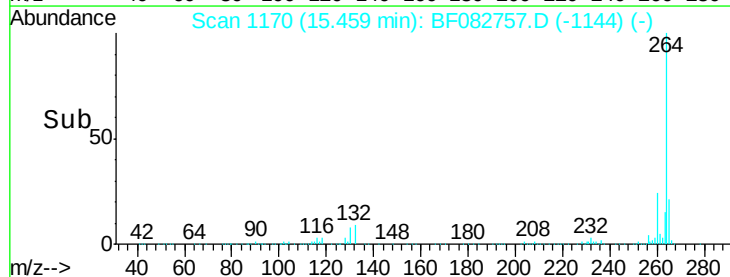
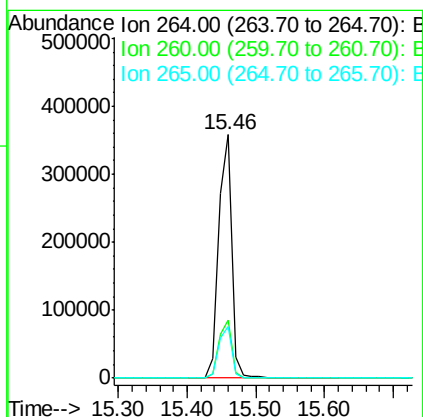
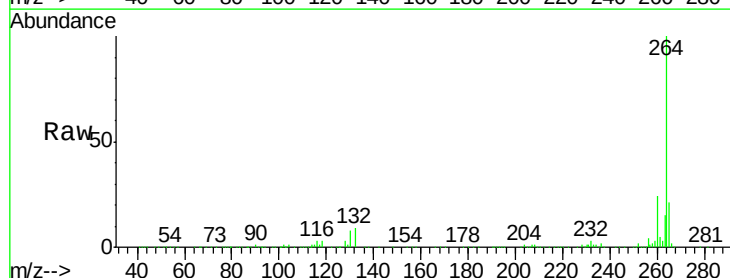
Instrument :
BNA_F
ClientSampleId :

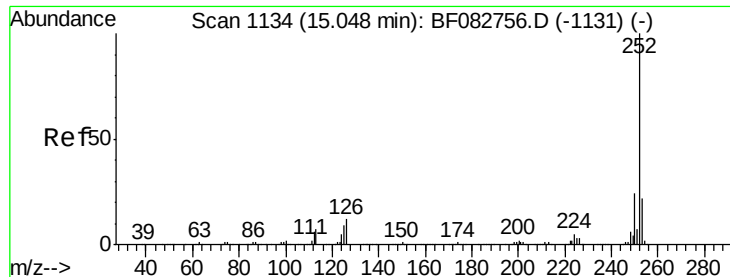
Tot Ion:276 Resp: 1350611
Ion Ratio Lower Upper
276 100
138 19.2 15.3 22.9
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:264 Resp: 483654
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.6
265 21.1 17.4 26.0

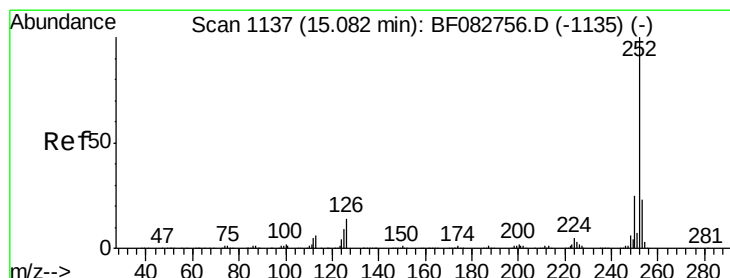
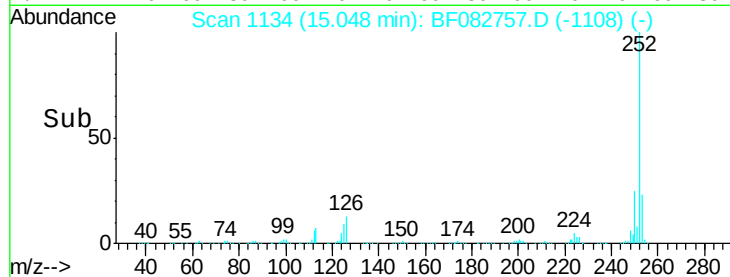
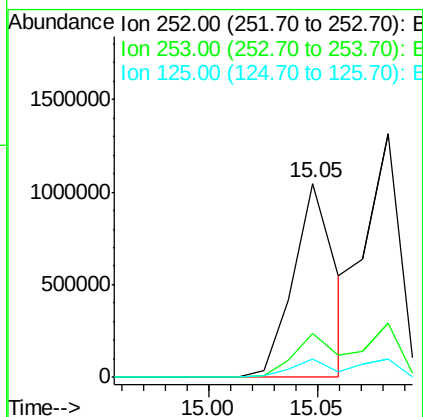
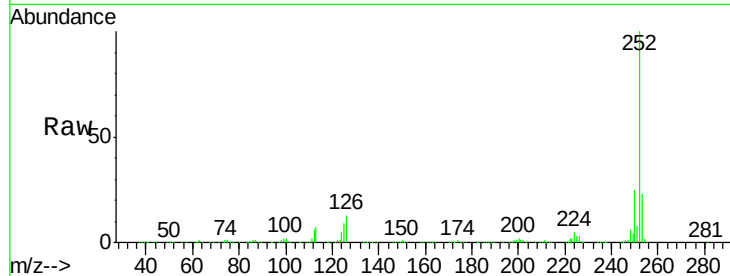




#87
Benzo(b)fluoranthene
Concen: 44.76 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

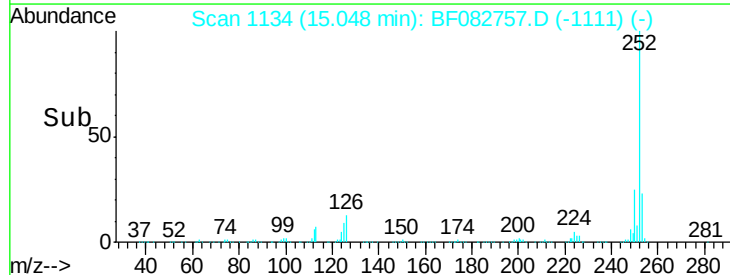
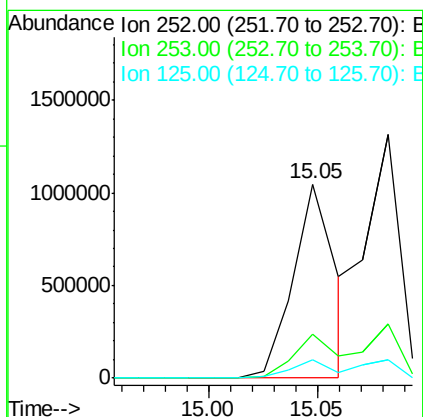
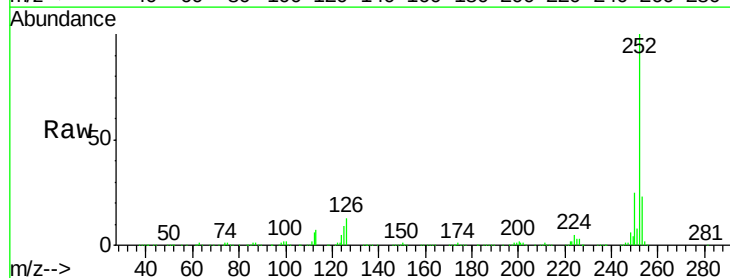
Instrument :
BNA_F
ClientSampleId :

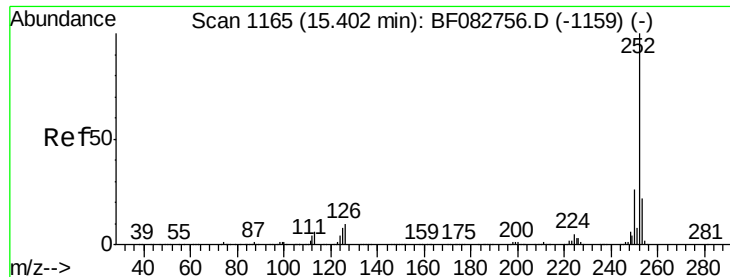
Tot Ion:252 Resp: 1400286
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 9.2 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 49.26 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:252 Resp: 1400286
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.2 3.5 5.3#

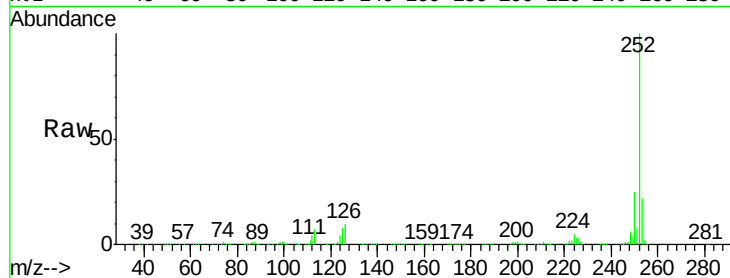




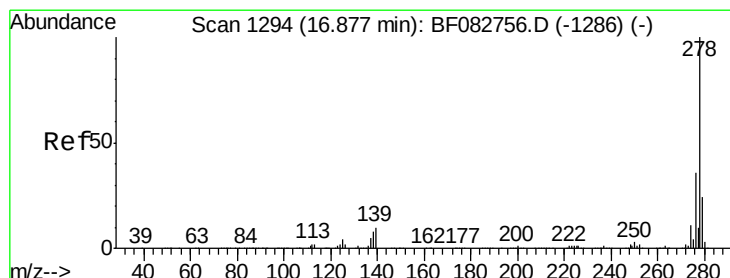
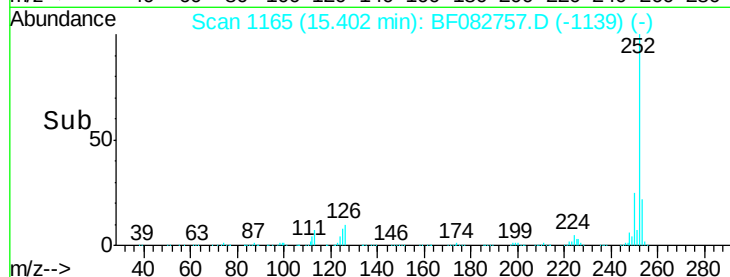
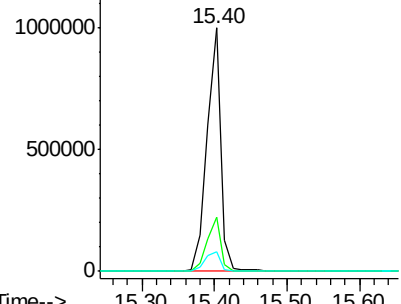
#89
Benzo(a)pyrene
Concen: 48.27 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1318995
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 7.9 7.1 10.7

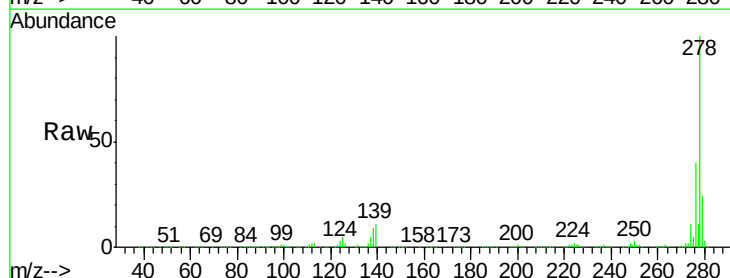


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

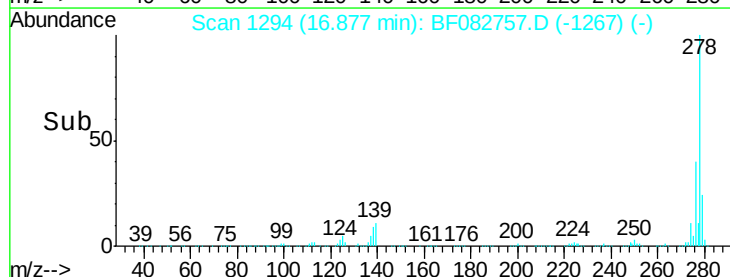
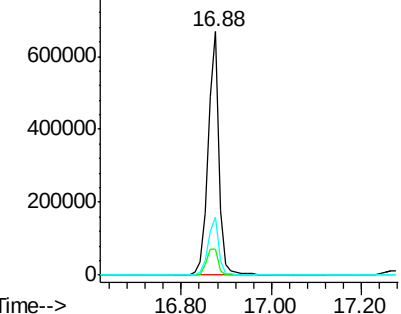


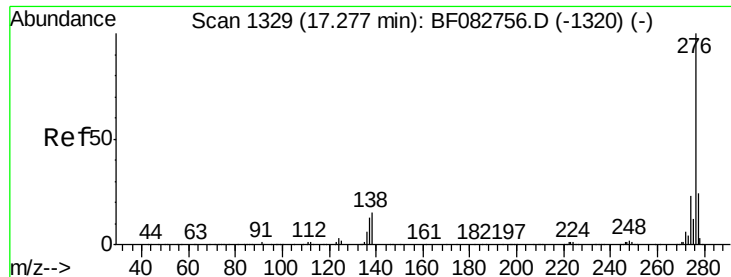
#90
Dibenzo(a,h)anthracene
Concen: 49.26 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF082757.D
Acq: 6 Nov 2015 12:58

Tgt Ion:278 Resp: 1119491
Ion Ratio Lower Upper
278 100
139 10.8 9.9 14.9
279 23.7 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

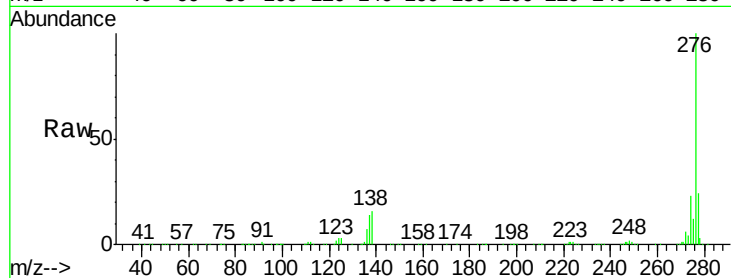




#91
 Benzo(a,h,i)perylene
 Concen: 48.46 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF082757.D
 Acq: 6 Nov 2015 12:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1057341
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 16.4 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

