

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082763.D
 Acq On : 6 Nov 2015 16:05
 Operator : UM/IZ
 Sample : PB86454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Quant Time: Nov 07 02:52:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	165309	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	618726	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	349475	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	641344	20.00	ng	0.00
75) Chrysene-d12	14.02	240	592775	20.00	ng	0.00
86) Perylene-d12	15.46	264	531585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	915768	86.19	ng	0.01
7) Phenol-d6	6.49	99	1374867	97.34	ng	0.01
23) Nitrobenzene-d5	7.41	82	920339	64.72	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	372240	92.90	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1628268	66.78	ng	0.00
78) Terphenyl-d14	12.96	244	1609195	64.39	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	130126	28.39	ng	94
3) Pyridine	3.25	79	370068	27.82	ng	97
4) n-Nitrosodimethylamine	3.20	42	195937	29.70	ng	# 84
6) Aniline	6.51	93	359748	18.14	ng	95
8) 2-Chlorophenol	6.64	128	377117	32.02	ng	92
9) Benzaldehyde	6.38	77	45310	5.81	ng	97
10) Phenol	6.50	94	561425	35.03	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	354799	29.60	ng	# 81
12) 1,3-Dichlorobenzene	6.86	146	392990	29.58	ng	93
13) 1,4-Dichlorobenzene	6.86	146	392990	28.44	ng	98
14) 1,2-Dichlorobenzene	7.02	146	394965	31.43	ng	98
15) Benzyl Alcohol	6.99	79	363102	29.27	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	562787	32.01	ng	94
17) 2-Methylphenol	7.10	107	293784	29.45	ng	97
18) Hexachloroethane	7.37	117	148738	30.09	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	278513	26.82	ng	91
20) 3+4-Methylphenols	7.26	107	420195	32.40	ng	94
22) Acetophenone	7.26	105	548135	30.92	ng	# 92
24) Nitrobenzene	7.42	77	437387	30.08	ng	# 87
25) Isophorone	7.68	82	801143	30.45	ng	98
26) 2-Nitrophenol	7.74	139	181441	29.89	ng	85
27) 2,4-Dimethylphenol	7.79	122	332787	30.51	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	468097	31.54	ng	100
29) 2,4-Dichlorophenol	8.00	162	347688	35.27	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	332039	29.95	ng	98
31) Naphthalene	8.16	128	989126	28.98	ng	98
32) Benzoic acid	7.92	122	223524	29.94	ng	# 85
33) 4-Chloroaniline	8.20	127	221928	15.08	ng	93
34) Hexachlorobutadiene	8.28	225	208897	30.11	ng	99
35) Caprolactam	8.57	113	109161	35.13	ng	# 75
36) 4-Chloro-3-methylphenol	8.69	107	393141	33.92	ng	87
37) 2-Methylnaphthalene	8.85	142	740378	33.53	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	351455	30.60	ng	98
40) Hexachlorocyclopentadiene	9.01	237	441619	71.58	ng	100

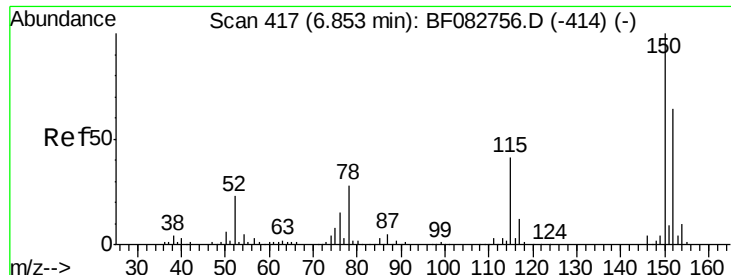
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110715\
 Data File : BF082763.D
 Acq On : 6 Nov 2015 16:05
 Operator : UM/IZ
 Sample : PB86454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Quant Time: Nov 07 02:52:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	251195	29.30	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	249773	29.46	ng #	84
45) 1,1'-Biphenyl	9.31	154	849300	28.32	ng	96
46) 2-Chloronaphthalene	9.33	162	675028	28.86	ng	94
47) 2-Nitroaniline	9.42	65	232977	26.85	ng	94
48) Acenaphthylene	9.76	152	1151189	31.40	ng	98
49) Dimethylphthalate	9.62	163	870523	30.40	ng	99
50) 2,6-Dinitrotoluene	9.68	165	198881	32.55	ng #	84
51) Acenaphthene	9.93	154	840975	36.20	ng	99
52) 3-Nitroaniline	9.84	138	115788	17.23	ng	91
53) 2,4-Dinitrophenol	9.95	184	238861	71.21	ng #	13
54) Dibenzofuran	10.10	168	1031483	32.93	ng	94
55) 4-Nitrophenol	10.01	139	338326	65.64	ng	96
56) 2,4-Dinitrotoluene	10.08	165	242322	29.23	ng #	98
57) Fluorene	10.44	166	851675	33.57	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	214309	30.97	ng	92
59) Diethylphthalate	10.32	149	827798	29.61	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	364542	28.72	ng #	82
61) 4-Nitroaniline	10.45	138	188190	27.85	ng	86
62) Azobenzene	10.59	77	938811	31.26	ng	88
64) 4,6-Dinitro-2-methylphenol	10.49	198	150534	32.95	ng	94
65) n-Nitrosodiphenylamine	10.56	169	704661	30.41	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	240771	31.18	ng #	79
67) Hexachlorobenzene	10.99	284	273947	31.77	ng #	75
68) Atrazine	11.08	200	265058	37.00	ng	96
69) Pentachlorophenol	11.18	266	350916	67.02	ng	98
70) Phenanthrene	11.40	178	1269201	34.08	ng	98
71) Anthracene	11.45	178	1107169	28.22	ng	99
72) Carbazole	11.60	167	1050334	30.58	ng	99
73) Di-n-butylphthalate	11.94	149	1259708	29.44	ng	99
74) Fluoranthene	12.58	202	1219088	30.50	ng	98
76) Benzidine	12.71	184	396363	19.95	ng	100
77) Pyrene	12.81	202	1191377	29.27	ng	98
79) Butylbenzylphthalate	13.44	149	550707	30.62	ng	99
80) Benzo(a)anthracene	14.01	228	1155023	31.16	ng	97
81) 3,3'-Dichlorobenzidine	13.96	252	254157	19.29	ng	99
82) Chrysene	14.04	228	1120135	32.99	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	775010	31.48	ng	99
84) Di-n-octyl phthalate	14.64	149	1314030	32.00	ng	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	927037	31.70	ng	99
87) Benzo(b)fluoranthene	15.08	252	1995537	58.48	ng	99
88) Benzo(k)fluoranthene	15.08	252	1995537	65.93	ng #	98
89) Benzo(a)pyrene	15.40	252	922083	31.19	ng	99
90) Dibenzo(a,h)anthracene	16.88	278	778981	31.12	ng	97
91) Benzo(g,h,i)perylene	17.28	276	729359	30.42	ng	97

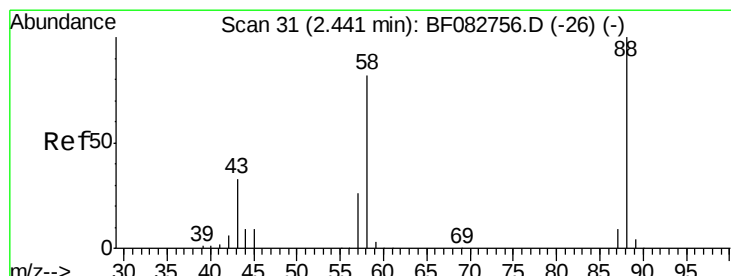
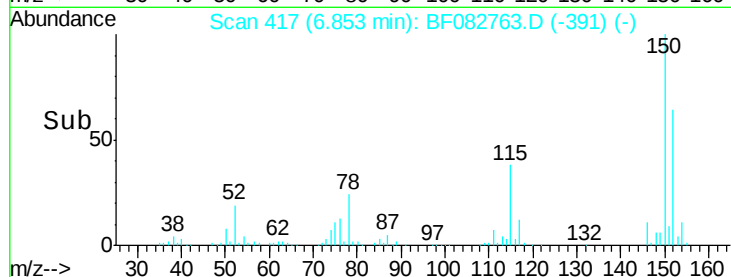
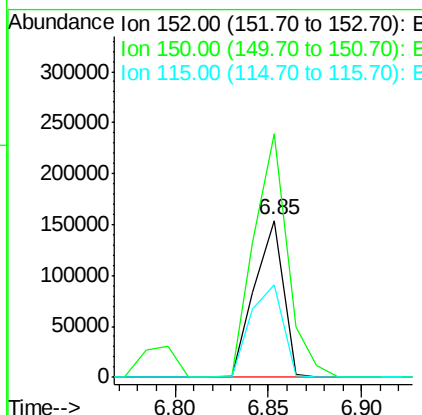
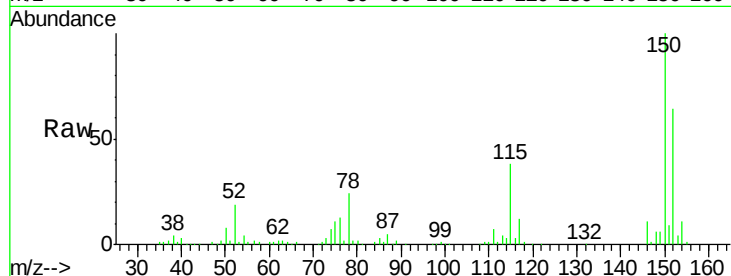
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

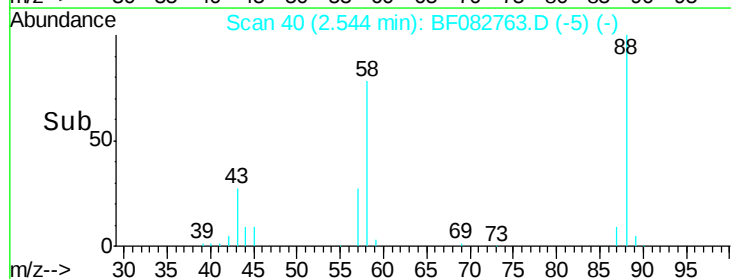
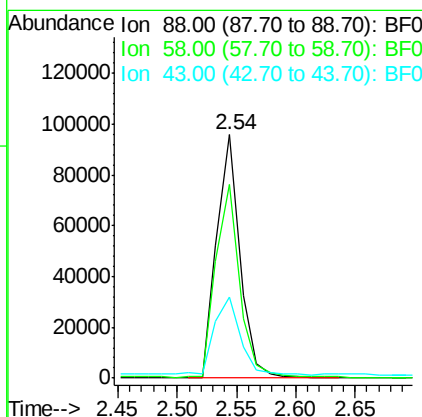
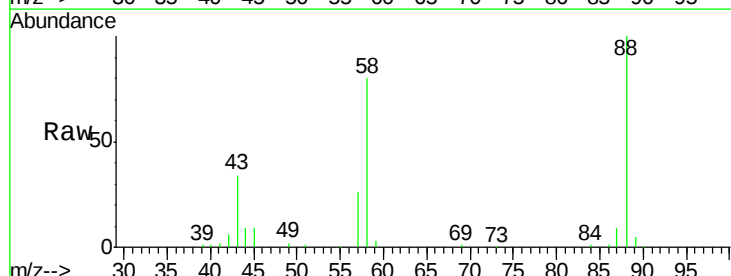
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

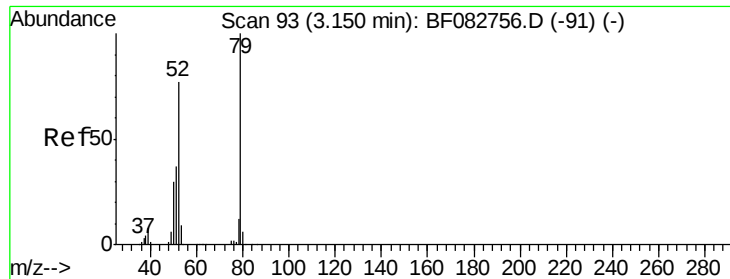
Tgt Ion:152 Resp: 165309
 Ion Ratio Lower Upper
 152 100
 150 155.1 127.0 190.4
 115 59.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 28.39 ng
 RT: 2.54 min Scan# 40
 Delta R.T. 0.10 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion: 88 Resp: 130126
 Ion Ratio Lower Upper
 88 100
 58 83.3 62.0 93.0
 43 35.7 26.6 40.0





#3

Pyridine

Concen: 27.82 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

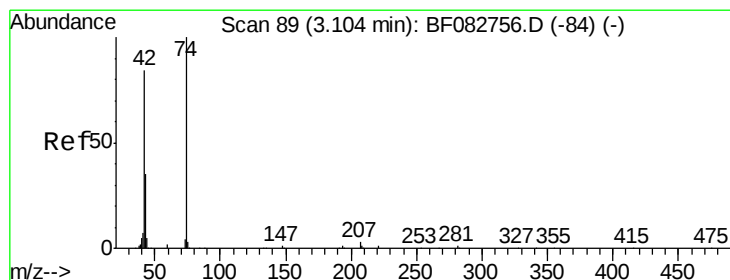
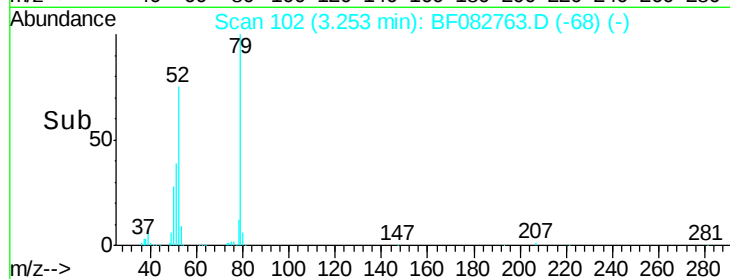
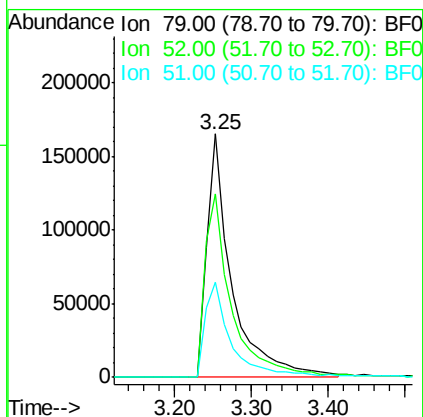
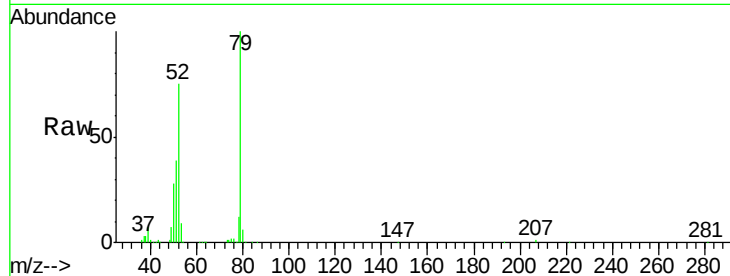
Tgt Ion: 79 Resp: 370068

Ion Ratio Lower Upper

79 100

52 75.3 62.8 94.2

51 39.3 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 29.70 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.10 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

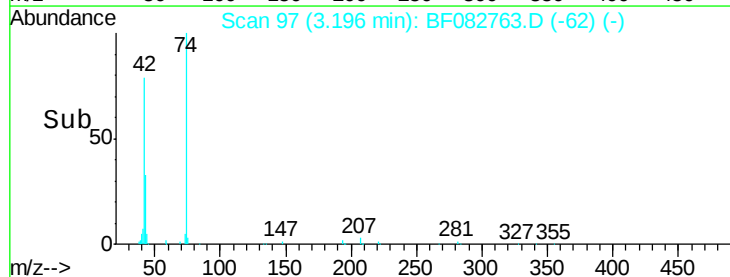
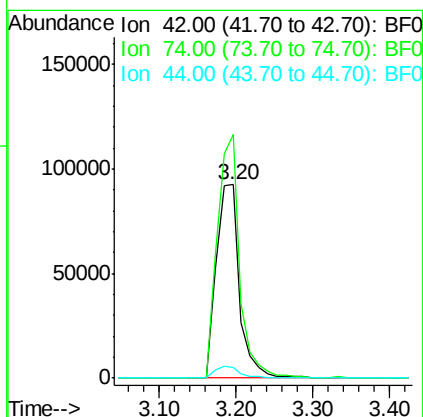
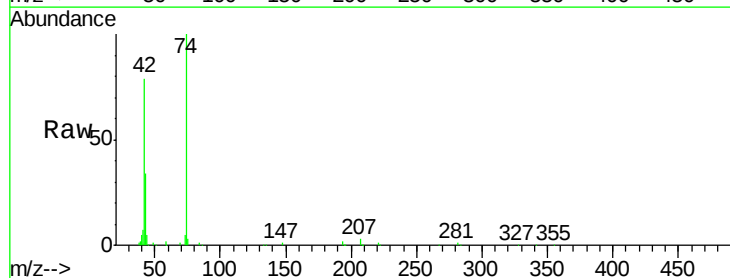
Tgt Ion: 42 Resp: 195937

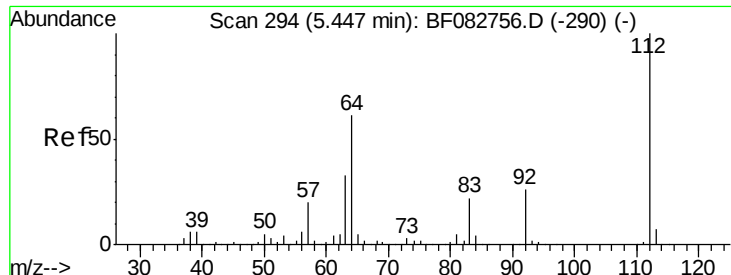
Ion Ratio Lower Upper

42 100

74 126.1 87.0 130.4

44 5.8 5.8 8.8#





#5

2-Fluorophenol

Concen: 86.19 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

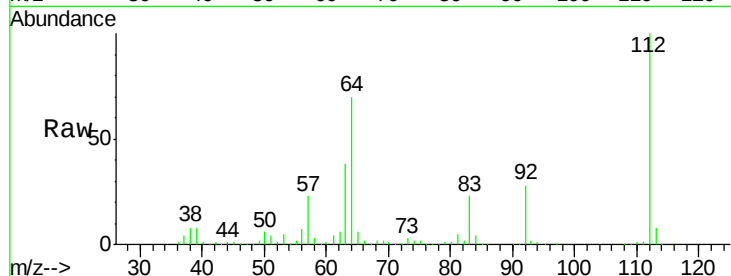
Tgt Ion: 112 Resp: 915768

Ion Ratio Lower Upper

112 100

64 70.5 48.9 73.3

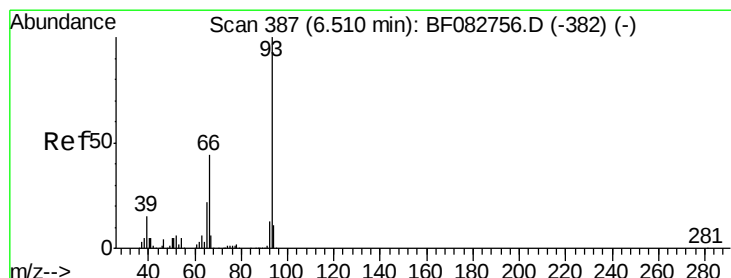
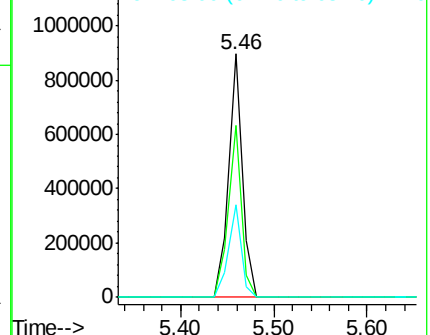
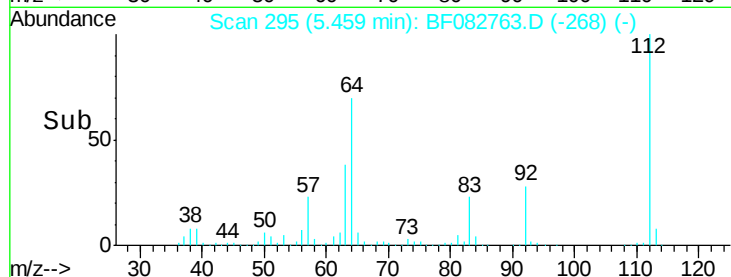
63 38.0 28.1 42.1



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: 18.14 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

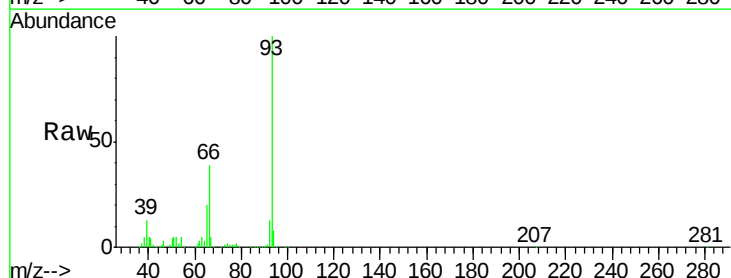
Tgt Ion: 93 Resp: 359748

Ion Ratio Lower Upper

93 100

66 38.9 33.6 50.4

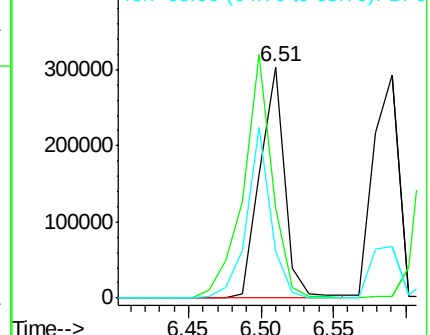
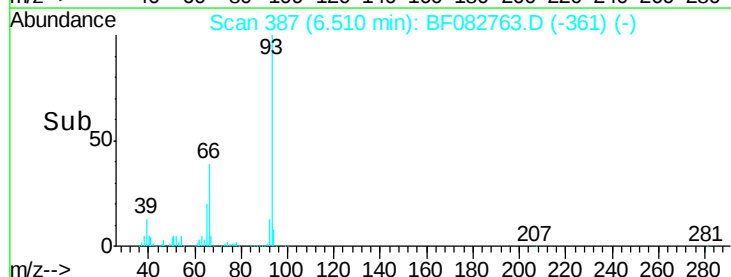
65 20.1 18.1 27.1

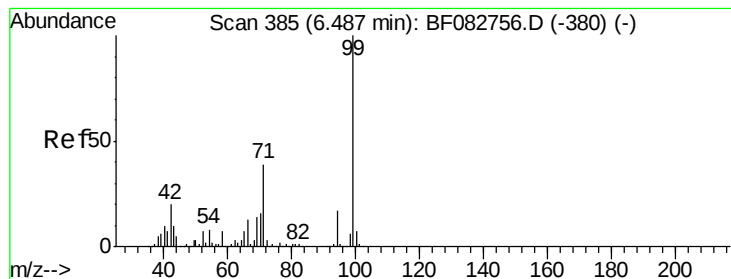


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.34 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

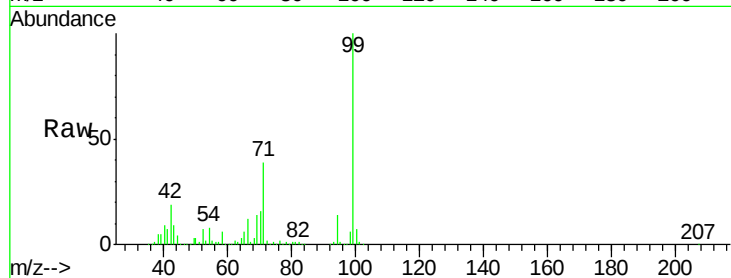
Tgt Ion: 99 Resp: 1374867

Ion Ratio Lower Upper

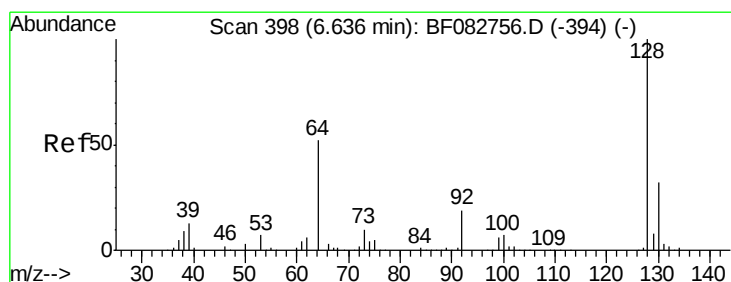
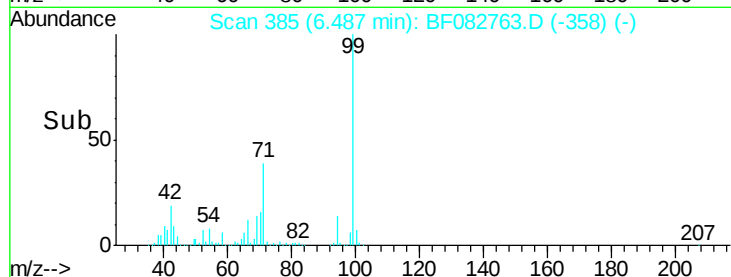
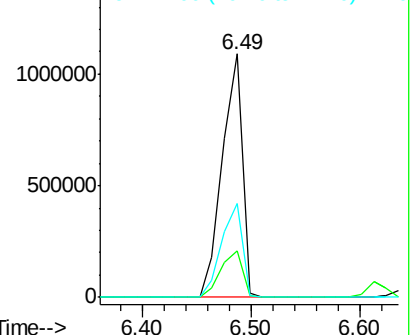
99 100

42 19.3 19.2 28.8

71 38.6 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: 32.02 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

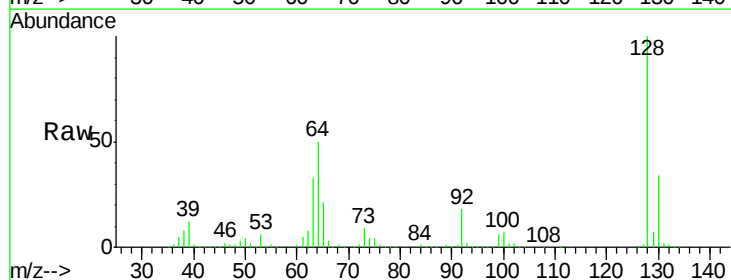
Tgt Ion: 128 Resp: 377117

Ion Ratio Lower Upper

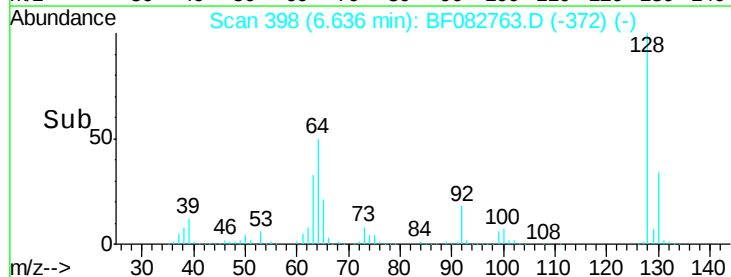
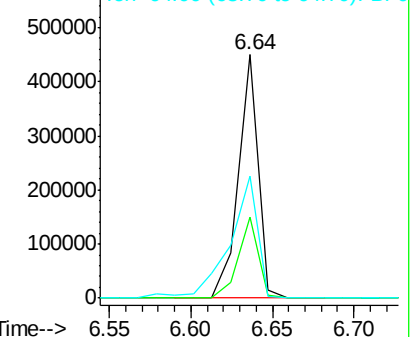
128 100

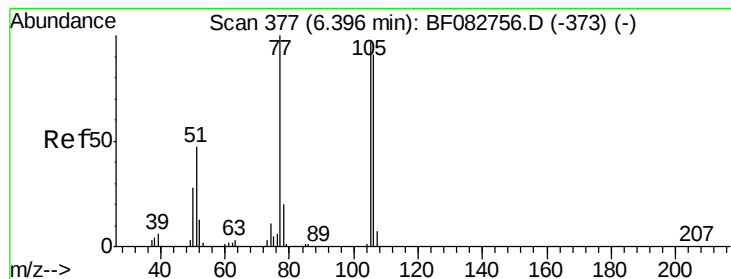
130 33.5 13.5 53.5

64 50.3 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: 5.81 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

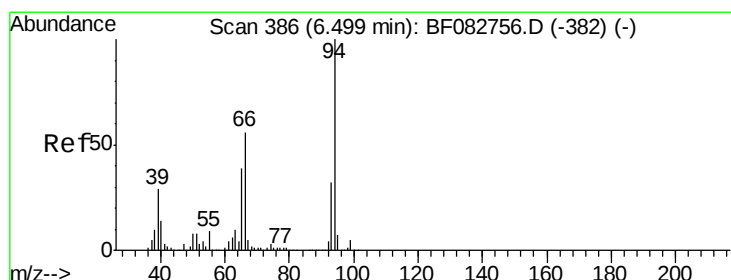
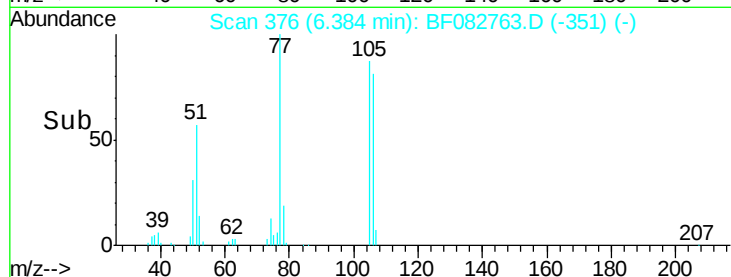
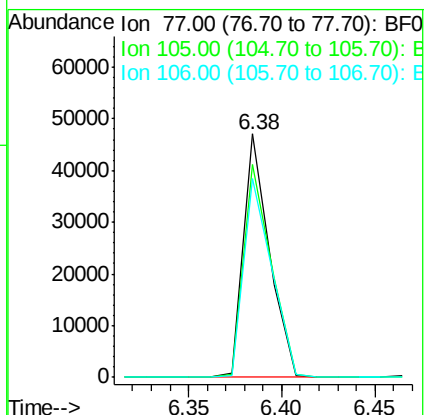
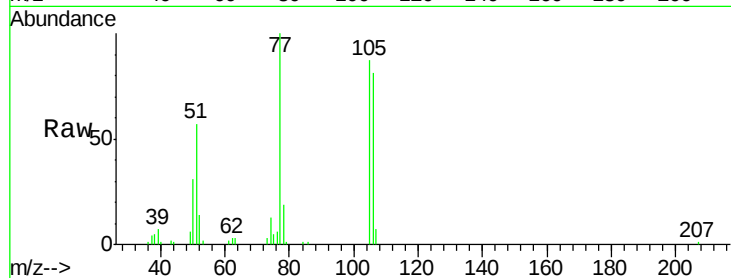
Tgt Ion: 77 Resp: 45310

Ion Ratio Lower Upper

77 100

105 87.3 63.5 103.5

106 81.4 59.3 99.3



#10

Phenol

Concen: 35.03 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

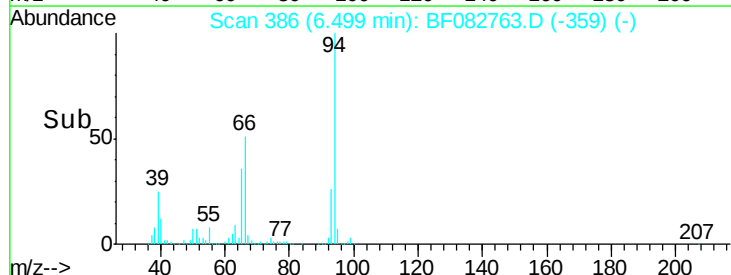
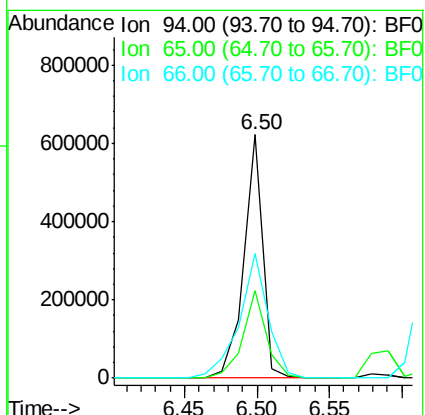
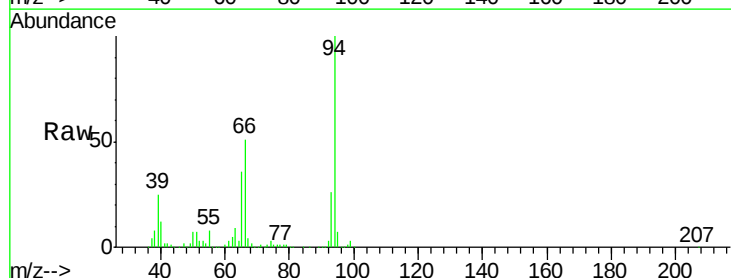
Tgt Ion: 94 Resp: 561425

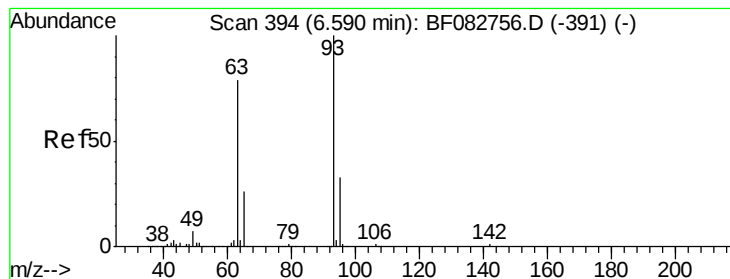
Ion Ratio Lower Upper

94 100

65 35.9 18.9 58.9

66 51.4 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 29.60 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

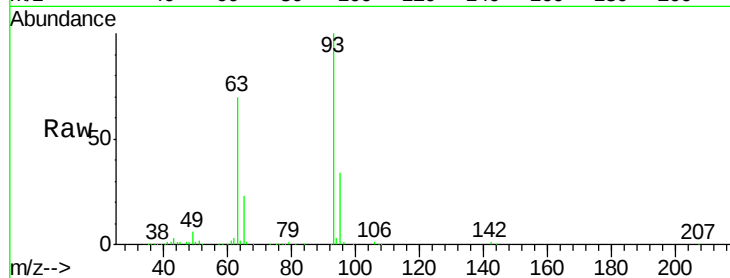
Tgt Ion: 93 Resp: 354799

Ion Ratio Lower Upper

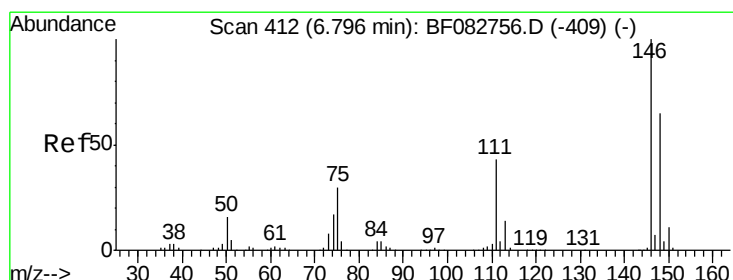
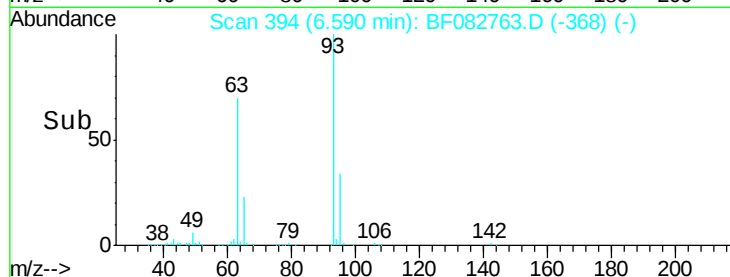
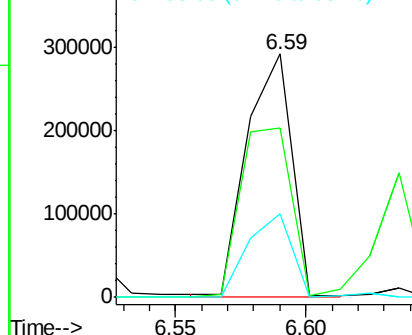
93 100

63 69.6 72.7 112.7#

95 34.3 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.58 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.07 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

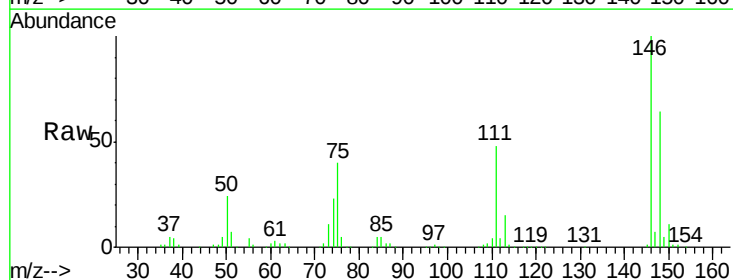
Tgt Ion: 146 Resp: 392990

Ion Ratio Lower Upper

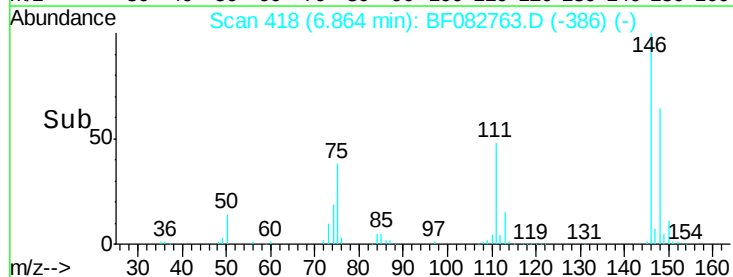
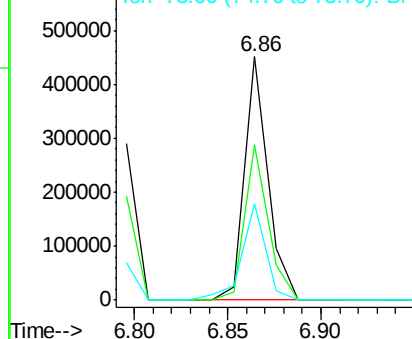
146 100

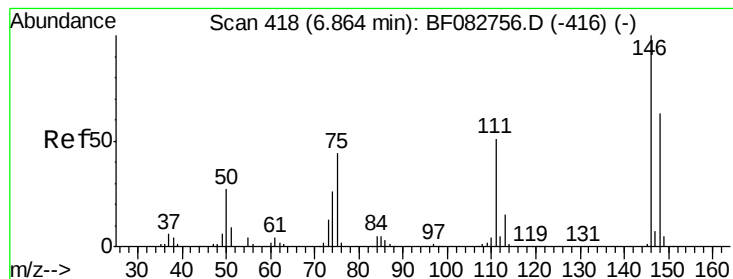
148 64.0 50.5 75.7

75 39.5 39.5 59.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 28.44 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampled :

PB86454BS

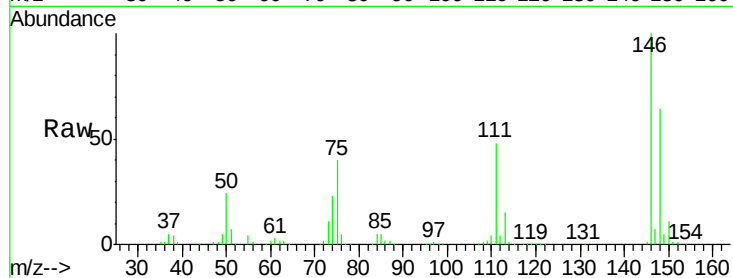
Tgt Ion:146 Resp: 392990

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

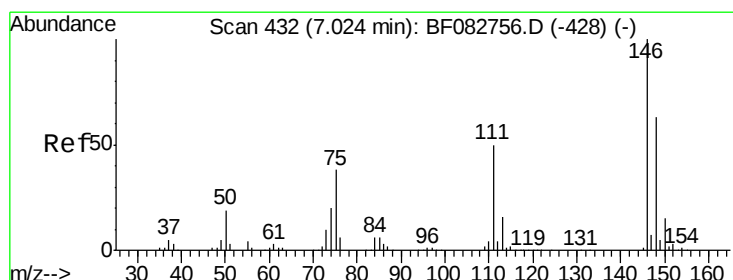
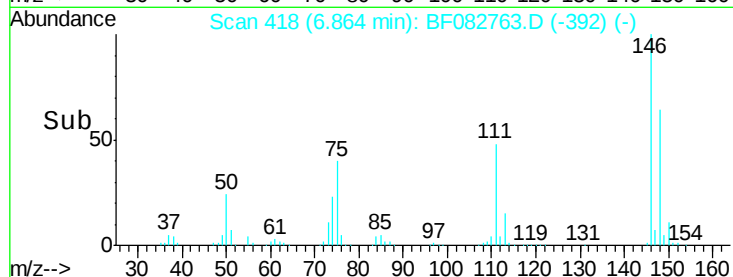
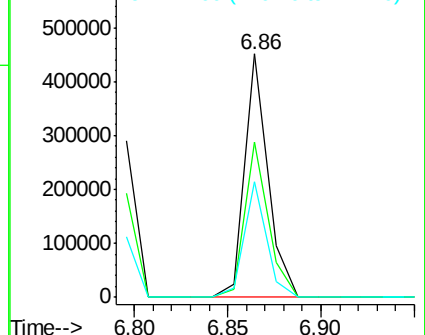
111 47.6 40.6 60.8



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: 31.43 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

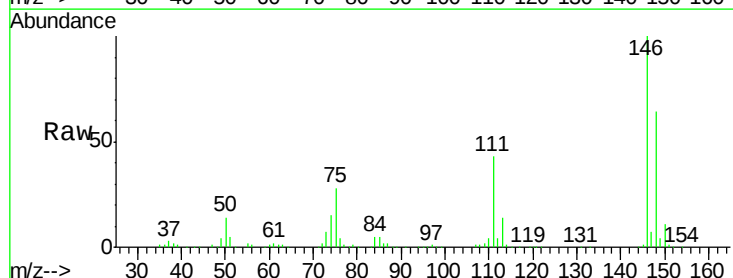
Tgt Ion:146 Resp: 394965

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

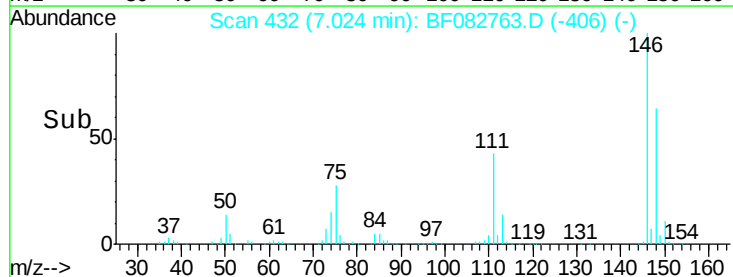
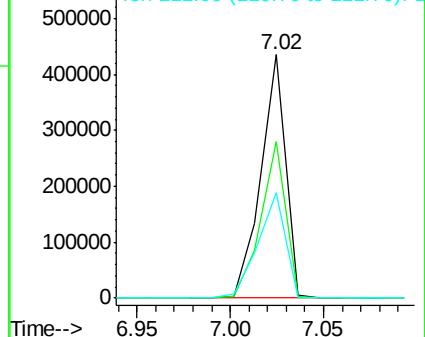
111 43.3 36.6 55.0



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: 29.27 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

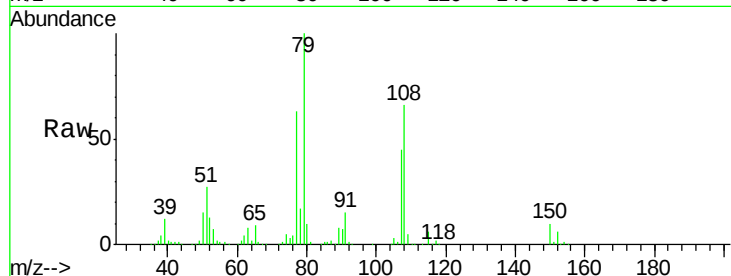
Tgt Ion: 79 Resp: 363102

Ion Ratio Lower Upper

79 100

108 65.7 52.2 78.4

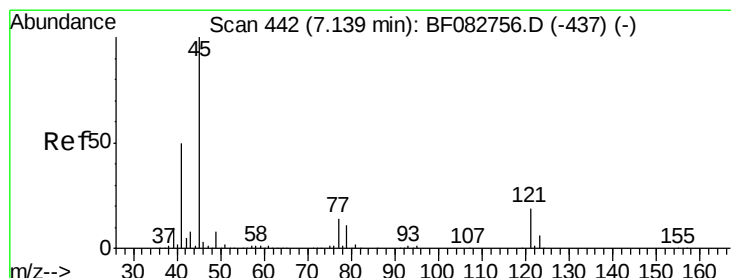
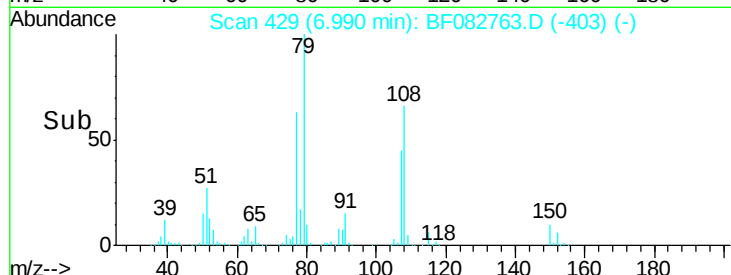
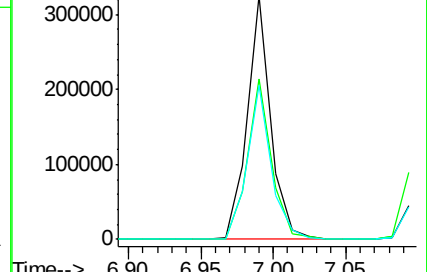
77 63.4 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.01 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

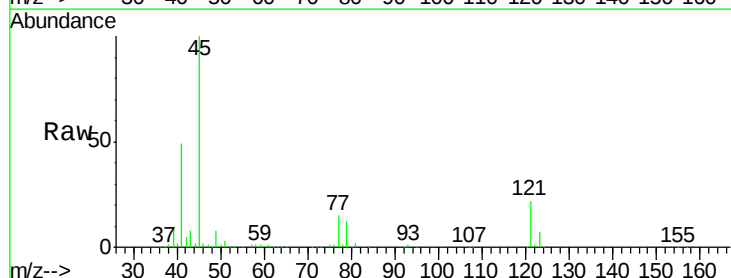
Tgt Ion: 45 Resp: 562787

Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.6

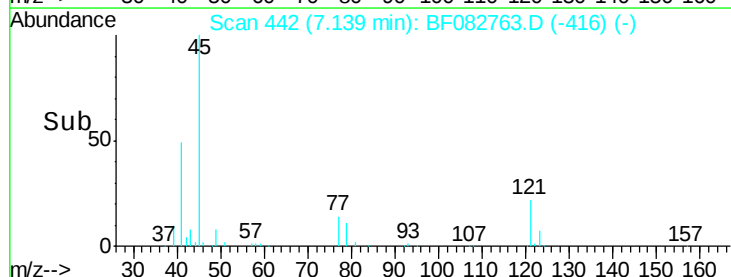
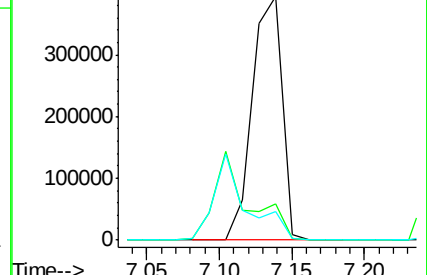
79 11.6 0.0 29.2

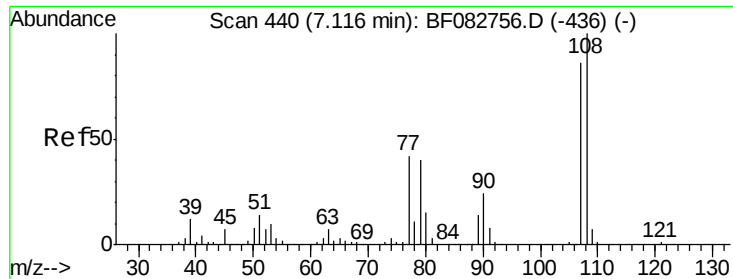


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

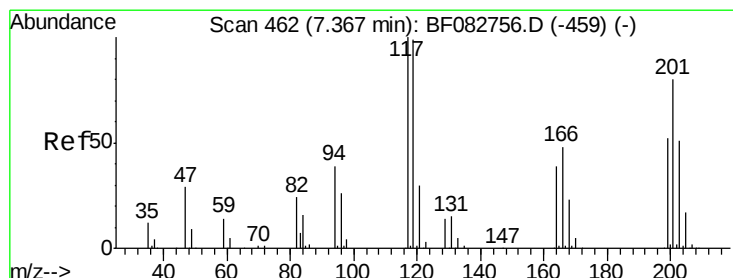
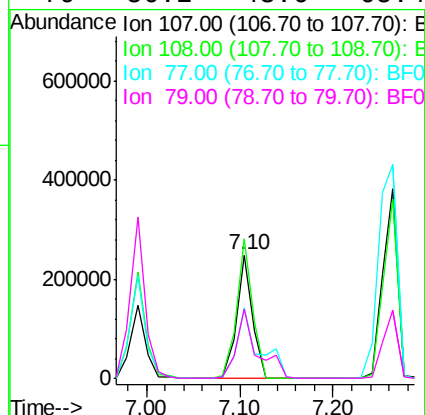
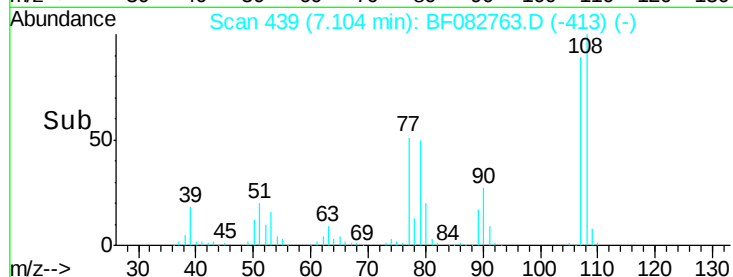
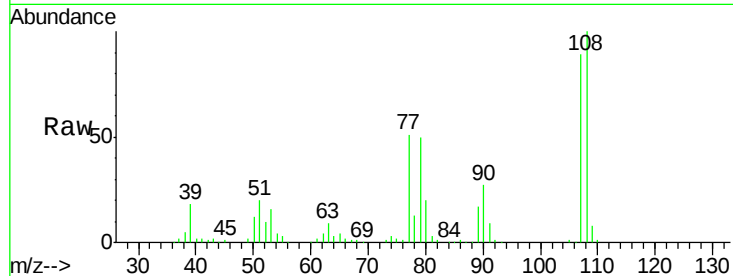




#17
2-Methylphenol
Concen: 29.45 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

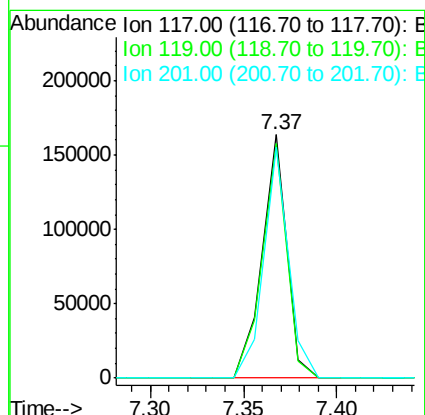
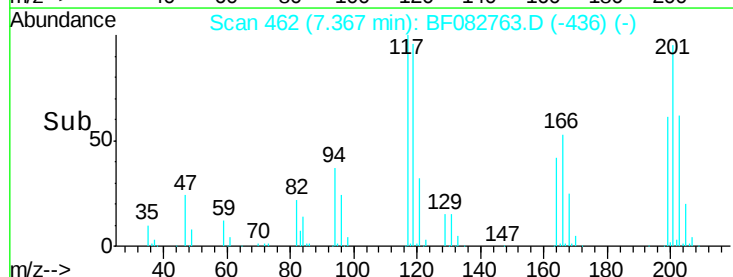
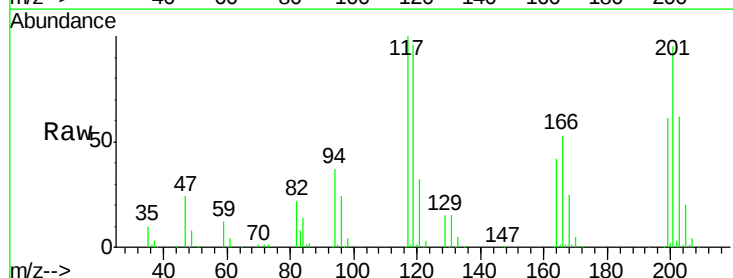
Instrument :
BNA_F
ClientSampleId :
PB86454BS

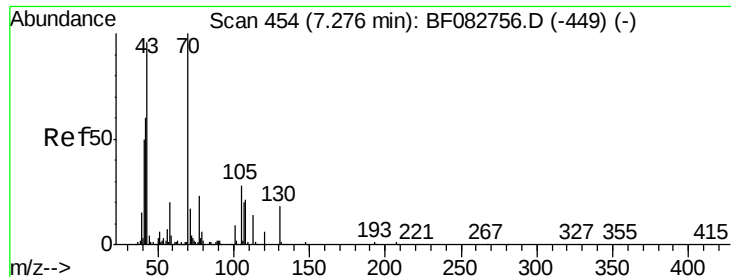
Tgt Ion:107 Resp: 293784
Ion Ratio Lower Upper
107 100
108 112.9 93.0 139.4
77 57.7 44.1 66.1
79 56.2 43.6 65.4



#18
Hexachloroethane
Concen: 30.09 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:117 Resp: 148738
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5
201 94.6 66.7 100.1

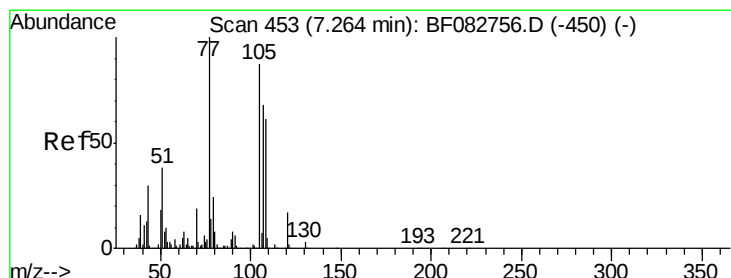
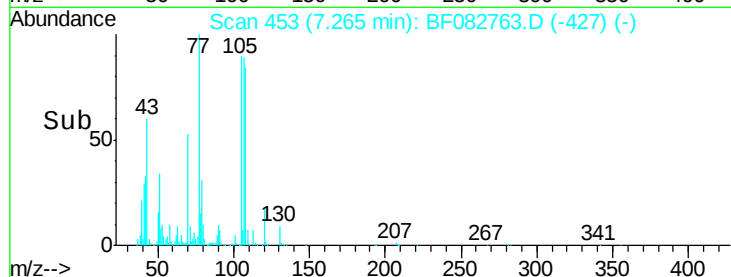
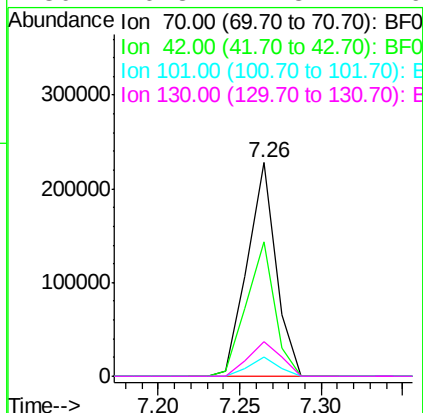
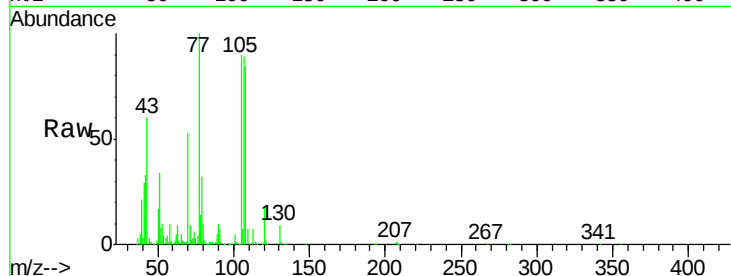




#19
n-Nitroso-di-n-propylamine
Concen: 26.82 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

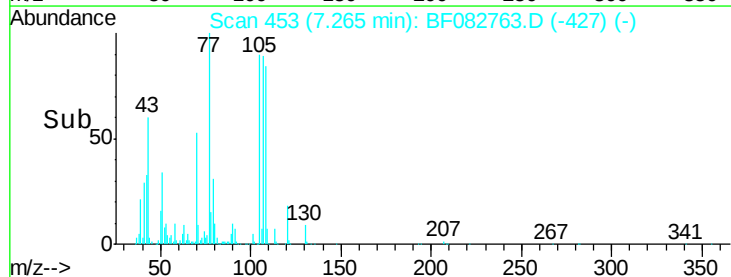
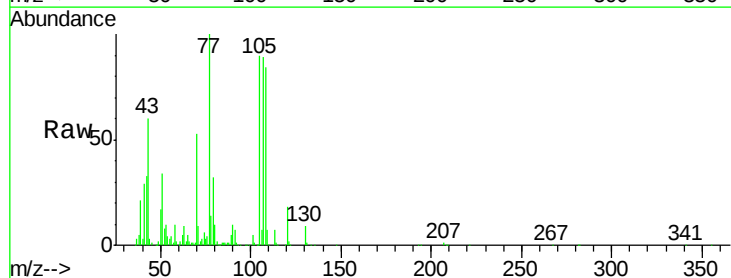
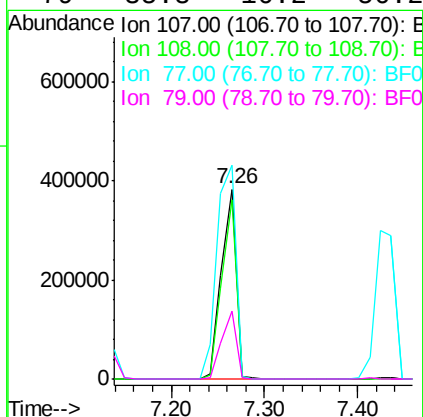
Instrument :
BNA_F
ClientSampleId :
PB86454BS

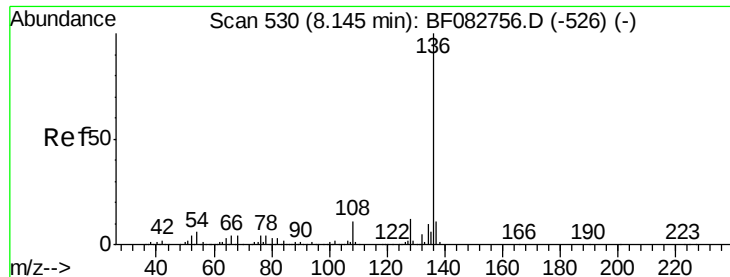
Tgt Ion: 70 Resp: 278513
Ion Ratio Lower Upper
70 100
42 62.9 57.7 86.5
101 8.8 7.0 10.6
130 16.3 11.8 17.6



#20
3+4-Methylphenols
Concen: 32.40 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion: 107 Resp: 420195
Ion Ratio Lower Upper
107 100
108 94.3 67.3 107.3
77 112.7 100.3 140.3
79 35.8 16.2 56.2

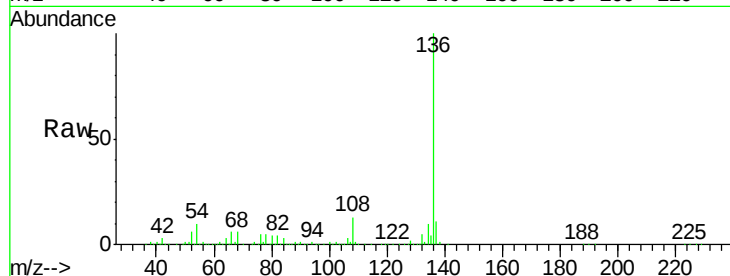




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tgt Ion:	136	Resp:	618726
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.7	9.1	13.7
68	6.1	4.8	7.2



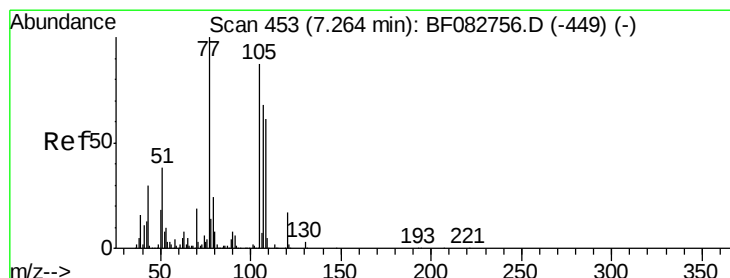
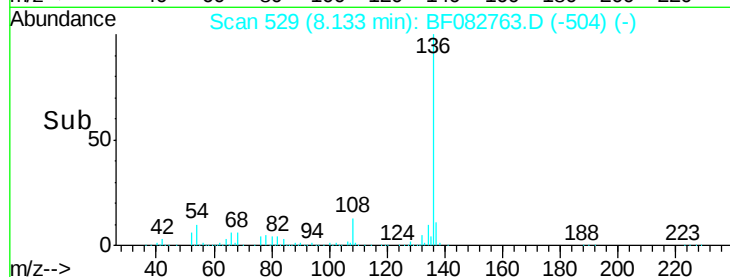
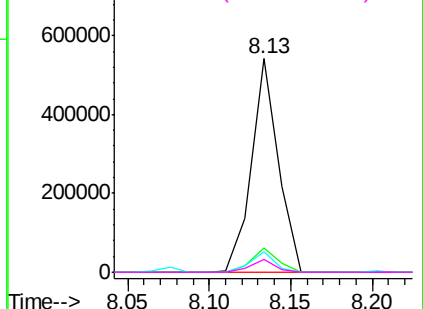
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

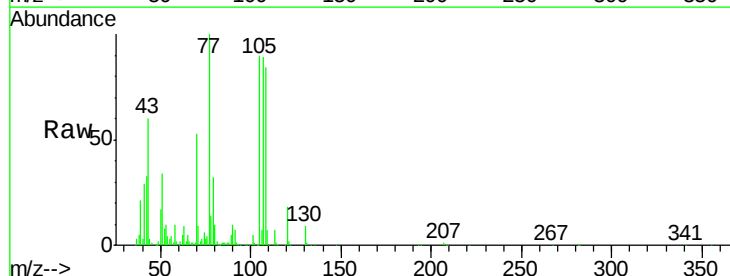
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 30.92 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:	105	Resp:	548135
Ion	Ratio	Lower	Upper
105	100		
71	9.7	5.6	8.4#
51	37.6	24.9	37.3#
120	20.4	15.8	23.8



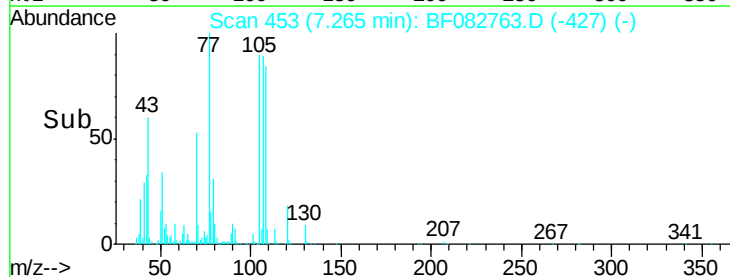
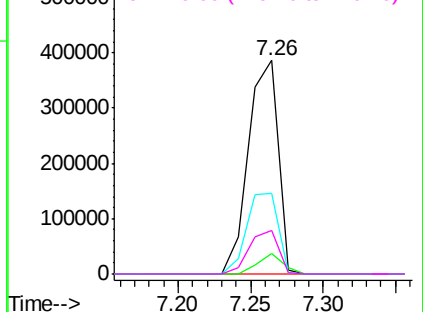
Abundance

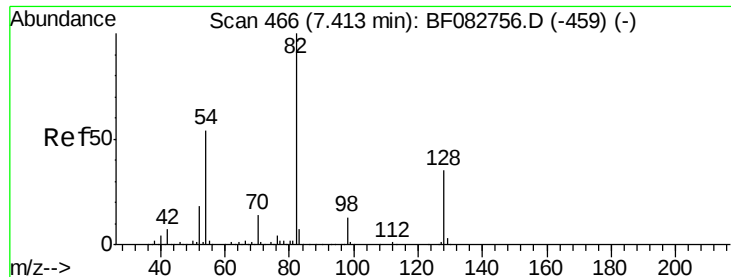
Ion 105.00 (104.70 to 105.70): E

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

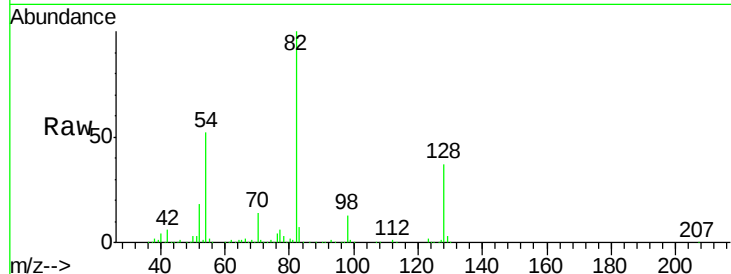




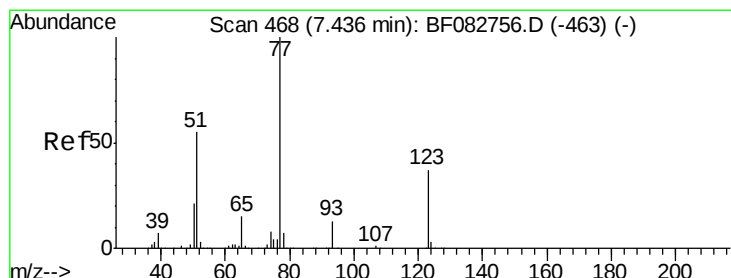
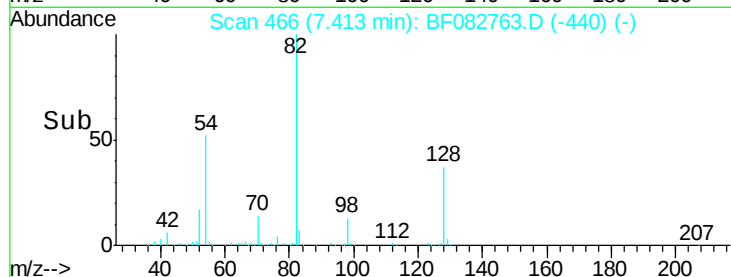
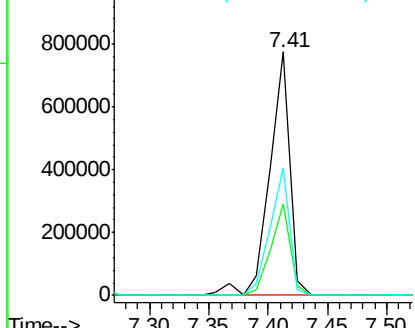
#23
 Nitrobenzene-d5
 Concen: 64.72 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion: 82 Resp: 920339
 Ion Ratio Lower Upper
 82 100
 128 37.4 26.8 40.2
 54 52.4 45.7 68.5

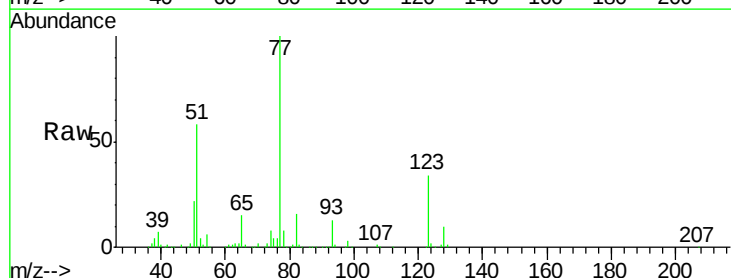


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

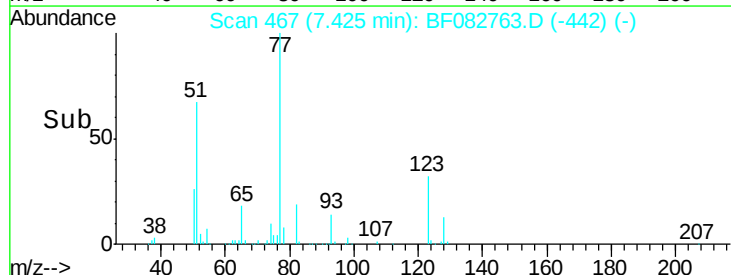
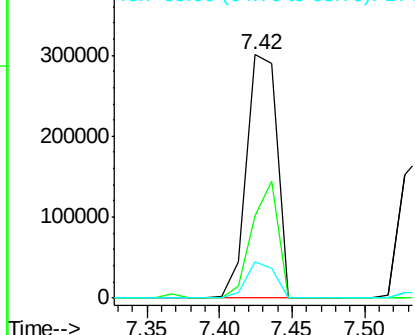


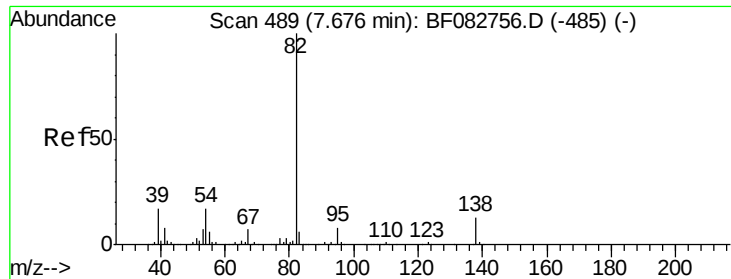
#24
 Nitrobenzene
 Concen: 30.08 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion: 77 Resp: 437387
 Ion Ratio Lower Upper
 77 100
 123 34.1 36.4 54.6#
 65 14.8 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: 30.45 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

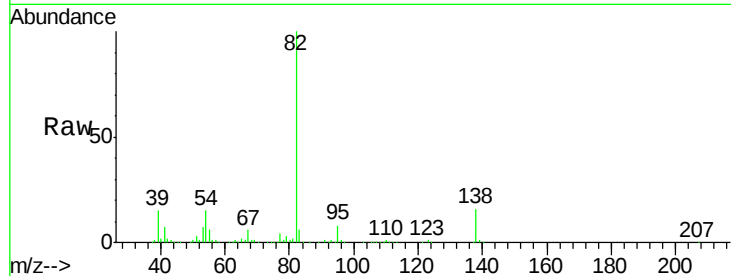
Tgt Ion: 82 Resp: 801143

Ion Ratio Lower Upper

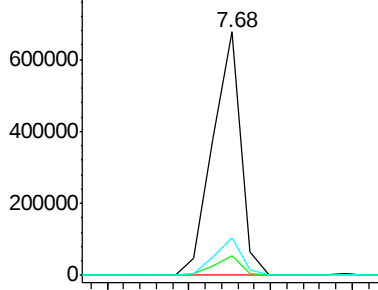
82 100

95 7.9 6.6 9.8

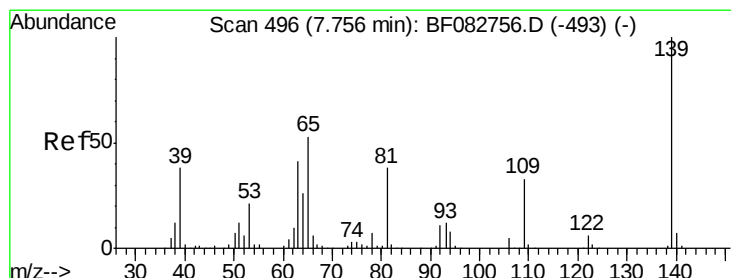
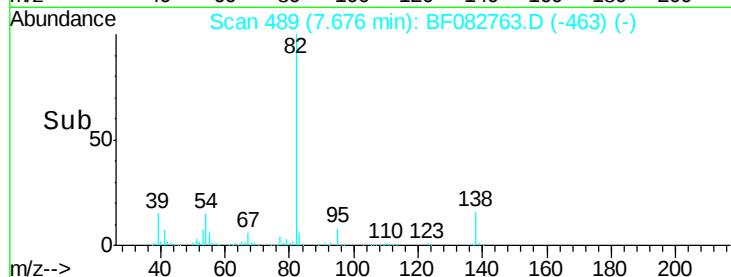
138 15.6 11.4 17.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



Time-->



#26

2-Nitrophenol

Concen: 29.89 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

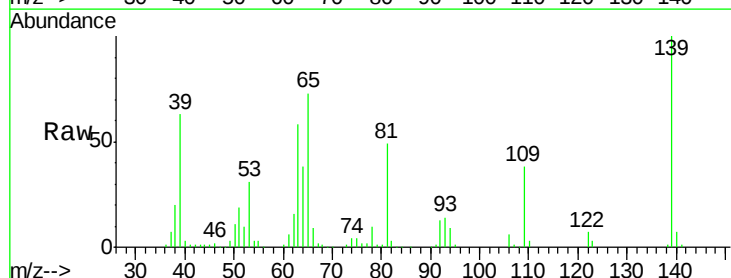
Tgt Ion: 139 Resp: 181441

Ion Ratio Lower Upper

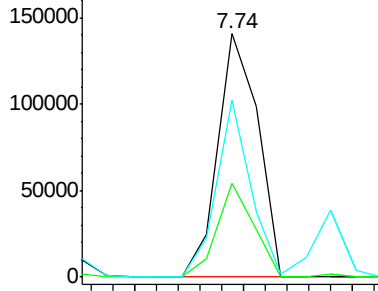
139 100

109 38.4 37.6 56.4

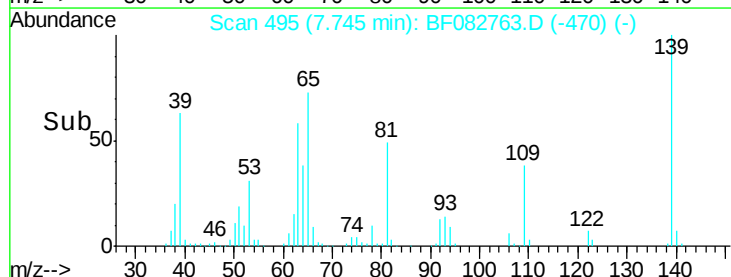
65 72.8 70.6 105.8

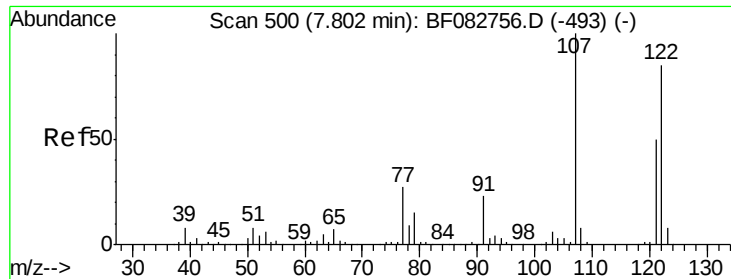


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



Time-->

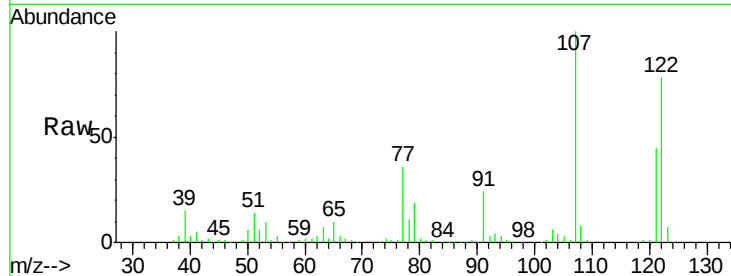




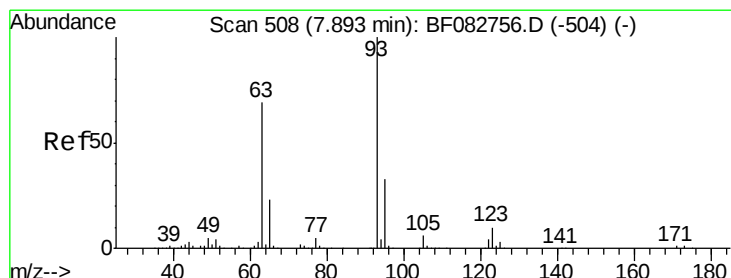
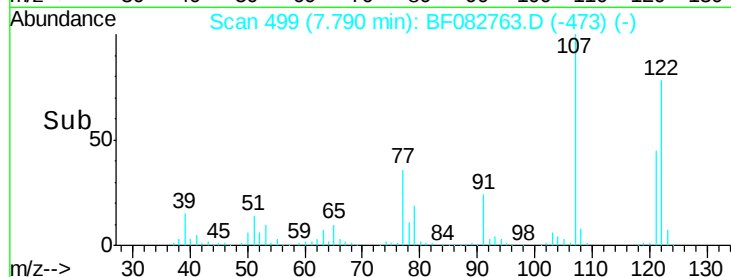
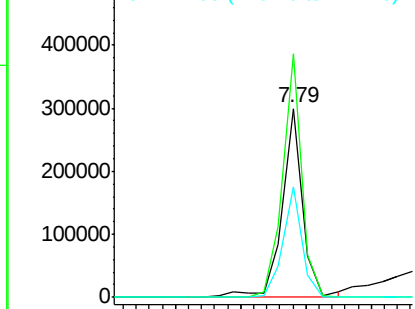
#27
2,4-Dimethylphenol
Concen: 30.51 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tgt Ion:122 Resp: 332787
Ion Ratio Lower Upper
122 100
107 128.8 106.0 159.0
121 58.4 46.7 70.1

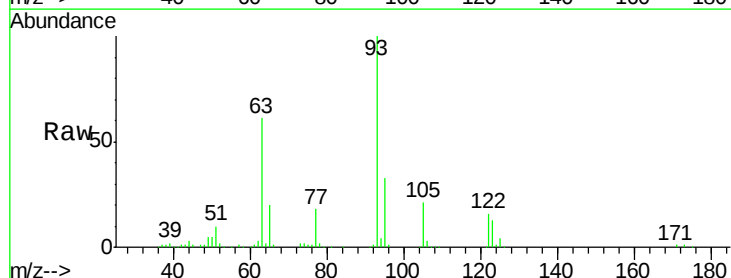


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

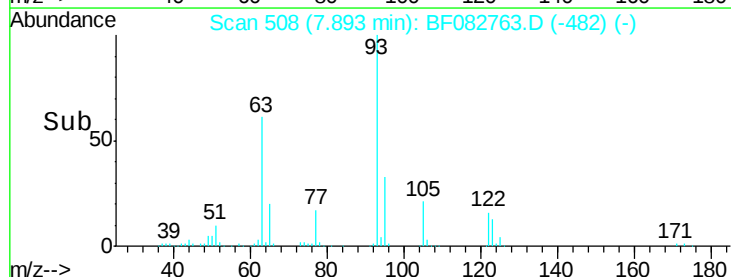
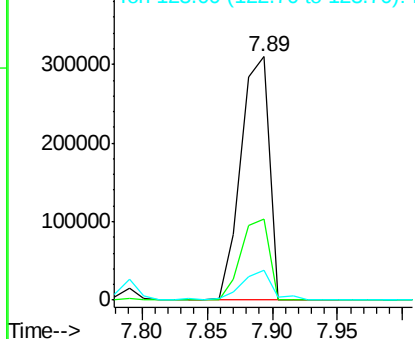


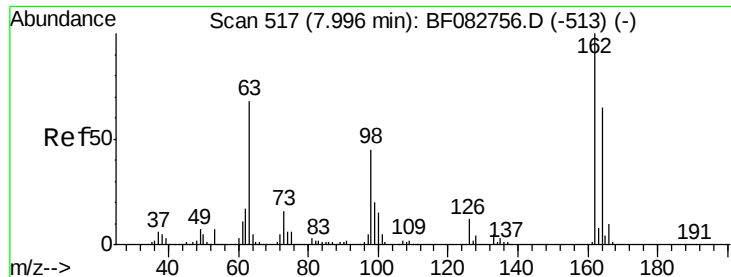
#28
bis(2-Chloroethoxy)methane
Concen: 31.54 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion: 93 Resp: 468097
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.5 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

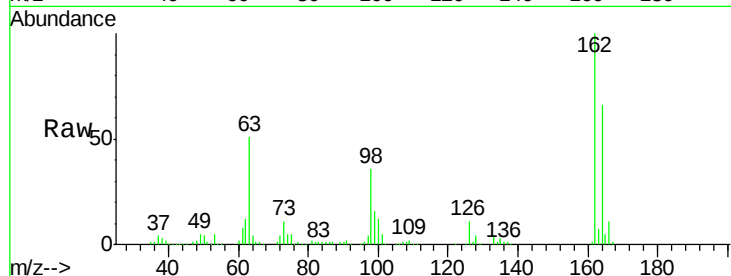




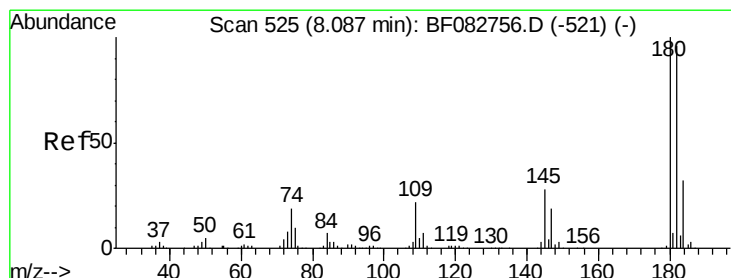
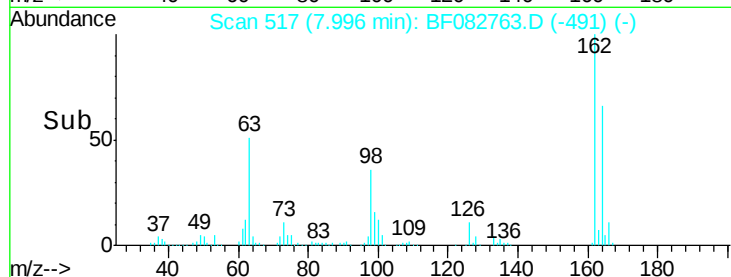
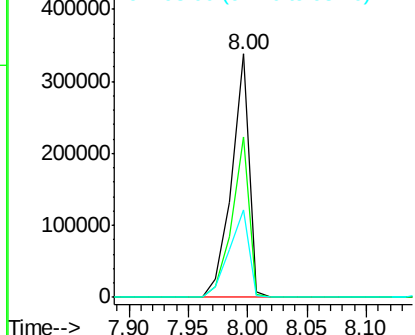
#29
 2,4-Dichlorophenol
 Concen: 35.27 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:162 Resp: 347688
 Ion Ratio Lower Upper
 162 100
 164 65.7 46.8 86.8
 98 36.1 12.5 52.5

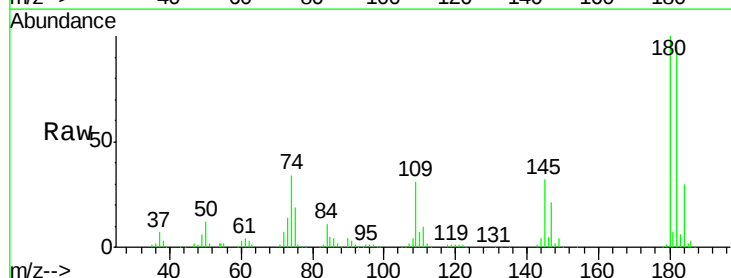


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

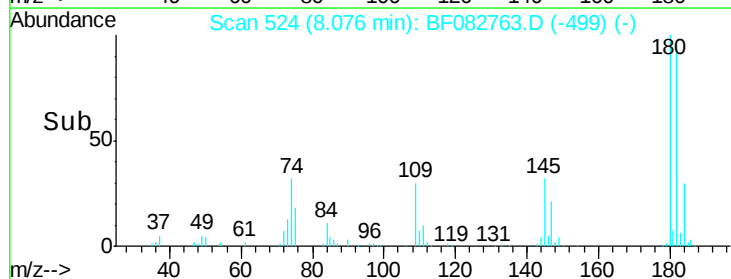
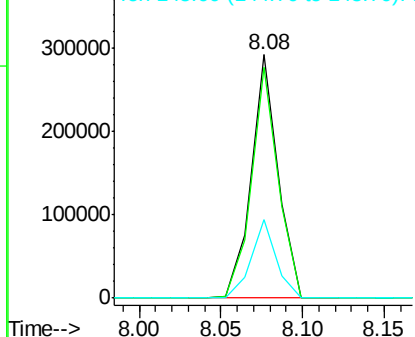


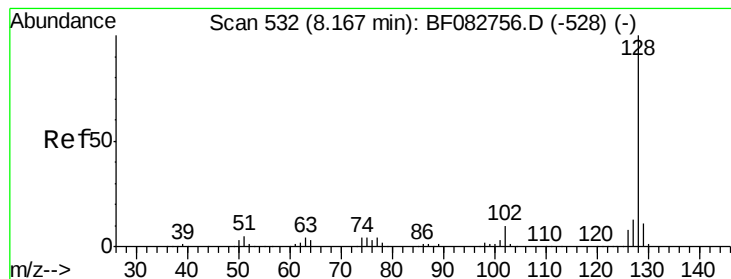
#30
 1,2,4-Trichlorobenzene
 Concen: 29.95 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:180 Resp: 332039
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.9 112.3
 145 32.2 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: 28.98 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

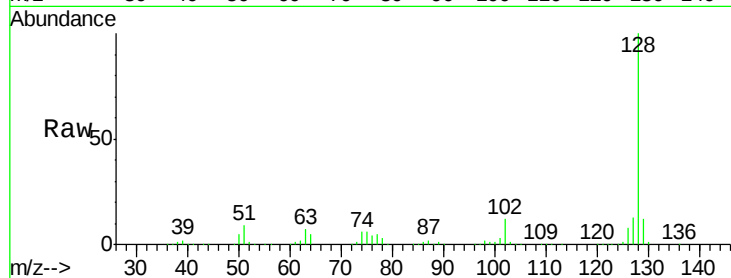
Tgt Ion:128 Resp: 989126

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

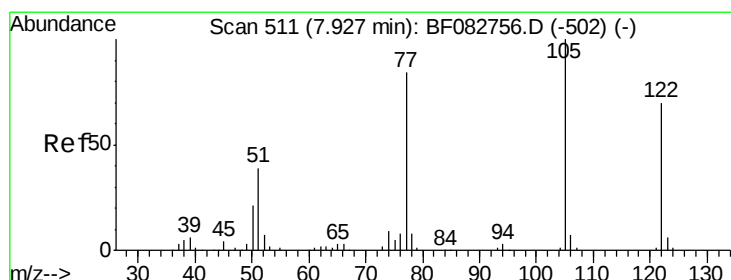
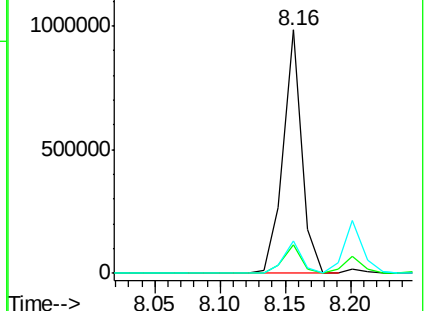
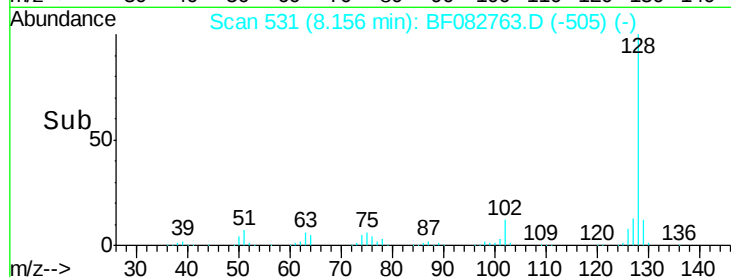
127 13.2 11.4 17.0



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: 29.94 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

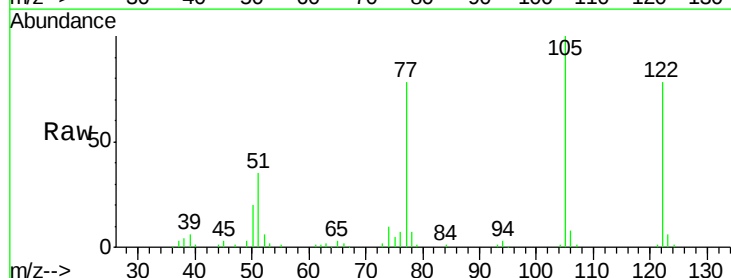
Tgt Ion:122 Resp: 223524

Ion Ratio Lower Upper

122 100

105 128.2 122.6 162.6

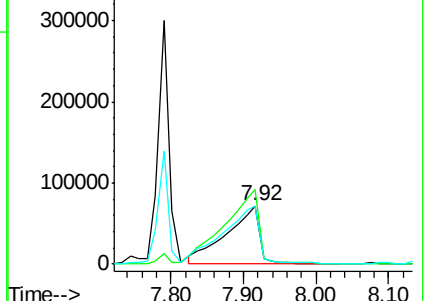
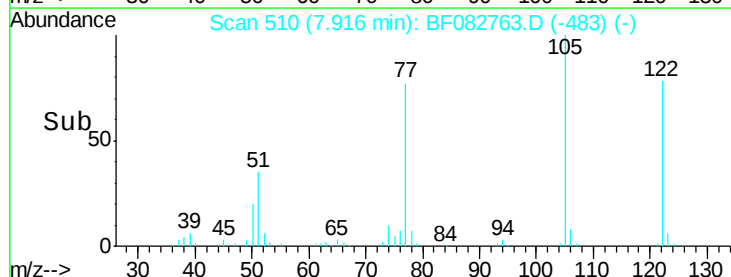
77 99.7 100.9 140.9#

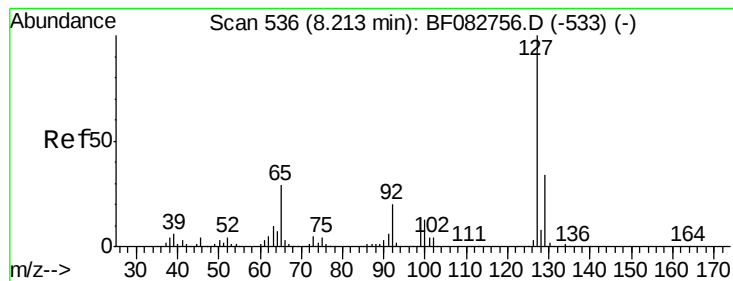


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.08 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tgt Ion:127 Resp: 221928

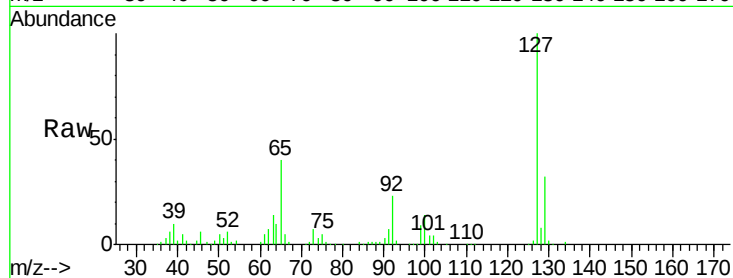
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 39.9 37.8 56.8

92 22.7 20.6 31.0

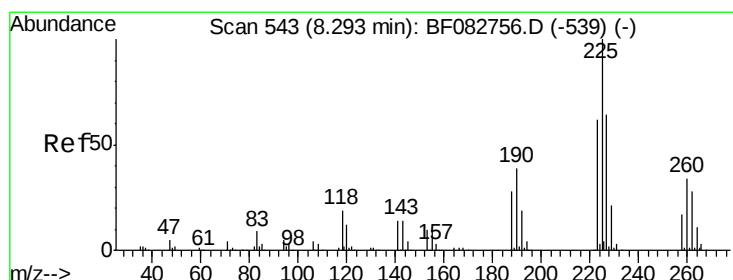
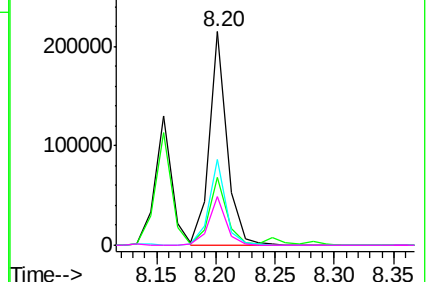
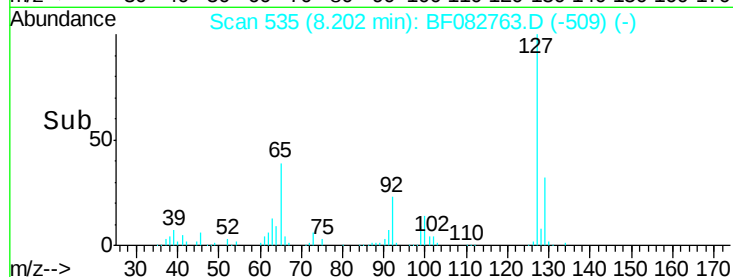


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 30.11 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

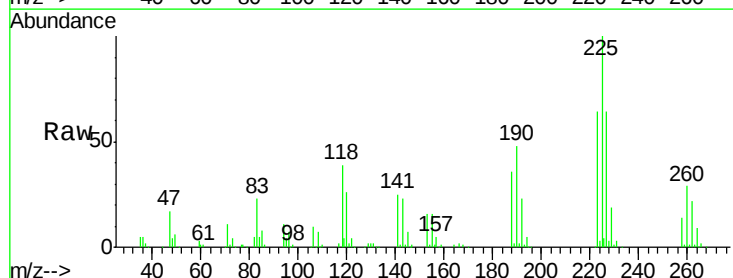
Tgt Ion:225 Resp: 208897

Ion Ratio Lower Upper

225 100

223 63.5 50.5 75.7

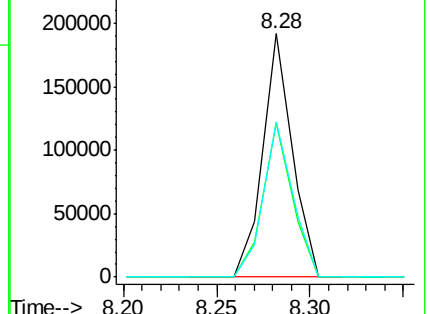
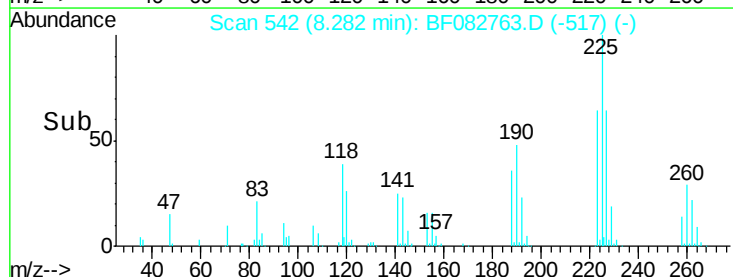
227 64.0 50.2 75.2

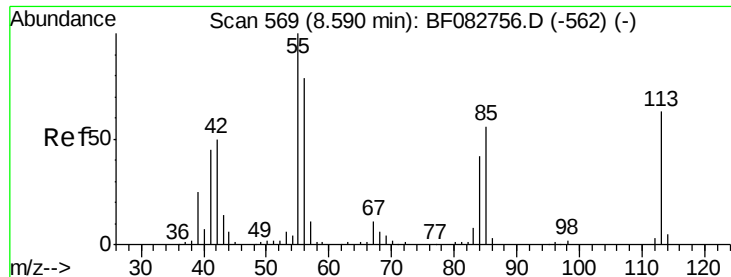


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

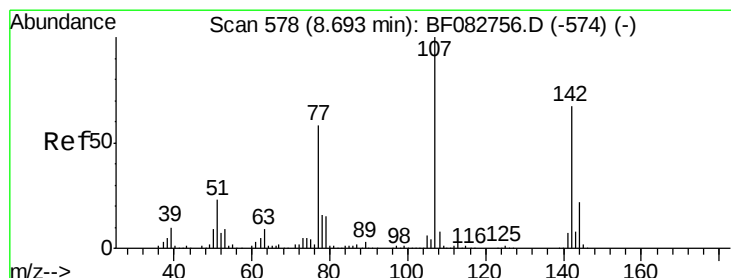
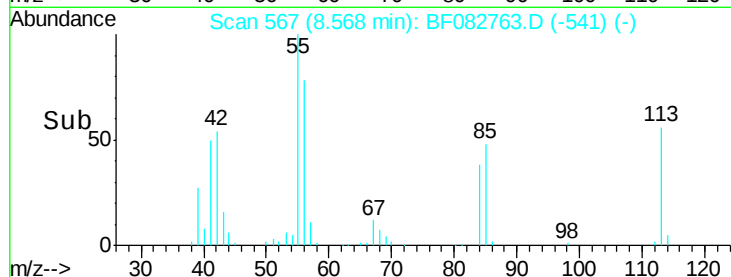
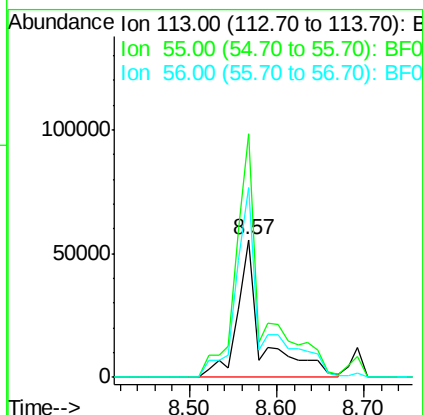
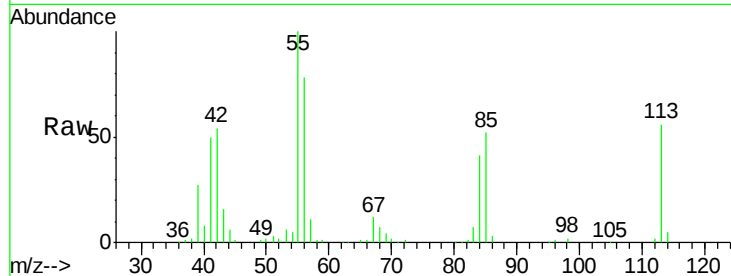




#35
Caprolactam
Concen: 35.13 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

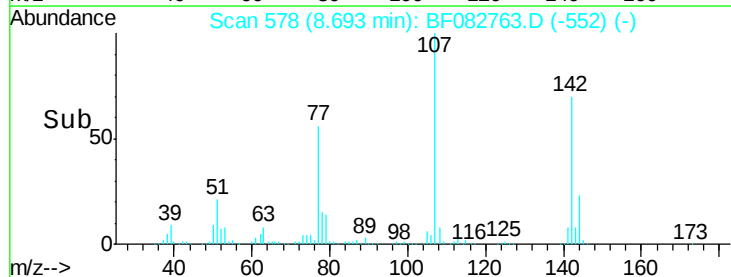
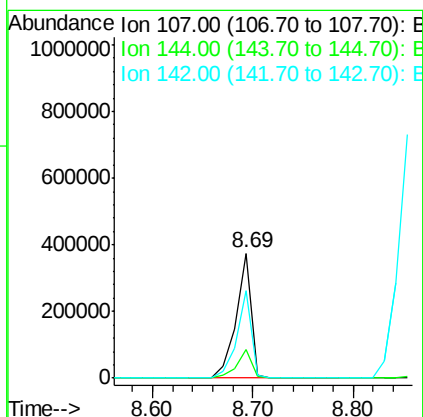
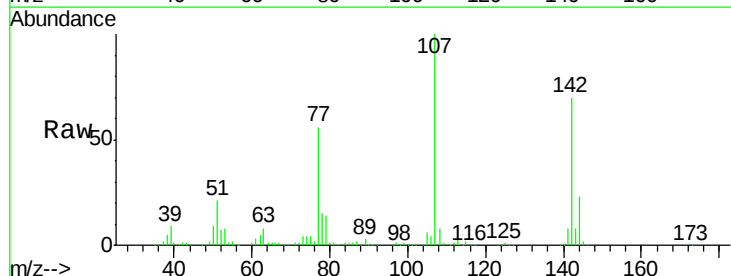
Instrument :
BNA_F
ClientSampleId :
PB86454BS

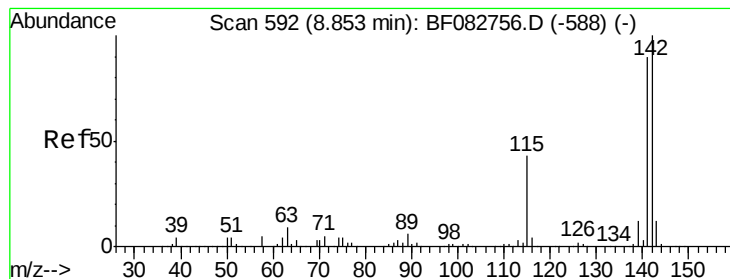
Tgt Ion:113 Resp: 109161
Ion Ratio Lower Upper
113 100
55 177.2 195.5 235.5#
56 138.6 153.5 193.5#



#36
4-Chloro-3-methylphenol
Concen: 33.92 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:107 Resp: 393141
Ion Ratio Lower Upper
107 100
144 22.9 15.4 23.0
142 70.4 47.8 71.8





#37

2-Methylnaphthalene

Concen: 33.53 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

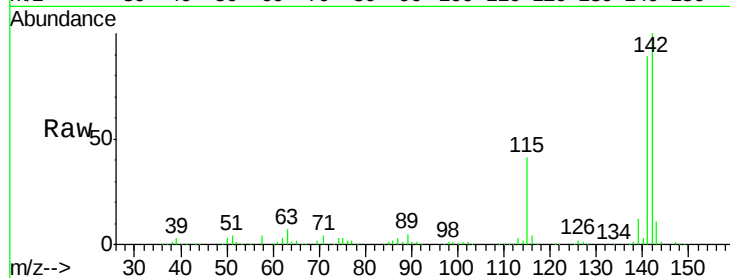
Tgt Ion:142 Resp: 740378

Ion Ratio Lower Upper

142 100

141 88.7 72.3 108.5

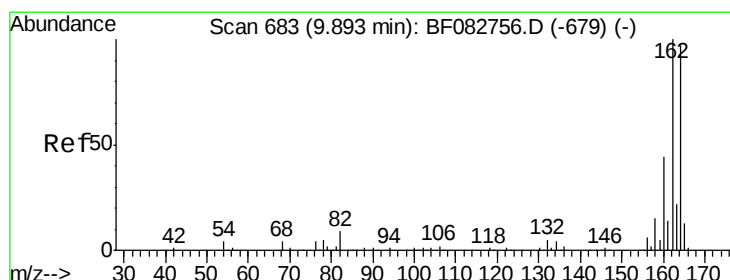
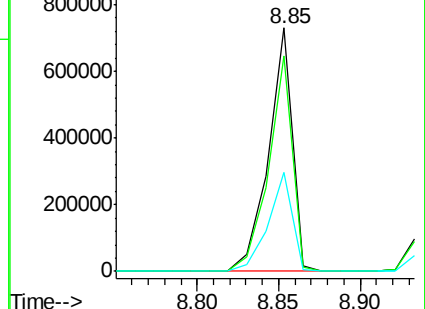
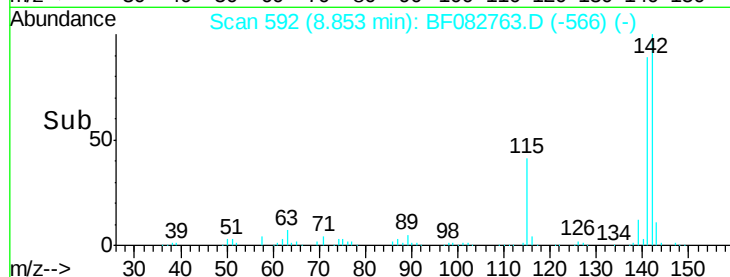
115 40.5 38.1 57.1



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: BF082763.D

Acq: 6 Nov 2015 16:05

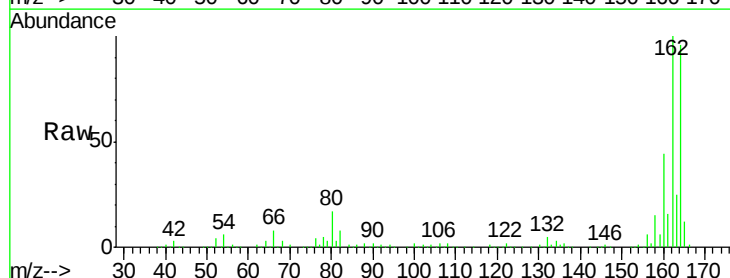
Tgt Ion:164 Resp: 349475

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

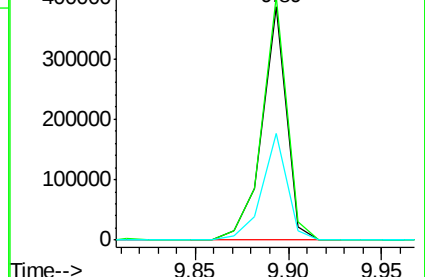
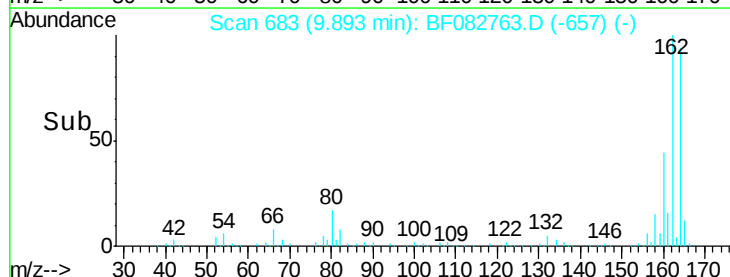
160 45.6 37.5 56.3

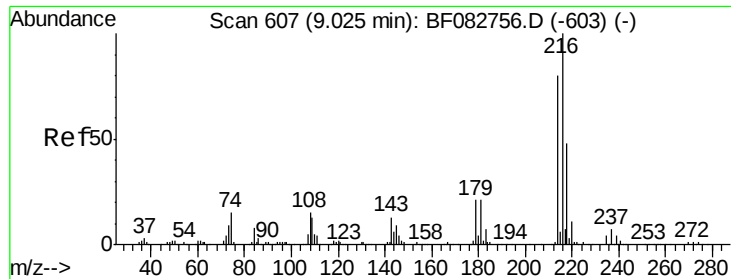


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

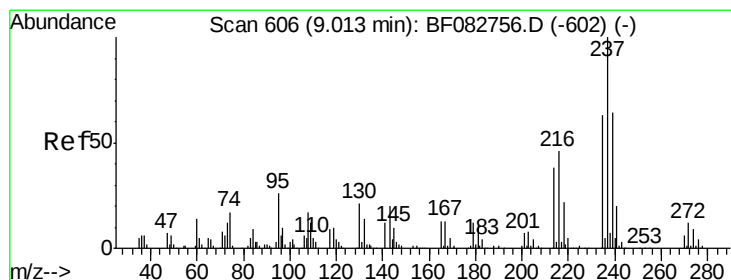
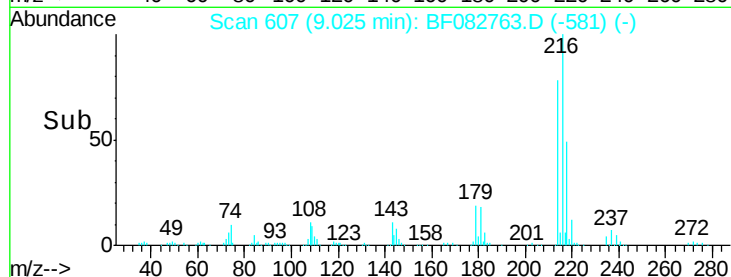
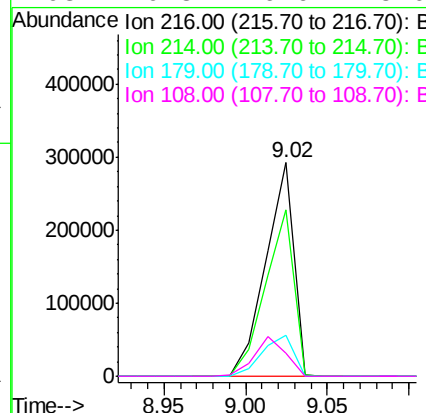
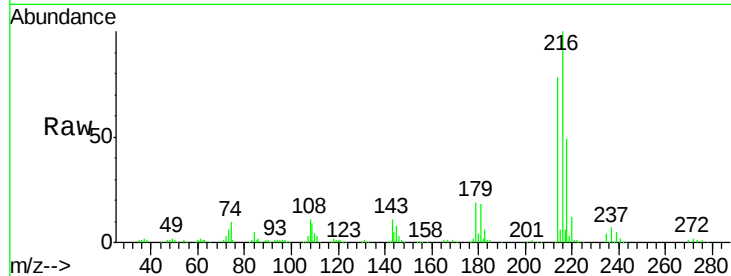




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.60 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

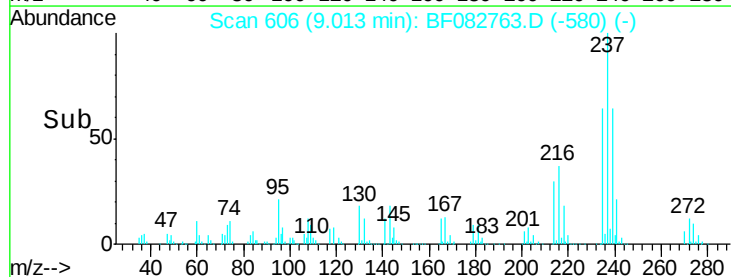
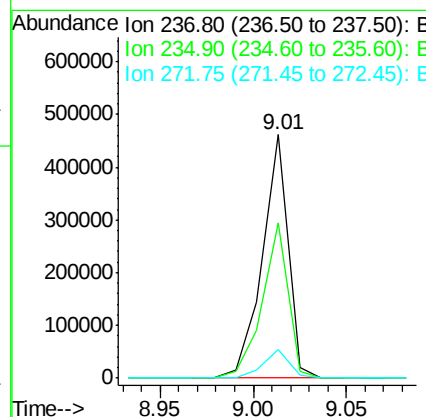
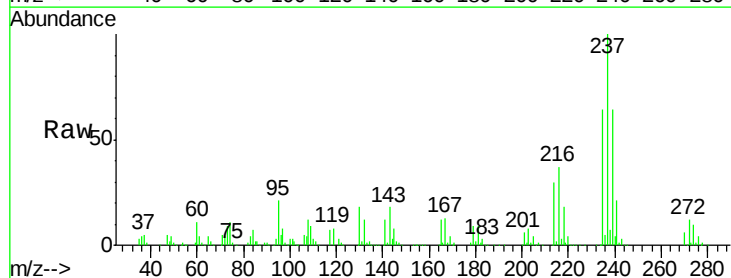
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

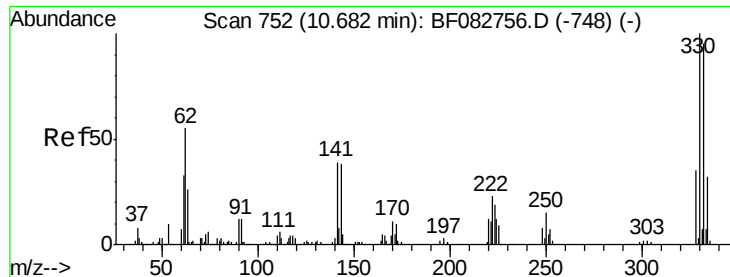
Tgt Ion:	216	Resp:	351455
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.2	93.2
179	21.2	18.1	27.1
108	20.8	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 71.58 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:	237	Resp:	441619
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.3	84.3
272	11.9	0.0	31.9

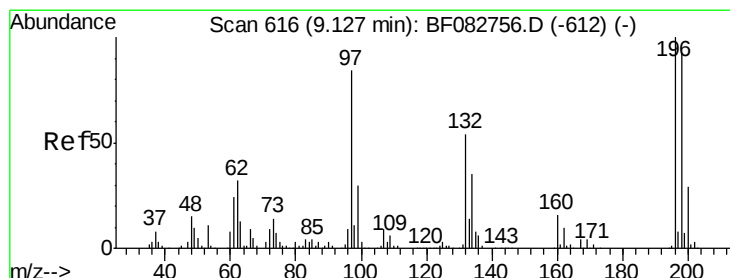
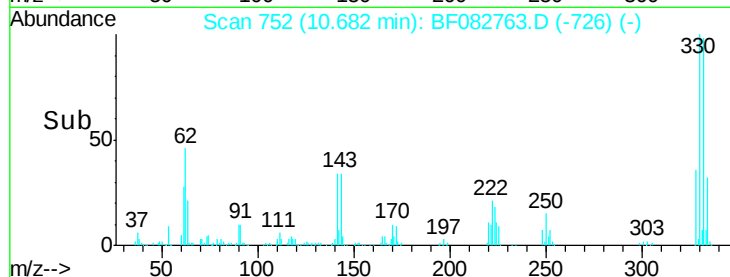
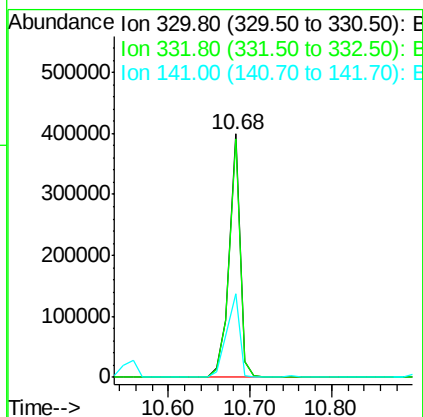
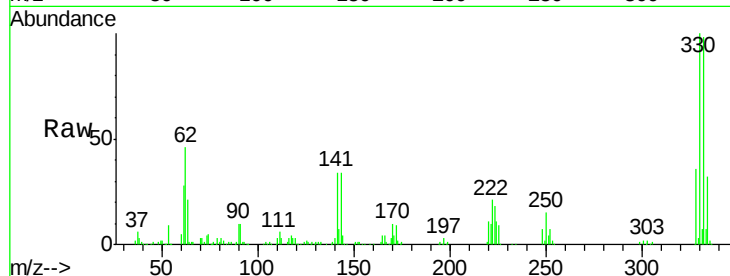




#41
 2,4,6-Tribromophenol
 Concen: 92.90 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

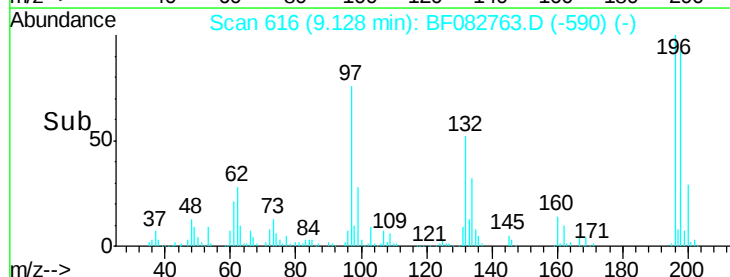
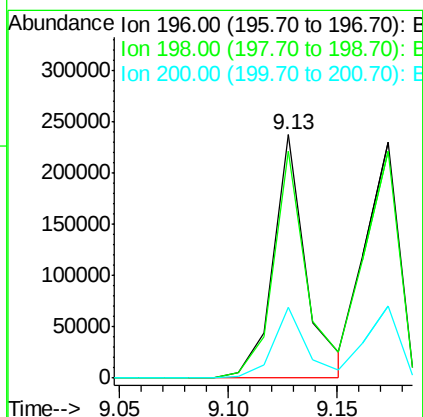
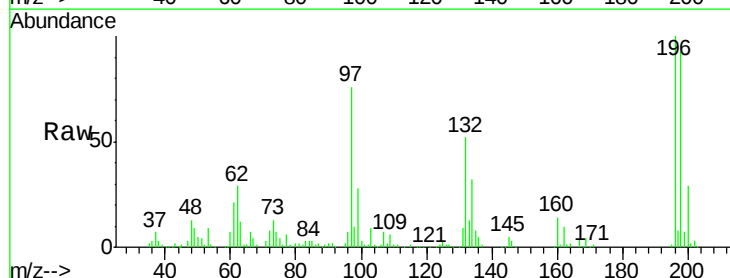
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:330 Resp: 372240
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 40.6 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 29.30 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:196 Resp: 251195
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.3 114.5
 200 29.2 23.9 35.9

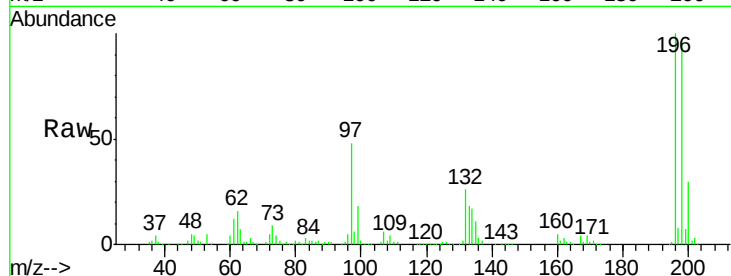




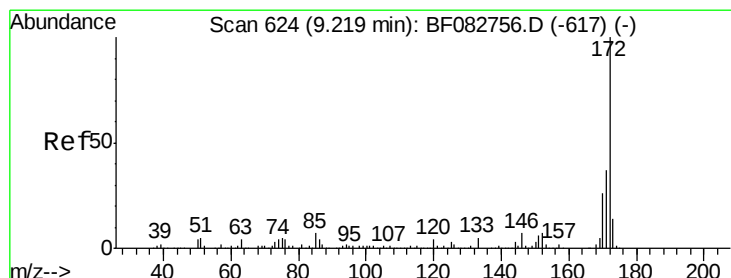
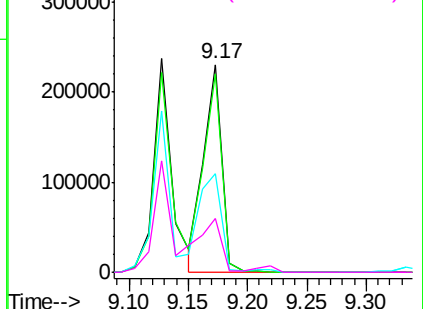
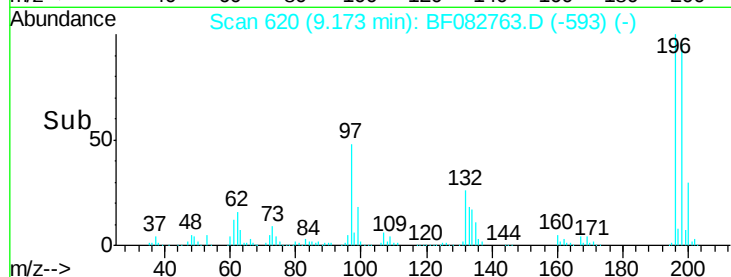
#43
 2,4,5-Trichlorophenol
 Concen: 29.46 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:196 Resp: 249773
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.8 113.8
 97 47.8 62.3 93.5#
 132 26.1 27.4 41.2#

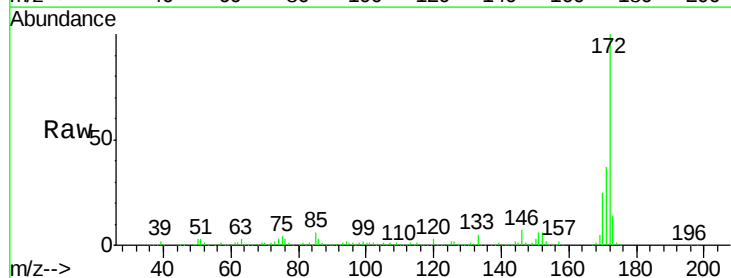


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

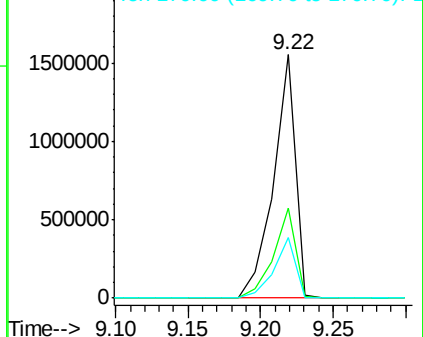
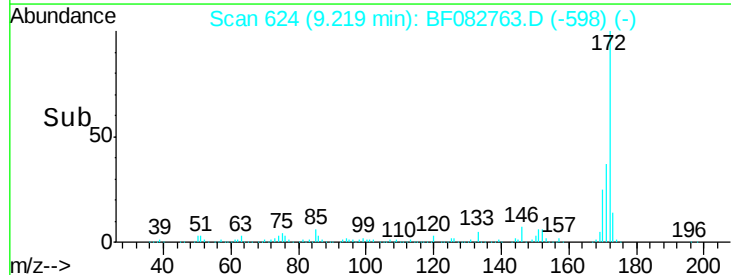


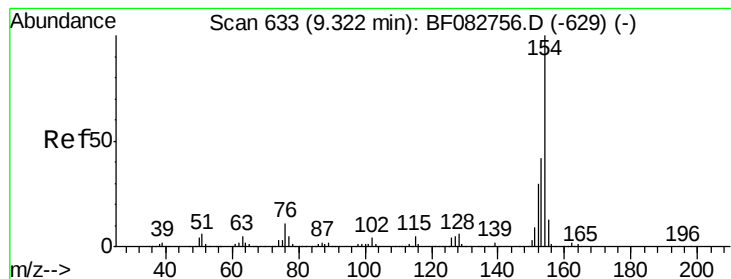
#44
 2-Fluorobiphenyl
 Concen: 66.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:172 Resp: 1628268
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.8 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 28.32 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

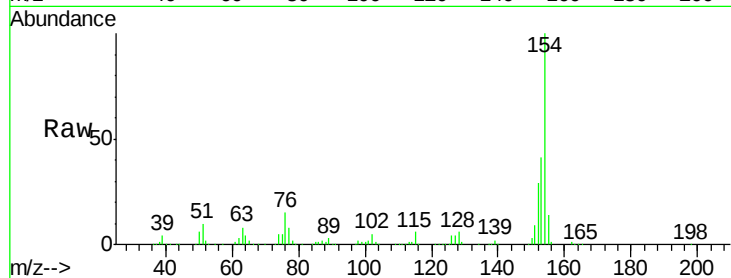
Tgt Ion:154 Resp: 849300

Ion Ratio Lower Upper

154 100

153 41.4 22.0 62.0

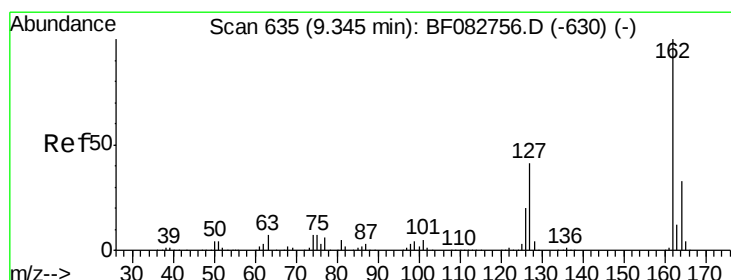
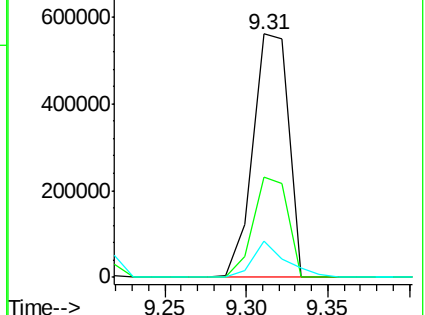
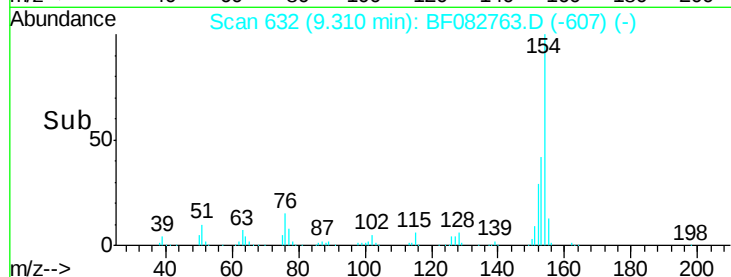
76 15.1 0.0 29.0



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: 28.86 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

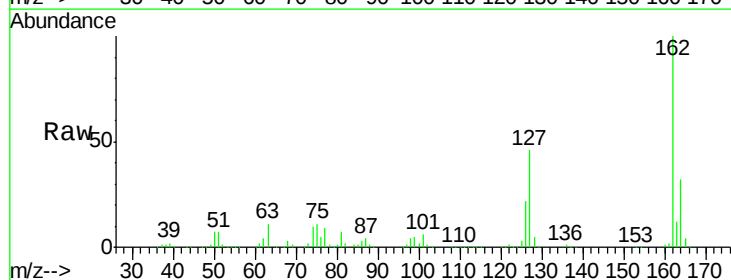
Tgt Ion:162 Resp: 675028

Ion Ratio Lower Upper

162 100

127 46.0 32.7 49.1

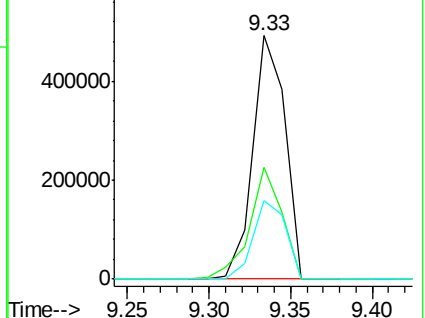
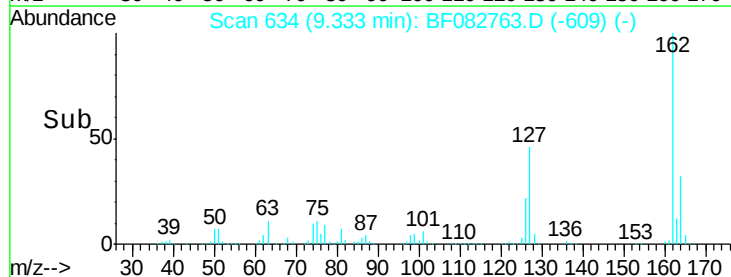
164 32.2 27.4 41.0

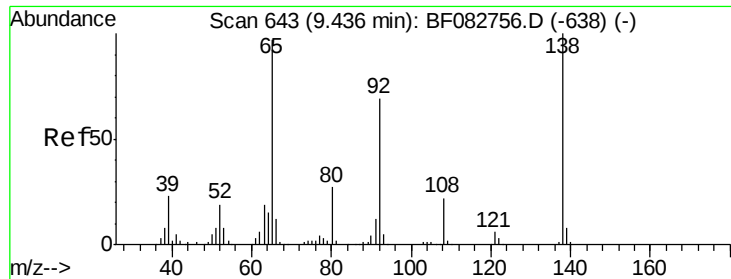


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

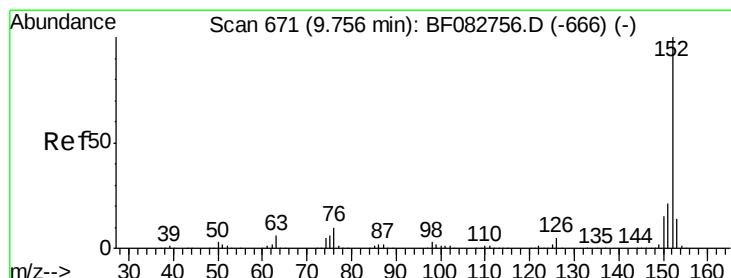
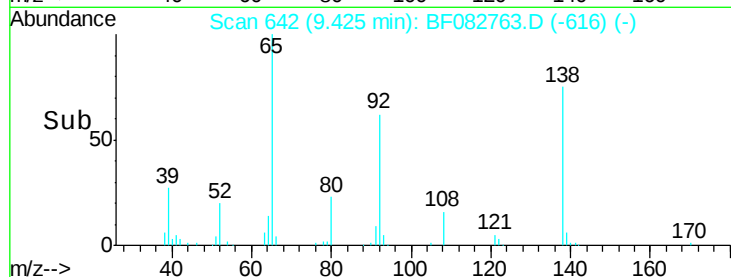
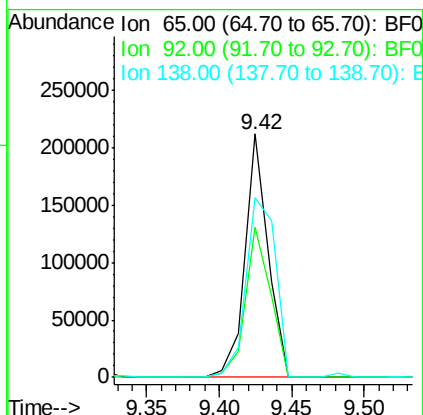
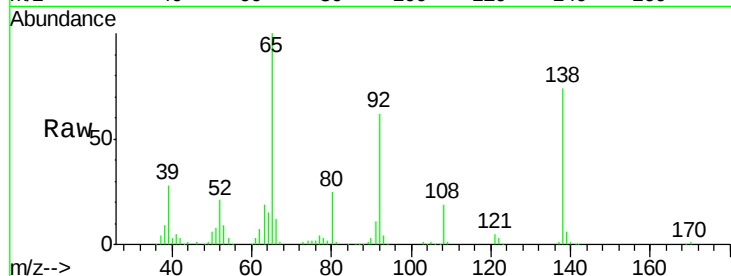




#47
2-Nitroaniline
Concen: 26.85 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

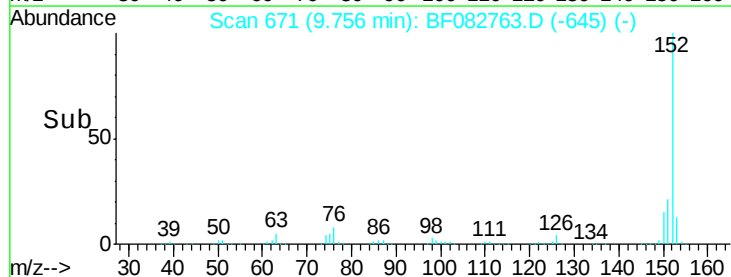
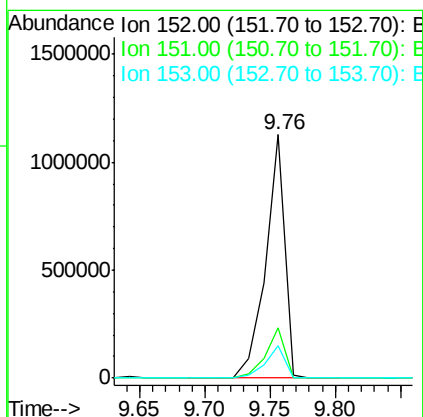
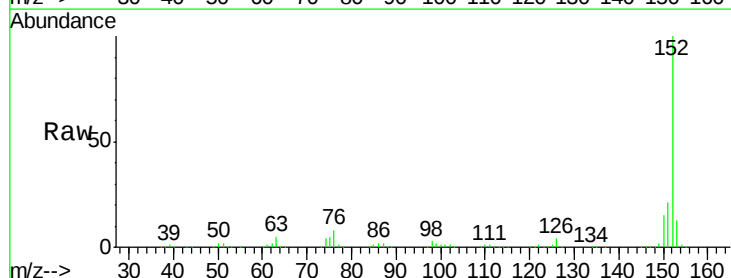
Instrument :
BNA_F
ClientSampleId :
PB86454BS

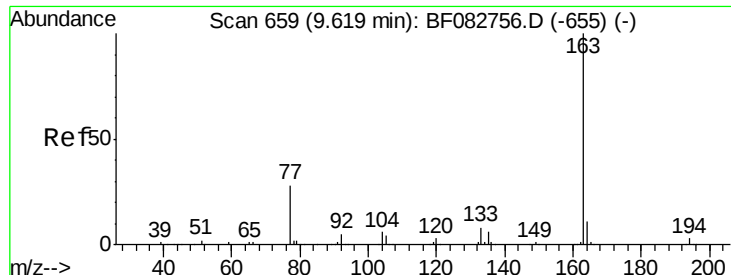
Tgt Ion: 65 Resp: 232977
Ion Ratio Lower Upper
65 100
92 61.6 46.6 70.0
138 73.7 54.6 81.8



#48
Acenaphthylene
Concen: 31.40 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion: 152 Resp: 1151189
Ion Ratio Lower Upper
152 100
151 20.8 17.3 25.9
153 13.4 11.3 16.9





#49

Dimethylphthalate

Concen: 30.40 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

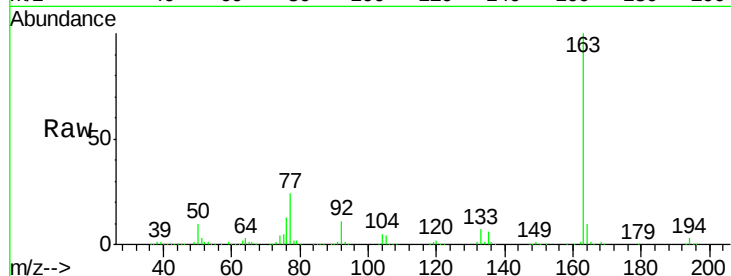
Tgt Ion:163 Resp: 870523

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

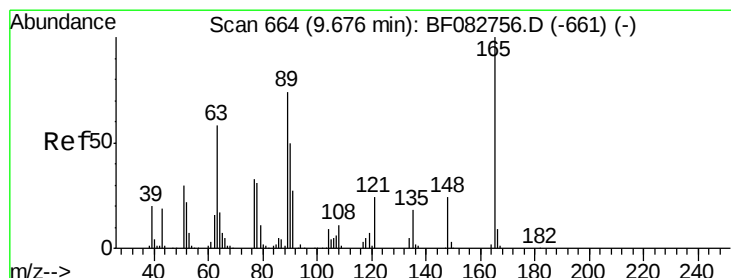
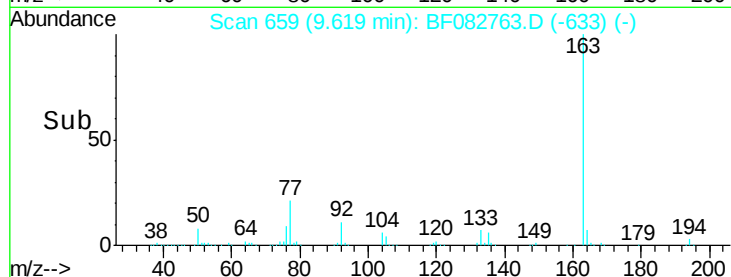
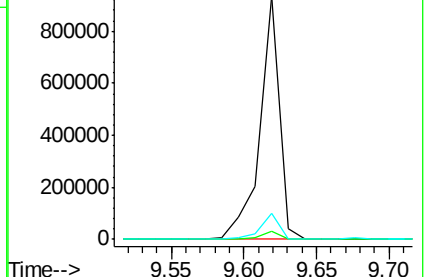
164 10.5 8.7 13.1



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: 32.55 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

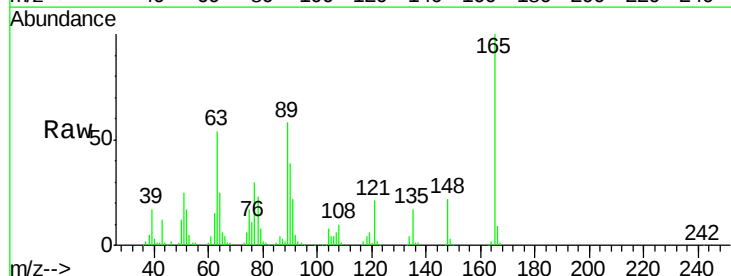
Tgt Ion:165 Resp: 198881

Ion Ratio Lower Upper

165 100

63 53.5 55.5 83.3#

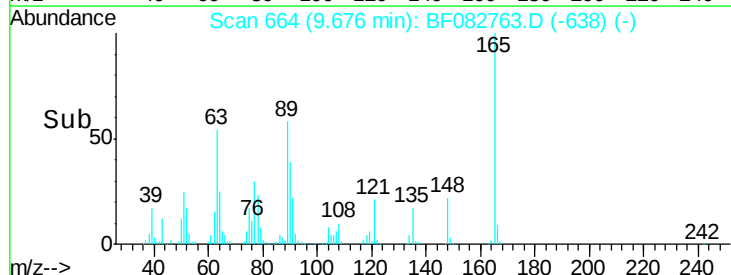
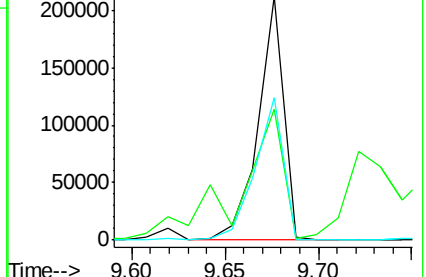
89 58.4 55.0 82.6

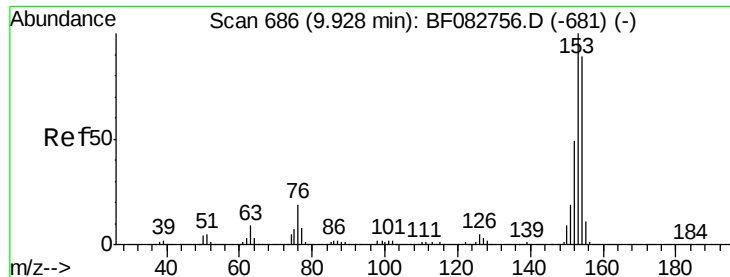


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.20 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

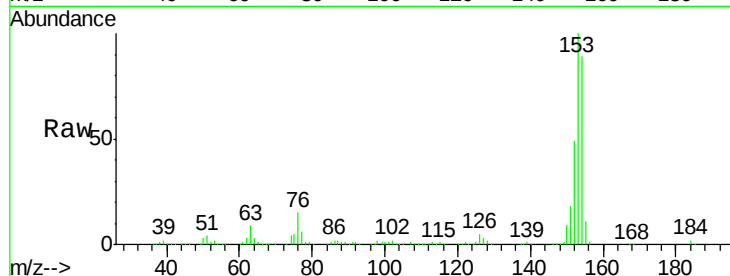
Tgt Ion:154 Resp: 840975

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

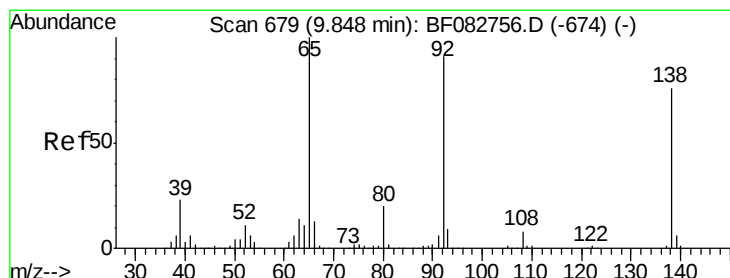
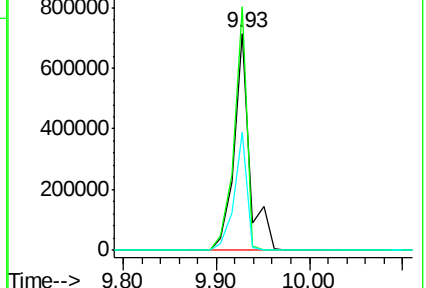
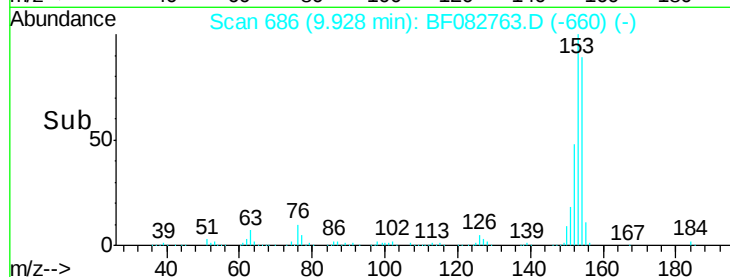
152 54.6 44.3 66.5



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: 17.23 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

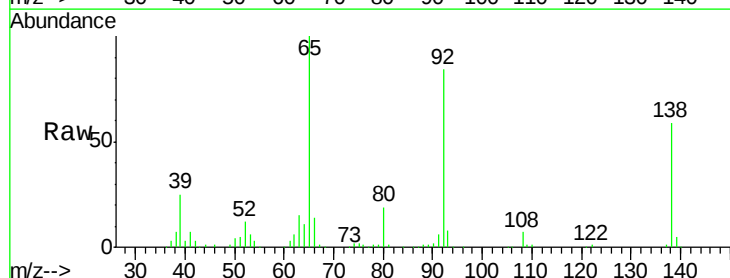
Tgt Ion:138 Resp: 115788

Ion Ratio Lower Upper

138 100

108 12.2 11.3 16.9

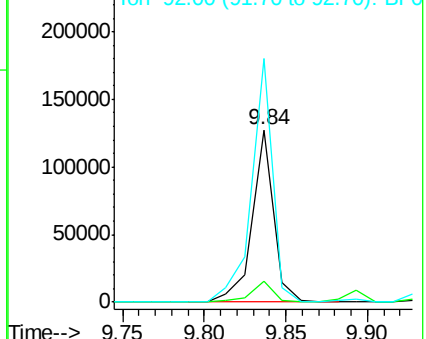
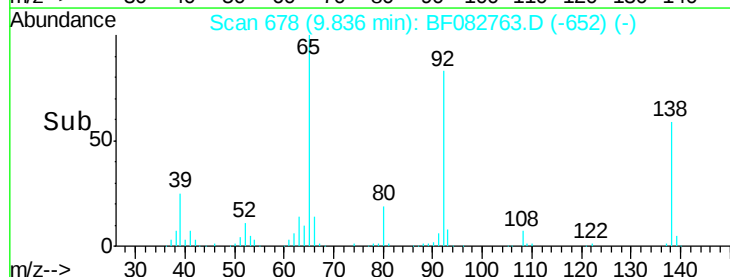
92 141.5 122.4 183.6

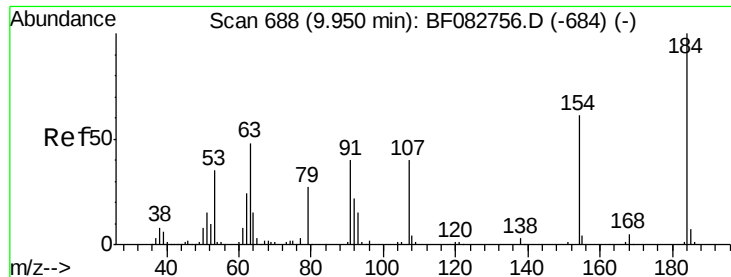


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

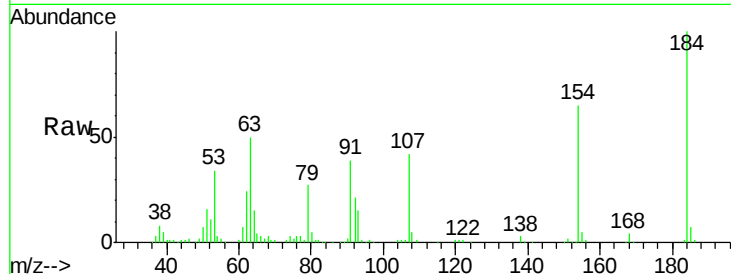




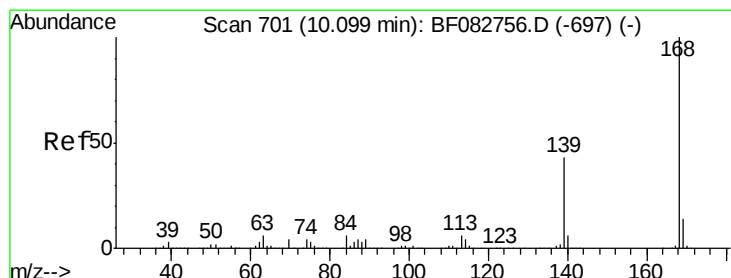
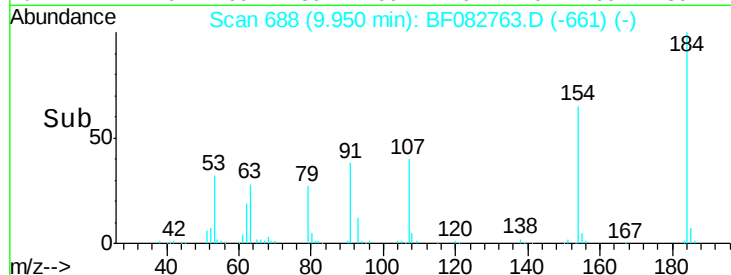
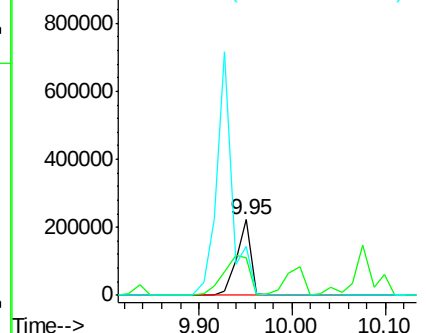
#53
 2,4-Dinitrophenol
 Concen: 71.21 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:184 Resp: 238861
 Ion Ratio Lower Upper
 184 100
 63 50.0 98.6 148.0#
 154 65.4 183.9 275.9#

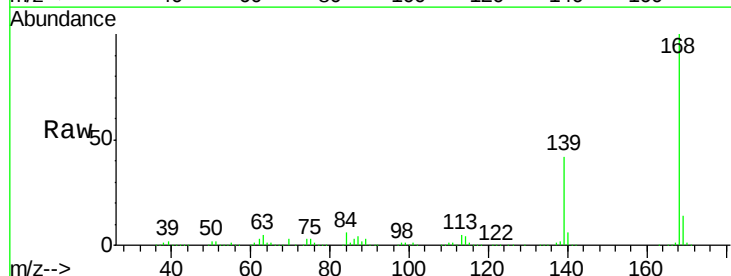


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

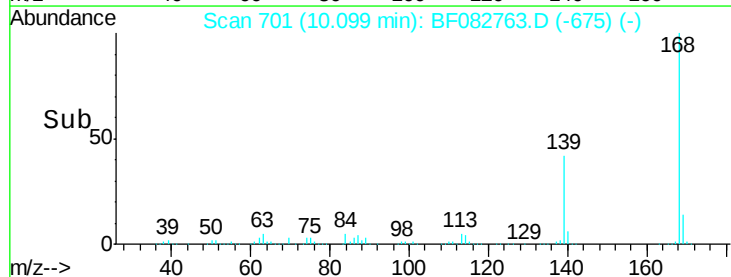
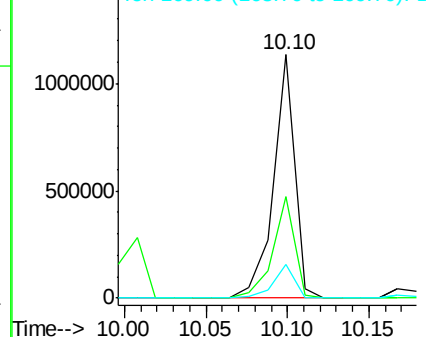


#54
 Dibenzofuran
 Concen: 32.93 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:168 Resp: 1031483
 Ion Ratio Lower Upper
 168 100
 139 41.8 37.8 56.6
 169 13.8 11.3 16.9



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

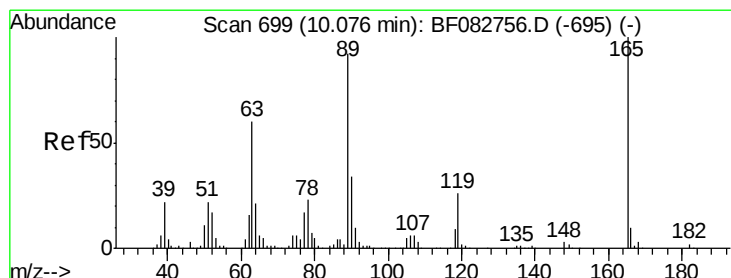
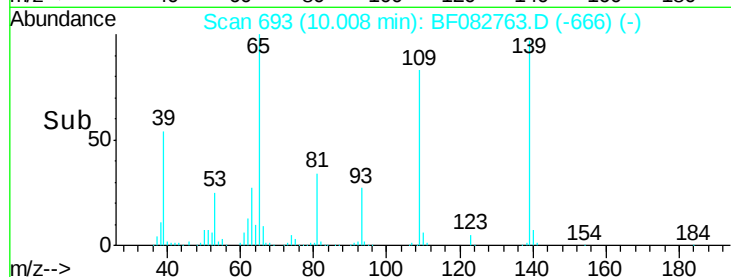
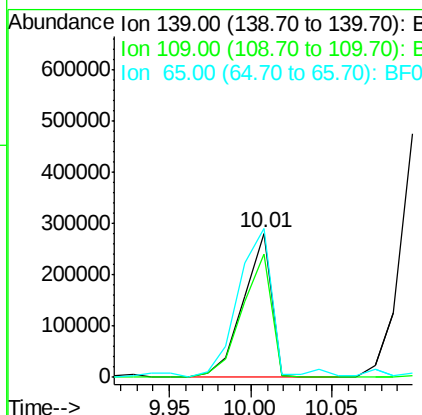
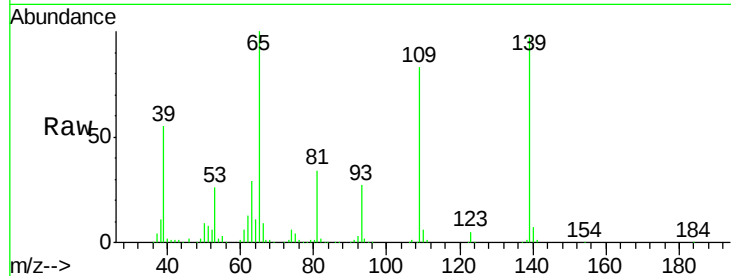




#55
4-Nitrophenol
Concen: 65.64 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

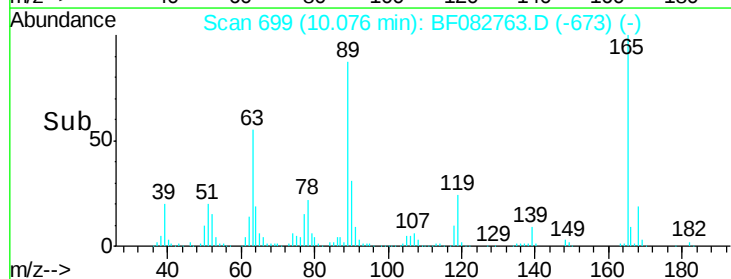
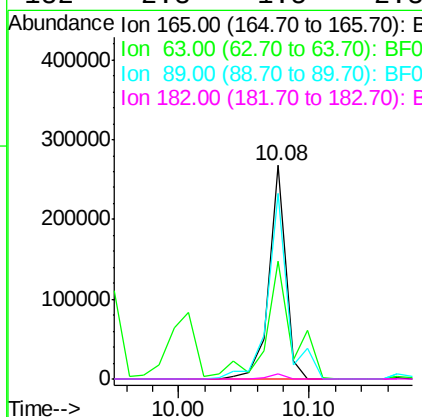
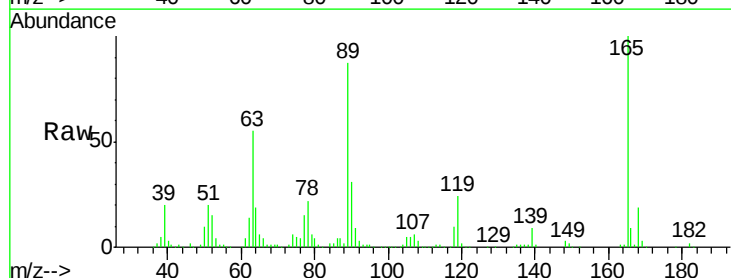
Instrument :
BNA_F
ClientSampleId :
PB86454BS

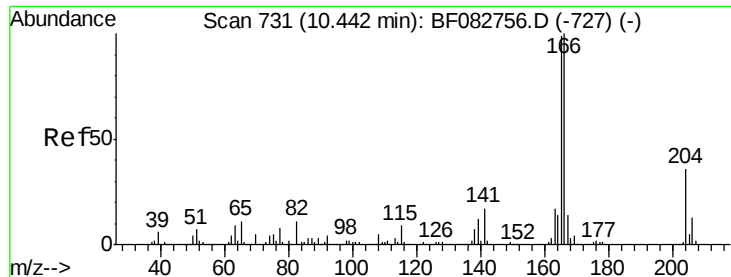
Tgt Ion:139 Resp: 338326
Ion Ratio Lower Upper
139 100
109 85.4 73.7 113.7
65 102.9 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 29.23 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:165 Resp: 242322
Ion Ratio Lower Upper
165 100
63 55.4 43.4 65.0
89 86.7 70.6 106.0
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 33.57 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

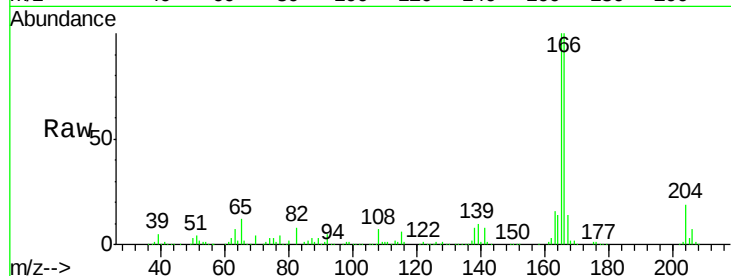
Tgt Ion:166 Resp: 851675

Ion Ratio Lower Upper

166 100

165 100.3 80.2 120.4

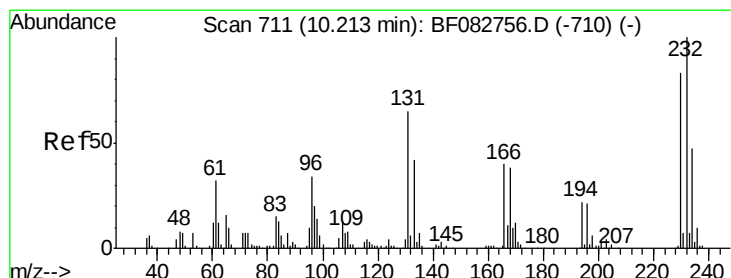
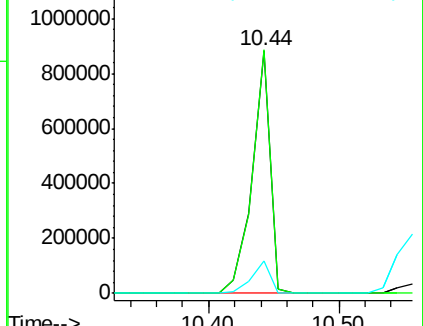
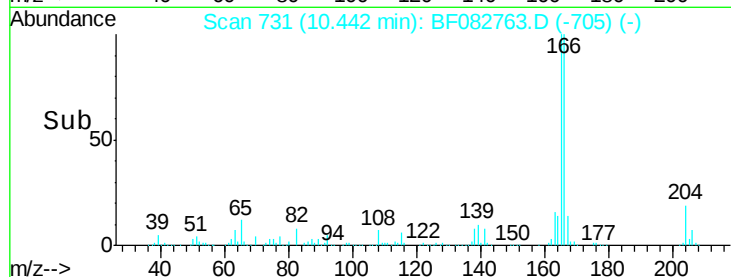
167 13.6 11.2 16.8



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: 30.97 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion:232 Resp: 214309

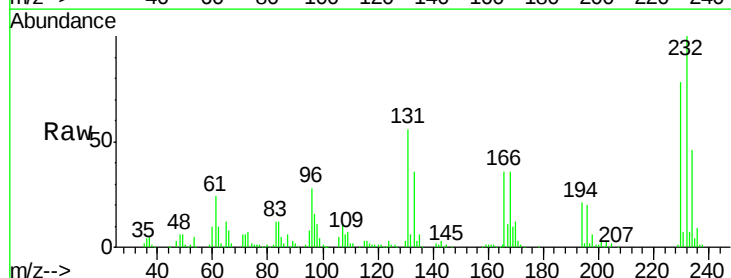
Ion Ratio Lower Upper

232 100

131 49.6 46.2 69.2

130 2.4 2.4 3.6

166 32.5 28.2 42.2

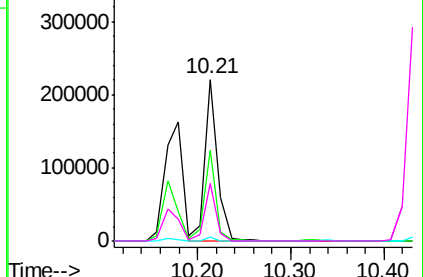
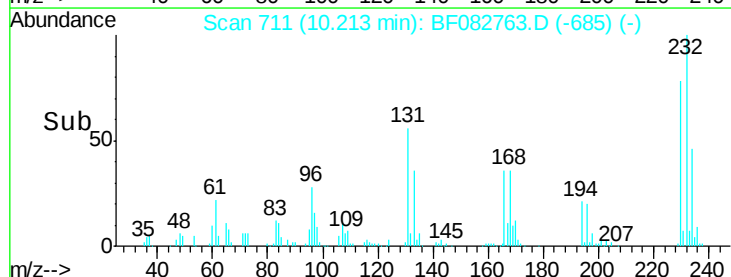


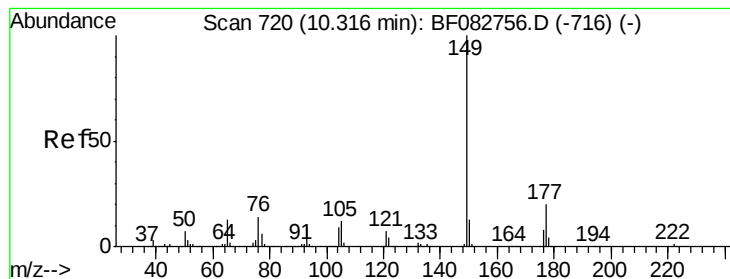
Abundance Ion 232.00 (231.70 to 232.70): E

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: 29.61 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

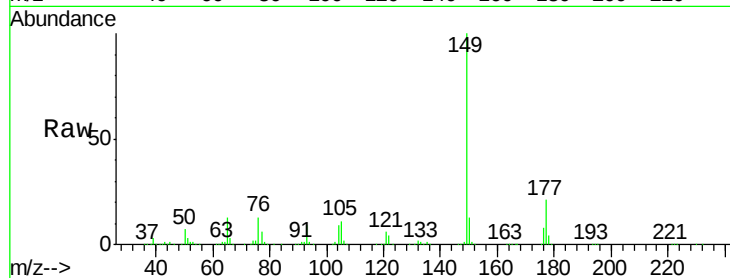
Tgt Ion:149 Resp: 827798

Ion Ratio Lower Upper

149 100

177 21.2 17.9 26.9

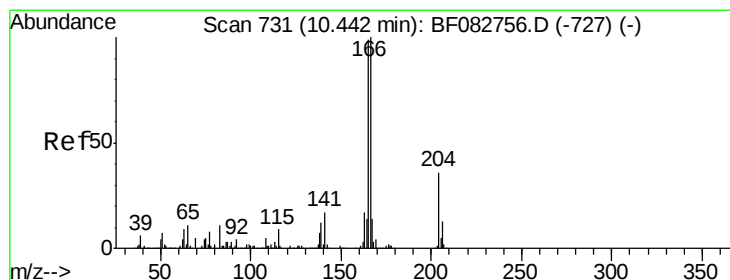
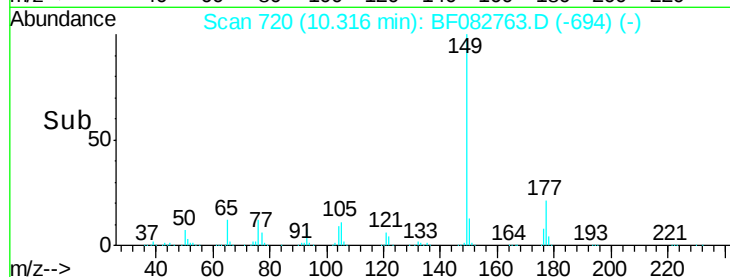
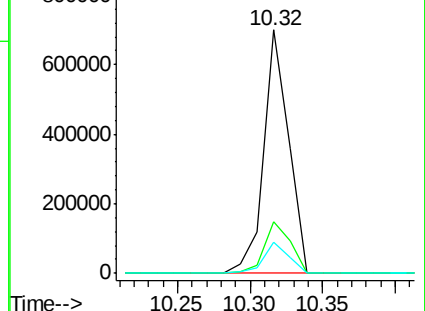
150 12.9 10.1 15.1



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: 28.72 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

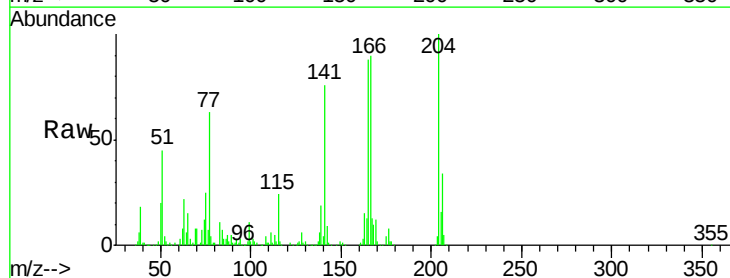
Tgt Ion:204 Resp: 364542

Ion Ratio Lower Upper

204 100

206 34.1 28.5 42.7

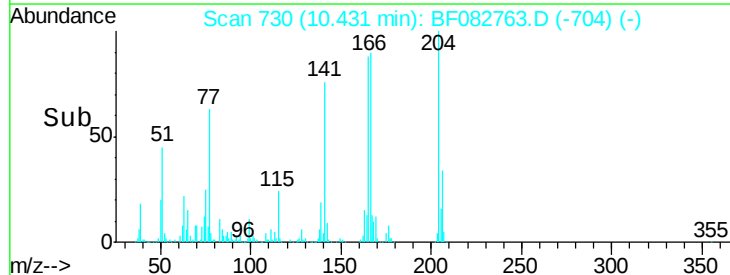
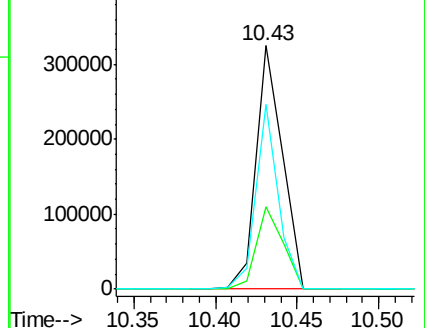
141 75.7 44.6 66.8#

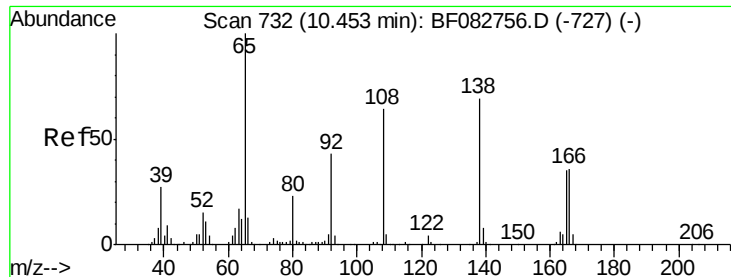


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.85 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

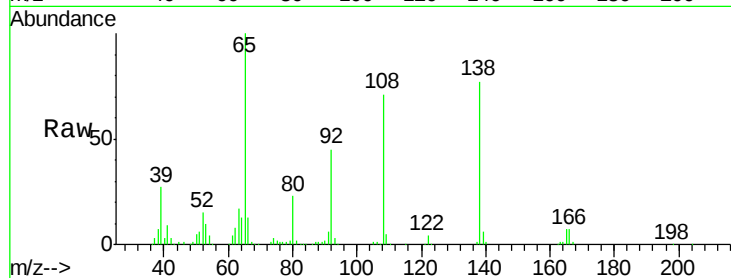
Tgt Ion:138 Resp: 188190

Ion Ratio Lower Upper

138 100

92 58.2 45.8 85.8

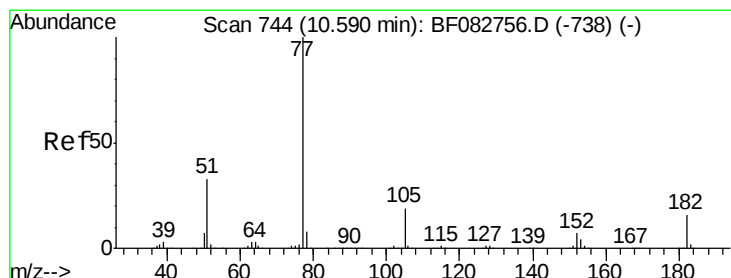
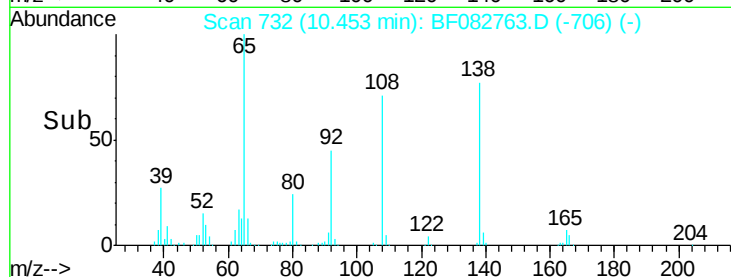
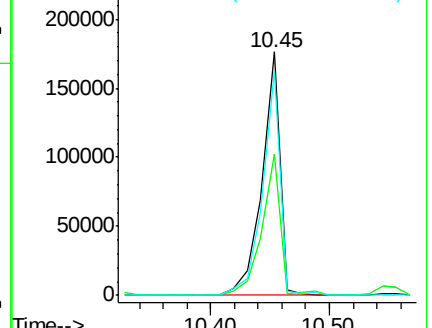
108 92.3 89.4 129.4



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: 31.26 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Tgt Ion: 77 Resp: 938811

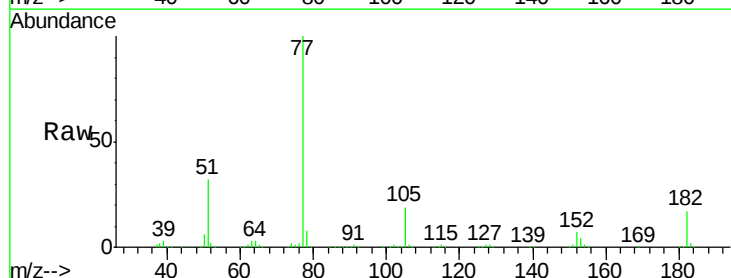
Ion Ratio Lower Upper

77 100

182 17.0 9.3 49.3

105 19.1 2.6 42.6

51 32.0 9.9 49.9

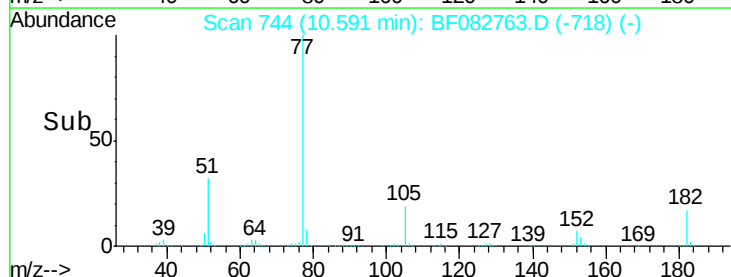
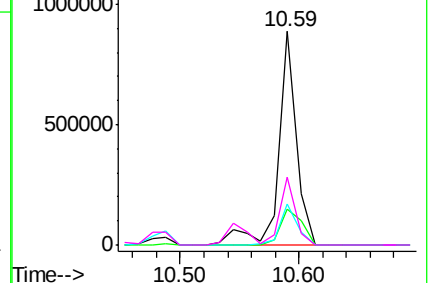


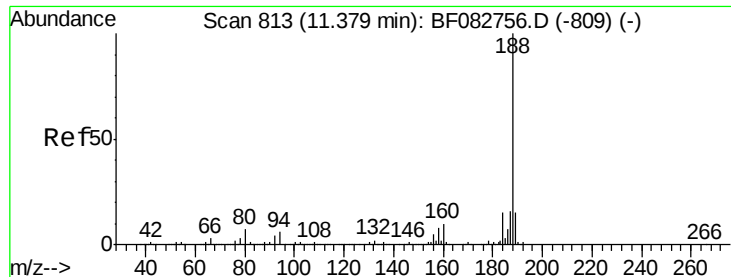
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

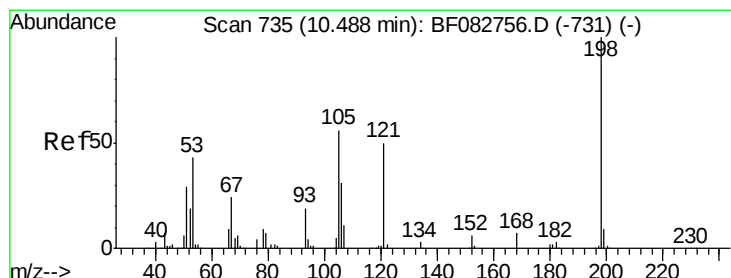
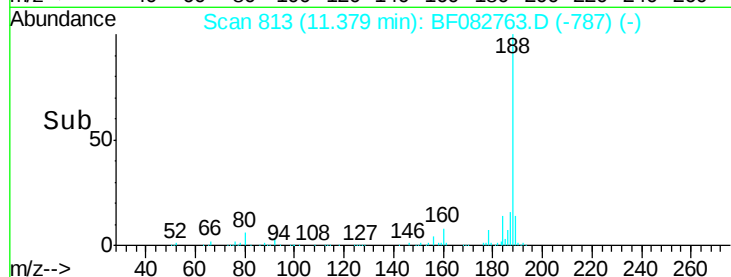
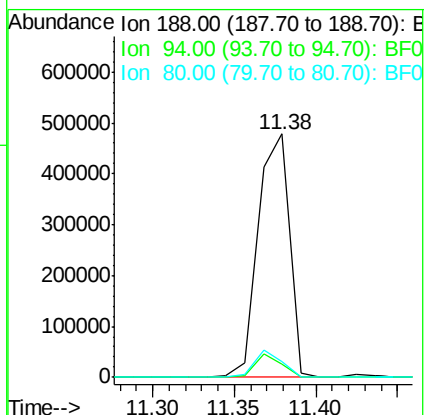
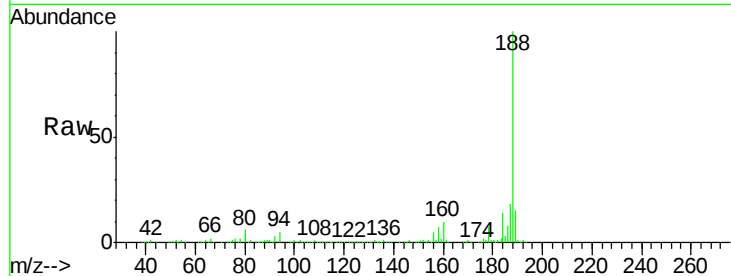




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

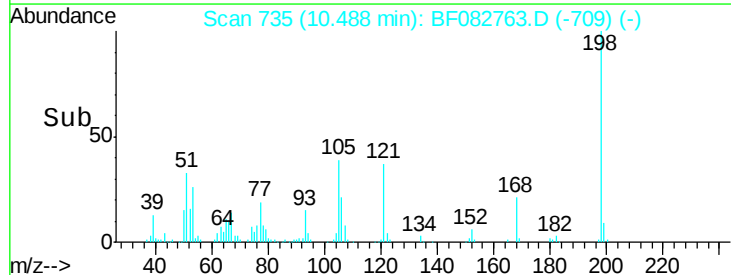
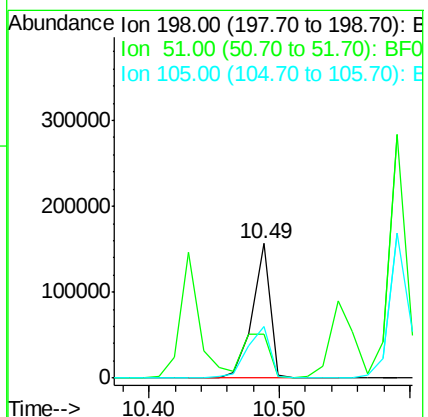
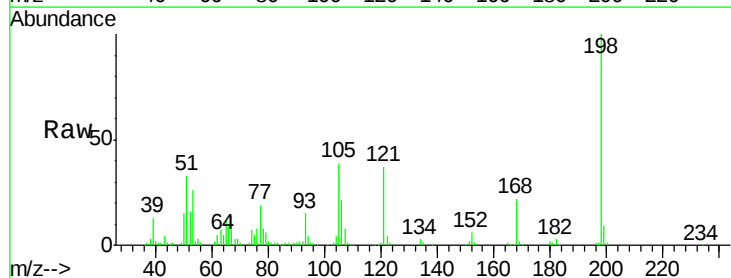
Instrument :
BNA_F
ClientSampleId :
PB86454BS

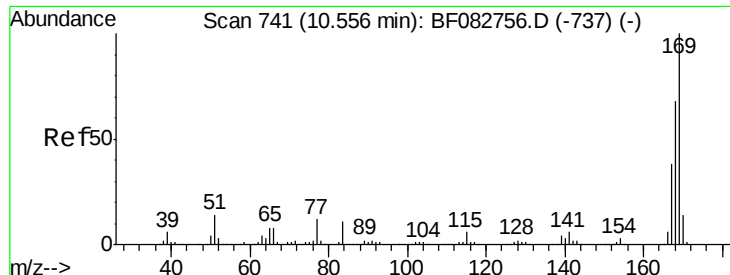
Tgt Ion:188 Resp: 641344
Ion Ratio Lower Upper
188 100
94 5.3 6.1 9.1#
80 6.2 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.95 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:198 Resp: 150534
Ion Ratio Lower Upper
198 100
51 32.7 17.3 57.3
105 38.7 21.7 61.7

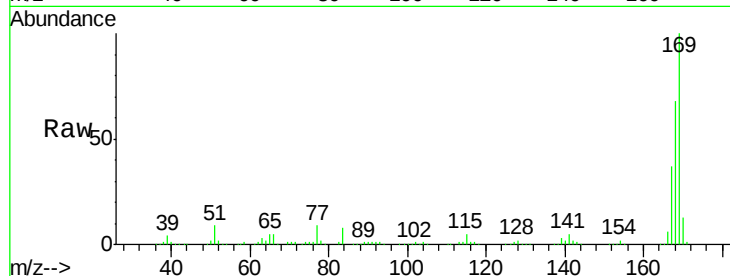




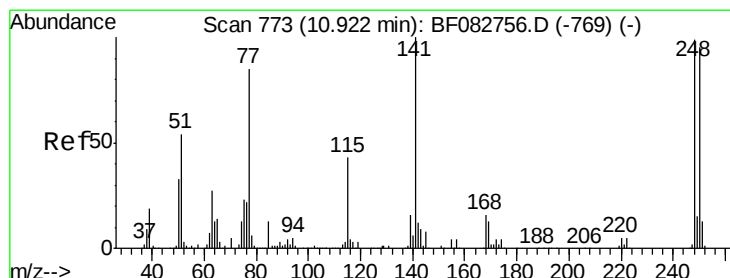
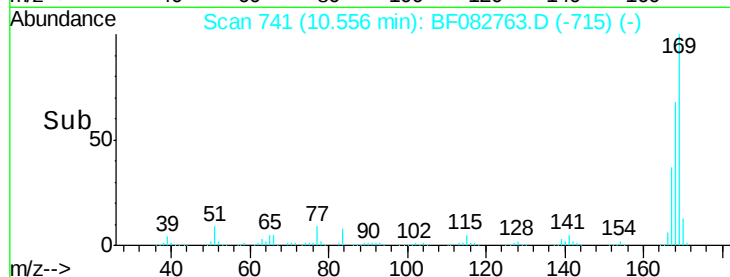
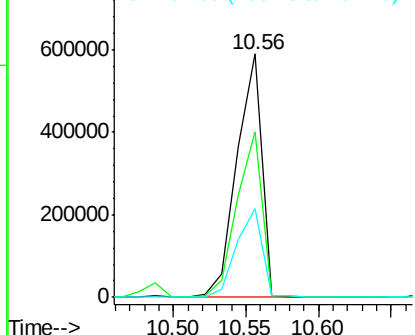
#65
 n-Nitrosodiphenylamine
 Concen: 30.41 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:169 Resp: 704661
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.0 82.6
 167 36.7 30.5 45.7

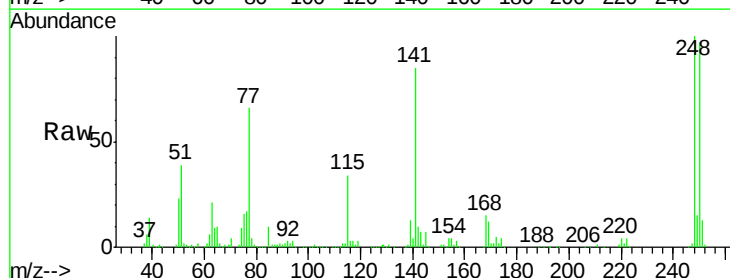


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

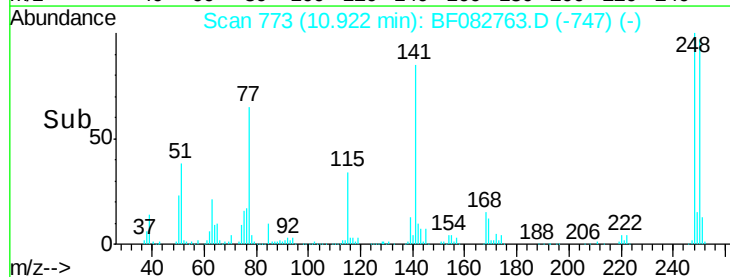
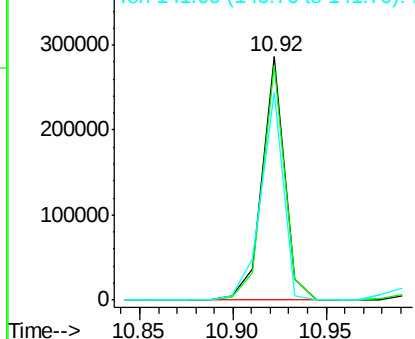


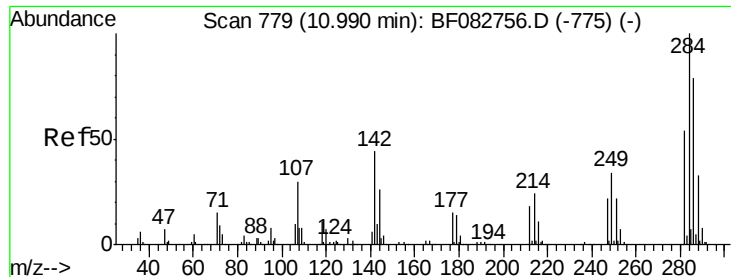
#66
 4-Bromophenyl-phenylether
 Concen: 31.18 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:248 Resp: 240771
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.4 119.2
 141 85.4 36.3 54.5#



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





#67

Hexachlorobenzene

Concen: 31.77 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

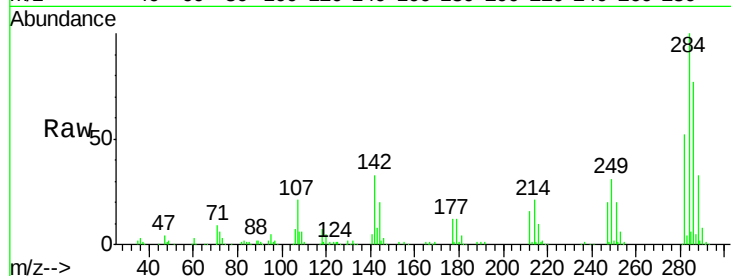
Tgt Ion:284 Resp: 273947

Ion Ratio Lower Upper

284 100

142 33.2 47.9 71.9#

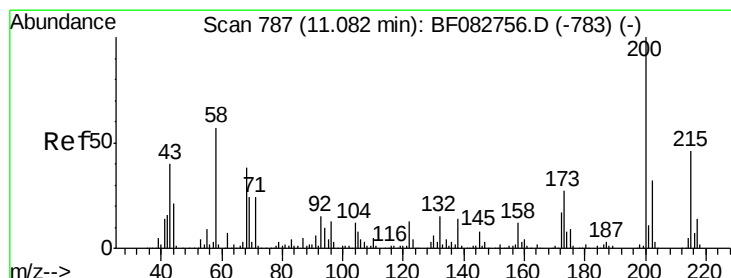
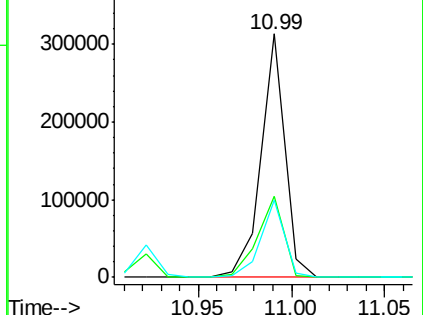
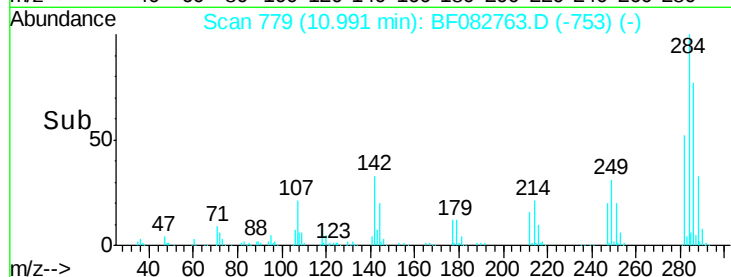
249 31.5 29.7 44.5



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: 37.00 ng

RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

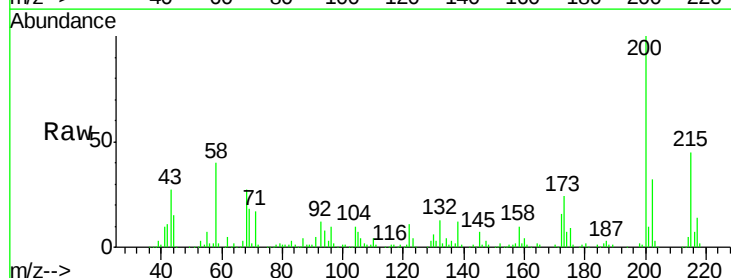
Tgt Ion:200 Resp: 265058

Ion Ratio Lower Upper

200 100

173 24.5 6.9 46.9

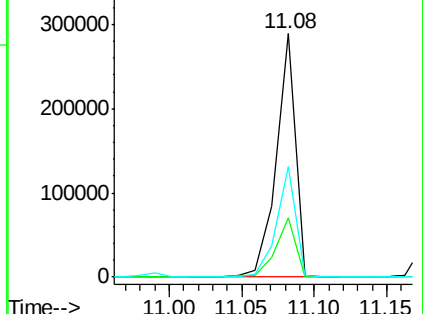
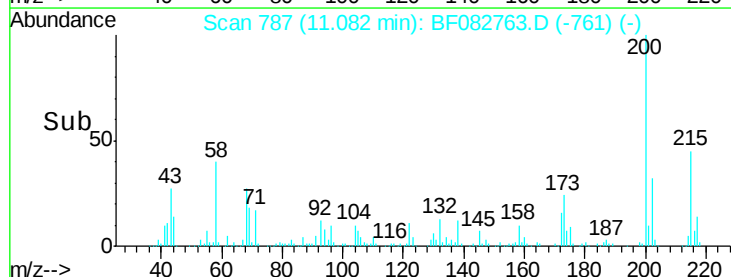
215 45.3 22.9 62.9



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

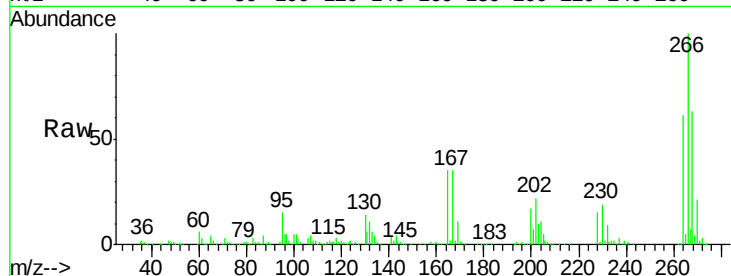




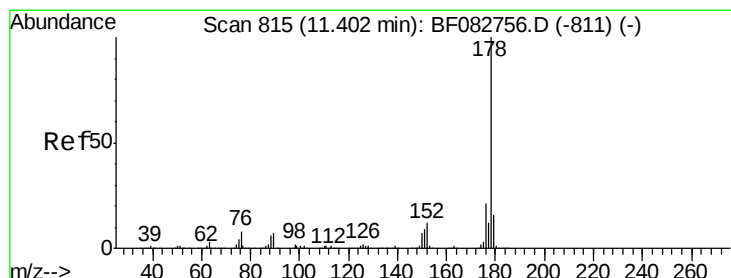
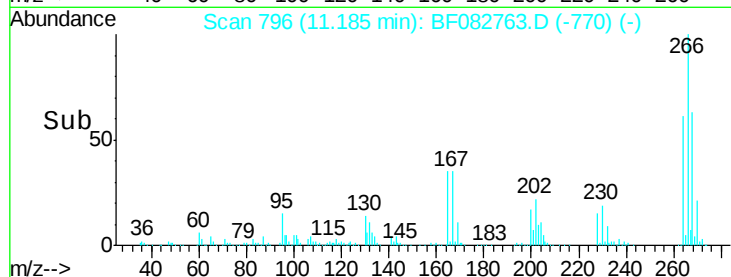
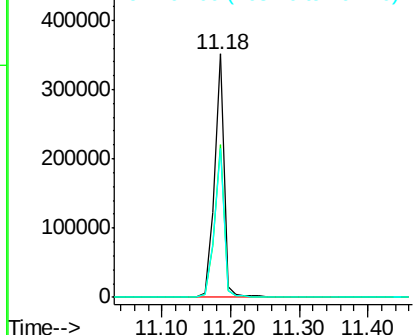
#69
 Pentachlorophenol
 Concen: 67.02 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:266 Resp: 350916
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 61.0 50.6 75.8

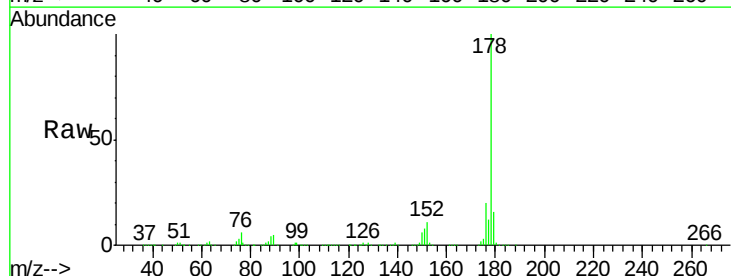


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

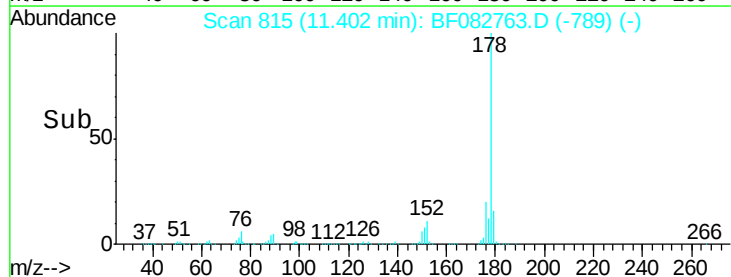
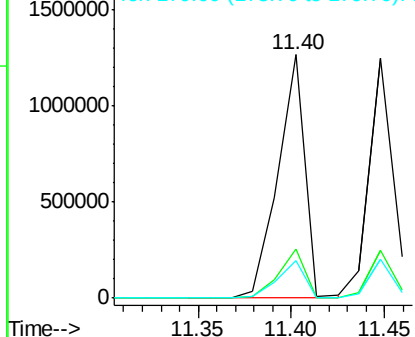


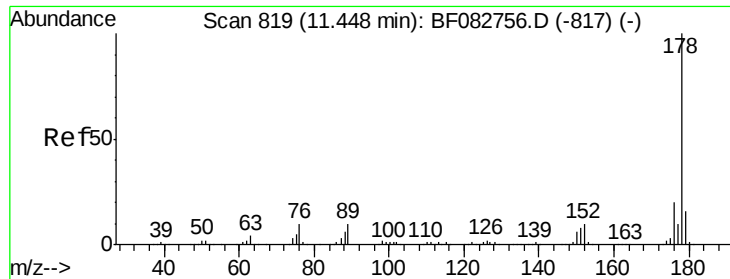
#70
 Phenanthrene
 Concen: 34.08 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:178 Resp: 1269201
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.0 25.4
 179 15.6 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

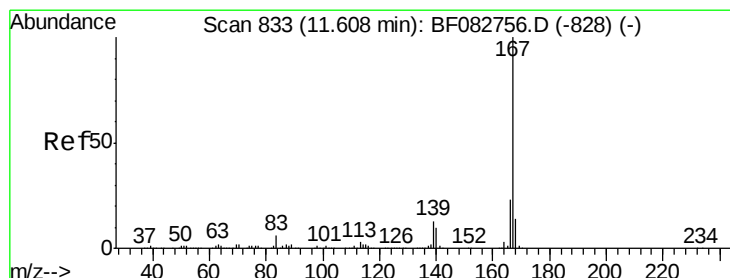
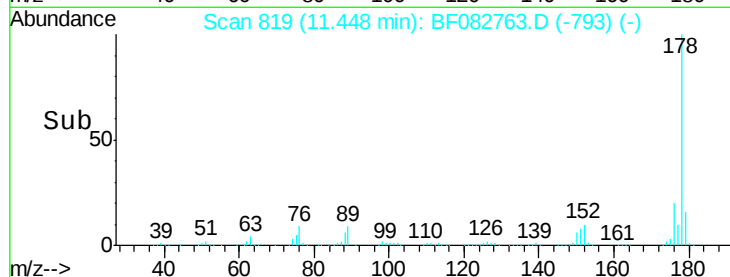
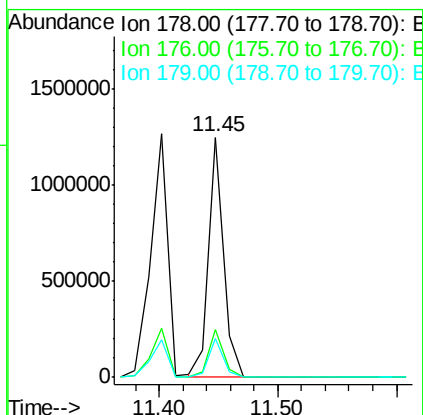
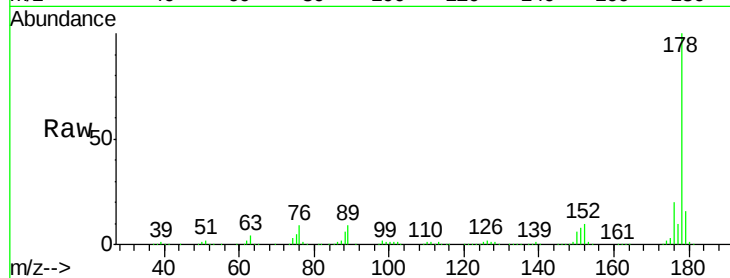




#71
 Anthracene
 Concen: 28.22 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

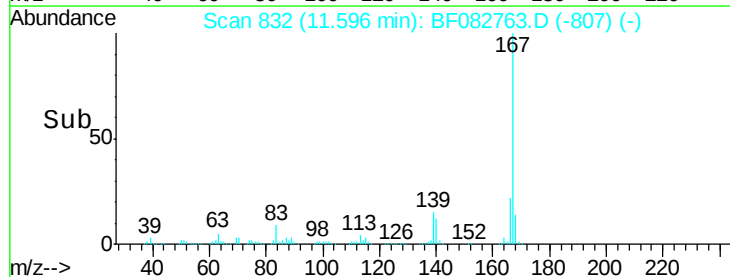
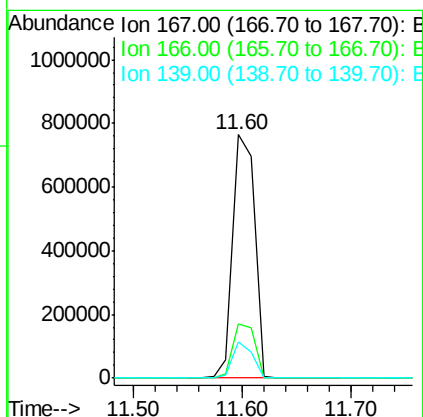
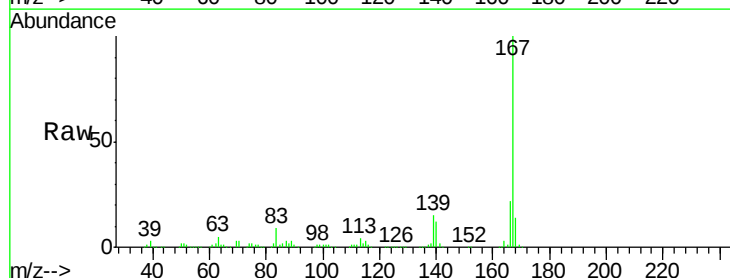
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

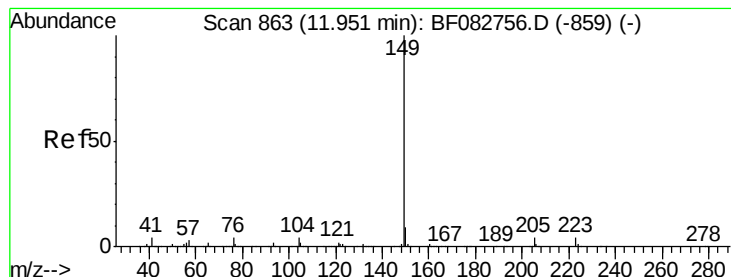
Tgt Ion:178 Resp: 1107169
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 16.3 13.2 19.8



#72
 Carbazole
 Concen: 30.58 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:167 Resp: 1050334
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 15.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 29.44 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleID :

PB86454BS

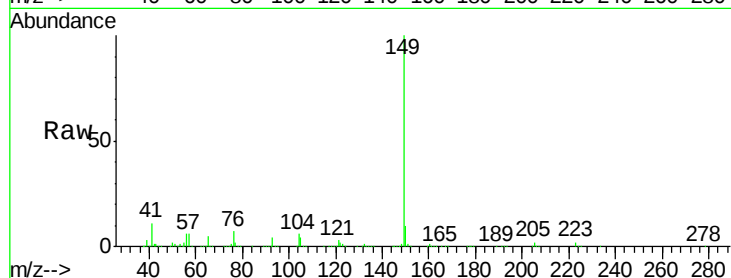
Tgt Ion:149 Resp: 1259708

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

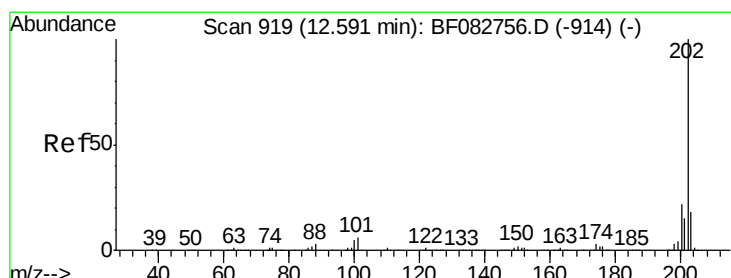
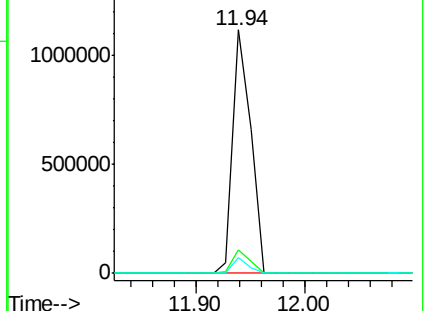
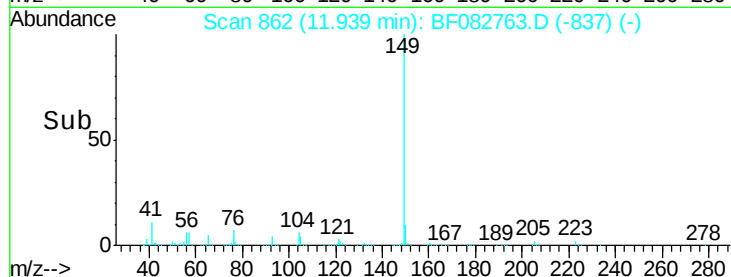
104 6.2 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 30.50 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

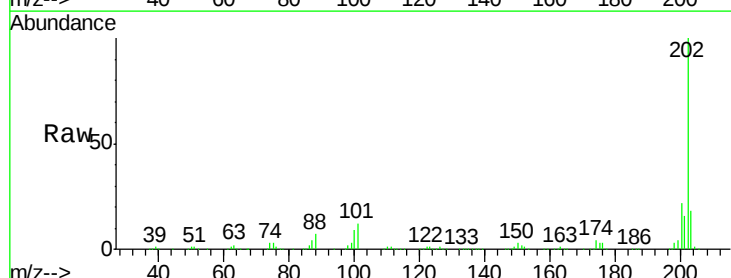
Tgt Ion:202 Resp: 1219088

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.5

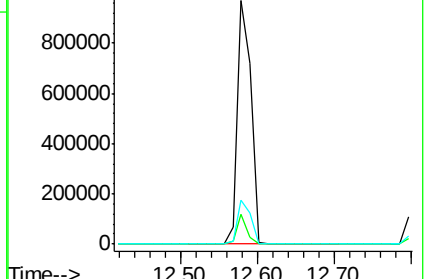
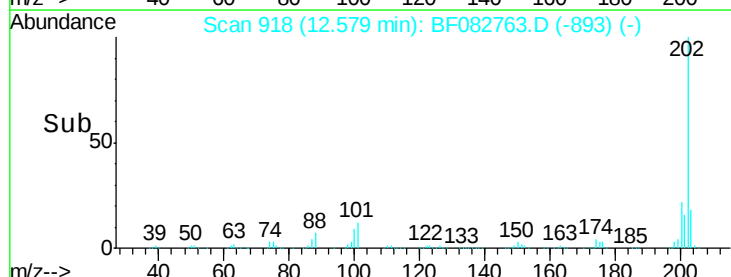
203 18.2 0.0 38.5

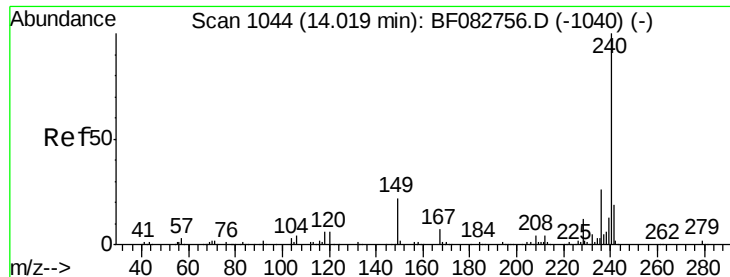


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

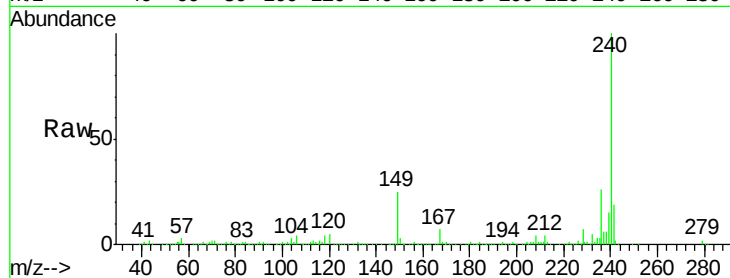
Tgt Ion:240 Resp: 592775

Ion Ratio Lower Upper

240 100

120 4.8 10.9 16.3#

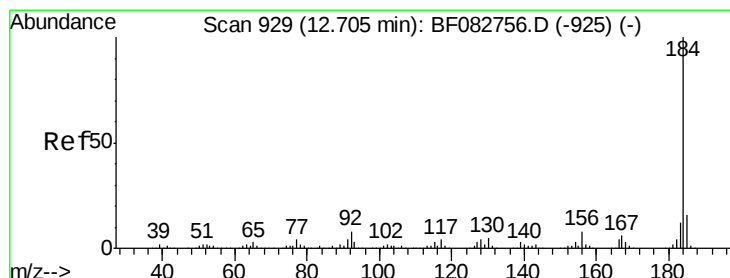
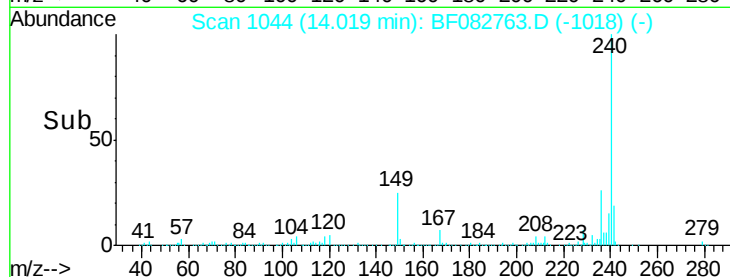
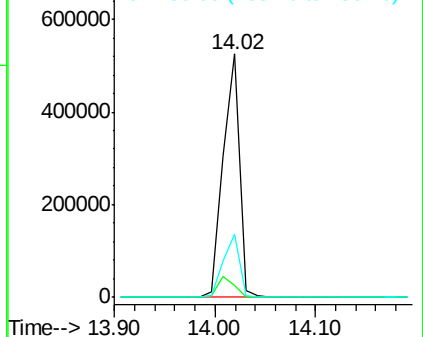
236 25.8 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.95 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

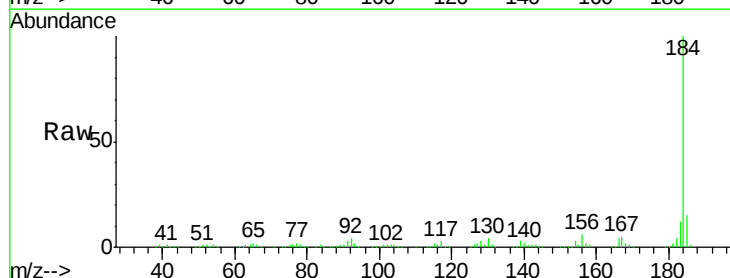
Tgt Ion:184 Resp: 396363

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

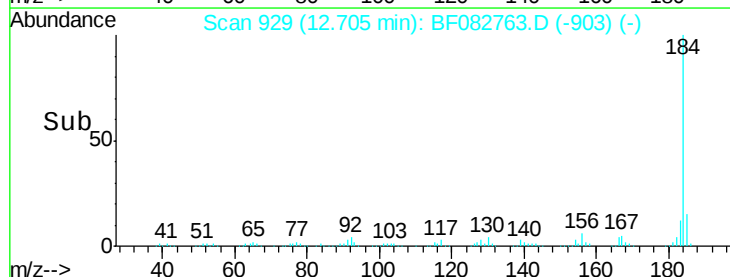
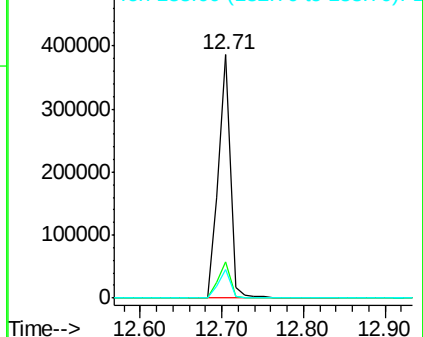
183 11.9 9.6 14.4

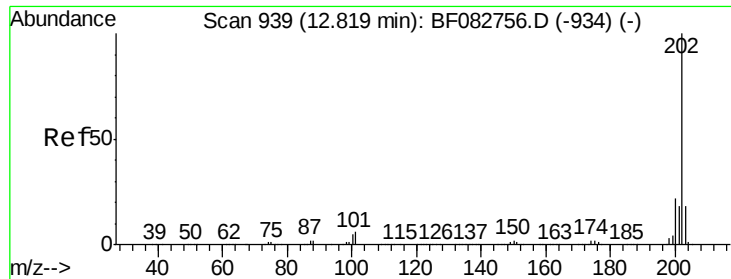


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

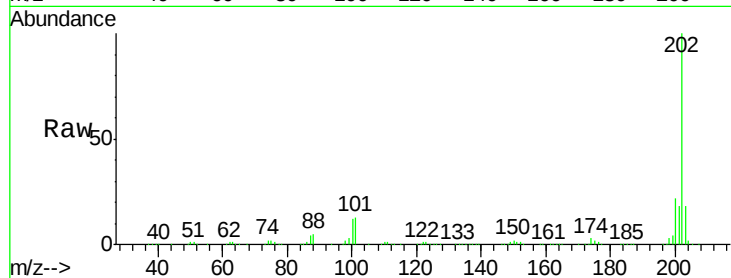




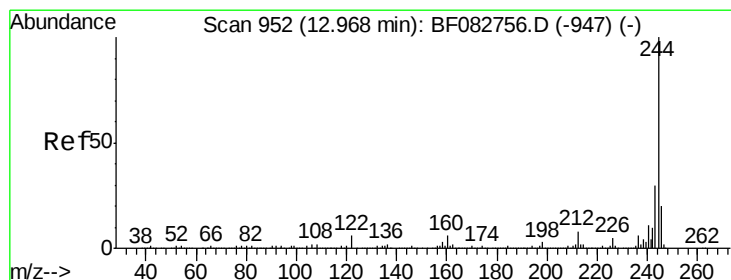
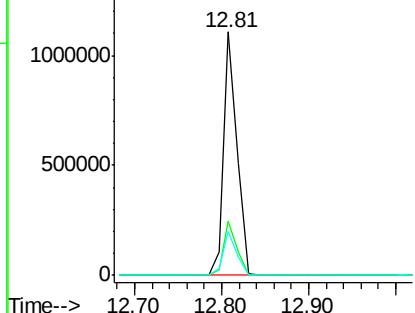
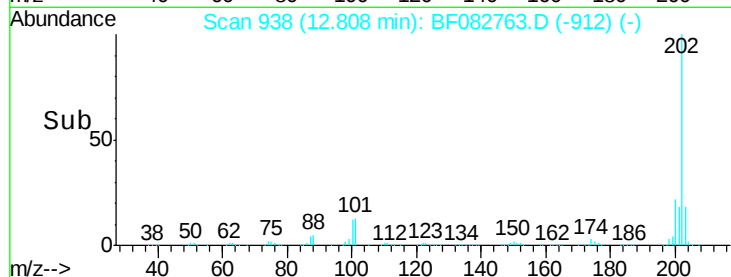
#77
 Pyrene
 Concen: 29.27 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampled :
 PB86454BS

Tgt Ion:202 Resp: 1191377
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.7 28.1
 203 17.9 14.8 22.2

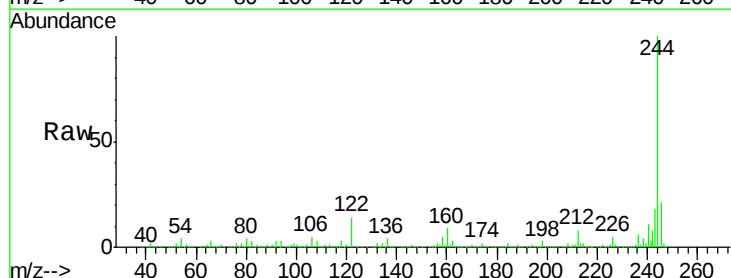


Abundance Ion 202.00 (201.70 to 202.70): E
 1500000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

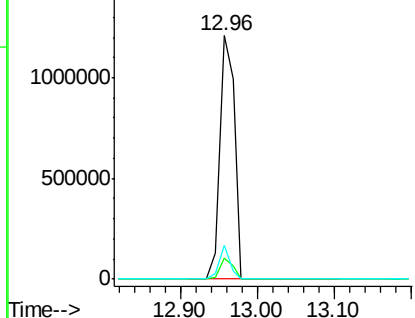
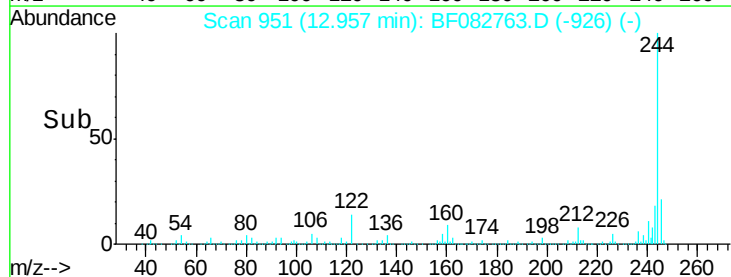


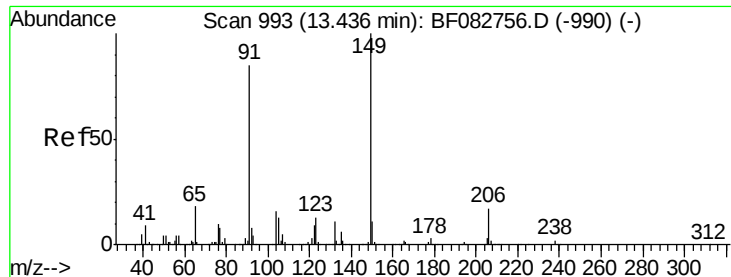
#78
 Terphenyl-d14
 Concen: 64.39 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:244 Resp: 1609195
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 14.0 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

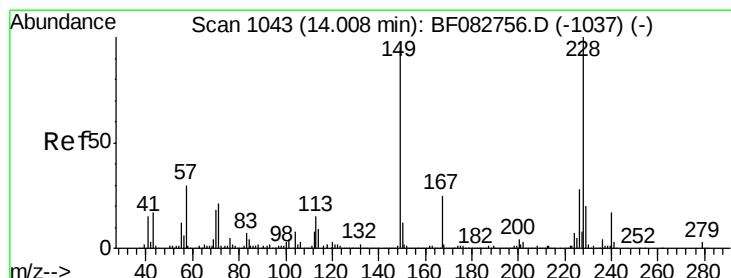
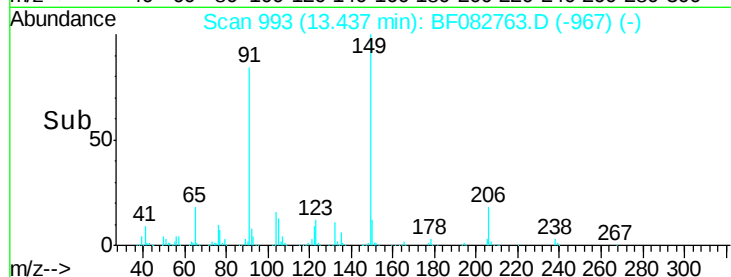
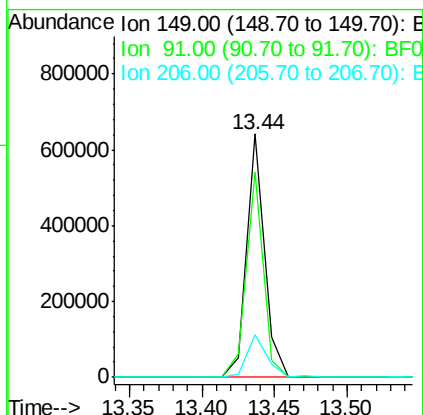
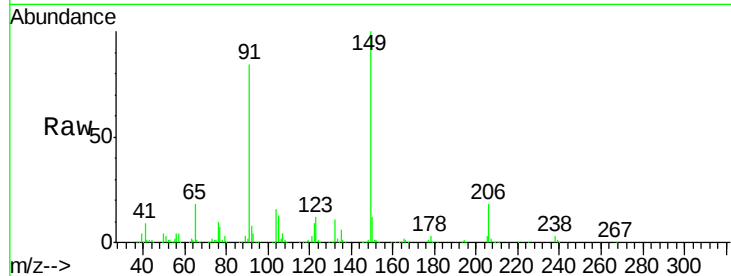




#79
Butylbenzylphthalate
Concen: 30.62 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

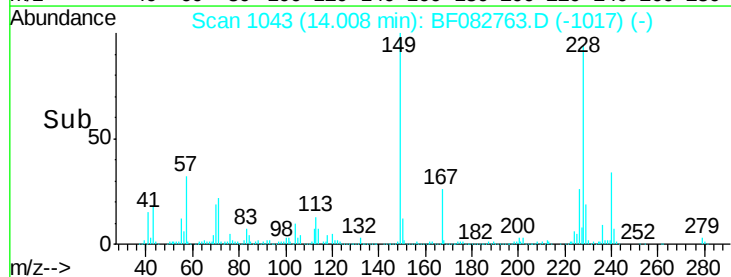
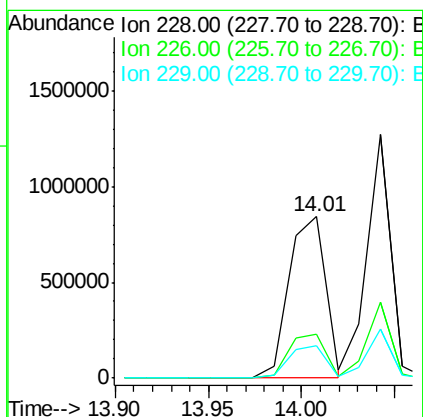
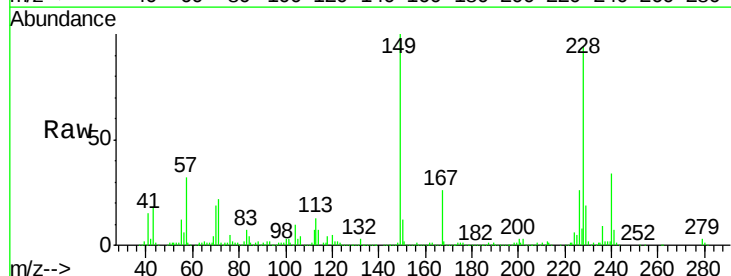
Instrument :
BNA_F
ClientSampleId :
PB86454BS

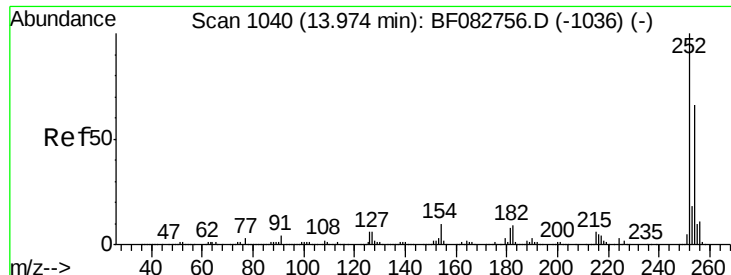
Tgt Ion:149 Resp: 550707
Ion Ratio Lower Upper
149 100
91 84.3 67.7 101.5
206 17.7 14.6 22.0



#80
Benzo(a)anthracene
Concen: 31.16 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:228 Resp: 1155023
Ion Ratio Lower Upper
228 100
226 27.3 23.4 35.2
229 19.8 16.3 24.5

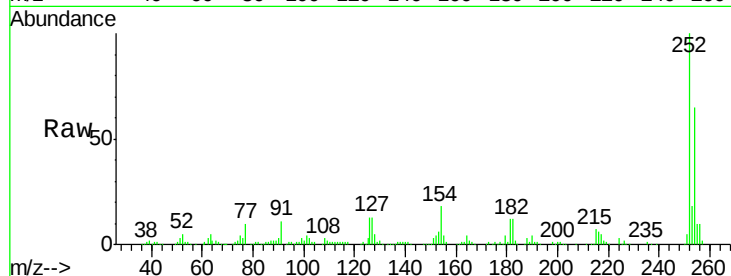




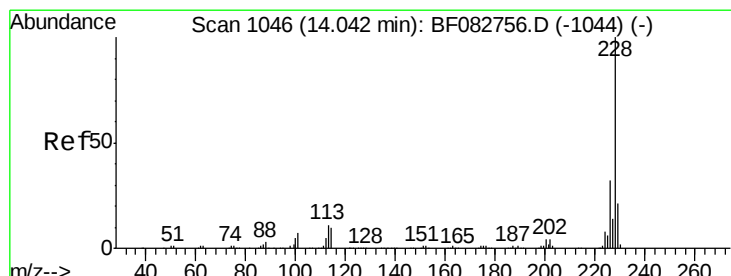
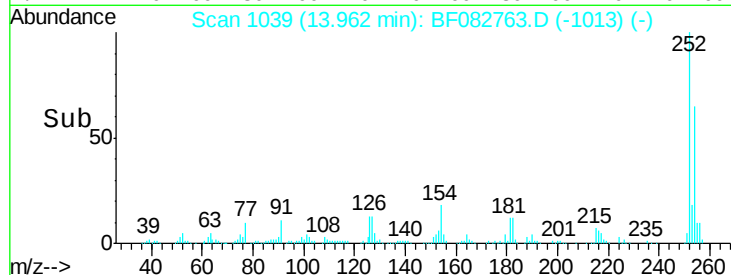
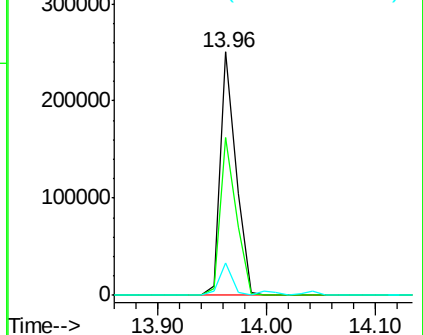
#81
 3,3'-Dichlorobenzidine
 Concen: 19.29 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tgt Ion:252 Resp: 254157
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.0
 126 13.1 10.7 16.1

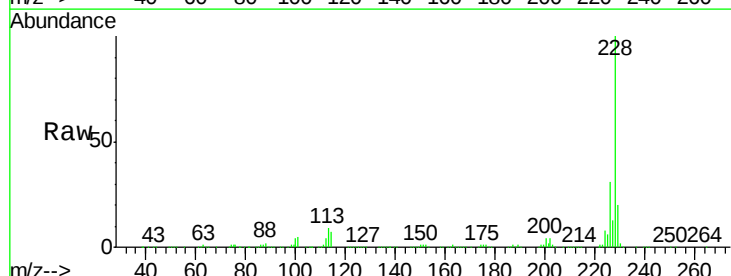


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

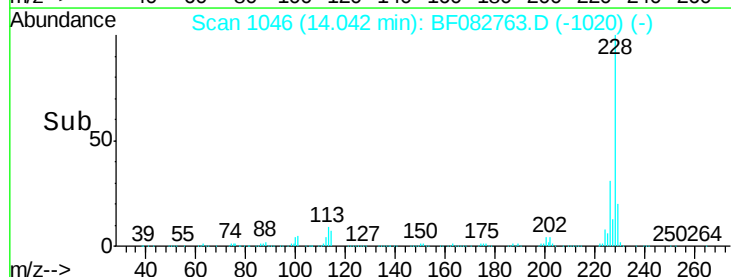
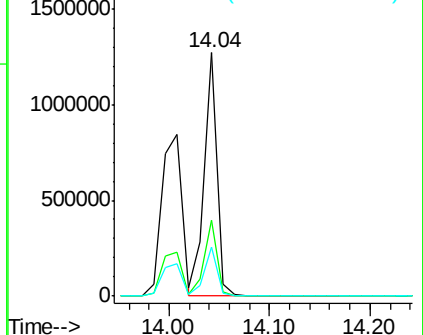


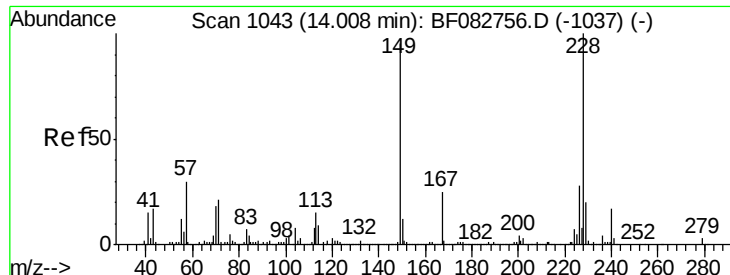
#82
 Chrysene
 Concen: 32.99 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:228 Resp: 1120135
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.5 38.3
 229 20.1 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

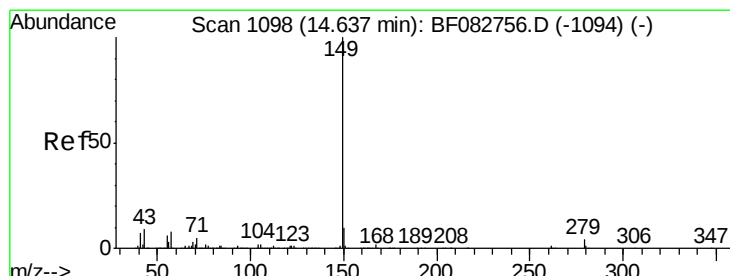
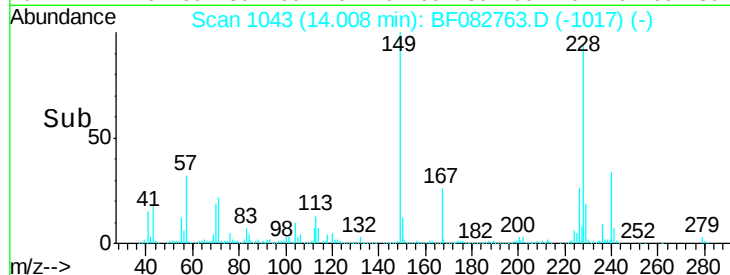
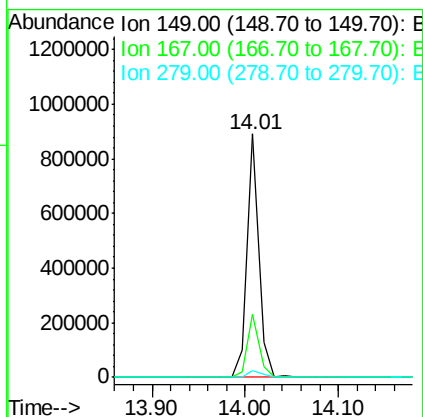
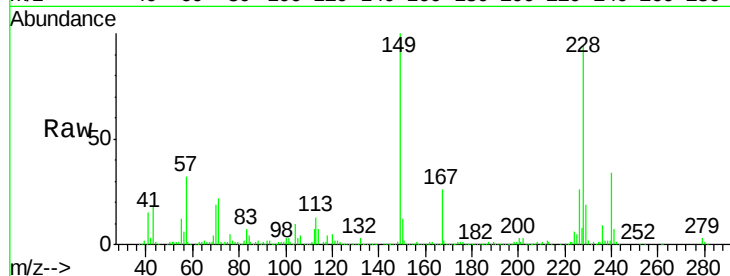




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

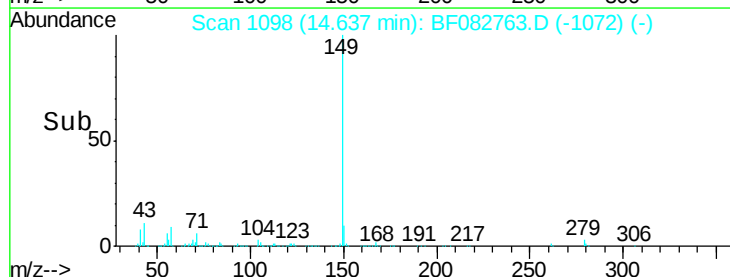
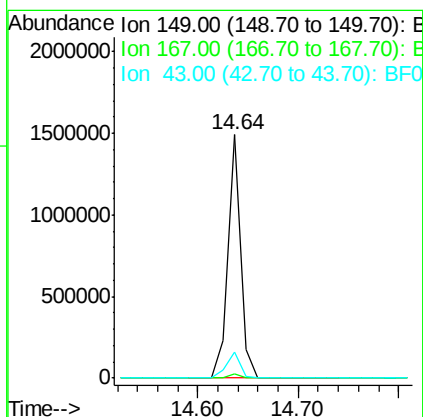
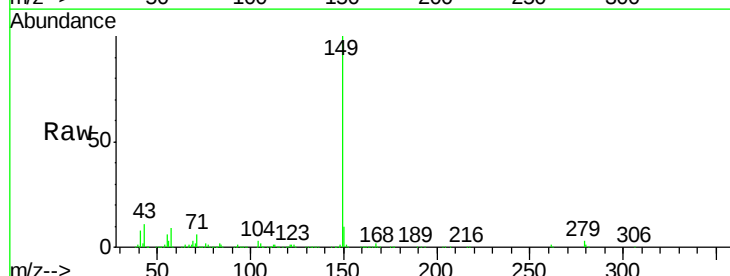
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

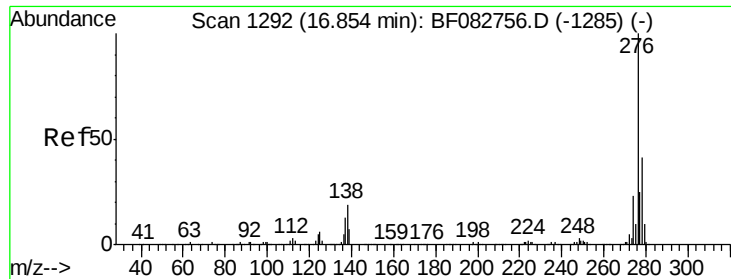
Tgt Ion:149 Resp: 775010
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.2 31.8
 279 2.6 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 32.00 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:149 Resp: 1314030
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.4 10.1 15.1

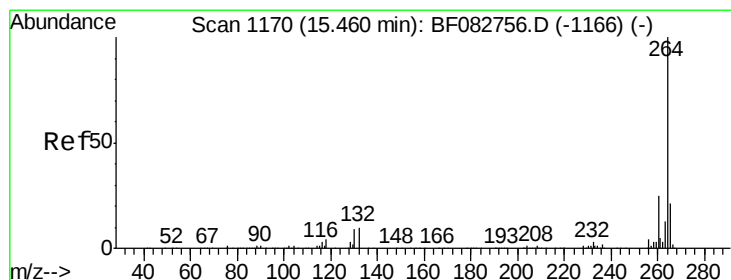
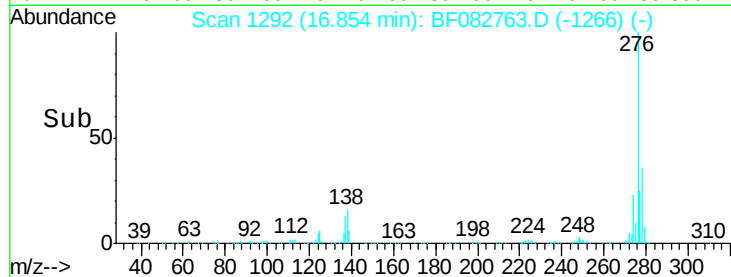
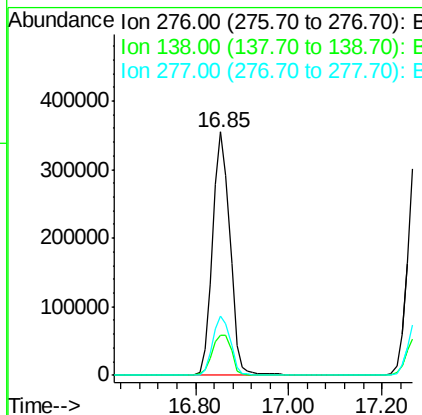
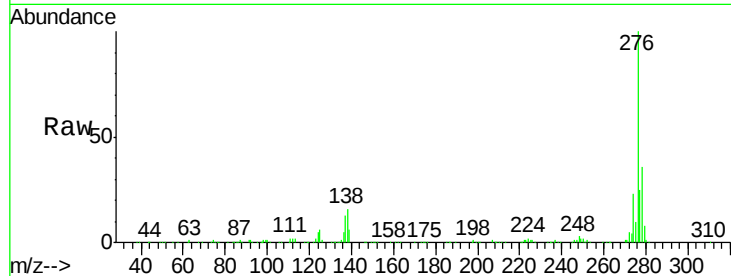




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.70 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

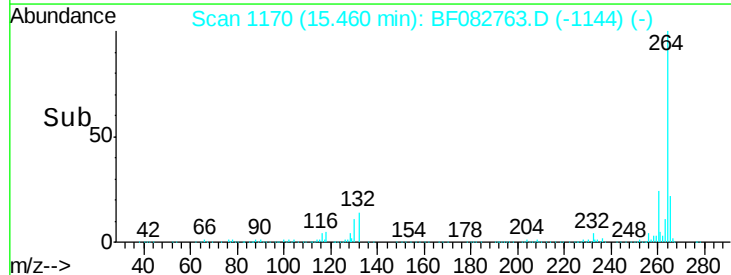
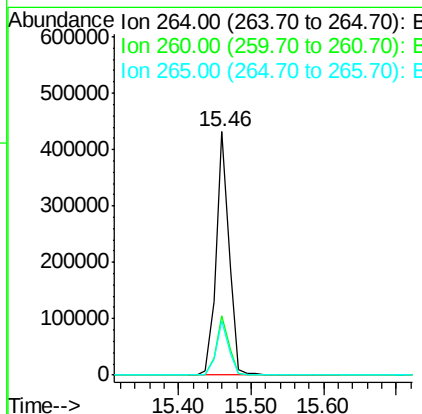
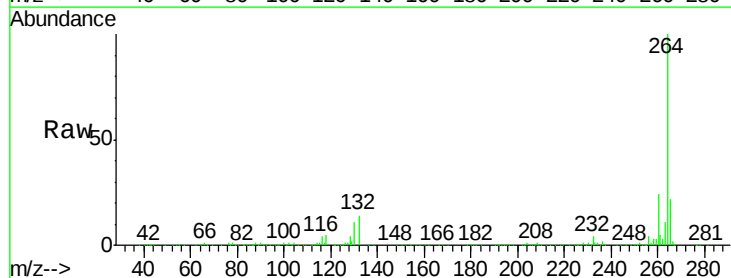
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

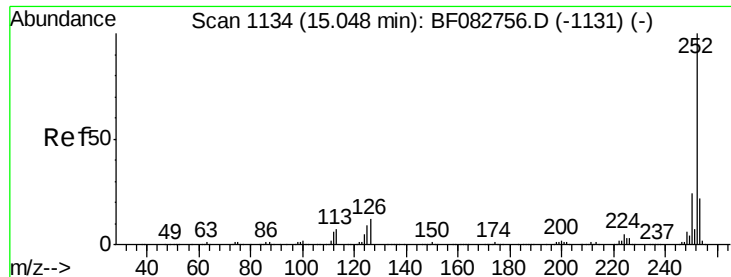
Tgt Ion:276 Resp: 927037
 Ion Ratio Lower Upper
 276 100
 138 18.5 15.3 22.9
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF082763.D
 Acq: 6 Nov 2015 16:05

Tgt Ion:264 Resp: 531585
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.0 17.4 26.0

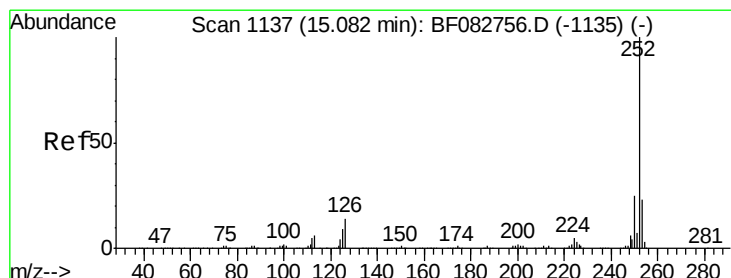
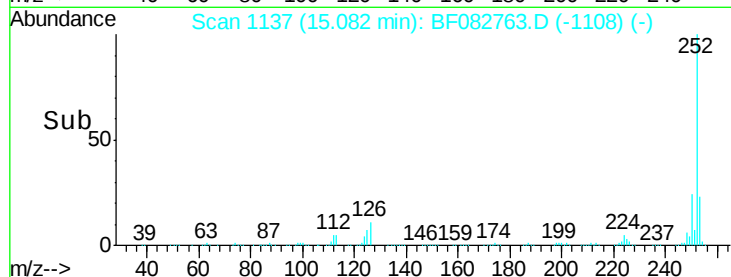
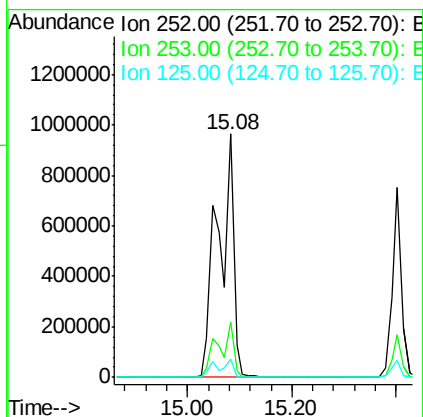
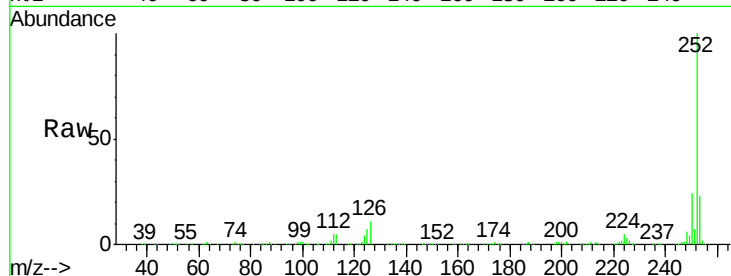




#87
Benzo(b)fluoranthene
Concen: 58.48 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.03 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

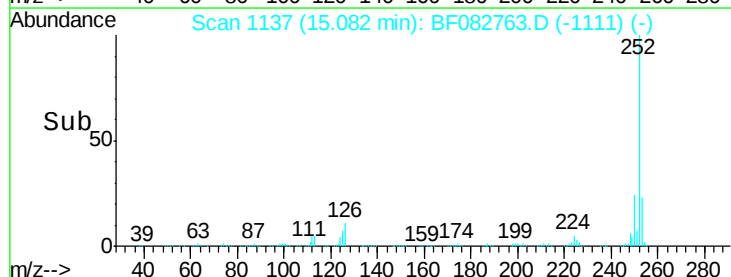
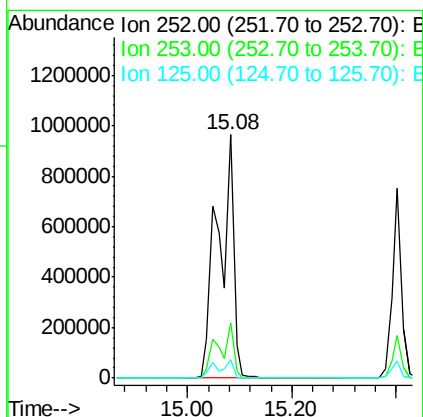
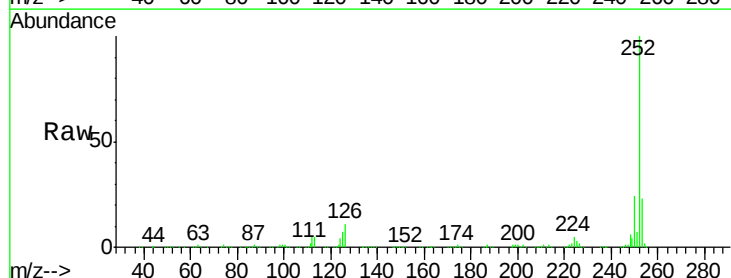
Instrument :
BNA_F
ClientSampleId :
PB86454BS

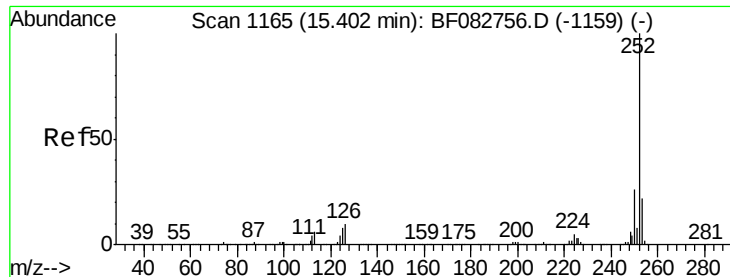
Tgt Ion:252 Resp: 1995537
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 7.5 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 65.93 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF082763.D
Acq: 6 Nov 2015 16:05

Tgt Ion:252 Resp: 1995537
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.5 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 31.19 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

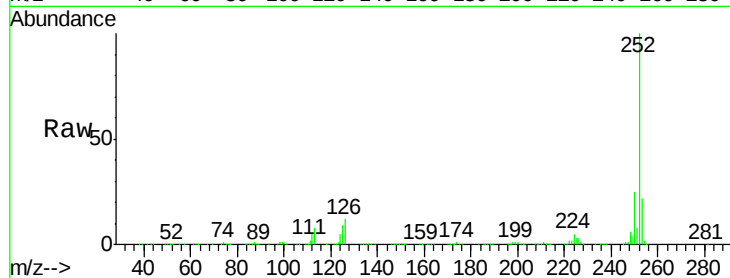
Tgt Ion:252 Resp: 922083

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

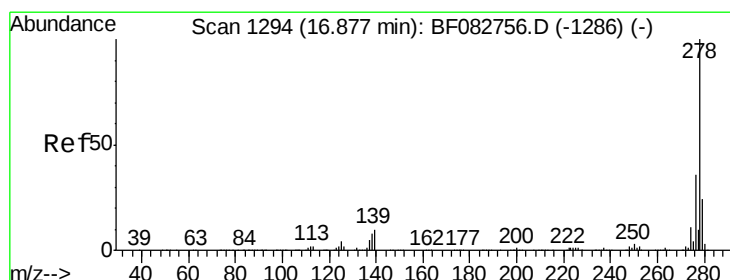
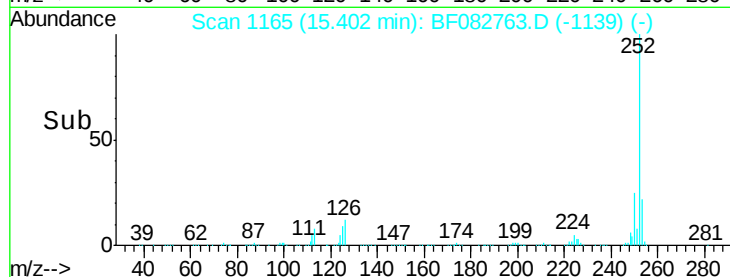
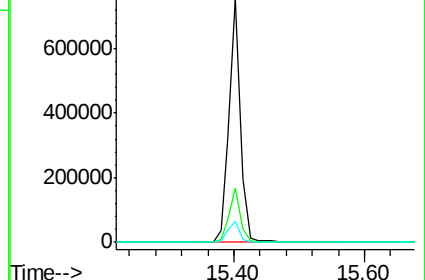
125 8.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.12 ng

RT: 16.88 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

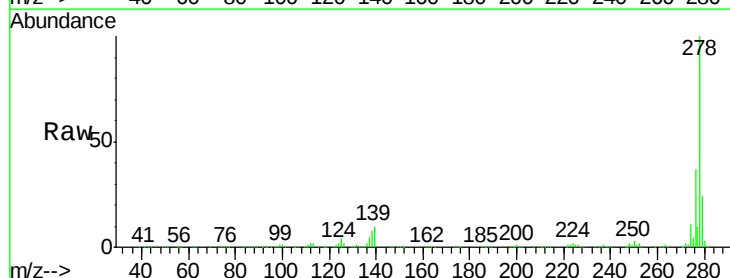
Tgt Ion:278 Resp: 778981

Ion Ratio Lower Upper

278 100

139 10.3 9.9 14.9

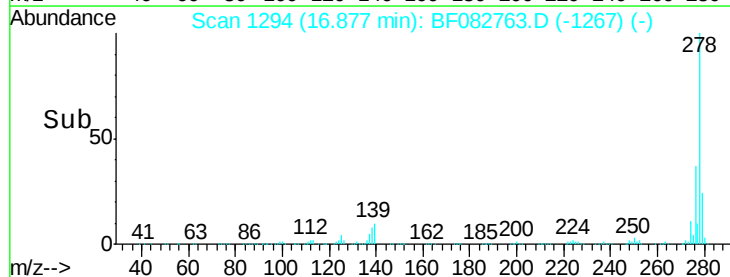
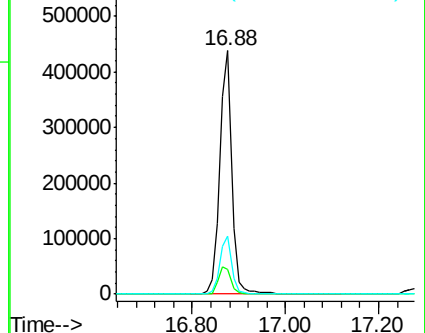
279 23.9 19.6 29.4

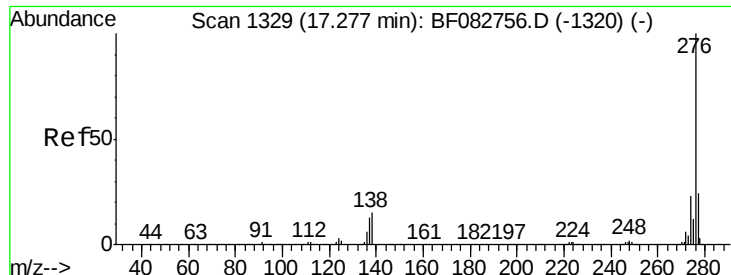


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 30.42 ng

RT: 17.28 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF082763.D

Acq: 6 Nov 2015 16:05

Instrument :

BNA_F

ClientSampleId :

PB86454BS

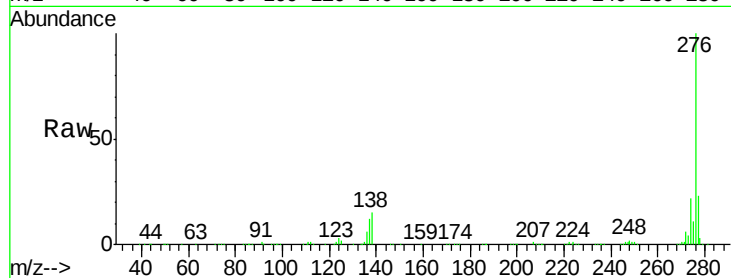
Tgt Ion: 276 Resp: 729359

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 14.7 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

