

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080733.D
 Acq On : 31 Jul 2015 14:37
 Operator : TP/UM
 Sample : PB84695BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Quant Time: Aug 01 00:19:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	155306	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573424	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	305393	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	543123	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334262	20.00	ng	0.00
86) Perylene-d12	15.41	264	280530	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1087711	120.15	ng	0.02
7) Phenol-d6	6.49	99	1475620	119.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	1066008	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	444106	140.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1822812	89.05	ng	0.00
78) Terphenyl-d14	12.96	244	1682443	95.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	156547	35.06	ng	98
3) Pyridine	3.31	79	372557	30.08	ng	98
4) n-Nitrosodimethylamine	3.26	42	286340	40.44	ng	99
6) Aniline	6.52	93	313684	17.68	ng	95
8) 2-Chlorophenol	6.64	128	384773	37.92	ng	96
9) Benzaldehyde	6.40	77	55210	5.73	ng	89
10) Phenol	6.50	94	541045	37.93	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	407402	39.99	ng	98
12) 1,3-Dichlorobenzene	6.80	146	463681	41.05	ng	97
13) 1,4-Dichlorobenzene	6.88	146	458372	39.77	ng	98
14) 1,2-Dichlorobenzene	7.02	146	438396	41.62	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	935207	42.96	ng	97
17) 2-Methylphenol	7.12	107	346173	41.56	ng	95
18) Hexachloroethane	7.37	117	176271	40.98	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	354586	42.72	ng	# 93
20) 3+4-Methylphenols	7.26	107	464698	45.22	ng	# 88
22) Acetophenone	7.26	105	562621	40.65	ng	# 93
24) Nitrobenzene	7.44	77	530245	44.70	ng	97
25) Isophorone	7.68	82	866366	41.14	ng	98
26) 2-Nitrophenol	7.76	139	225095	46.74	ng	92
27) 2,4-Dimethylphenol	7.80	122	485772	53.70	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	565323	45.31	ng	99
29) 2,4-Dichlorophenol	8.00	162	351988	43.77	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	351716	40.11	ng	98
31) Naphthalene	8.16	128	1100718	38.46	ng	99
32) Benzoic acid	7.92	122	214751	33.95	ng	98
33) 4-Chloroaniline	8.21	127	75785	6.27	ng	96
34) Hexachlorobutadiene	8.28	225	239426	42.29	ng	98
35) Caprolactam	8.57	113	72154	29.96	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	403923	46.59	ng	# 87
37) 2-Methylnaphthalene	8.85	142	803314	44.71	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	324799	33.87	ng	98
40) Hexachlorocyclopentadiene	9.00	237	469242	79.53	ng	98
42) 2,4,6-Trichlorophenol	9.13	196	236558	35.46	ng	98

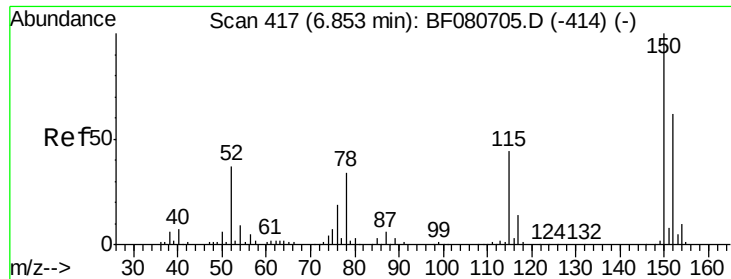
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080733.D
 Acq On : 31 Jul 2015 14:37
 Operator : TP/UM
 Sample : PB84695BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	284372	42.97	ng	95
45) 1,1'-Biphenyl	9.31	154	884923	37.79	ng	95
46) 2-Chloronaphthalene	9.33	162	699223	36.56	ng	# 89
47) 2-Nitroaniline	9.44	65	309090	41.54	ng	96
48) Acenaphthylene	9.76	152	1209168	39.76	ng	99
49) Dimethylphthalate	9.62	163	890257	41.37	ng	99
50) 2,6-Dinitrotoluene	9.68	165	198426	43.44	ng	97
51) Acenaphthene	9.93	154	882184	47.55	ng	99
52) 3-Nitroaniline	9.84	138	76459	14.51	ng	# 55
53) 2,4-Dinitrophenol	9.95	184	246652	101.39	ng	# 60
54) Dibenzofuran	10.10	168	1067766	43.03	ng	99
55) 4-Nitrophenol	10.00	139	237442	61.15	ng	# 53
56) 2,4-Dinitrotoluene	10.08	165	256174	42.77	ng	93
57) Fluorene	10.44	166	810338	42.07	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	228280	45.74	ng	97
59) Diethylphthalate	10.32	149	848371	40.90	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	367561	44.09	ng	97
61) 4-Nitroaniline	10.45	138	159030	33.42	ng	96
62) Azobenzene	10.59	77	1047657	46.62	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	135555	41.44	ng	93
65) n-Nitrosodiphenylamine	10.54	169	651985	36.62	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	259570	46.30	ng	94
67) Hexachlorobenzene	10.98	284	256527	39.57	ng	96
68) Atrazine	11.07	200	69951	12.76	ng	97
69) Pentachlorophenol	11.17	266	308243	78.58	ng	97
70) Phenanthrene	11.39	178	1052590	38.47	ng	100
71) Anthracene	11.45	178	1212793	45.11	ng	100
72) Carbazole	11.60	167	863114	36.99	ng	98
73) Di-n-butylphthalate	11.94	149	1360957	47.03	ng	99
74) Fluoranthene	12.58	202	1196729	45.24	ng	98
76) Benzidine	12.71	184	159339	13.09	ng	99
77) Pyrene	12.81	202	1166862	45.01	ng	100
79) Butylbenzylphthalate	13.43	149	466437	43.43	ng	92
80) Benzo(a)anthracene	13.99	228	808567	40.22	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	145237	21.17	ng	98
82) Chrysene	14.02	228	740145	37.93	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	600121	46.50	ng	# 93
84) Di-n-octyl phthalate	14.60	149	1008252	46.59	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	728840	41.63	ng	# 87
87) Benzo(b)fluoranthene	15.01	252	752555	44.91	ng	# 96
88) Benzo(k)fluoranthene	15.01	252	752555	54.57	ng	# 93
89) Benzo(a)pyrene	15.36	252	629226	45.74	ng	# 96
90) Dibenzo(a,h)anthracene	16.81	278	619073	50.27	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	616791	50.90	ng	97

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

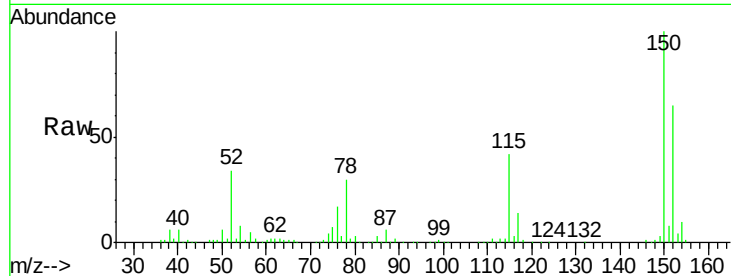


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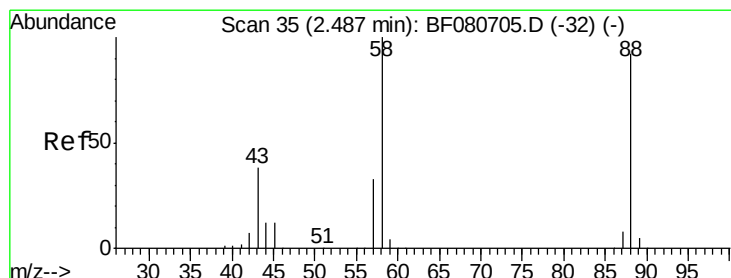
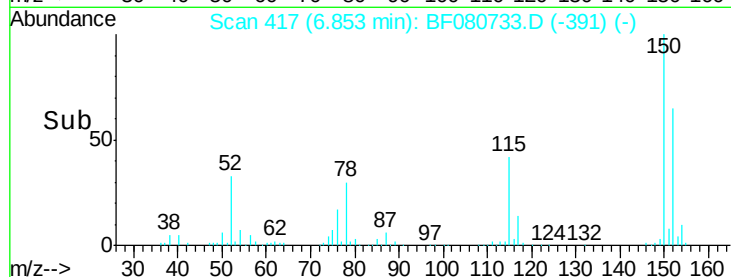
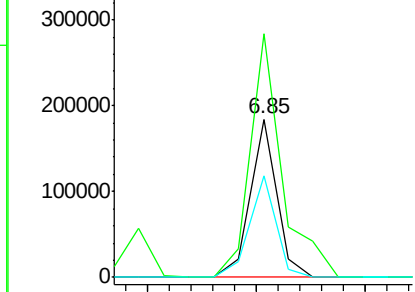
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:152 Resp: 155306
Ion Ratio Lower Upper
152 100
150 154.0 129.6 194.4
115 64.2 56.6 85.0



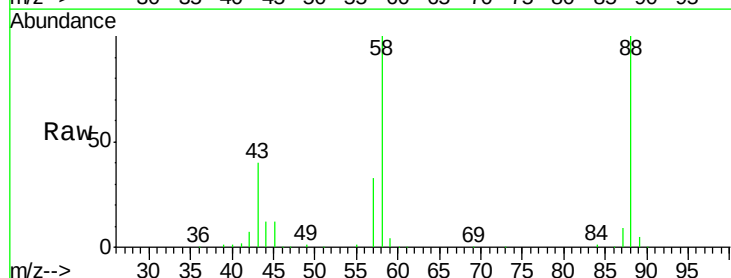
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



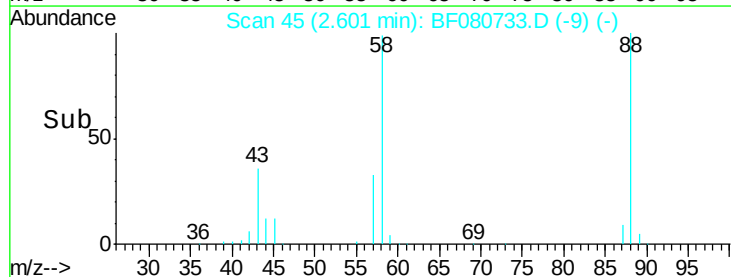
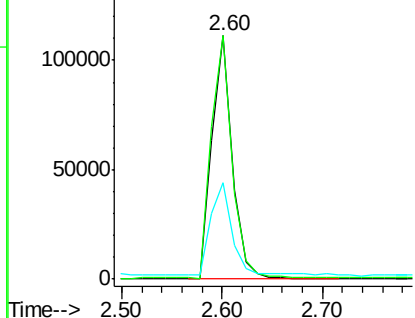
#2

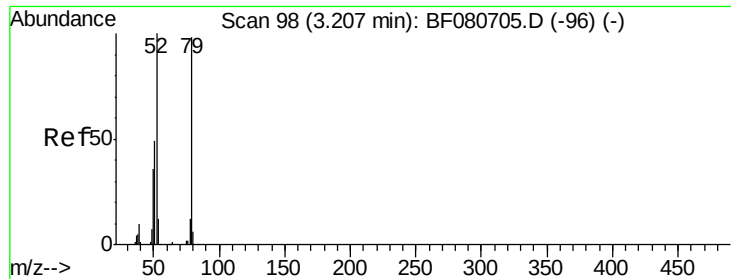
1,4-Dioxane
Concen: 35.06 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.11 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion: 88 Resp: 156547
Ion Ratio Lower Upper
88 100
58 100.8 82.3 123.5
43 40.5 31.7 47.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

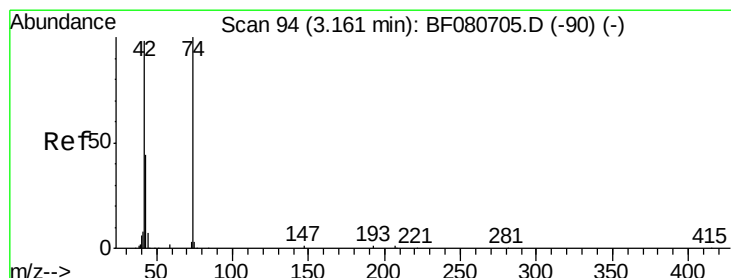
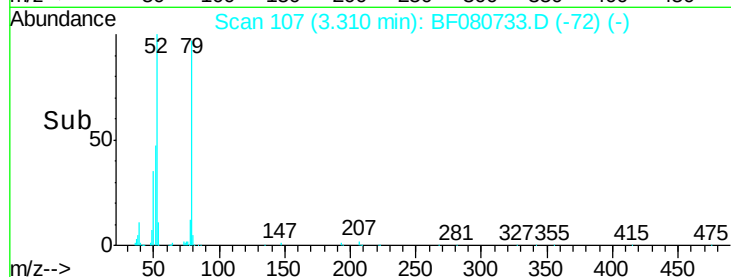
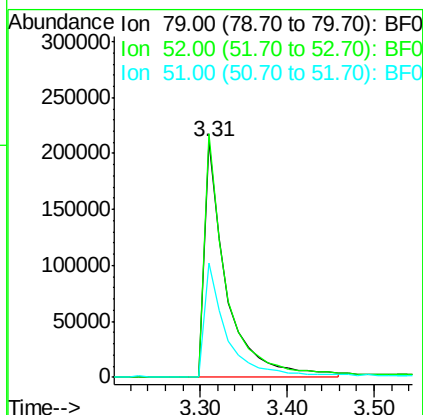
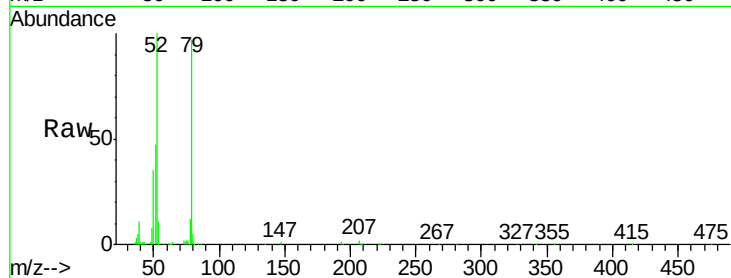




#3
 Pyridine
 Concen: 30.08 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.10 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

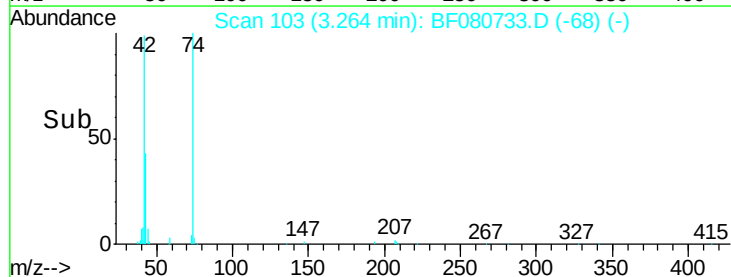
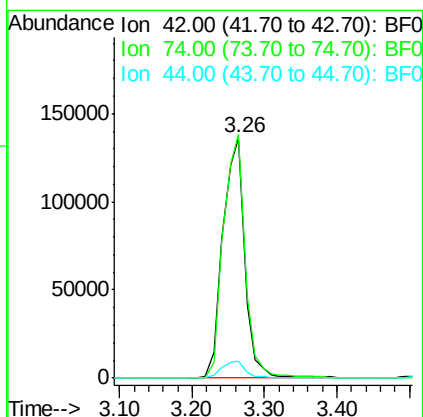
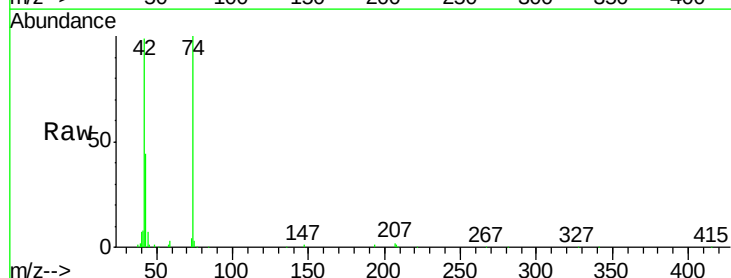
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

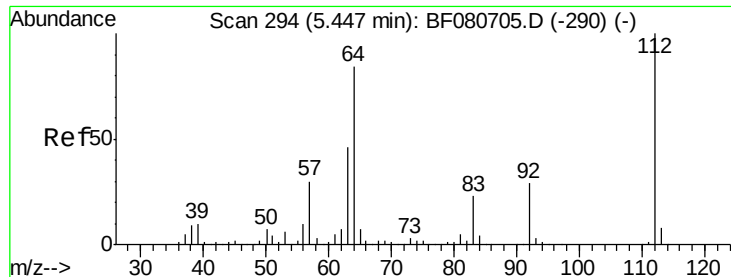
Tgt Ion: 79 Resp: 372557
 Ion Ratio Lower Upper
 79 100
 52 103.3 81.6 122.4
 51 48.6 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 40.44 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.10 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion: 42 Resp: 286340
 Ion Ratio Lower Upper
 42 100
 74 101.3 81.5 122.3
 44 7.3 5.6 8.4





#5

2-Fluorophenol

Concen: 120.15 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

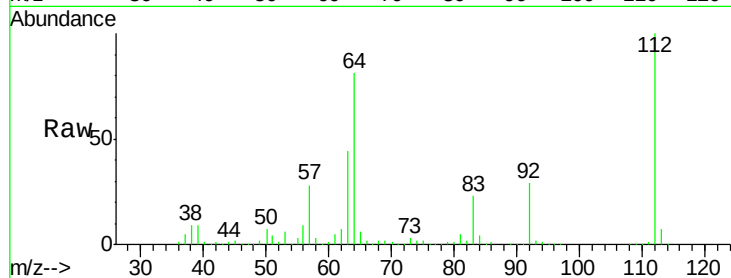
Tgt Ion: 112 Resp: 1087711

Ion Ratio Lower Upper

112 100

64 81.3 66.8 100.2

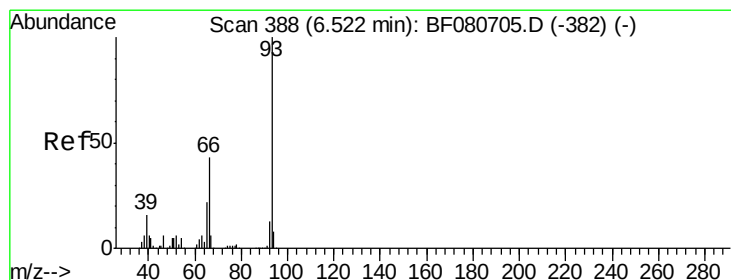
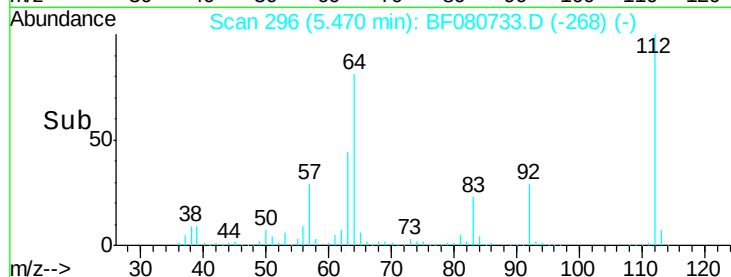
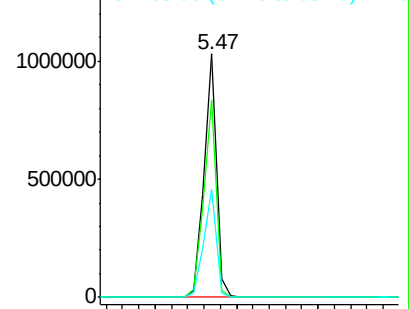
63 44.3 36.7 55.1



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: 17.68 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

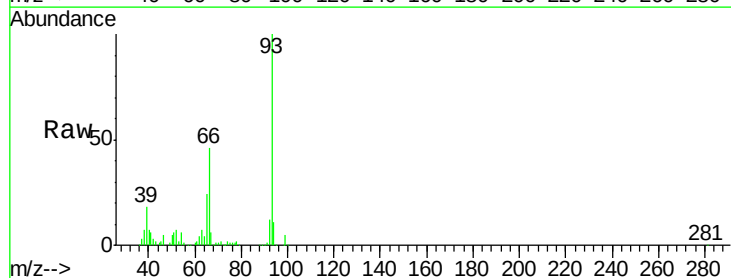
Tgt Ion: 93 Resp: 313684

Ion Ratio Lower Upper

93 100

66 46.1 34.3 51.5

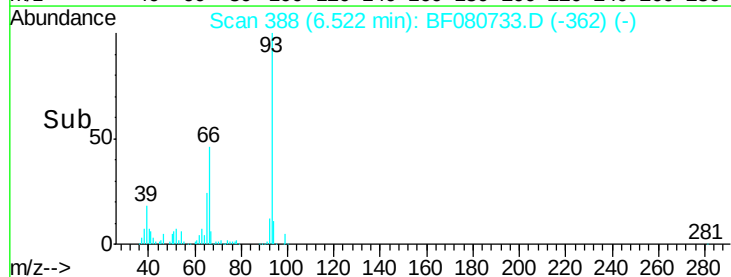
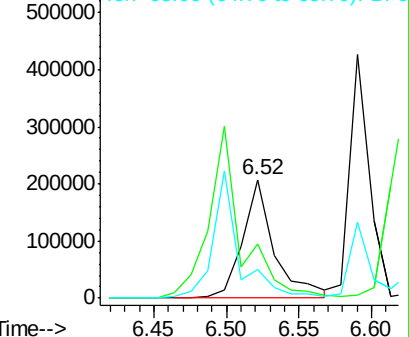
65 24.2 17.6 26.4

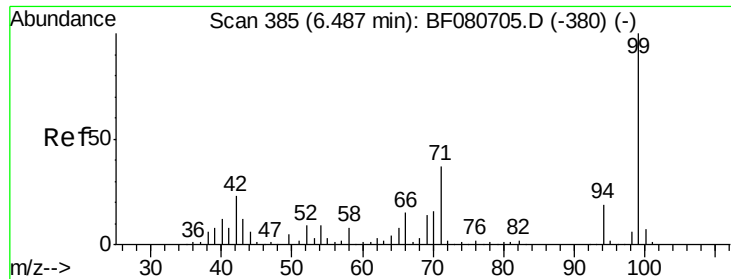


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.73 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

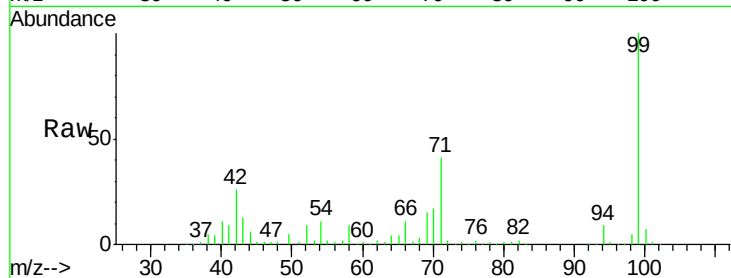
Tgt Ion: 99 Resp: 1475620

Ion Ratio Lower Upper

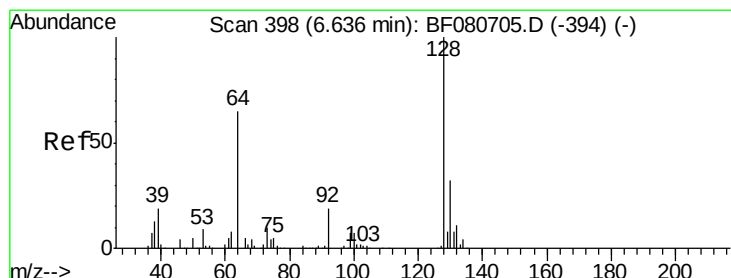
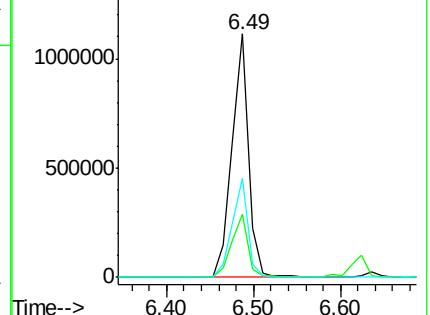
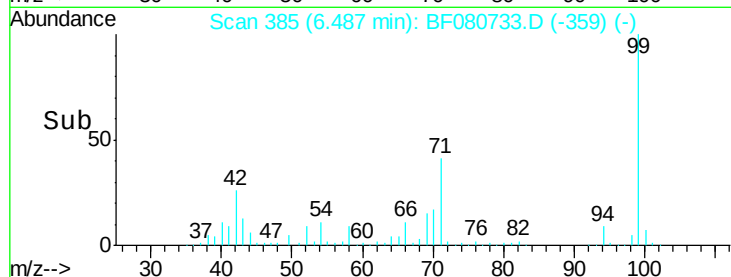
99 100

42 25.9 18.2 27.2

71 40.7 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.92 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

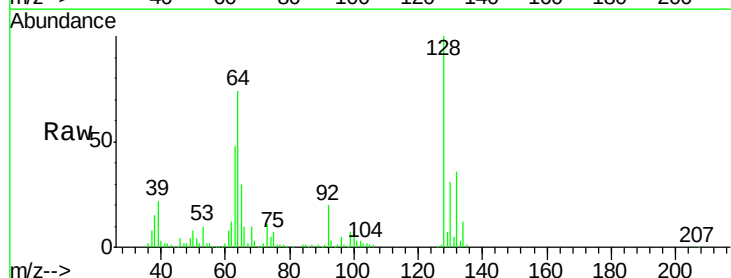
Tgt Ion: 128 Resp: 384773

Ion Ratio Lower Upper

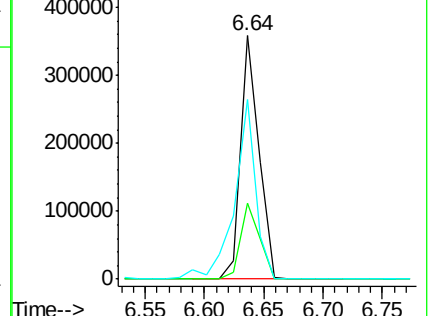
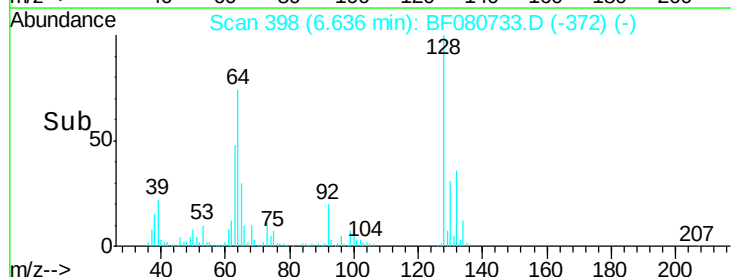
128 100

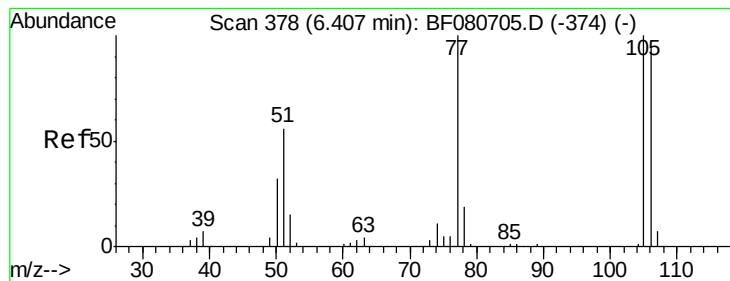
130 31.3 11.7 51.7

64 73.5 48.7 88.7



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: 5.73 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

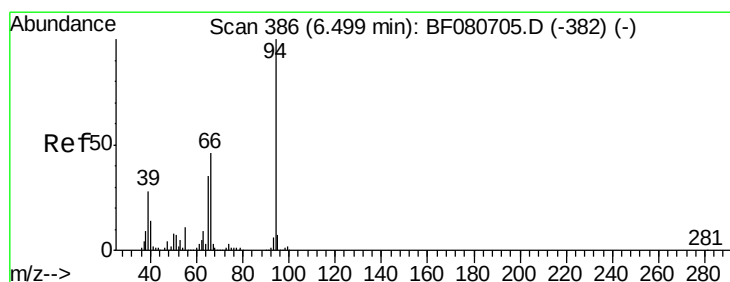
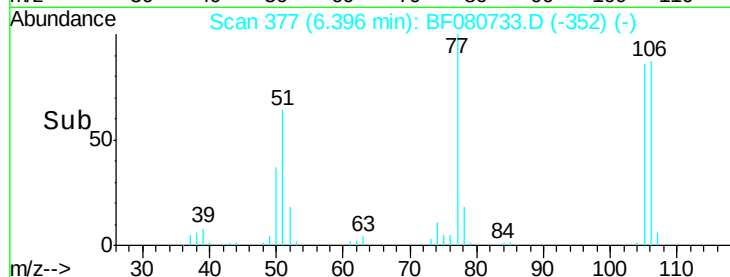
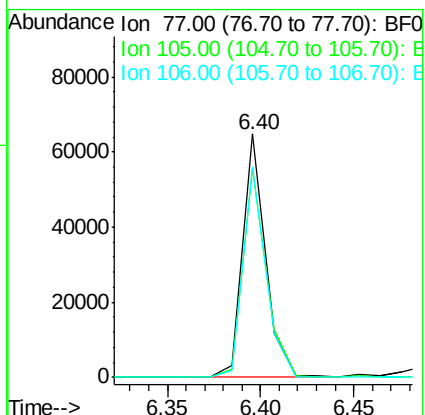
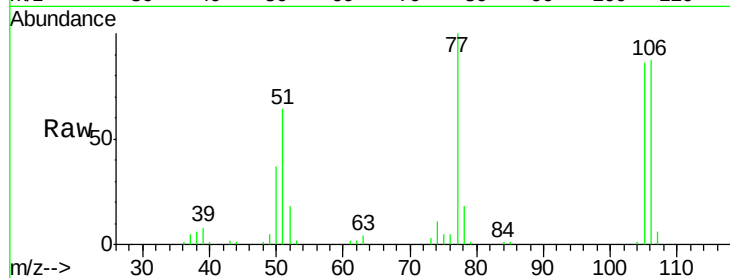
Tgt Ion: 77 Resp: 55210

Ion Ratio Lower Upper

77 100

105 86.0 80.2 120.2

106 86.6 74.2 114.2



#10

Phenol

Concen: 37.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

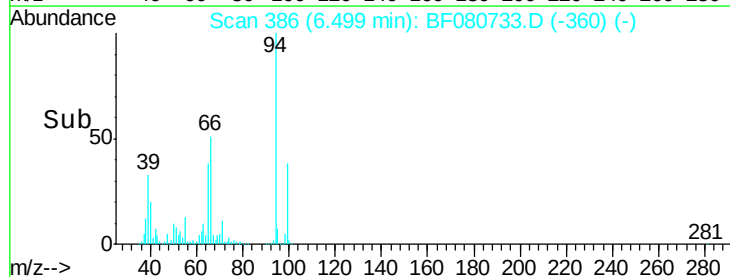
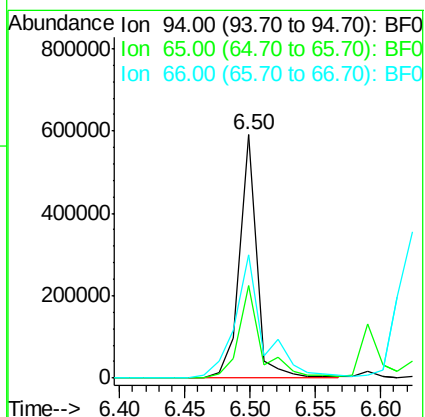
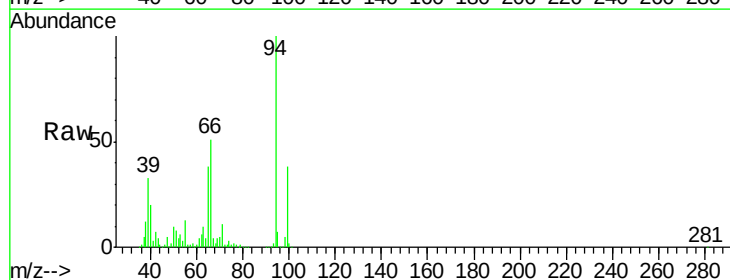
Tgt Ion: 94 Resp: 541045

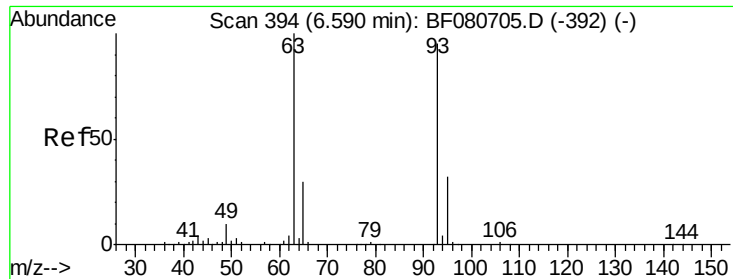
Ion Ratio Lower Upper

94 100

65 37.8 14.7 54.7

66 50.8 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 39.99 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

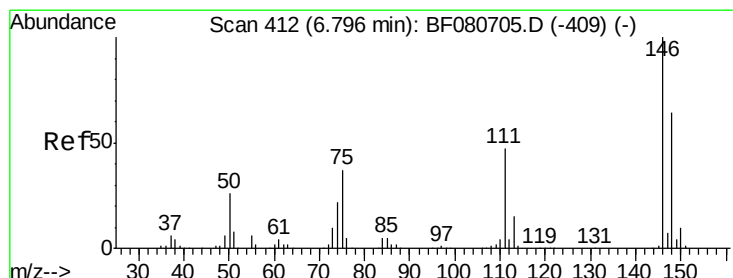
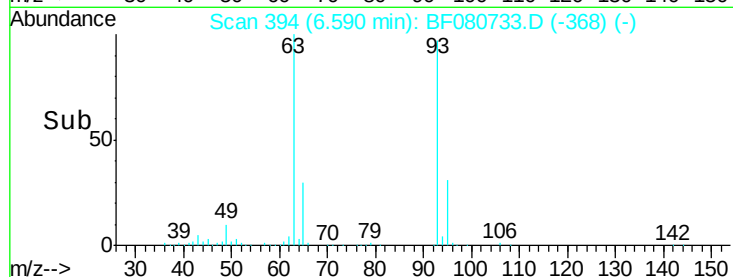
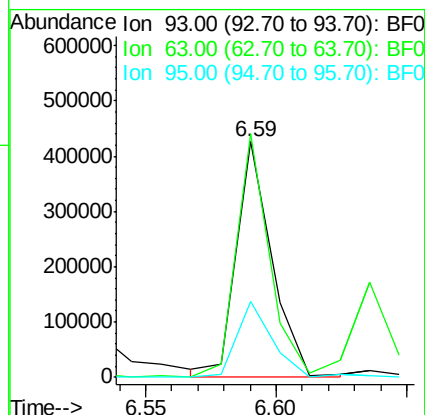
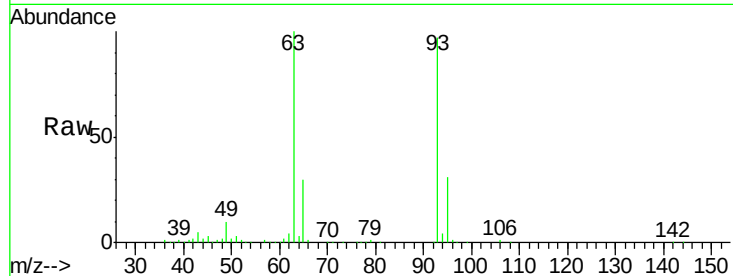
Tgt Ion: 93 Resp: 407402

Ion Ratio Lower Upper

93 100

63 103.2 85.3 125.3

95 32.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 41.05 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

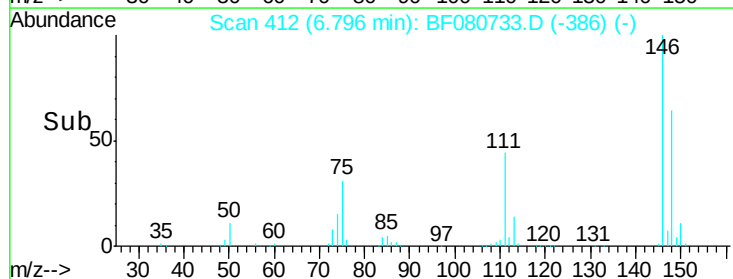
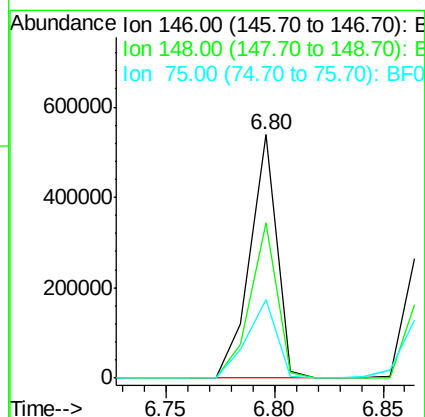
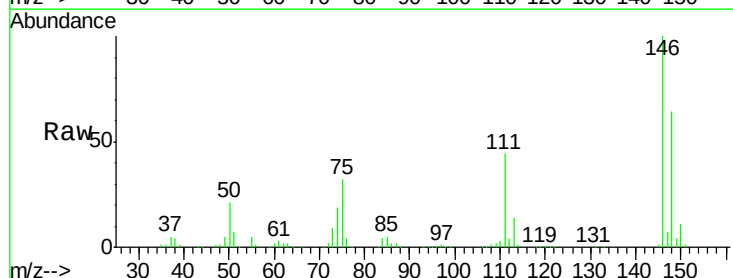
Tgt Ion: 146 Resp: 463681

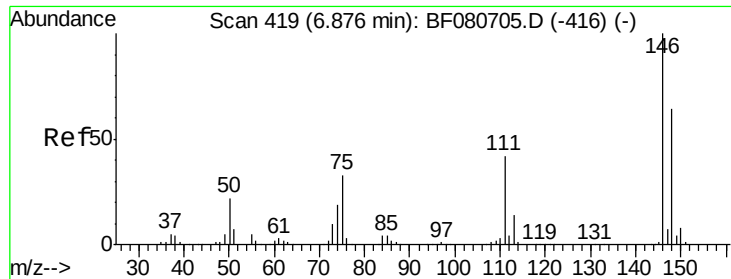
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 32.4 29.4 44.0

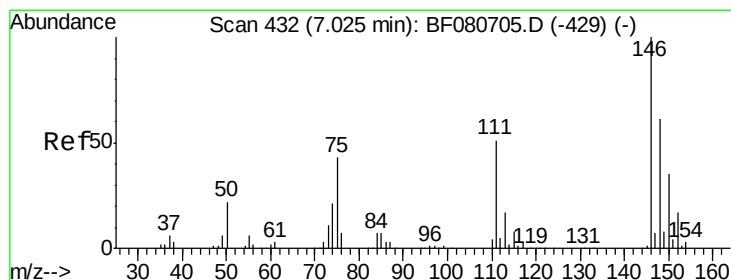
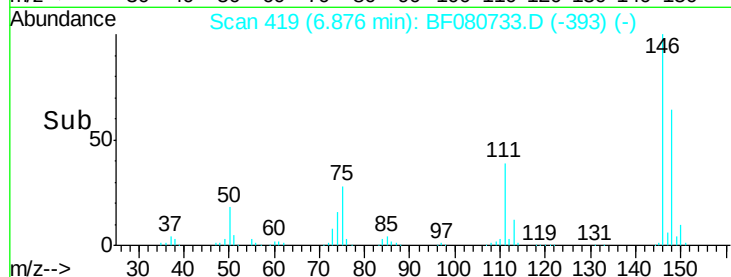
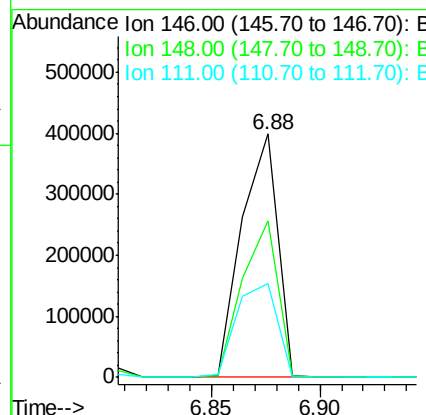
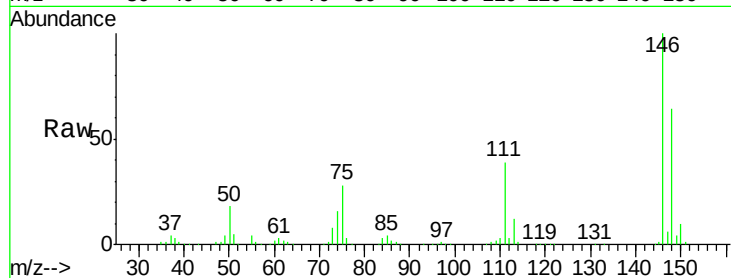




#13
 1,4-Dichlorobenzene
 Concen: 39.77 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

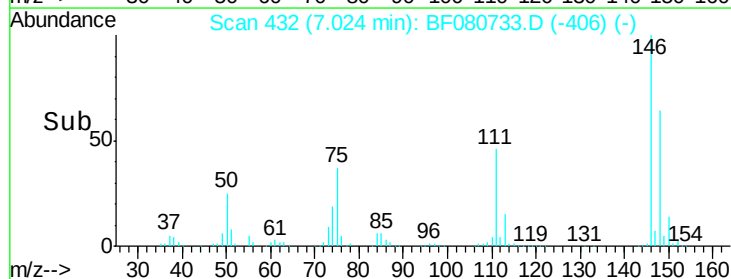
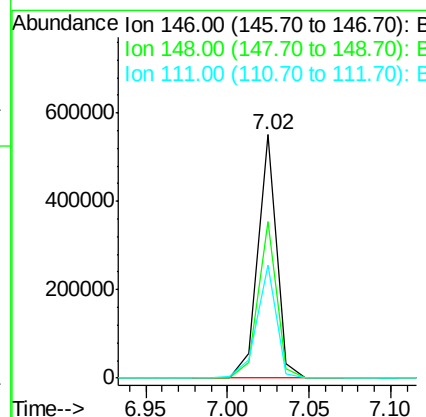
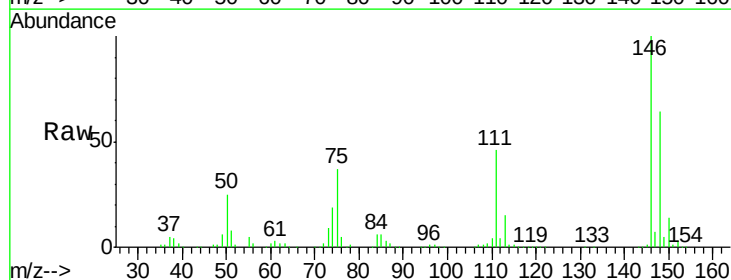
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

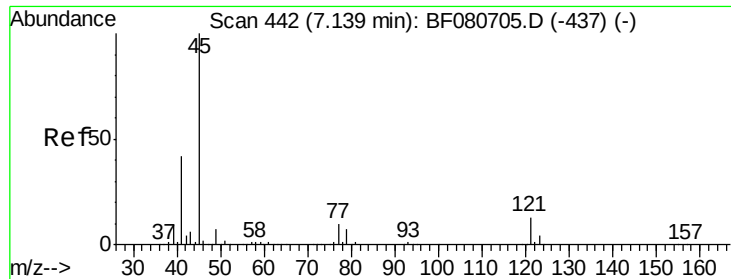
Tgt Ion:146 Resp: 458372
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 38.6 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 41.62 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:146 Resp: 438396
 Ion Ratio Lower Upper
 146 100
 148 64.4 49.2 73.8
 111 46.5 41.0 61.4

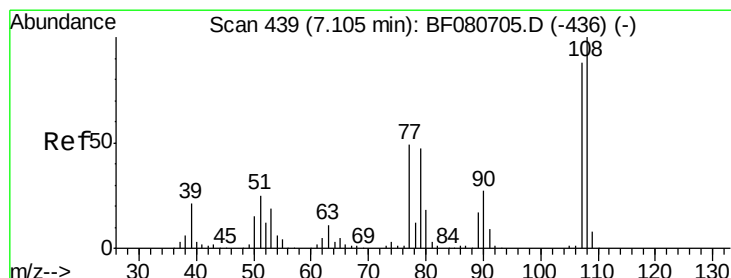
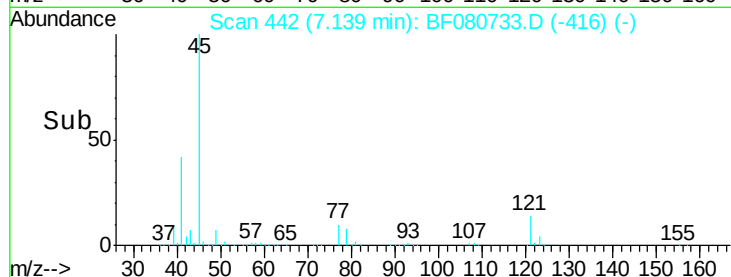
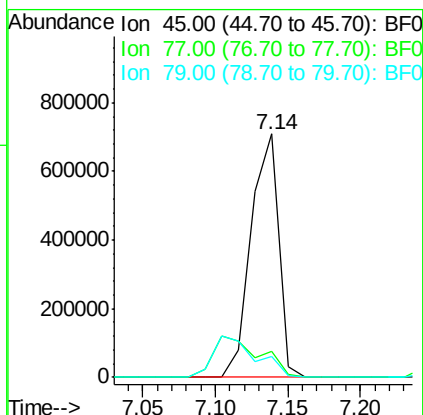
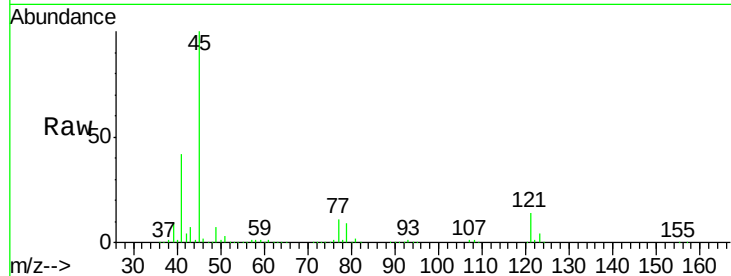




#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.96 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

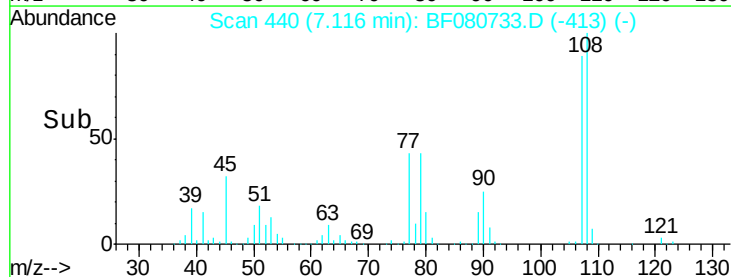
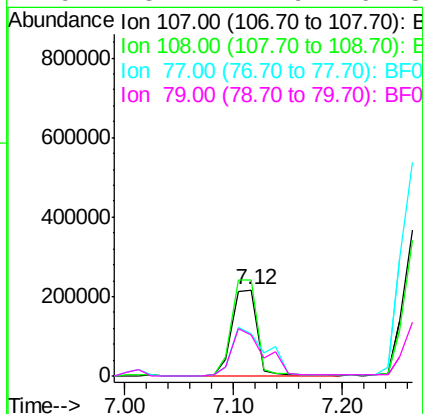
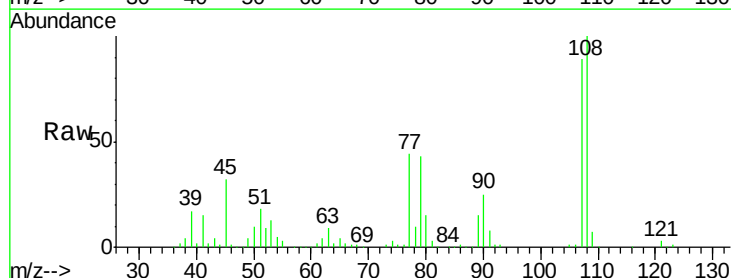
Instrument :
BNA_F
ClientSampleId :
PB84695BS

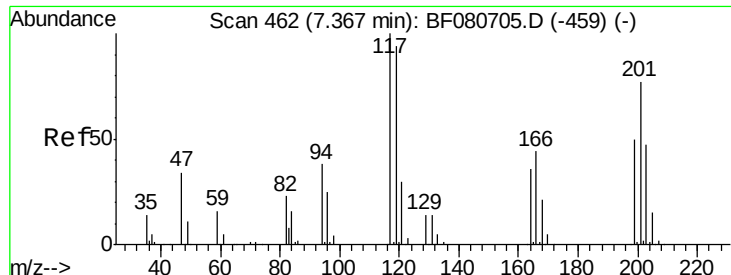
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	29.9
79	8.5	0.0	27.4



#17
2-Methylphenol
Concen: 41.56 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.8	136.2
77	49.1	44.6	67.0
79	48.2	42.9	64.3

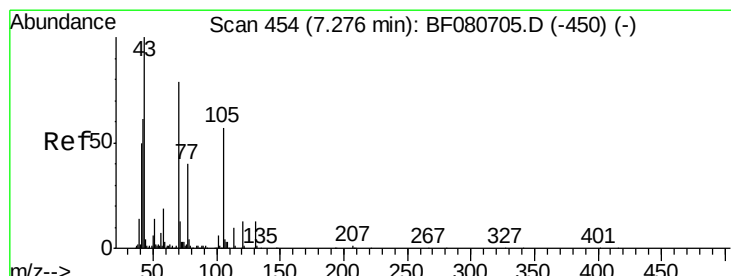
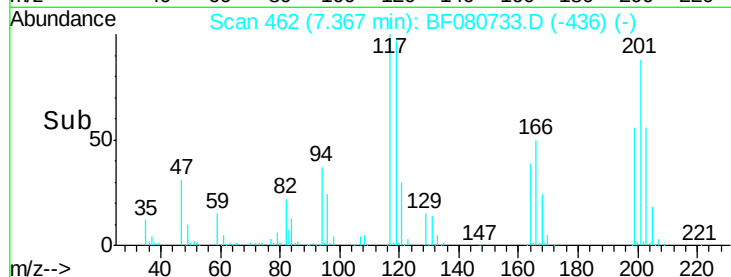
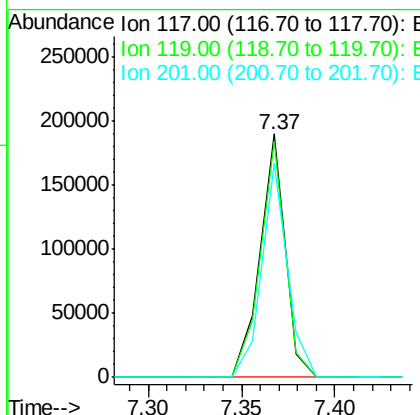
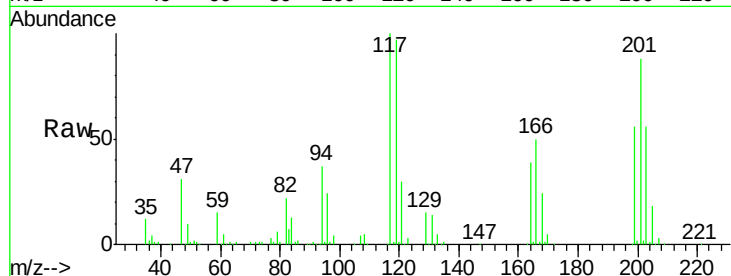




#18
Hexachloroethane
Concen: 40.98 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

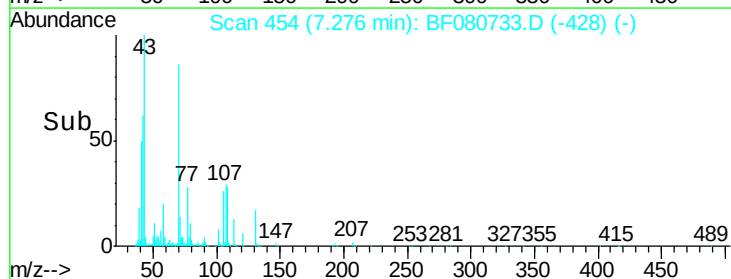
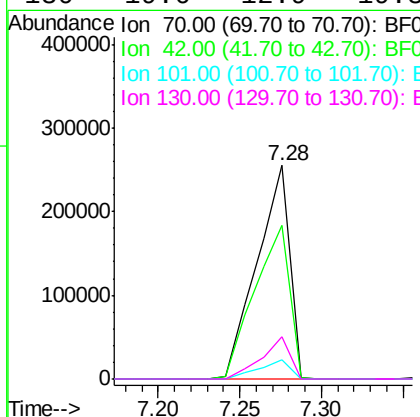
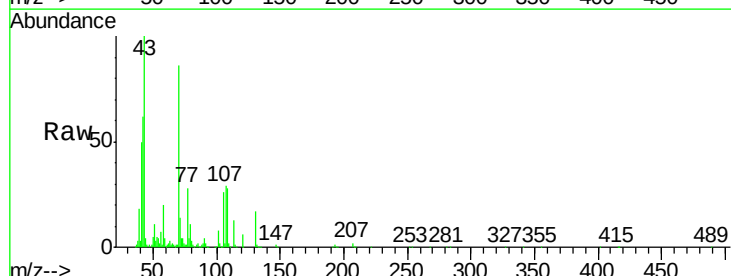
Instrument :
BNA_F
ClientSampleId :
PB84695BS

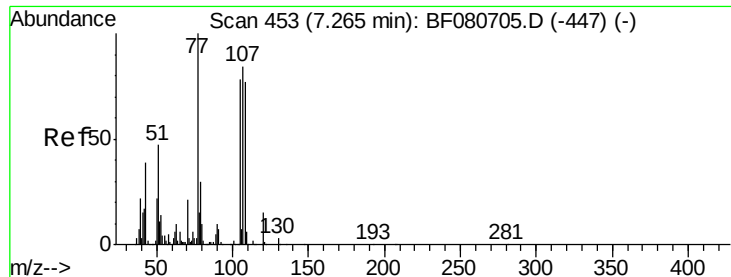
Tgt Ion: 117 Resp: 176271
Ion Ratio Lower Upper
117 100
119 96.7 74.9 112.3
201 88.0 61.5 92.3



#19
n-Nitroso-di-n-propylamine
Concen: 42.72 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion: 70 Resp: 354586
Ion Ratio Lower Upper
70 100
42 71.7 61.8 92.6
101 9.3 6.1 9.1#
130 19.6 12.9 19.3#





#20

3+4-Methylphenols

Concen: 45.22 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

Tgt Ion:107 Resp: 464698

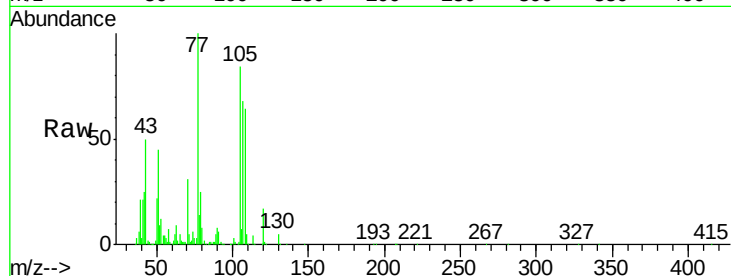
Ion Ratio Lower Upper

107 100

108 92.8 71.8 111.8

77 146.1 99.8 139.8#

79 37.1 16.2 56.2

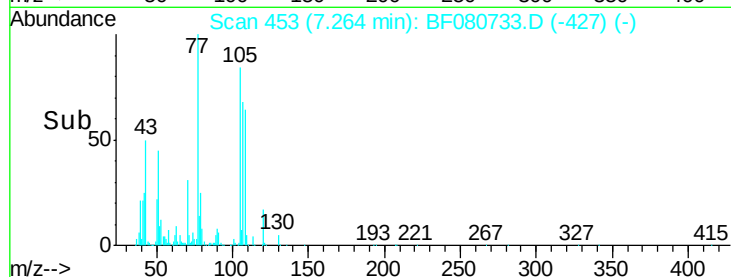


Abundance Ion 107.00 (106.70 to 107.70): E

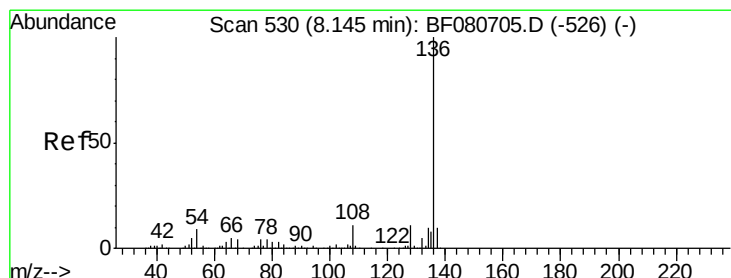
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:136 Resp: 573424

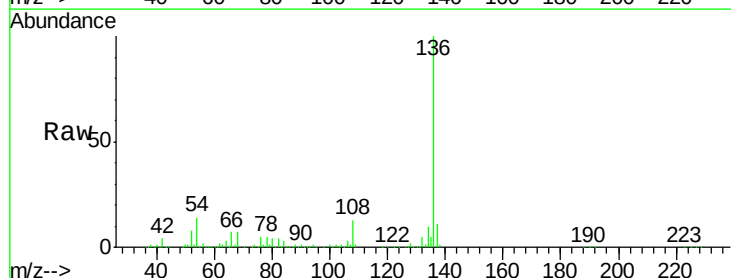
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 14.5 6.9 10.3#

68 6.5 3.5 5.3#

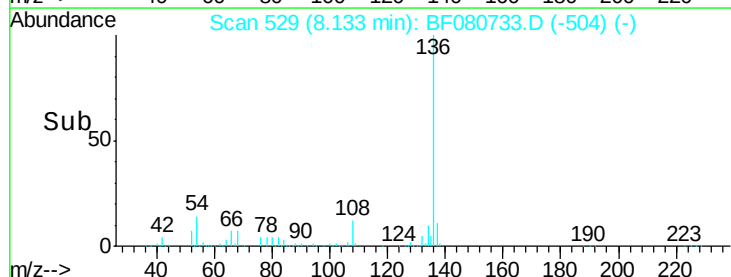


Abundance Ion 136.00 (135.70 to 136.70): E

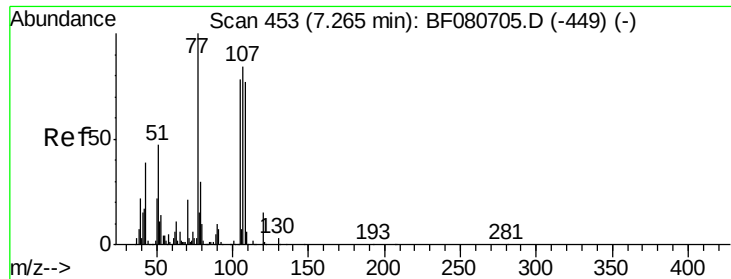
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.65 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

Tgt Ion: 105 Resp: 562621

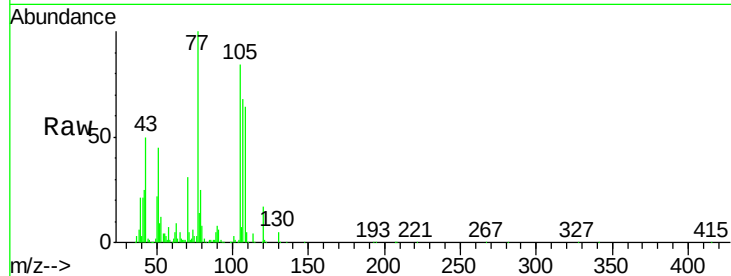
Ion Ratio Lower Upper

105 100

71 6.1 3.4 5.0#

51 53.7 47.9 71.9

120 20.1 15.0 22.6

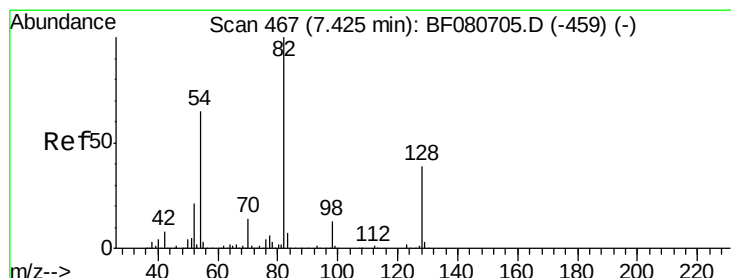
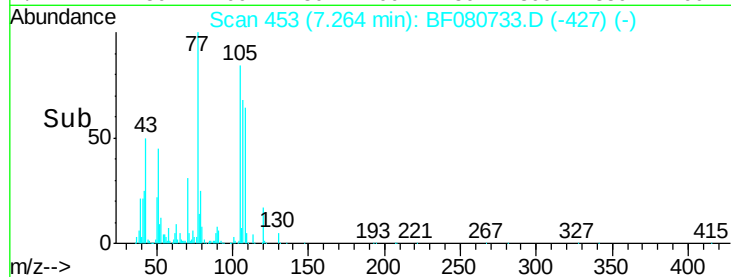
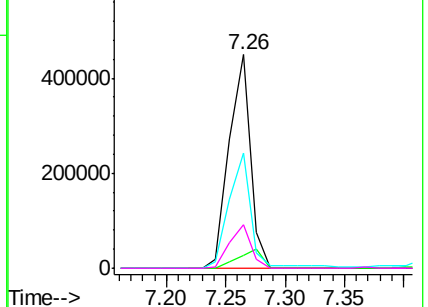


Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.02 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

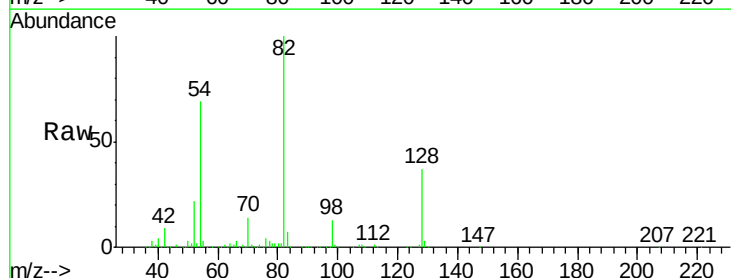
Tgt Ion: 82 Resp: 1066008

Ion Ratio Lower Upper

82 100

128 36.9 31.5 47.3

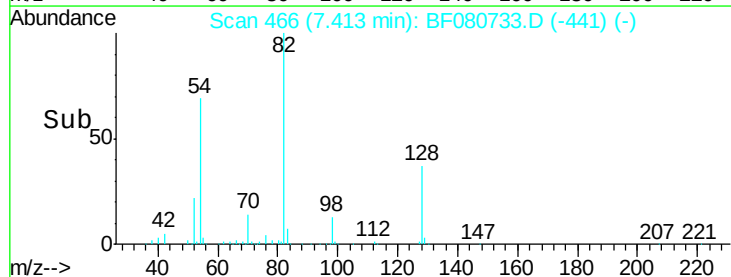
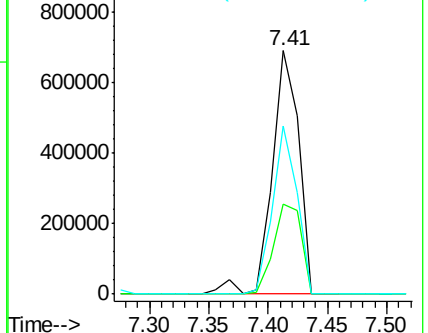
54 69.1 51.8 77.8

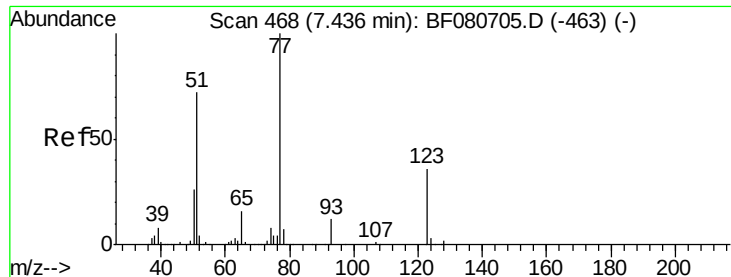


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

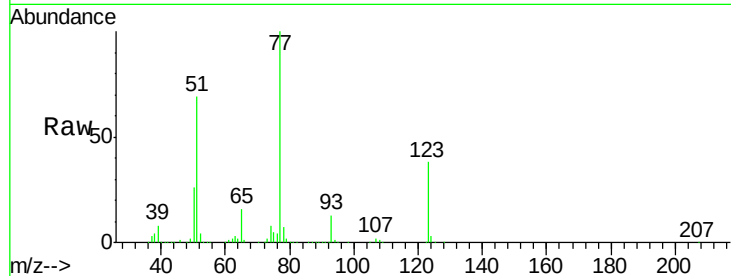




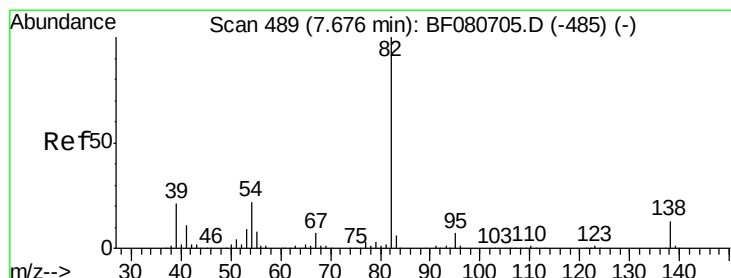
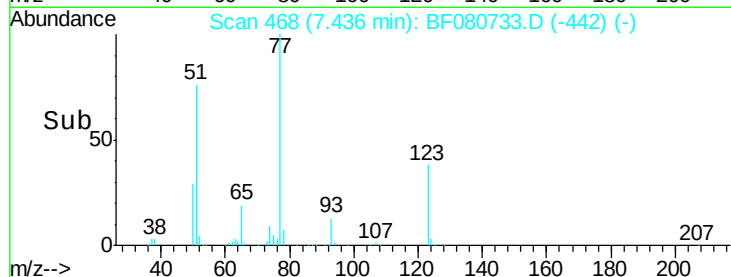
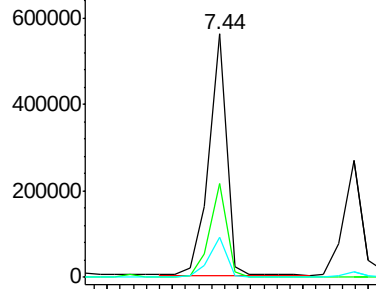
#24
 Nitrobenzene
 Concen: 44.70 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	28.9	43.3
65	16.3	13.0	19.4

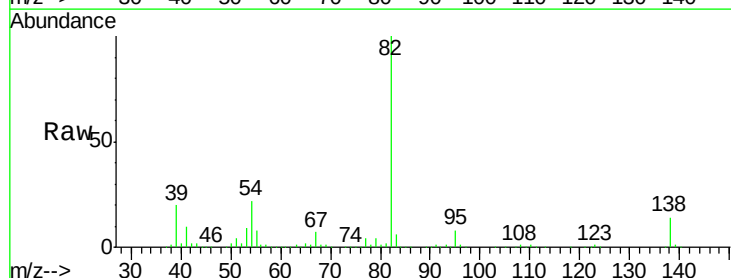


Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0

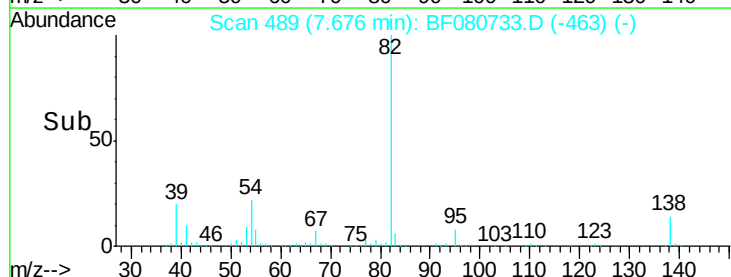
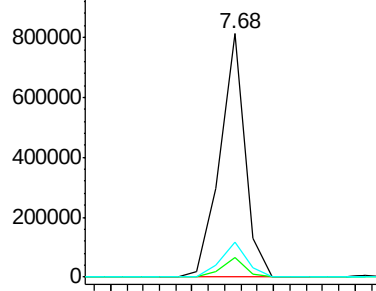


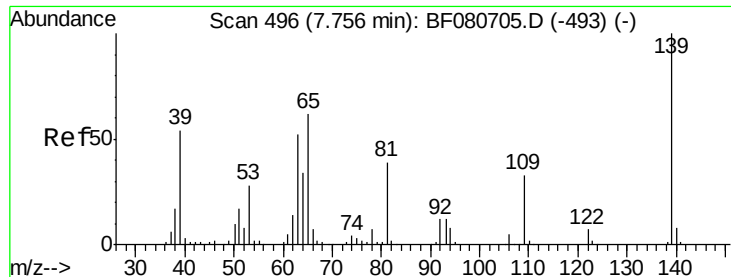
#25
 Isophorone
 Concen: 41.14 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.1	5.8	8.6
138	14.4	10.7	16.1



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

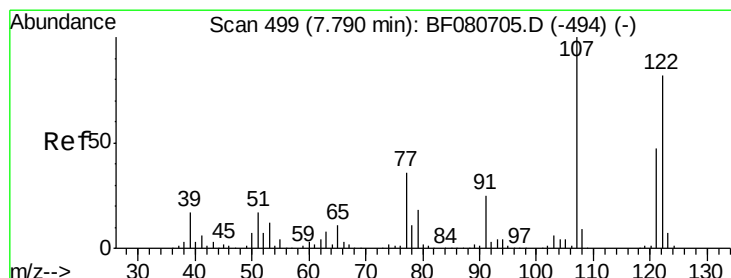
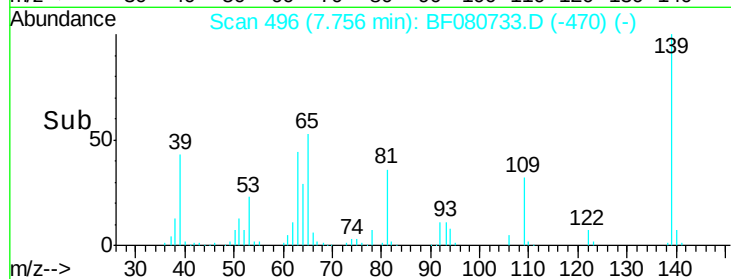
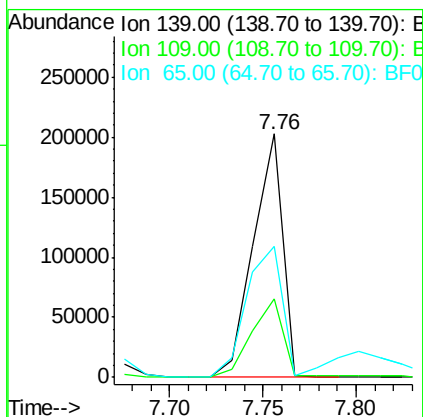
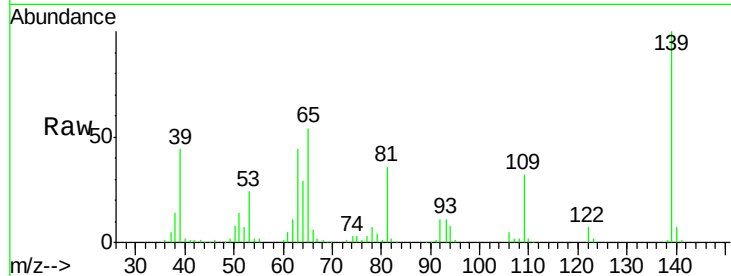




#26
2-Nitrophenol
Concen: 46.74 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

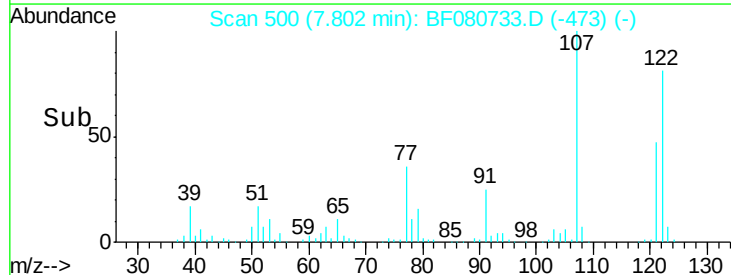
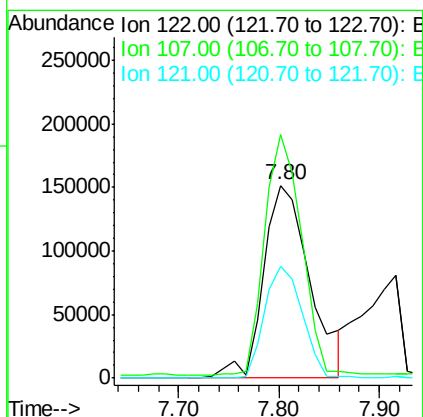
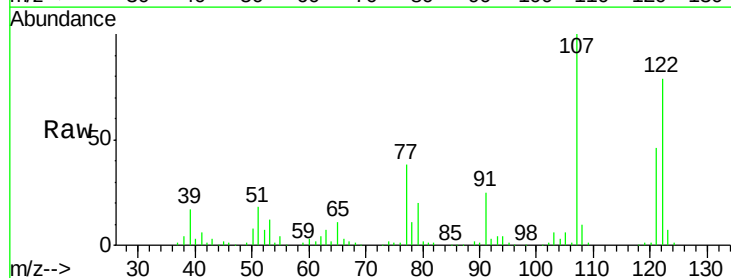
Instrument :
BNA_F
ClientSampled :
PB84695BS

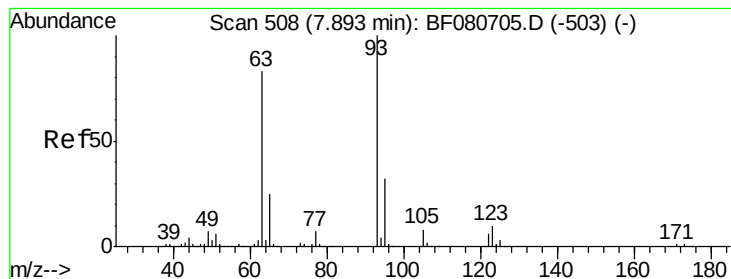
Tgt Ion:139 Resp: 225095
Ion Ratio Lower Upper
139 100
109 32.0 26.5 39.7
65 53.5 49.8 74.8



#27
2,4-Dimethylphenol
Concen: 53.70 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:122 Resp: 485772
Ion Ratio Lower Upper
122 100
107 126.3 98.1 147.1
121 57.9 45.8 68.8





#28

bis(2-Chloroethoxy)methane

Concen: 45.31 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

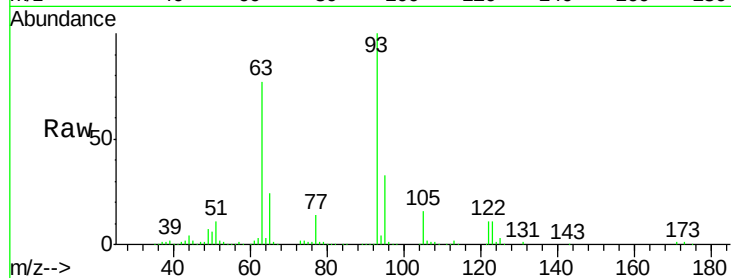
Tgt Ion: 93 Resp: 565323

Ion Ratio Lower Upper

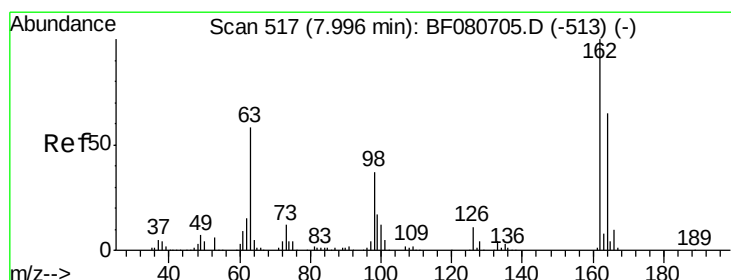
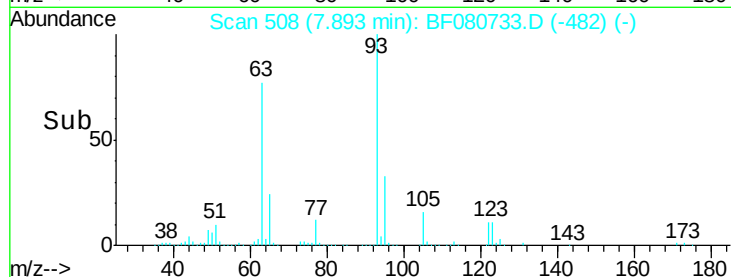
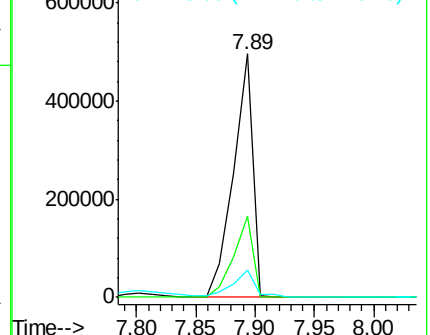
93 100

95 33.0 26.0 39.0

123 11.2 8.2 12.4



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): BF0



#29

2,4-Dichlorophenol

Concen: 43.77 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

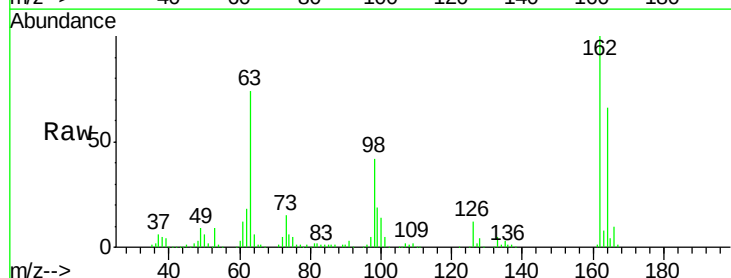
Tgt Ion: 162 Resp: 351988

Ion Ratio Lower Upper

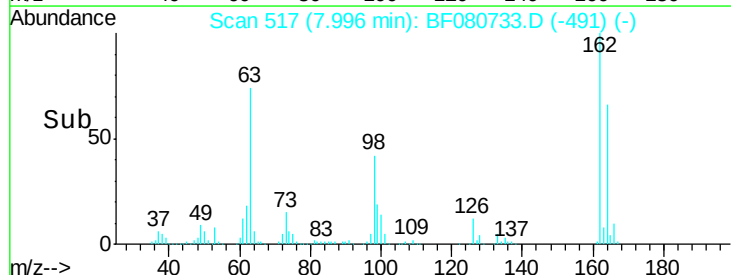
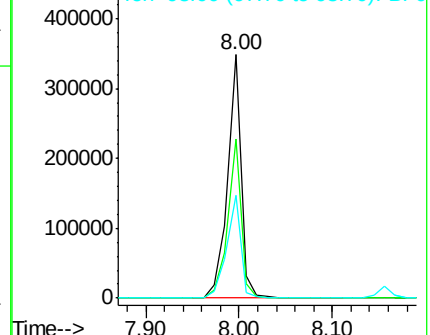
162 100

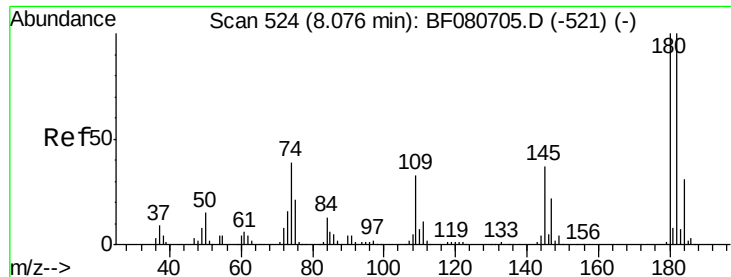
164 65.6 45.1 85.1

98 42.1 17.0 57.0



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

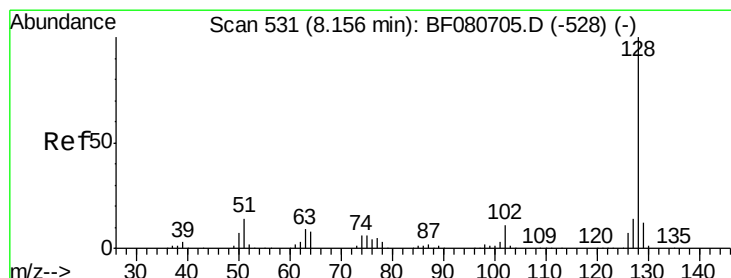
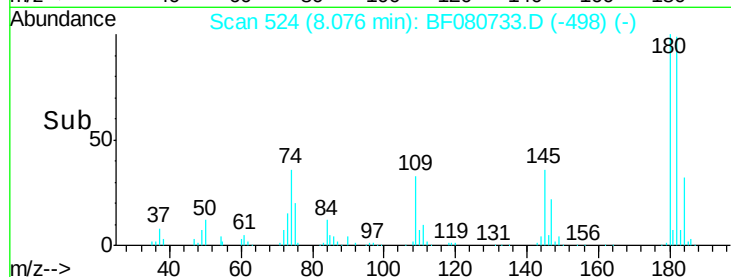
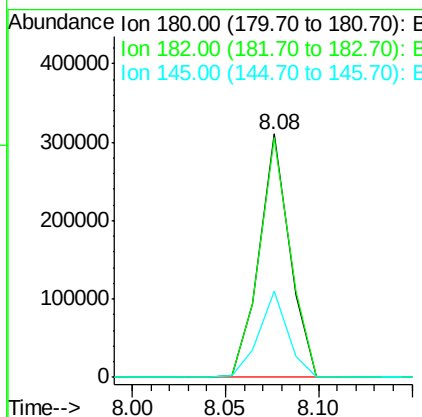
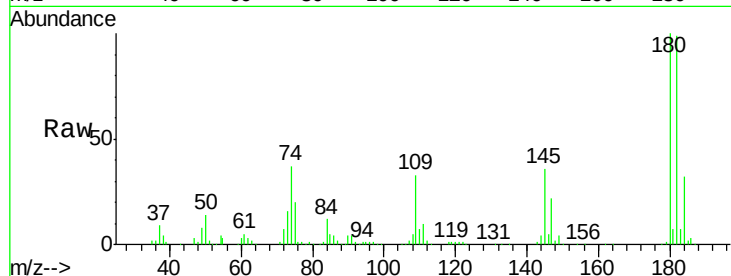




#30
 1,2,4-Trichlorobenzene
 Concen: 40.11 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

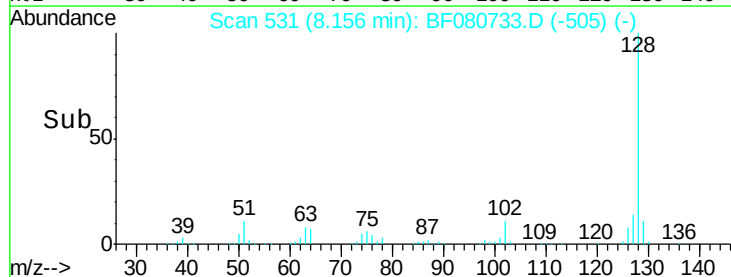
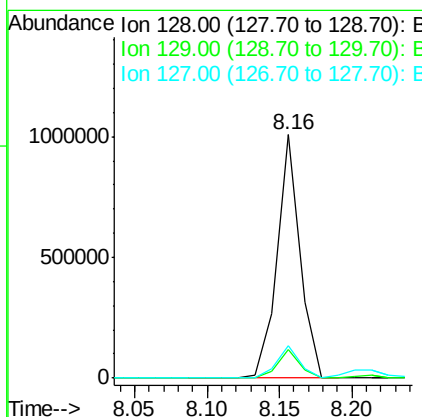
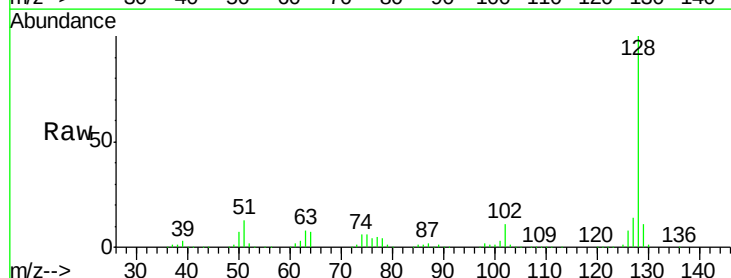
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

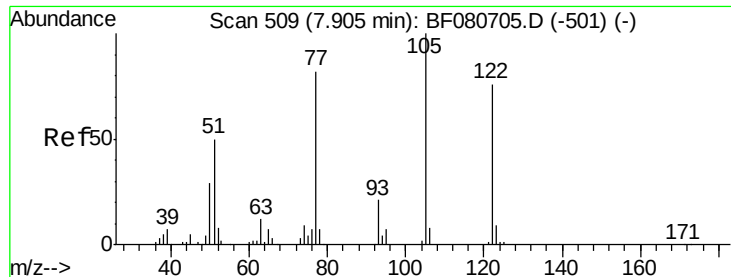
Tgt Ion:180 Resp: 351716
 Ion Ratio Lower Upper
 180 100
 182 98.6 79.8 119.8
 145 35.6 29.8 44.6



#31
 Naphthalene
 Concen: 38.46 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:128 Resp: 1100718
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.5 14.3
 127 13.5 11.0 16.6





#32

Benzoic acid

Concen: 33.95 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

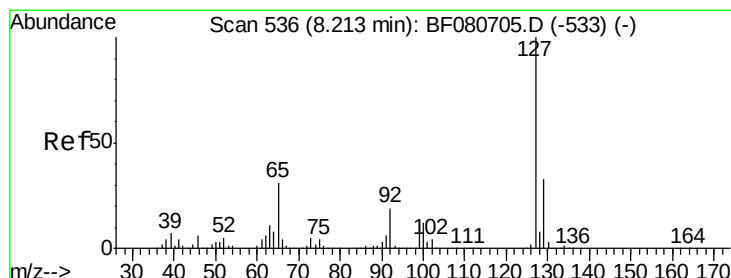
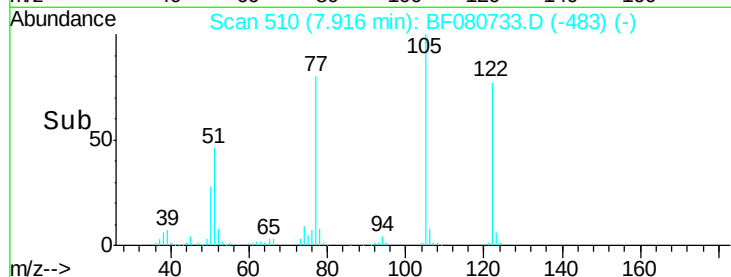
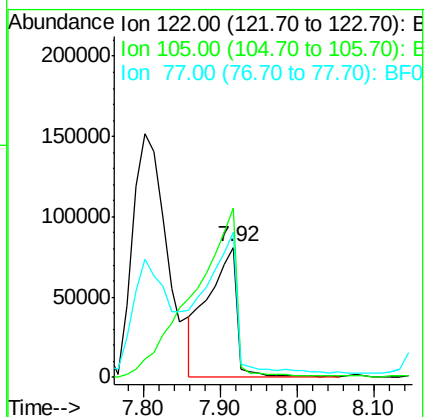
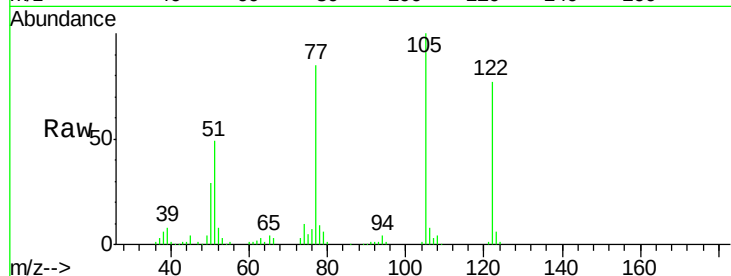
Tgt Ion:122 Resp: 214751

Ion Ratio Lower Upper

122 100

105 130.3 111.3 151.3

77 111.2 88.1 128.1



#33

4-Chloroaniline

Concen: 6.27 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:127 Resp: 75785

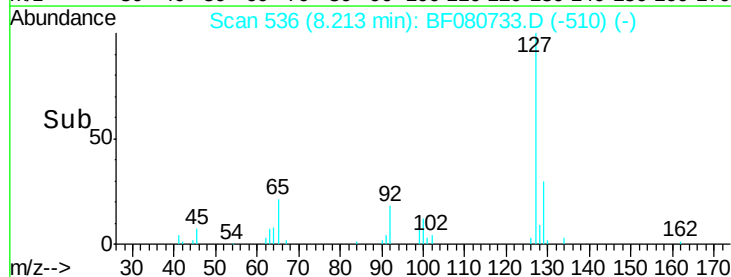
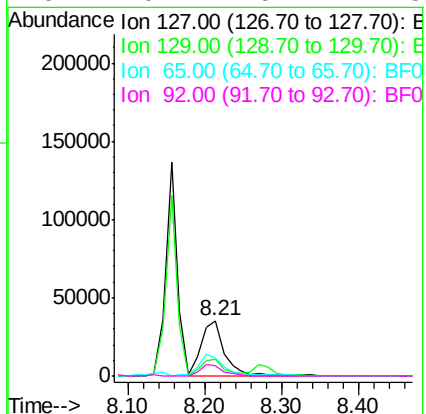
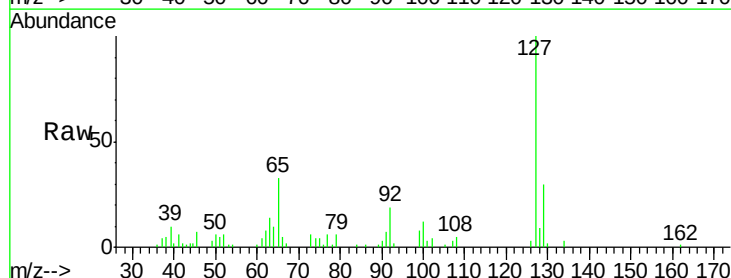
Ion Ratio Lower Upper

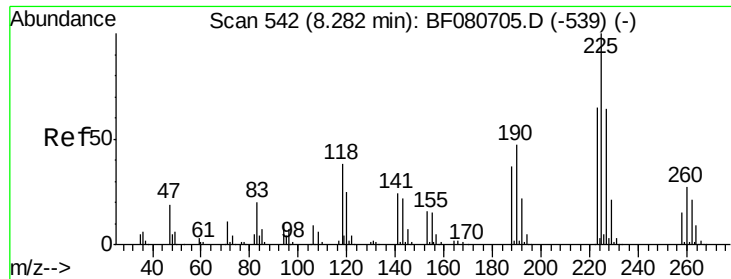
127 100

129 30.3 26.7 40.1

65 32.8 24.5 36.7

92 19.1 15.2 22.8

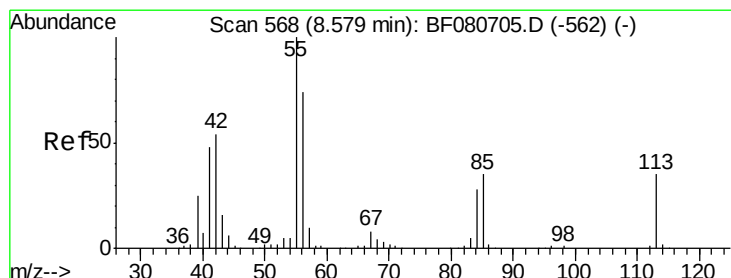
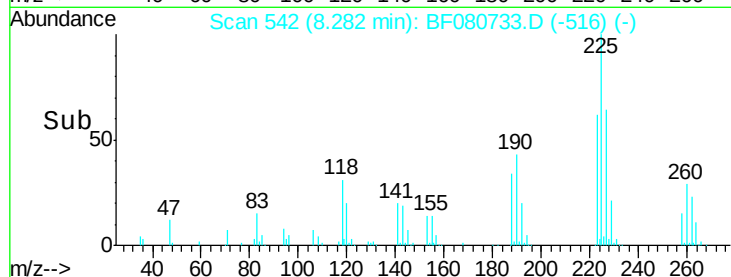
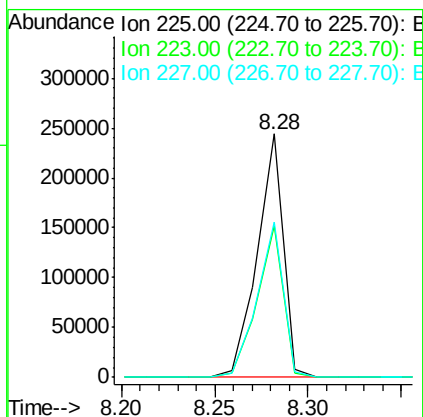
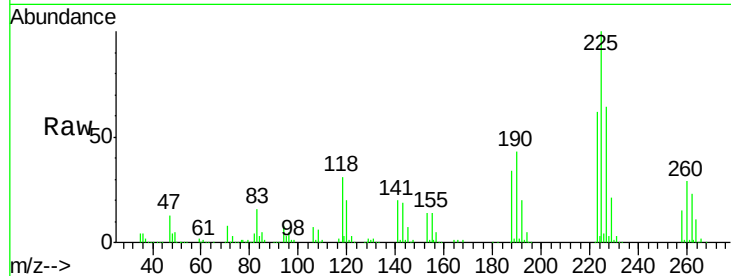




#34
Hexachlorobutadiene
Concen: 42.29 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

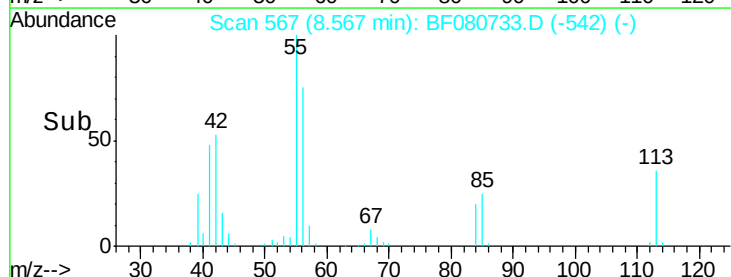
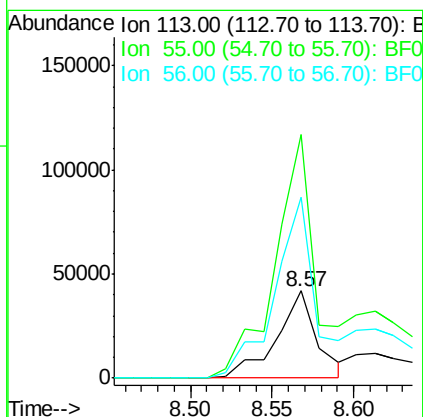
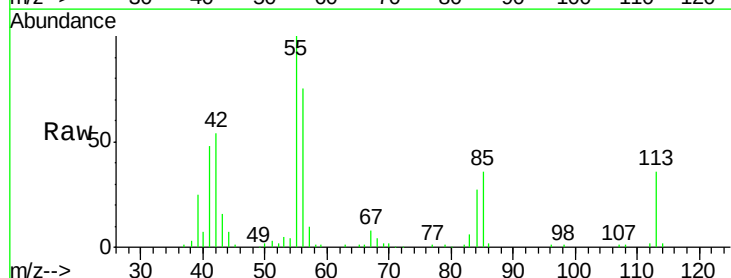
Instrument :
BNA_F
ClientSampleId :
PB84695BS

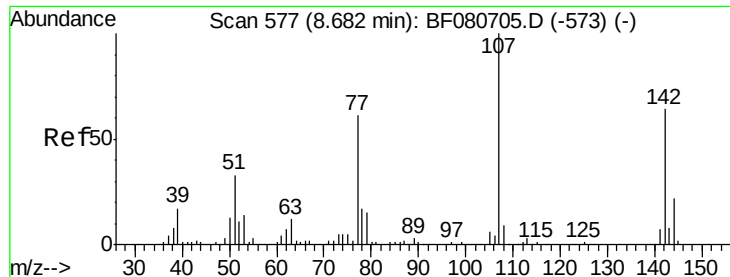
Tgt Ion: 225 Resp: 239426
Ion Ratio Lower Upper
225 100
223 62.0 51.7 77.5
227 63.8 51.0 76.4



#35
Caprolactam
Concen: 29.96 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion: 113 Resp: 72154
Ion Ratio Lower Upper
113 100
55 278.6 269.3 309.3
56 207.7 193.3 233.3

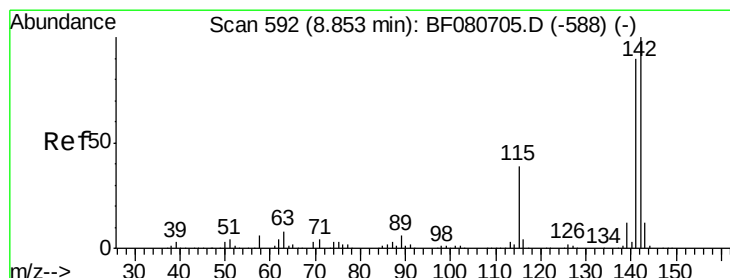
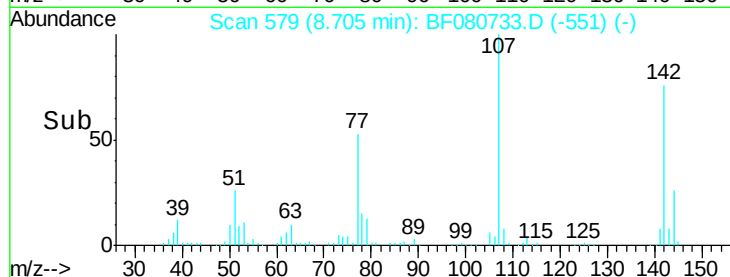
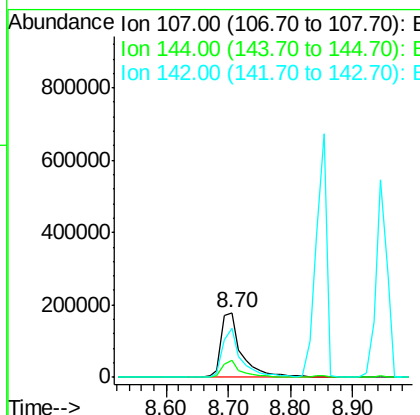
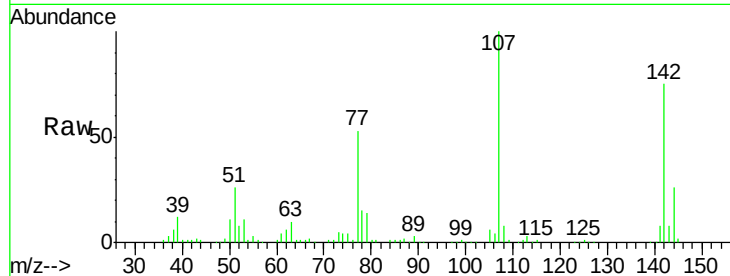




#36
 4-Chloro-3-methylphenol
 Concen: 46.59 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

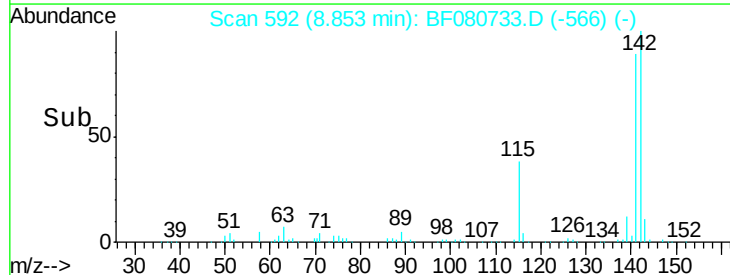
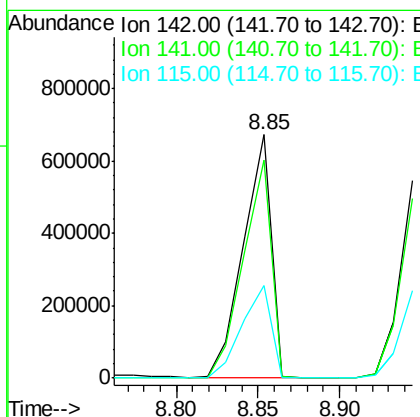
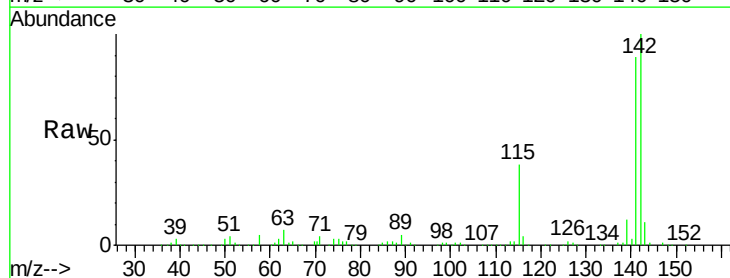
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

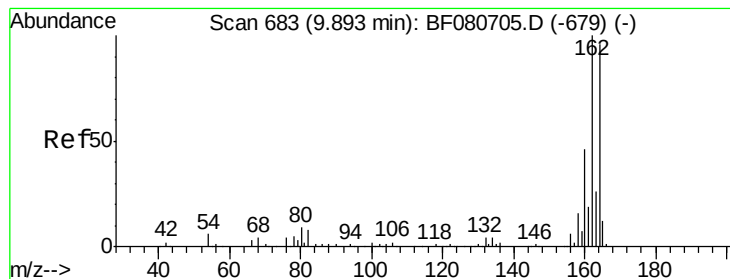
Tgt Ion:107 Resp: 403923
 Ion Ratio Lower Upper
 107 100
 144 25.8 17.2 25.8#
 142 75.2 51.2 76.8



#37
 2-Methylnaphthalene
 Concen: 44.71 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:142 Resp: 803314
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.9 107.9
 115 38.2 31.4 47.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

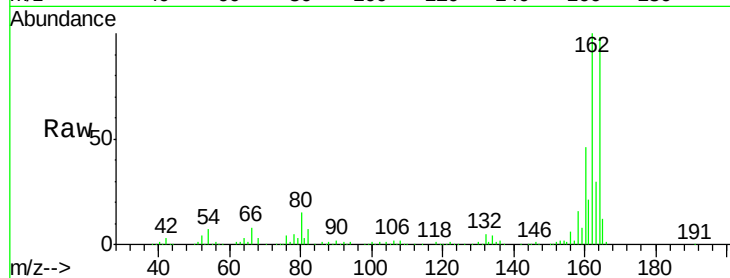
Tgt Ion:164 Resp: 305393

Ion Ratio Lower Upper

164 100

162 102.4 83.4 125.0

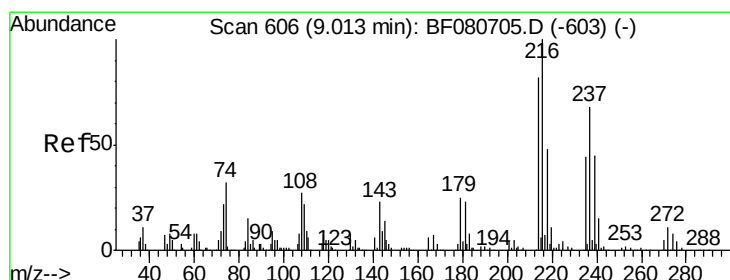
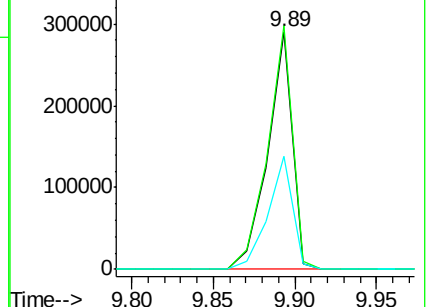
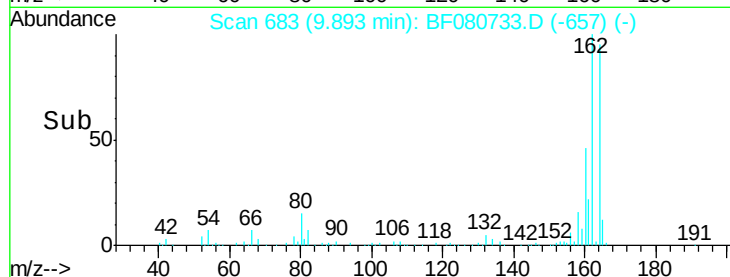
160 47.4 38.0 57.0



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: 33.87 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion:216 Resp: 324799

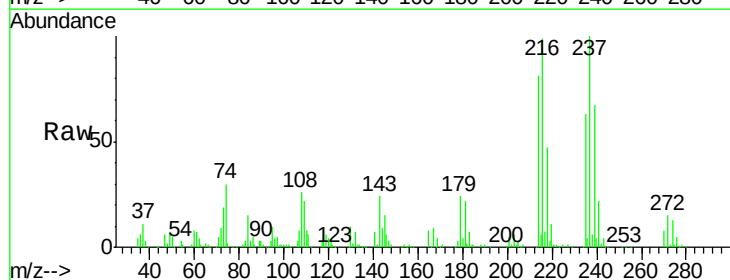
Ion Ratio Lower Upper

216 100

214 79.3 63.1 94.7

179 22.3 16.9 25.3

108 25.1 17.0 25.6

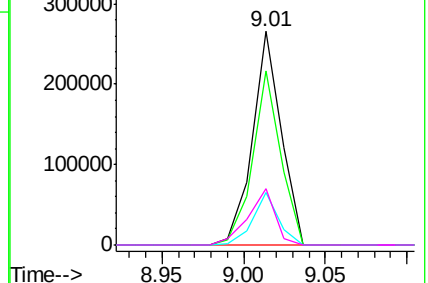
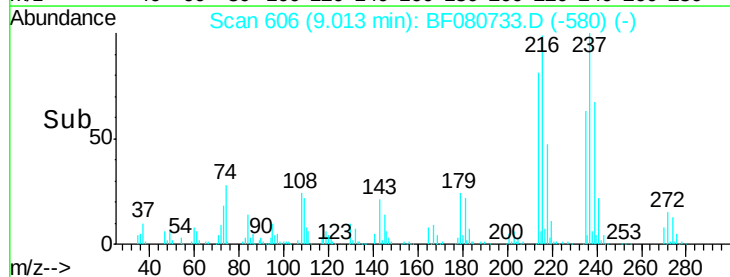


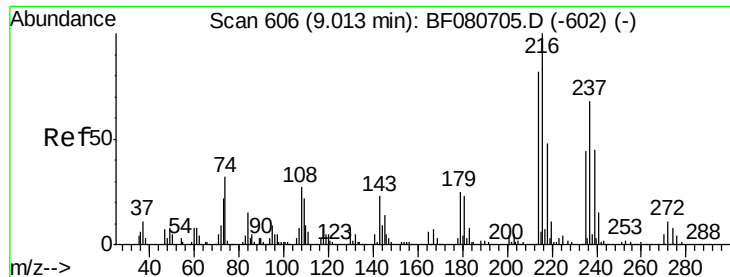
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

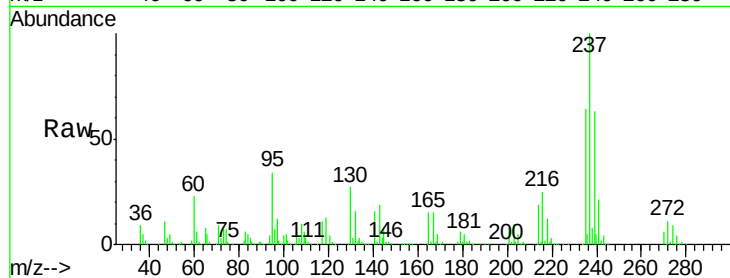




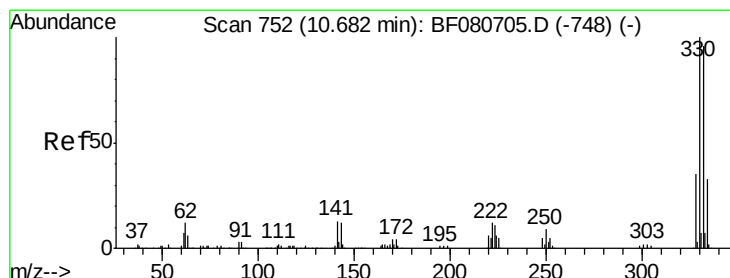
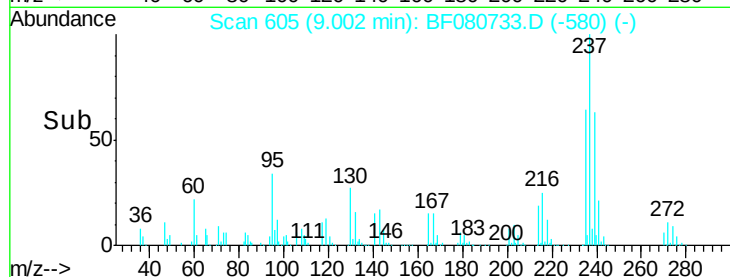
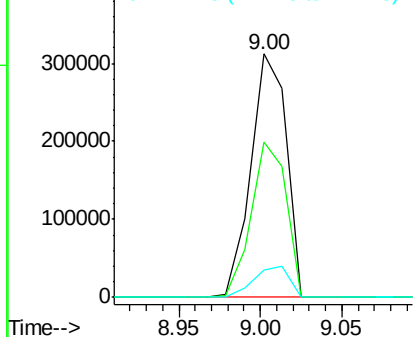
#40
Hexachlorocyclopentadiene
Concen: 79.53 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion: 237 Resp: 469242
Ion Ratio Lower Upper
237 100
235 63.8 44.3 84.3
272 11.2 0.0 35.5

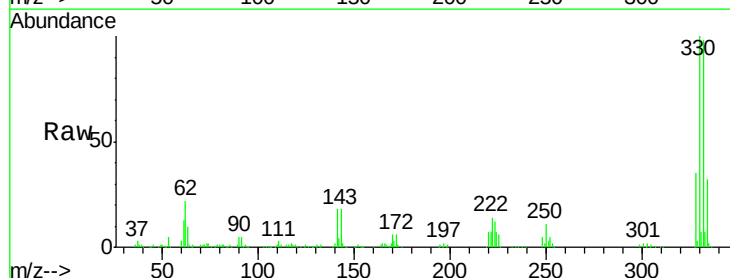


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

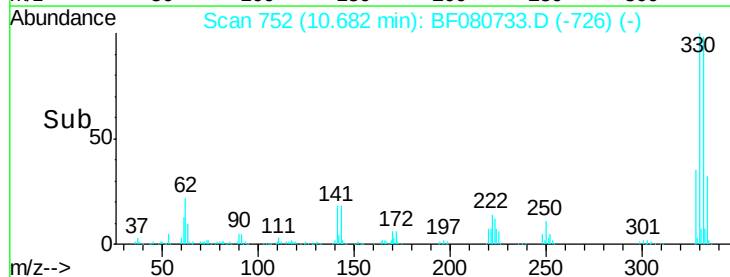
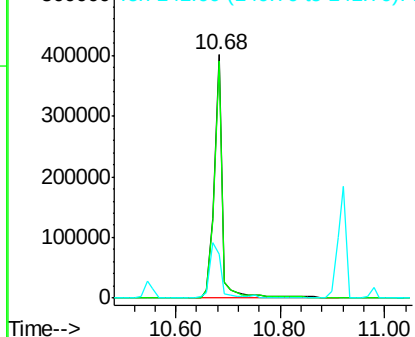


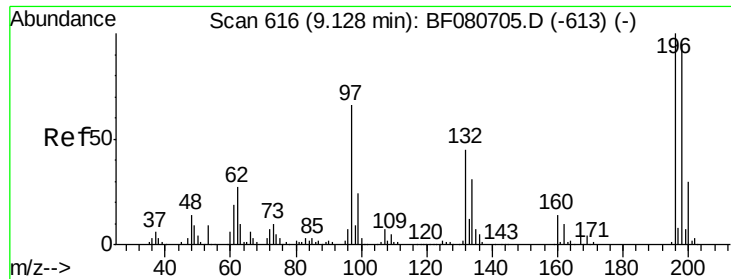
#41
2,4,6-Tribromophenol
Concen: 140.14 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion: 330 Resp: 444106
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 29.9 26.0 39.0



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

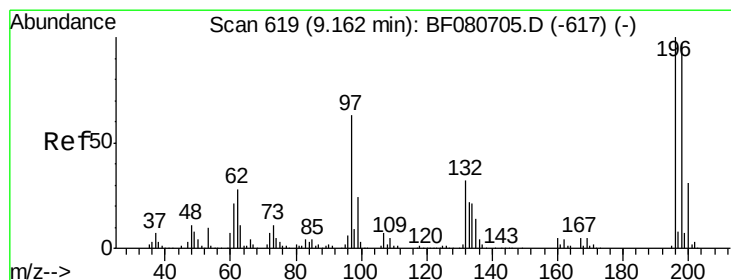
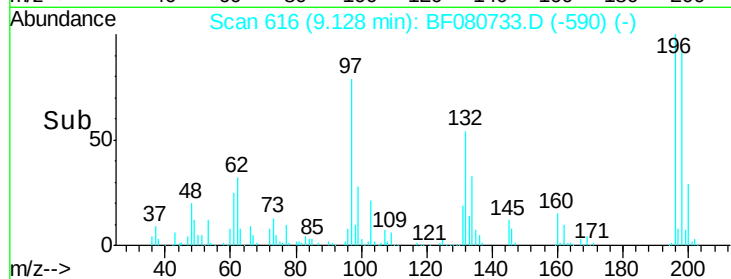
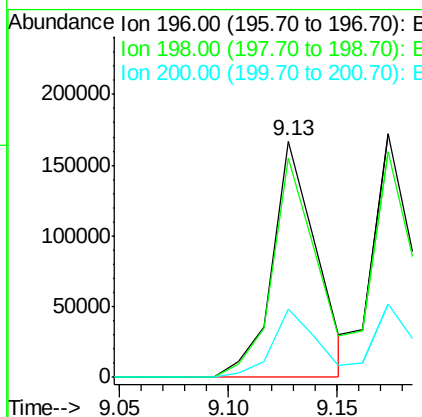
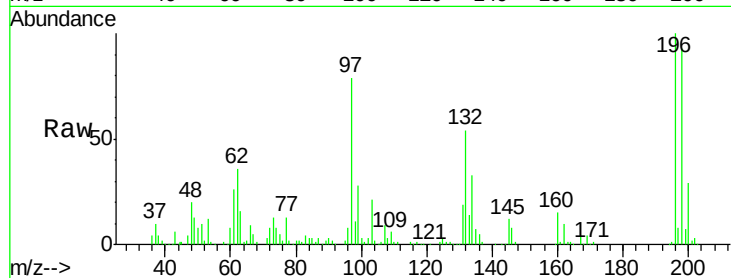




#42
 2,4,6-Trichlorophenol
 Concen: 35.46 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

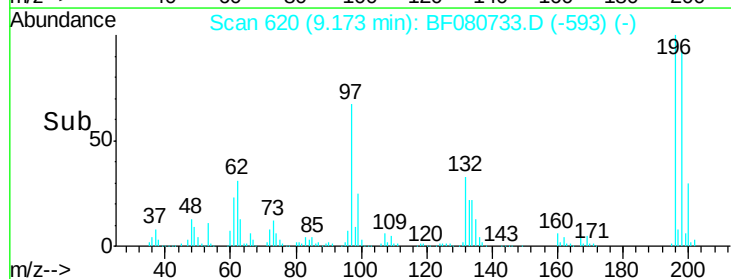
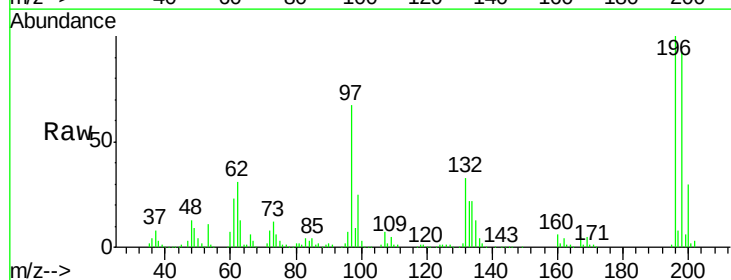
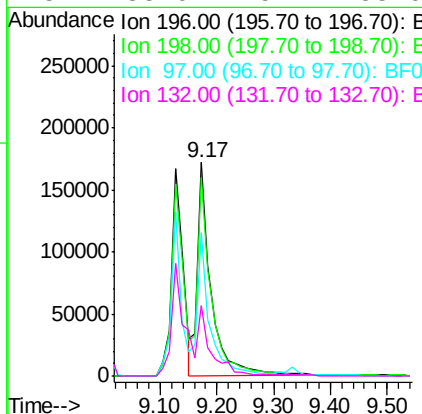
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

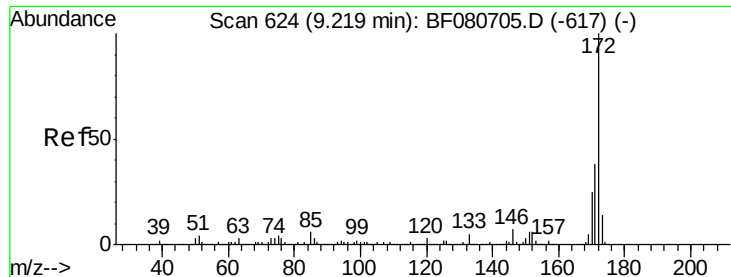
Tgt Ion:196 Resp: 236558
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.8 113.8
 200 29.0 24.2 36.2



#43
 2,4,5-Trichlorophenol
 Concen: 42.97 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:196 Resp: 284372
 Ion Ratio Lower Upper
 196 100
 198 92.8 77.8 116.8
 97 67.4 49.0 73.4
 132 33.0 25.4 38.0

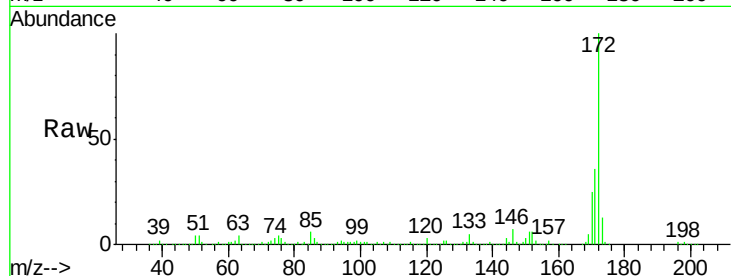




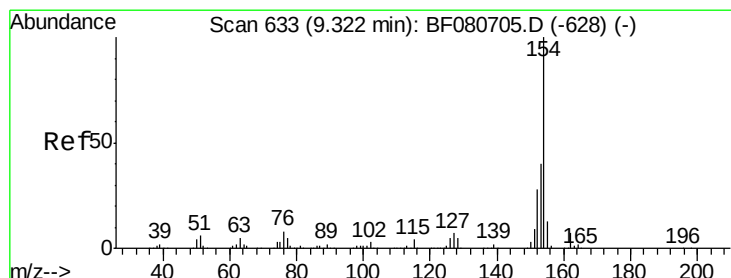
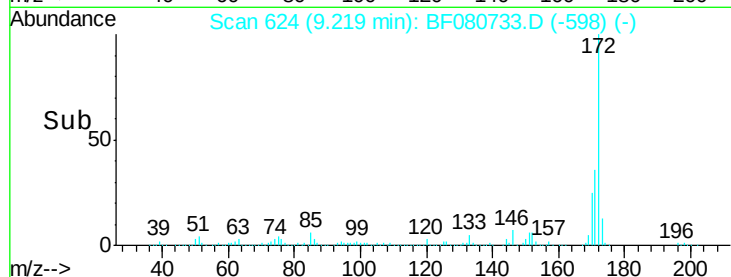
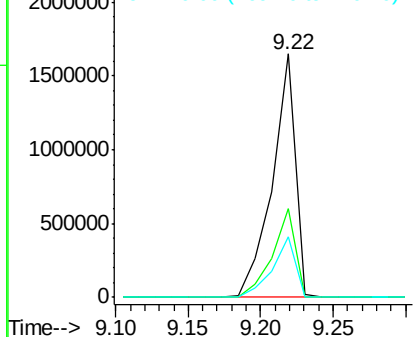
#44
2-Fluorobiphenyl
Concen: 89.05 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:172 Resp: 1822812
Ion Ratio Lower Upper
172 100
171 36.5 30.2 45.4
170 24.9 20.2 30.2

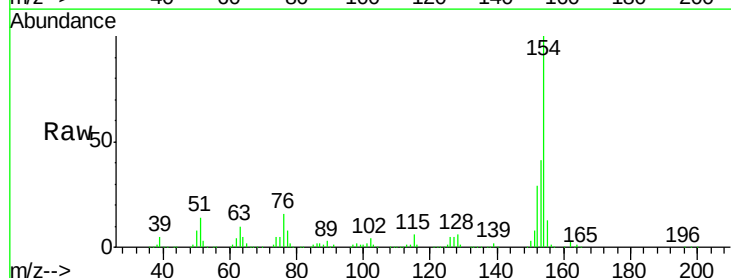


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

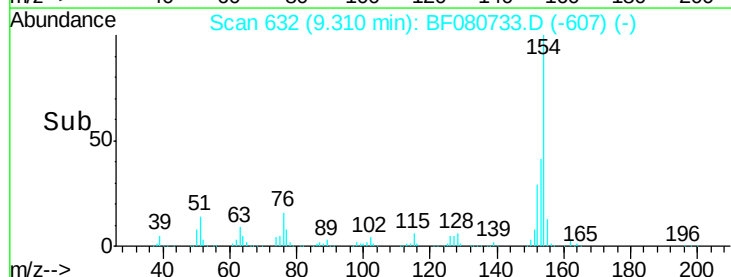
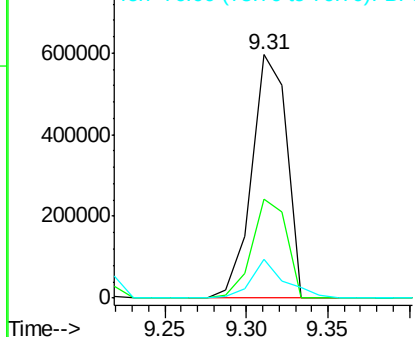


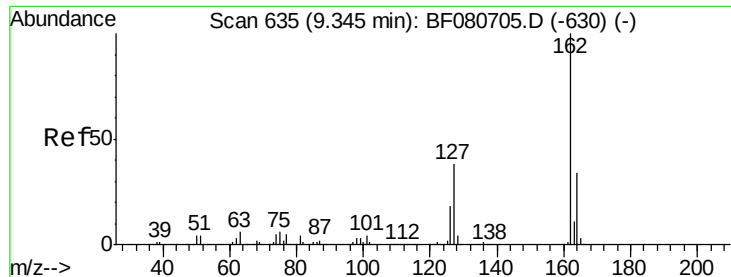
#45
1,1'-Biphenyl
Concen: 37.79 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:154 Resp: 884923
Ion Ratio Lower Upper
154 100
153 40.6 19.9 59.9
76 15.9 0.0 28.3



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

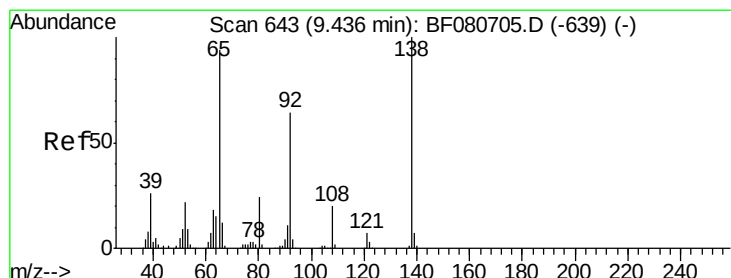
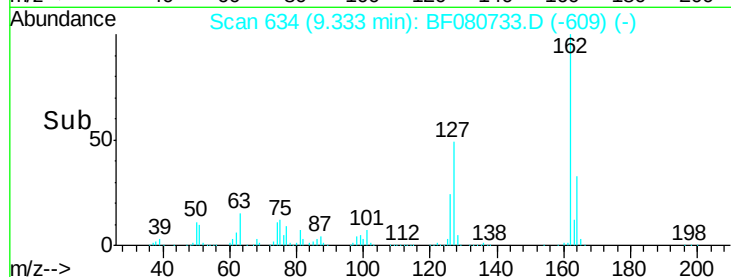
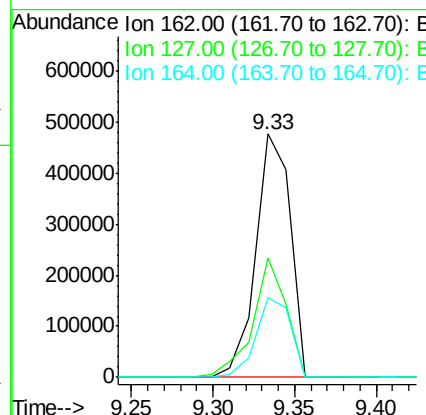
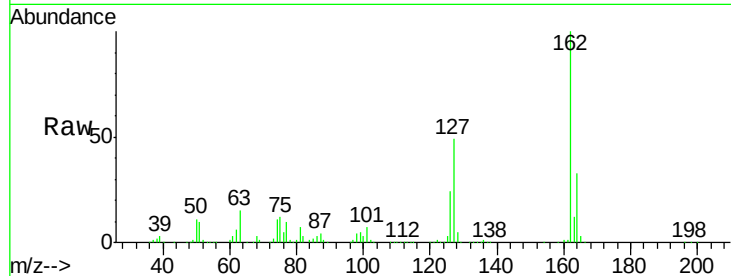




#46
 2-Chloronaphthalene
 Concen: 36.56 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

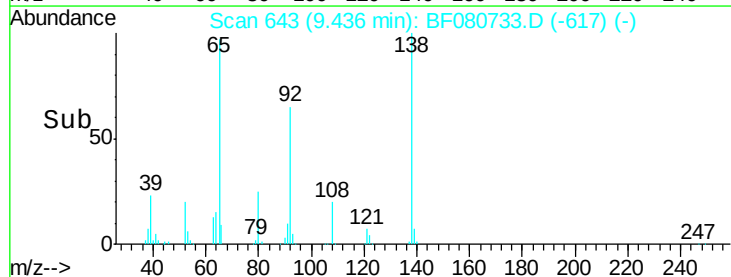
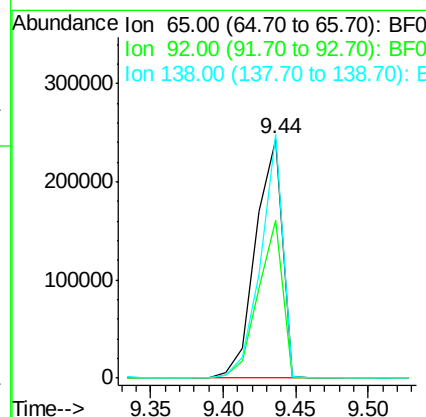
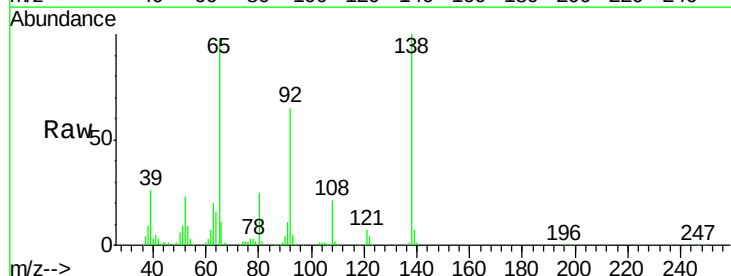
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

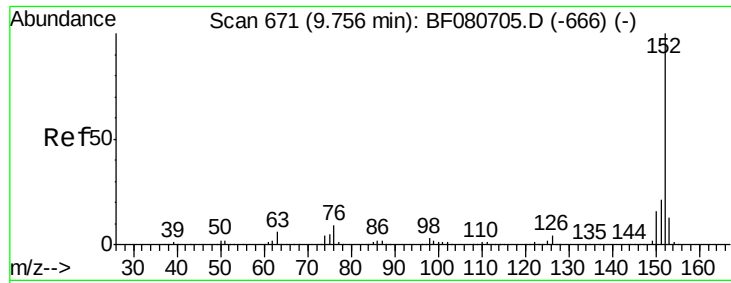
Tgt Ion: 162 Resp: 699223
 Ion Ratio Lower Upper
 162 100
 127 49.2 30.2 45.4#
 164 32.9 27.1 40.7



#47
 2-Nitroaniline
 Concen: 41.54 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion: 65 Resp: 309090
 Ion Ratio Lower Upper
 65 100
 92 66.1 54.9 82.3
 138 101.9 85.1 127.7





#48

Acenaphthylene

Concen: 39.76 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

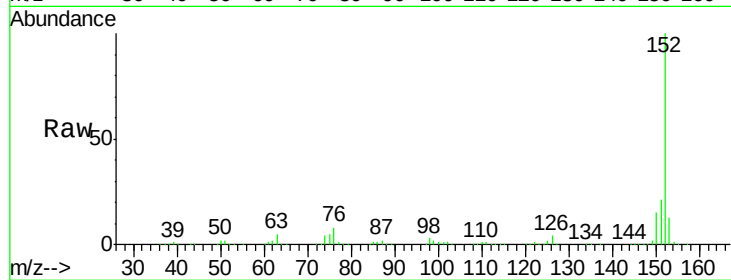
Tgt Ion:152 Resp: 1209168

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

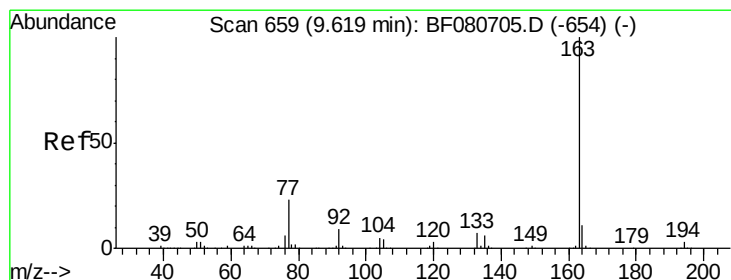
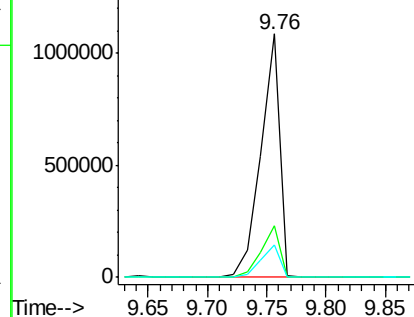
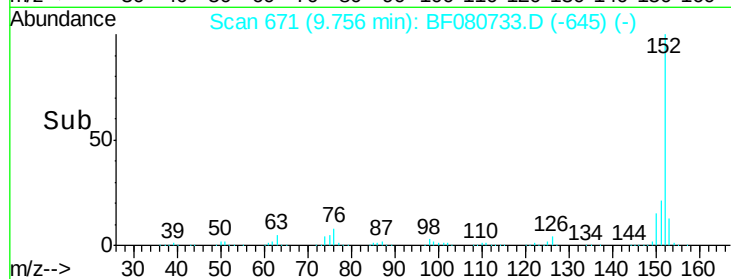
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.37 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

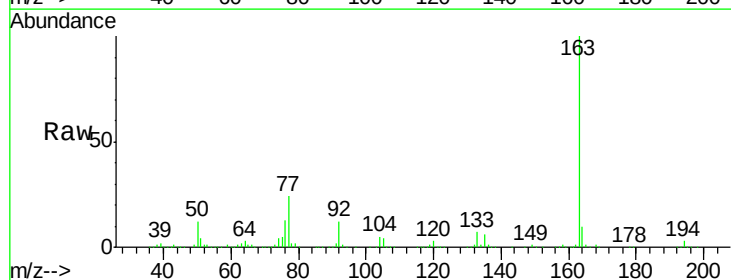
Tgt Ion:163 Resp: 890257

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

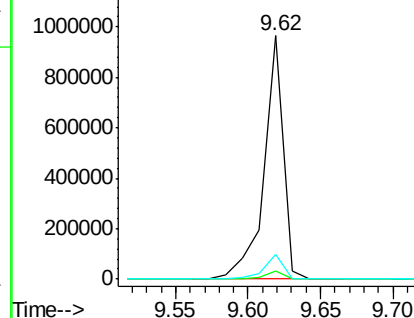
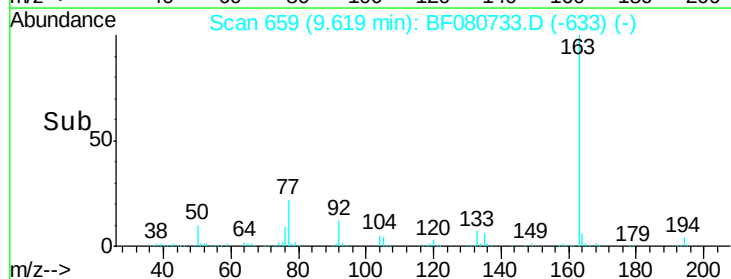
164 10.3 8.7 13.1

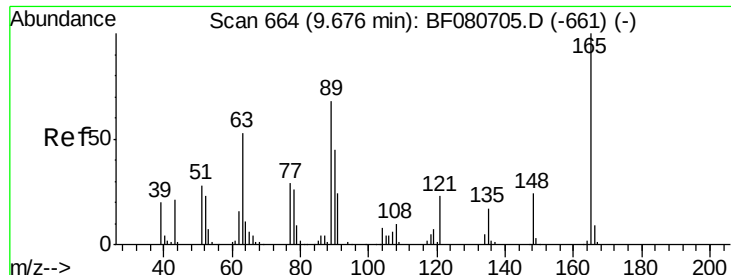


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

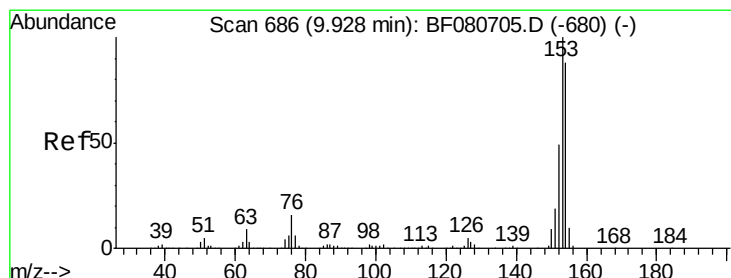
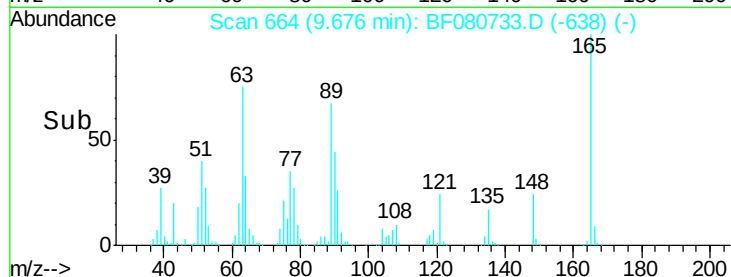
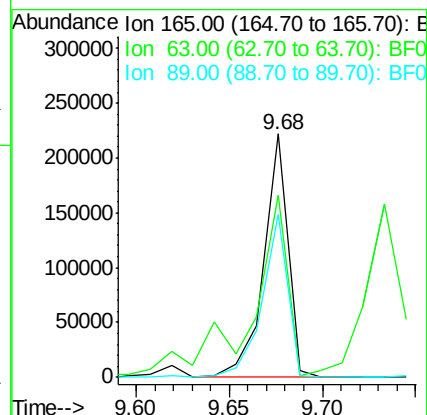
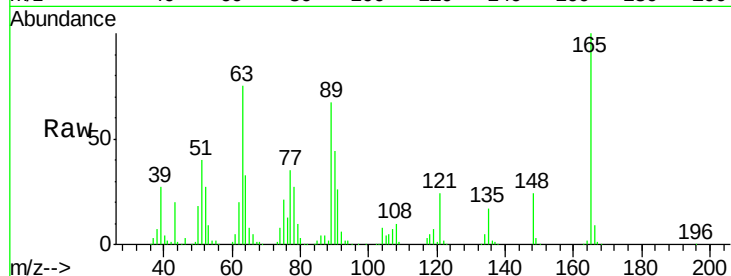




#50
2,6-Dinitrotoluene
Concen: 43.44 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

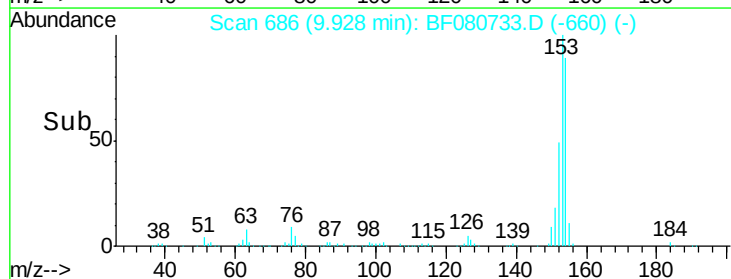
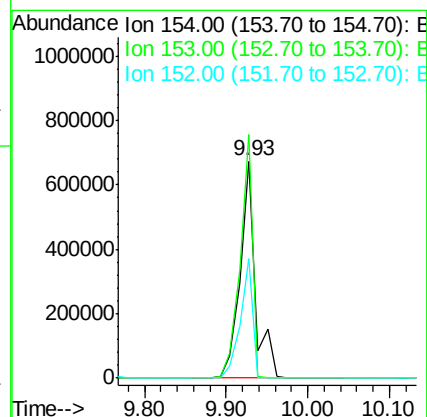
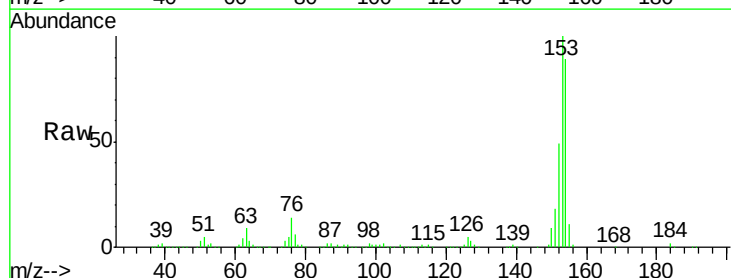
Instrument :
BNA_F
ClientSampleId :
PB84695BS

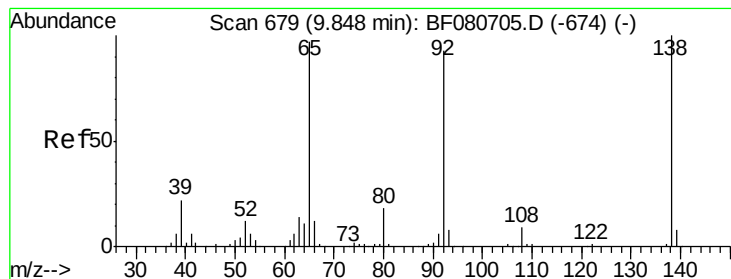
Tgt Ion:165 Resp: 198426
Ion Ratio Lower Upper
165 100
63 74.8 62.3 93.5
89 66.8 54.8 82.2



#51
Acenaphthene
Concen: 47.55 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:154 Resp: 882184
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 55.2 44.2 66.4





#52

3-Nitroaniline

Concen: 14.51 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

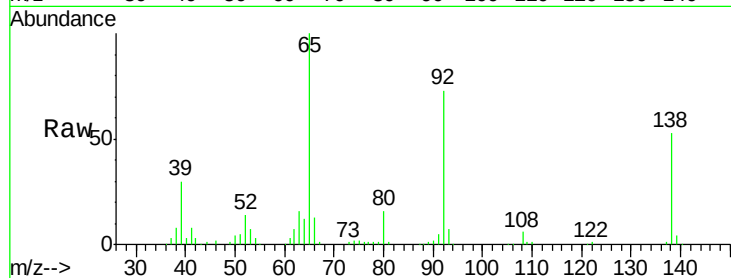
Tgt Ion:138 Resp: 76459

Ion Ratio Lower Upper

138 100

108 11.6 6.9 10.3#

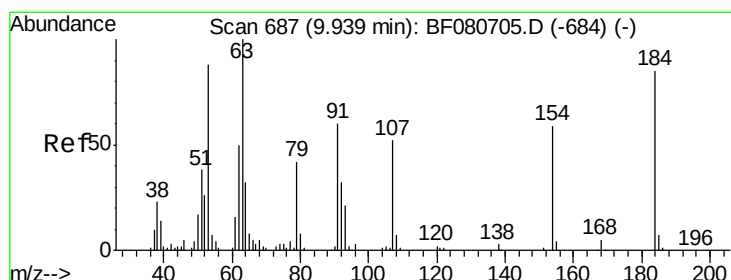
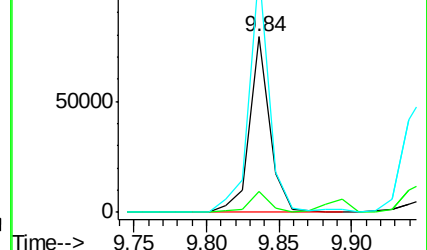
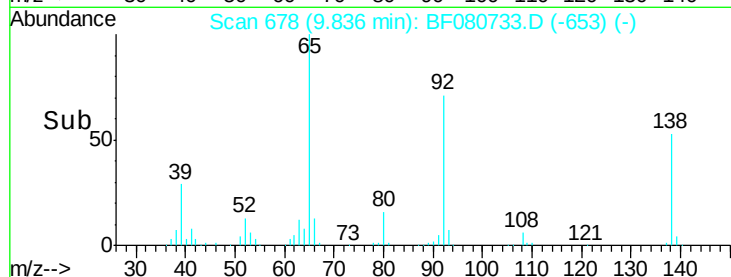
92 139.0 74.1 111.1#



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: 101.39 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

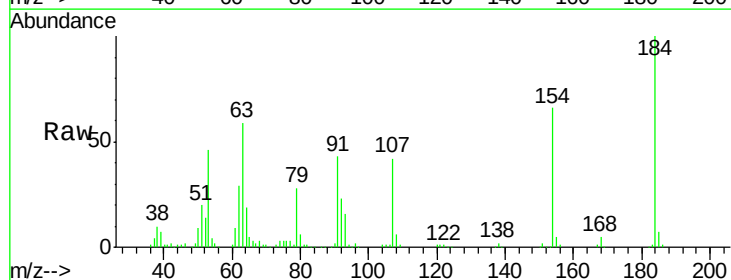
Tgt Ion:184 Resp: 246652

Ion Ratio Lower Upper

184 100

63 58.8 96.0 144.0#

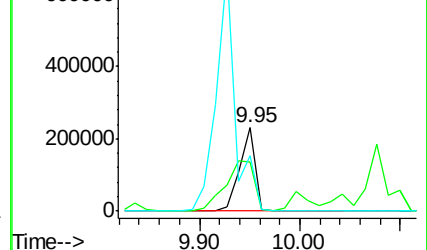
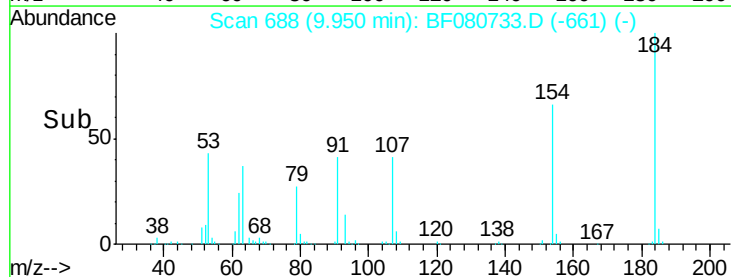
154 66.3 66.0 99.0

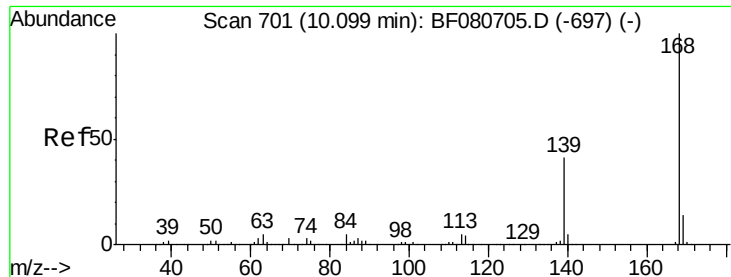


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

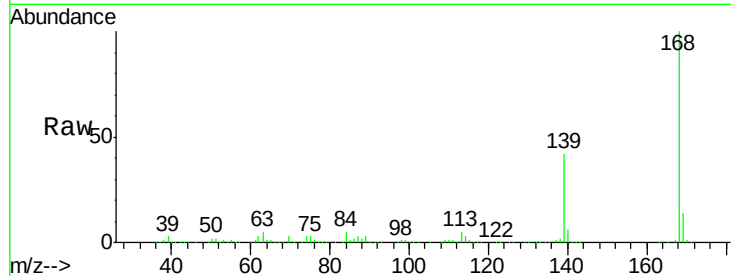




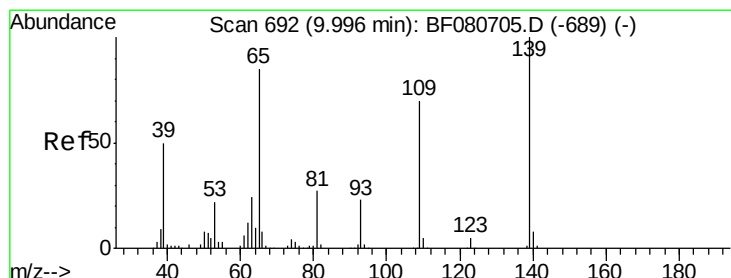
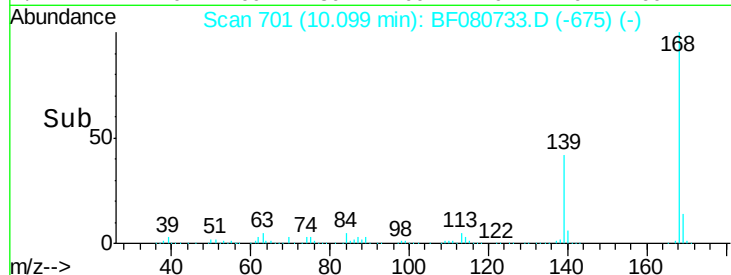
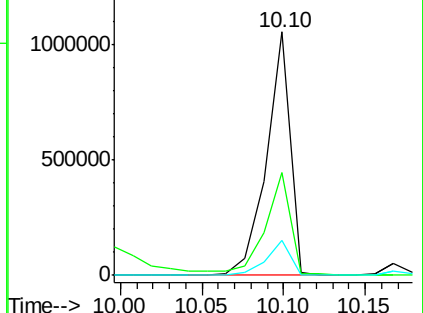
#54
Dibenzenofuran
Concen: 43.03 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:168 Resp: 1067766
Ion Ratio Lower Upper
168 100
139 42.2 33.0 49.6
169 14.1 11.4 17.2

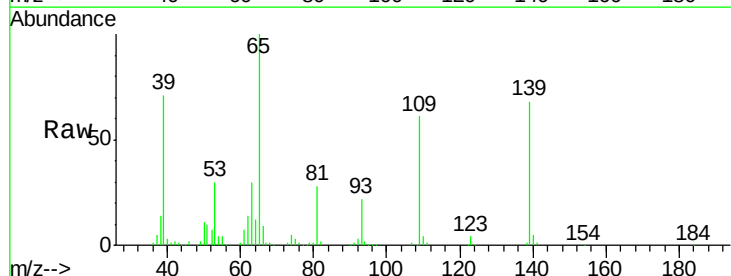


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

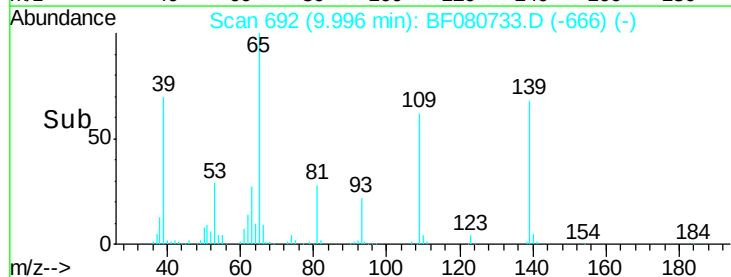
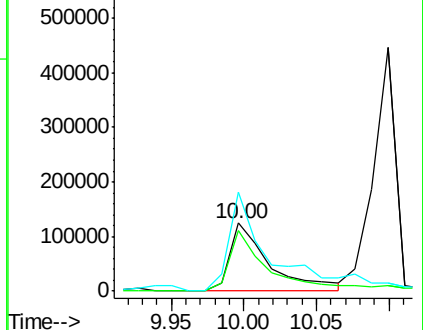


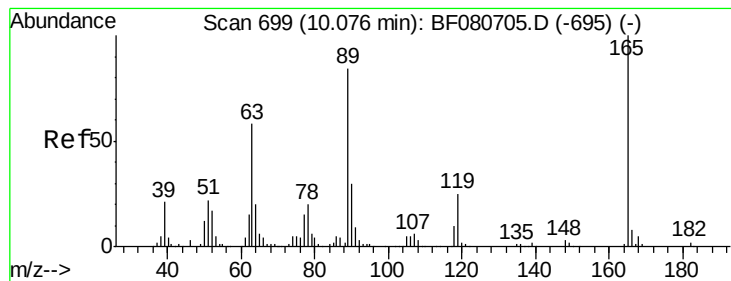
#55
4-Nitrophenol
Concen: 61.15 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:139 Resp: 237442
Ion Ratio Lower Upper
139 100
109 90.3 50.4 90.4
65 147.1 66.1 106.1#



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

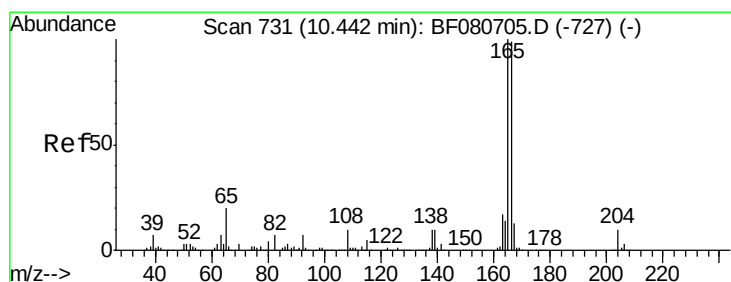
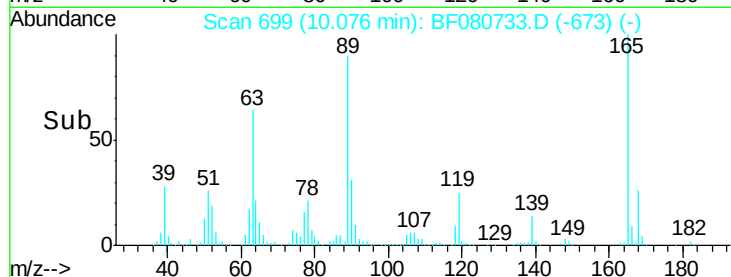
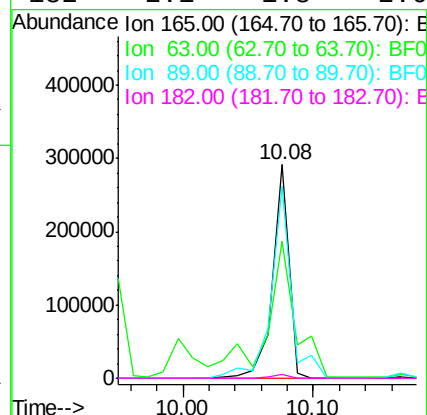
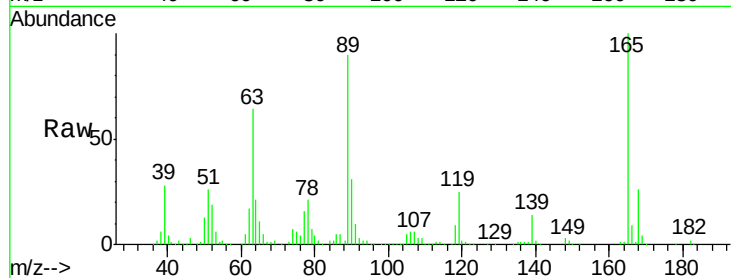




#56
2,4-Dinitrotoluene
Concen: 42.77 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

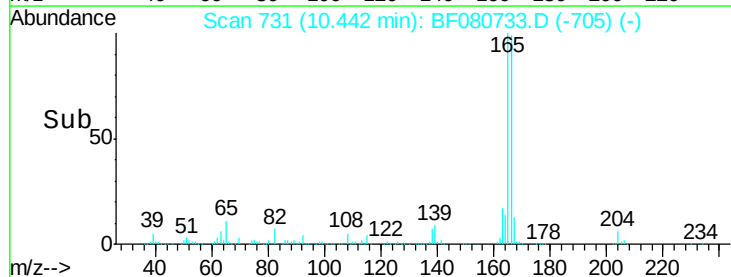
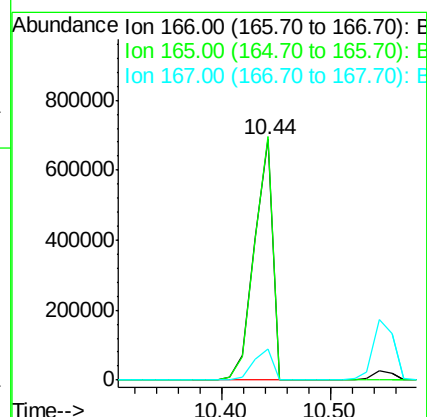
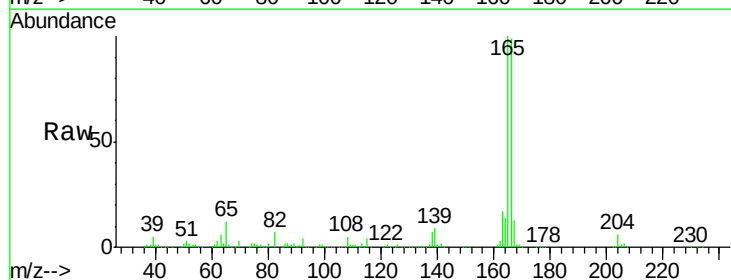
Instrument :
BNA_F
ClientSampleId :
PB84695BS

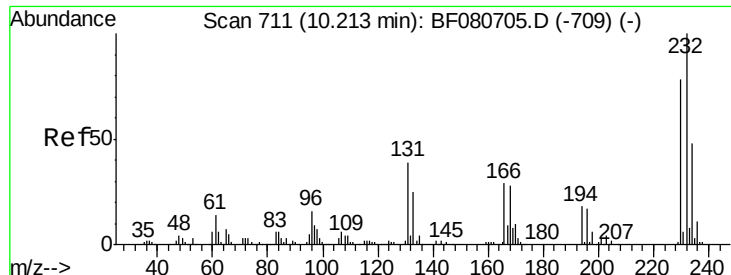
Tgt Ion:165 Resp: 256174
Ion Ratio Lower Upper
165 100
63 64.2 46.7 70.1
89 89.7 67.4 101.2
182 2.1 1.8 2.6



#57
Fluorene
Concen: 42.07 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:166 Resp: 810338
Ion Ratio Lower Upper
166 100
165 101.2 81.0 121.4
167 13.1 10.8 16.2

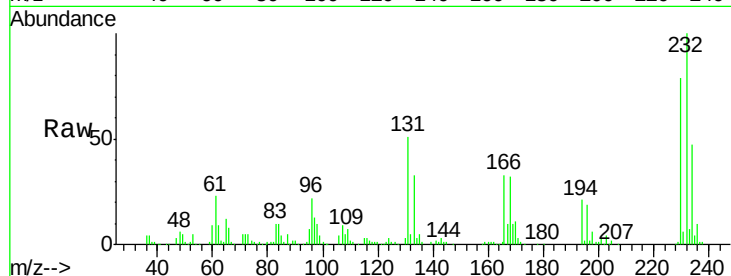




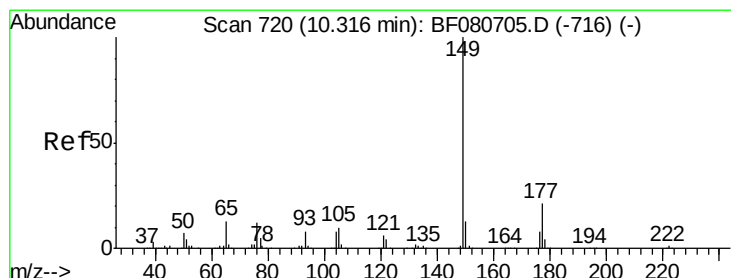
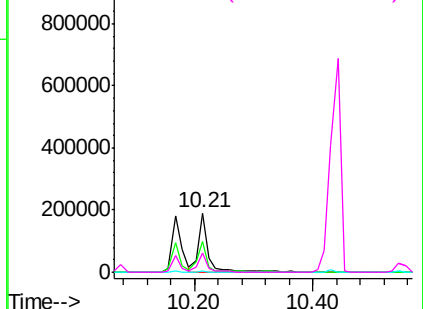
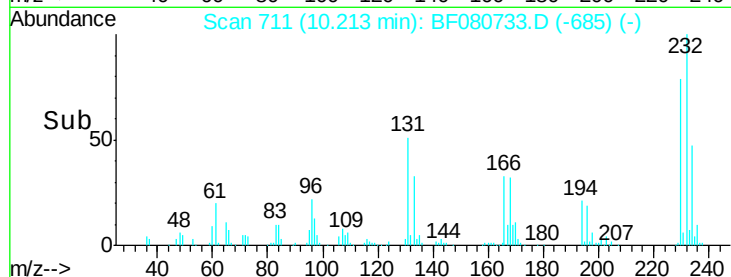
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.74 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Instrument :
 BNA_F
 ClientSampled :
 PB84695BS

Tgt Ion: 232 Resp: 228280
 Ion Ratio Lower Upper
 232 100
 131 49.5 38.2 57.2
 130 2.4 1.8 2.6
 166 30.0 25.6 38.4

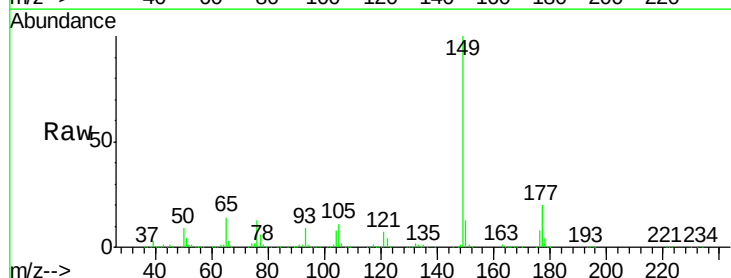


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

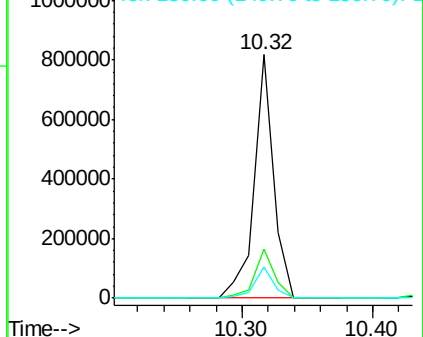
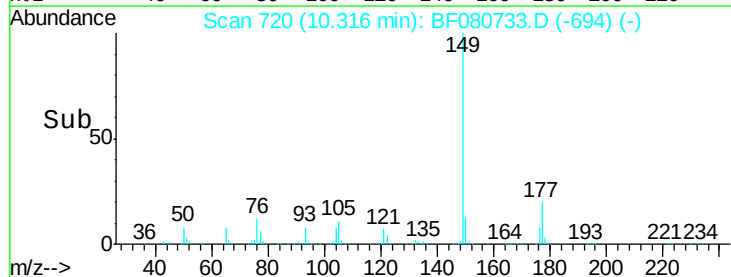


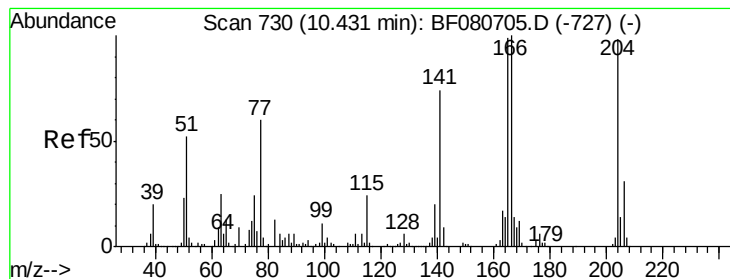
#59
 Diethylphthalate
 Concen: 40.90 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion: 149 Resp: 848371
 Ion Ratio Lower Upper
 149 100
 177 20.0 16.6 25.0
 150 12.9 10.2 15.4



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: 44.09 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

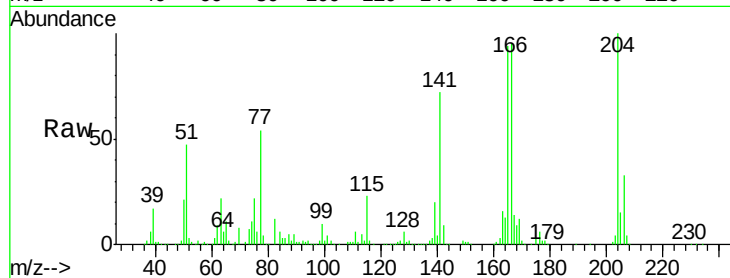
Tgt Ion:204 Resp: 367561

Ion Ratio Lower Upper

204 100

206 32.7 25.1 37.7

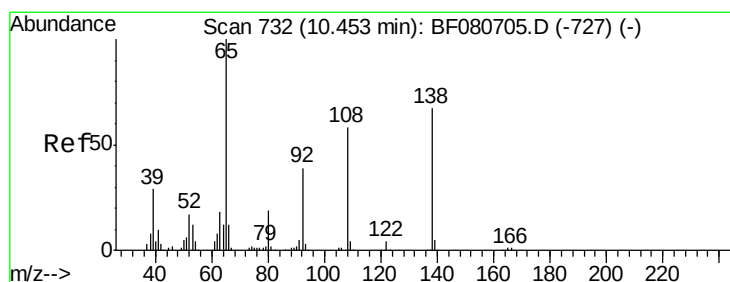
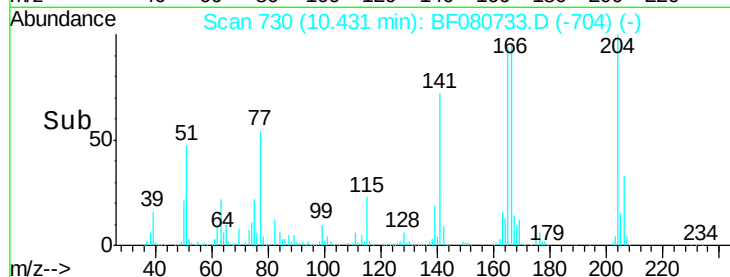
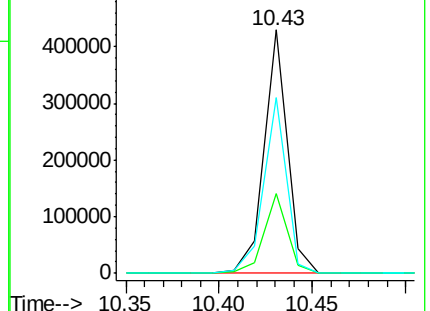
141 72.2 60.3 90.5



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: 33.42 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

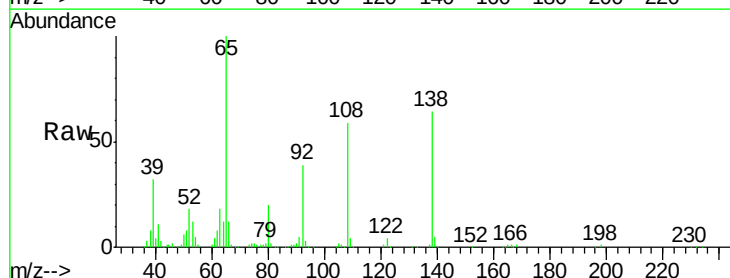
Tgt Ion:138 Resp: 159030

Ion Ratio Lower Upper

138 100

92 60.0 38.2 78.2

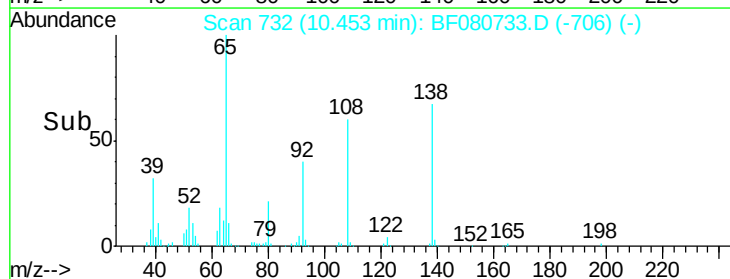
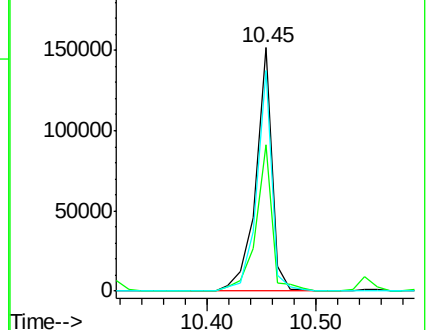
108 90.7 66.3 106.3

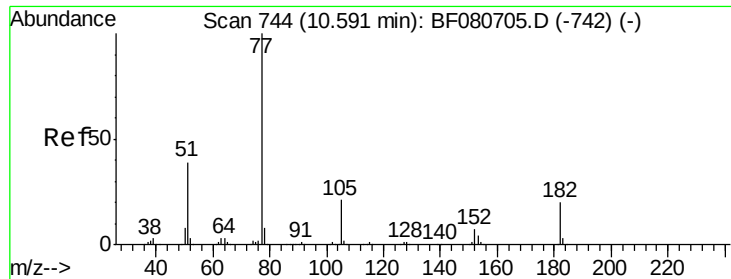


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.62 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

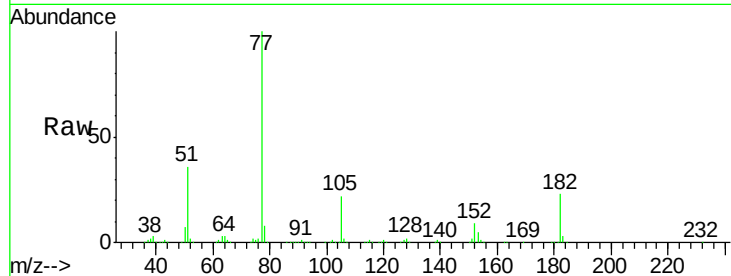
BNA_F

ClientSampleId :

PB84695BS

Tgt Ion: 77 Resp: 1047657

Ion	Ratio	Lower	Upper
77	100		
182	22.7	0.0	39.9
105	21.5	1.1	41.1
51	36.3	18.9	58.9

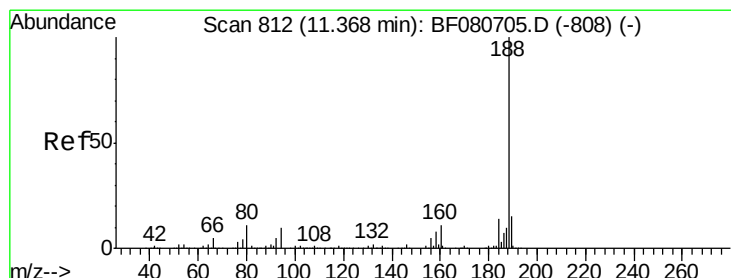
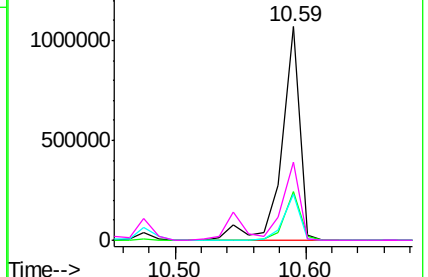
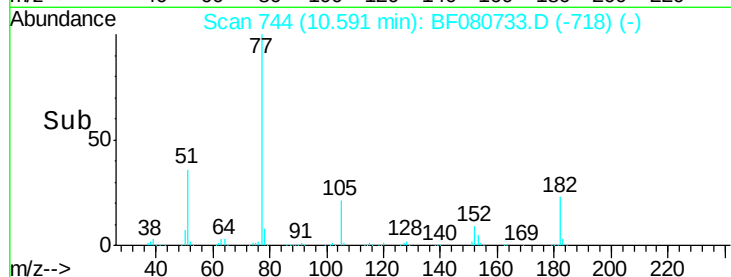


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 812

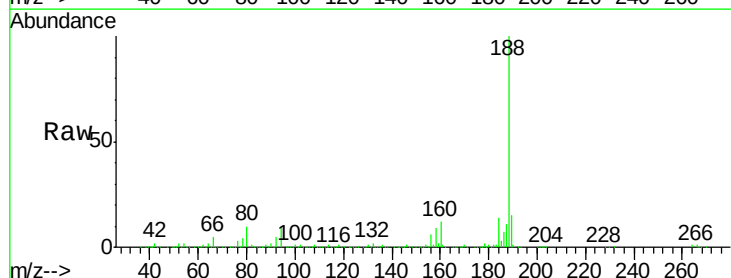
Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Tgt Ion: 188 Resp: 543123

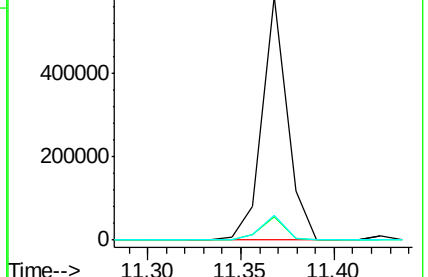
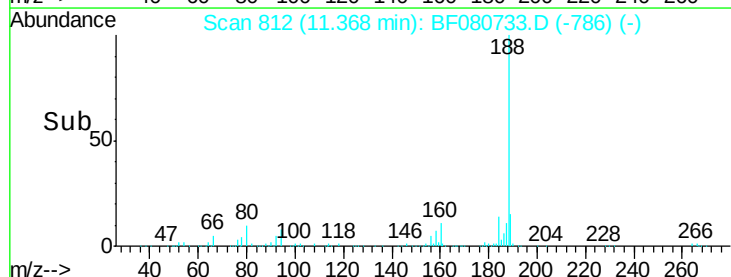
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.0	9.1	13.7

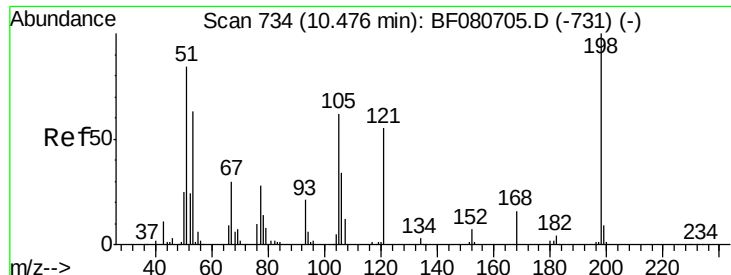


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

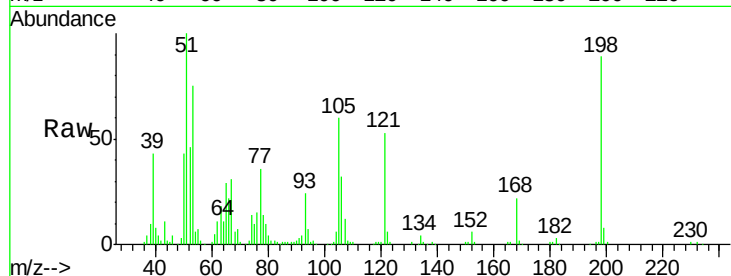




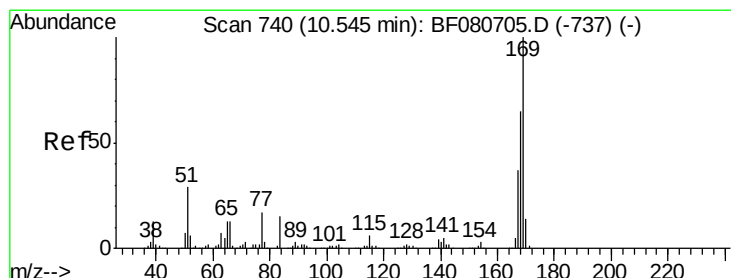
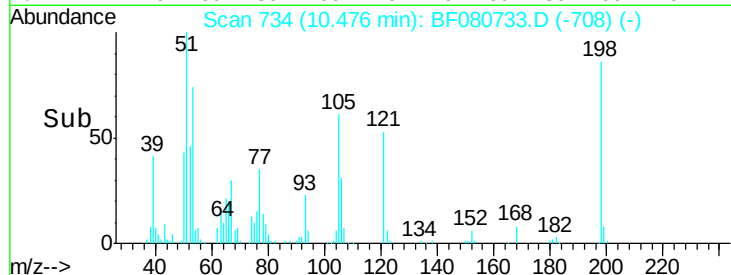
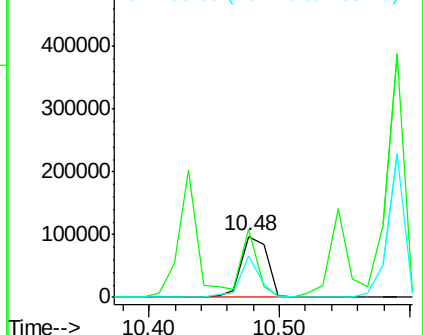
#64
4,6-Dinitro-2-methylphenol
Concen: 41.44 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:198 Resp: 135555
Ion Ratio Lower Upper
198 100
51 112.3 84.6 124.6
105 67.7 43.0 83.0

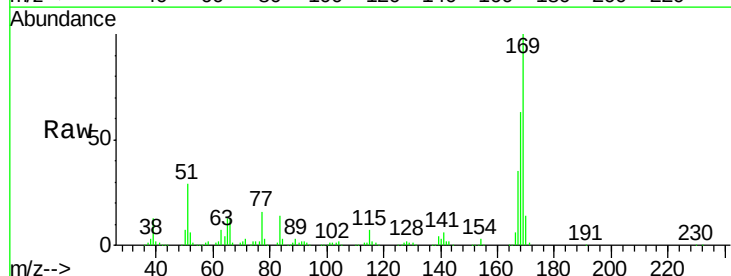


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

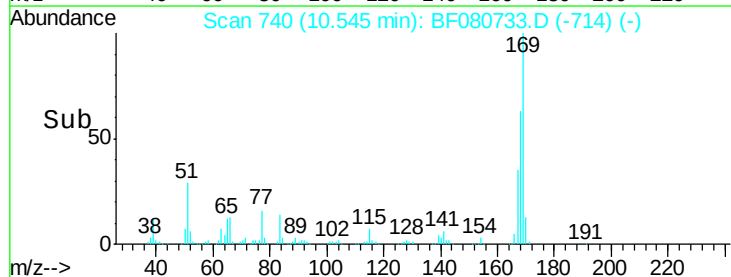
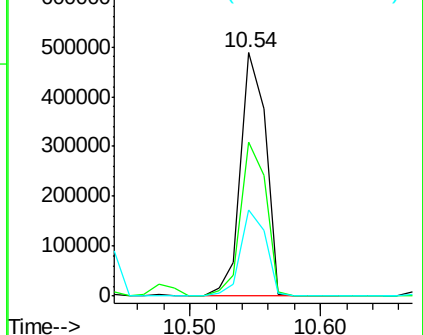


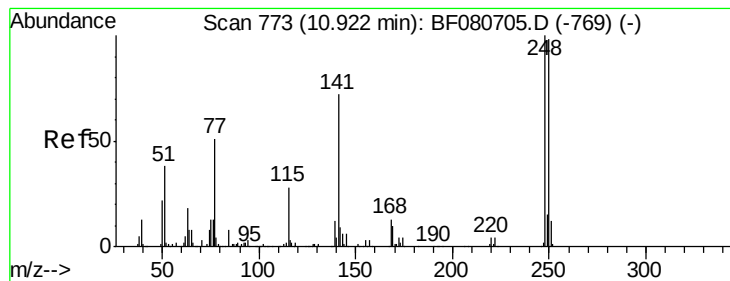
#65
n-Nitrosodiphenylamine
Concen: 36.62 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:169 Resp: 651985
Ion Ratio Lower Upper
169 100
168 63.4 52.1 78.1
167 35.2 29.3 43.9



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: 46.30 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

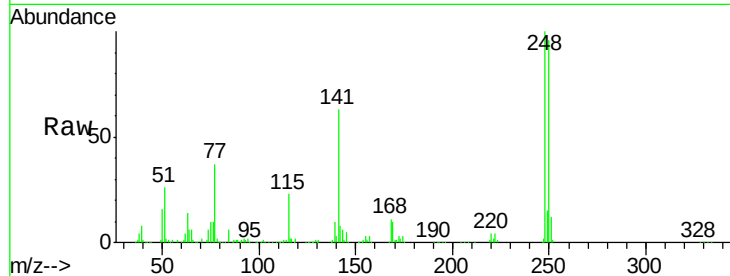
Tgt Ion:248 Resp: 259570

Ion Ratio Lower Upper

248 100

250 96.4 78.4 117.6

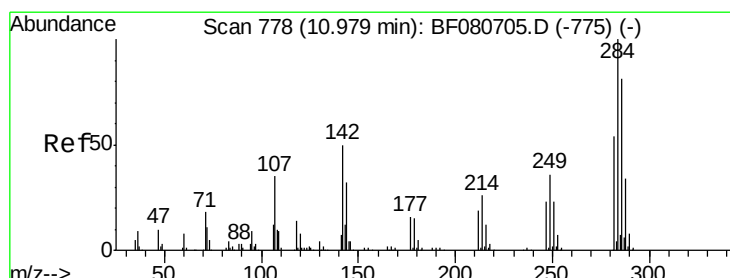
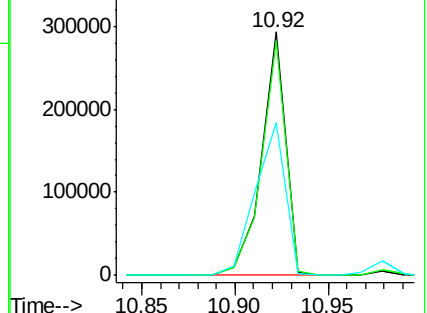
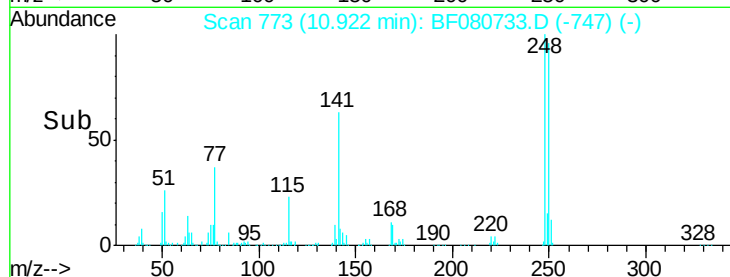
141 62.8 57.5 86.3



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: 39.57 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

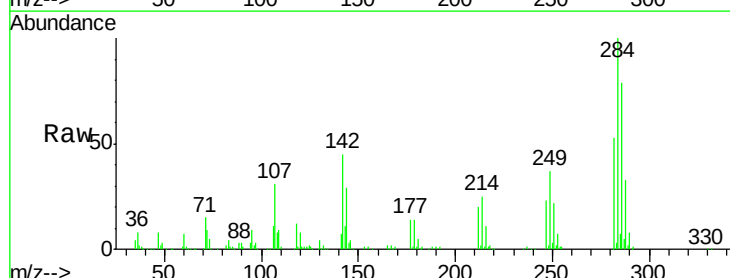
Tgt Ion:284 Resp: 256527

Ion Ratio Lower Upper

284 100

142 45.3 39.8 59.6

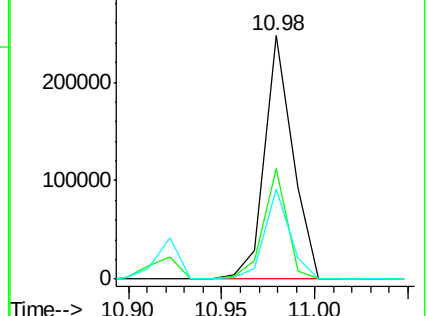
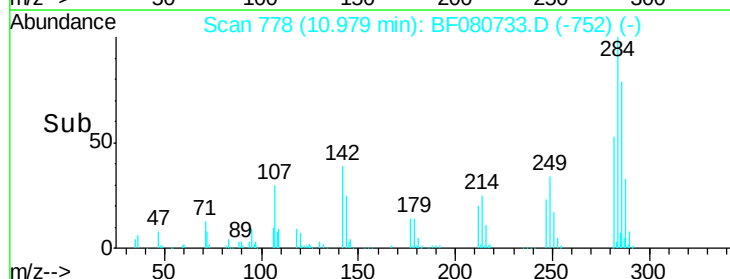
249 37.0 28.7 43.1

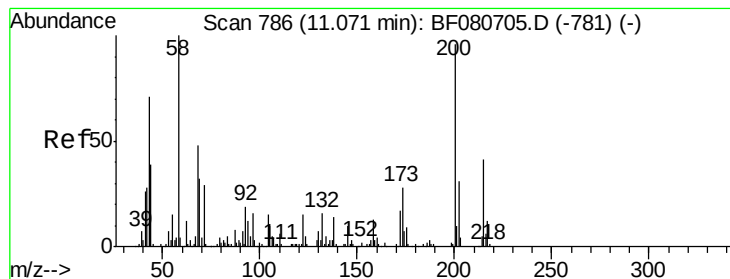


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 12.76 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

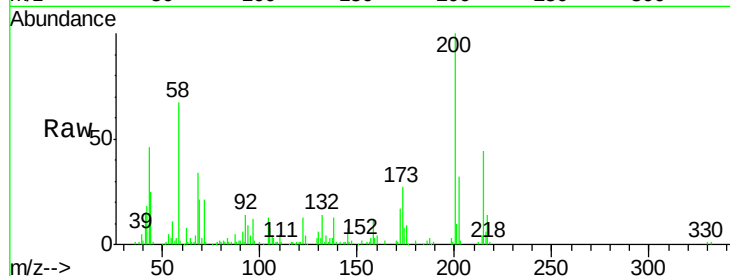
Tgt Ion:200 Resp: 69951

Ion Ratio Lower Upper

200 100

173 27.3 8.6 48.6

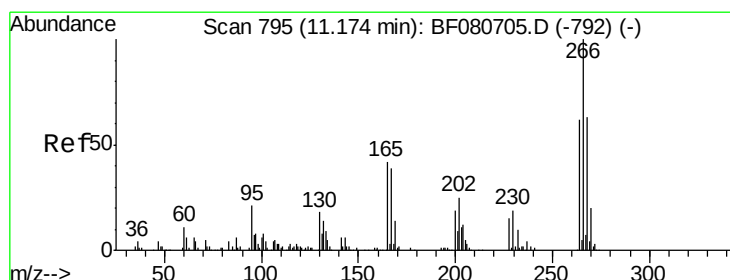
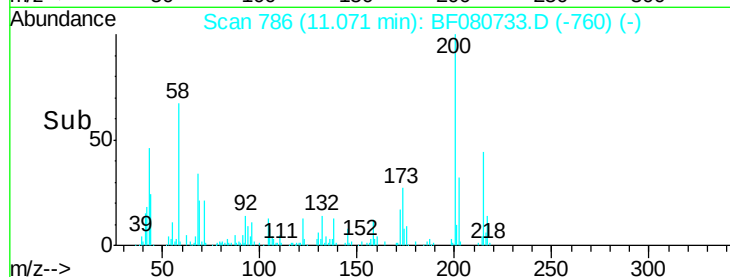
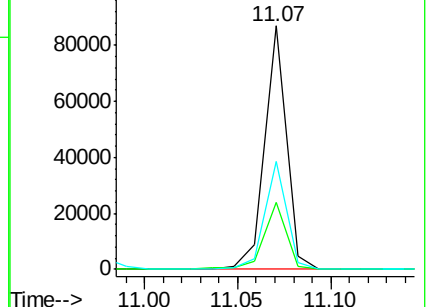
215 44.1 22.2 62.2



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: 78.58 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

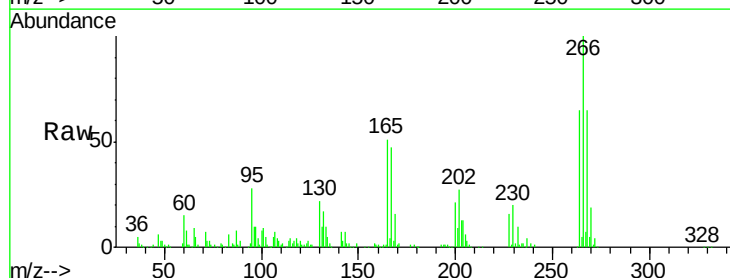
Tgt Ion:266 Resp: 308243

Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

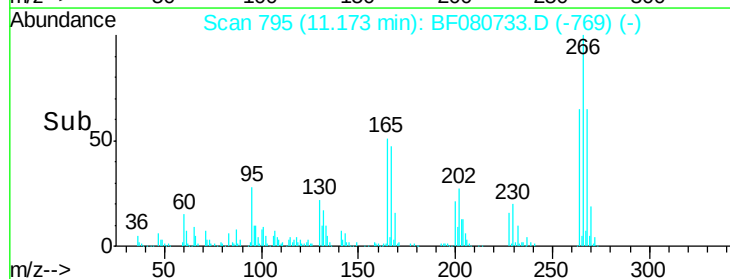
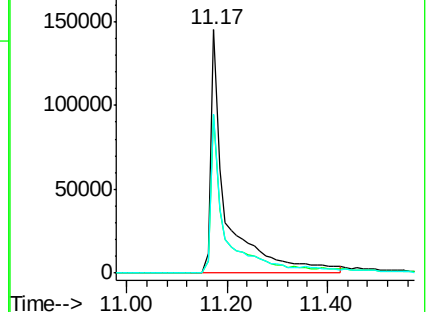
264 65.2 50.0 75.0

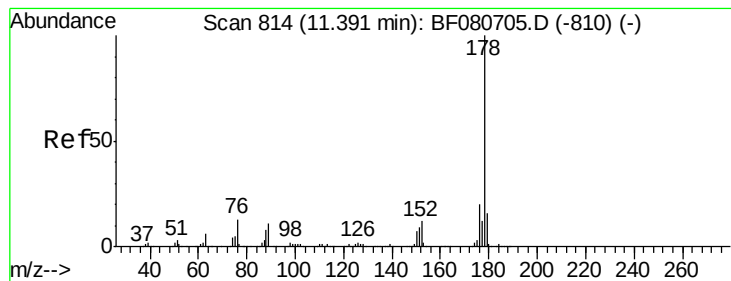


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 38.47 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

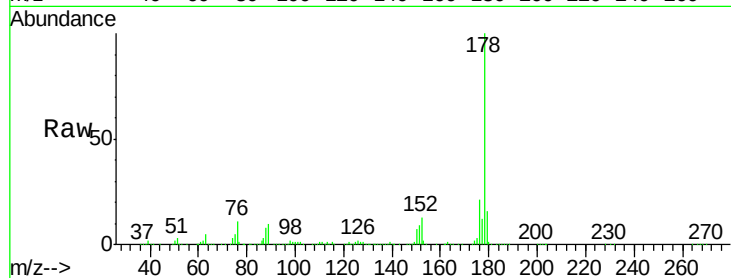
Tgt Ion:178 Resp: 1052590

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

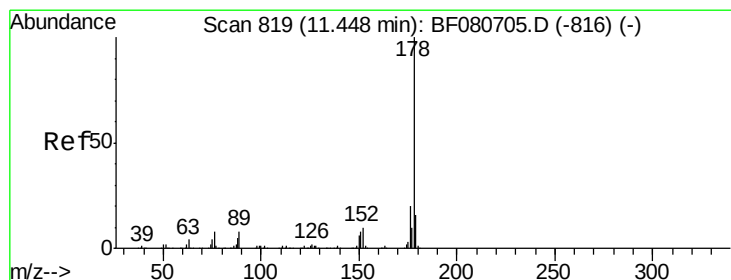
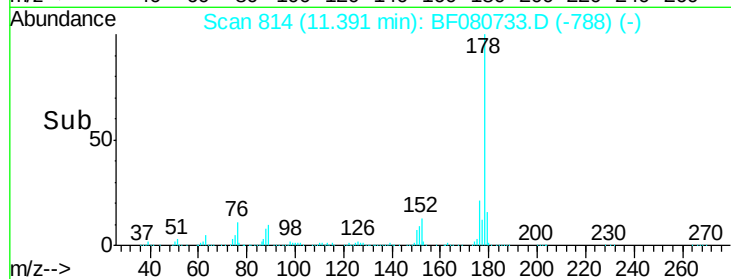
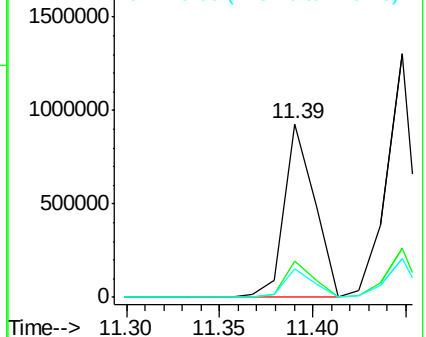
179 16.2 13.0 19.4



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: 45.11 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

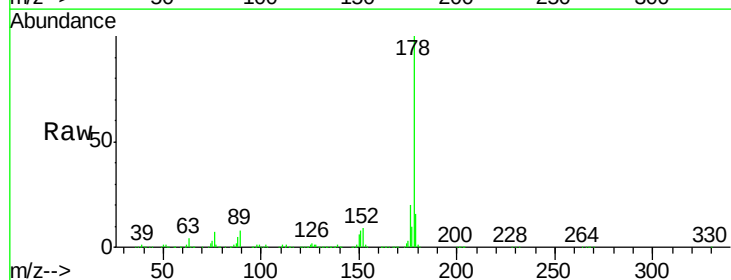
Tgt Ion:178 Resp: 1212793

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

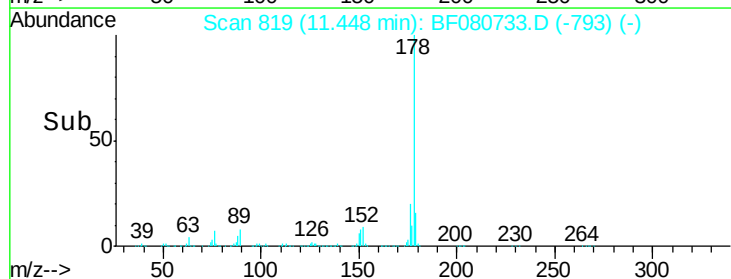
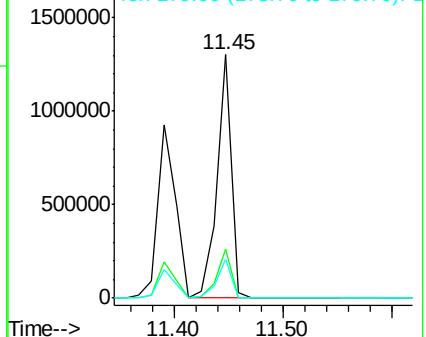
179 15.9 12.7 19.1

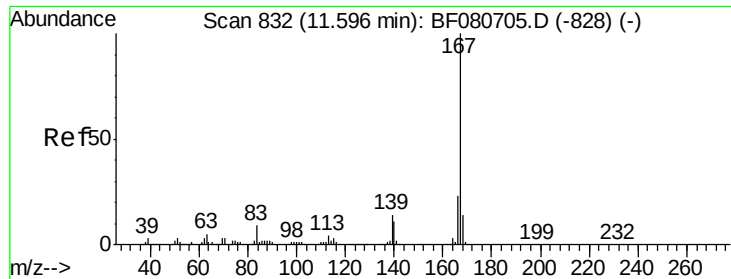


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.99 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

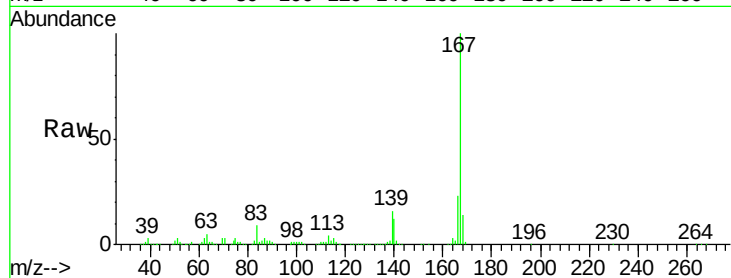
Tgt Ion:167 Resp: 863114

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.4

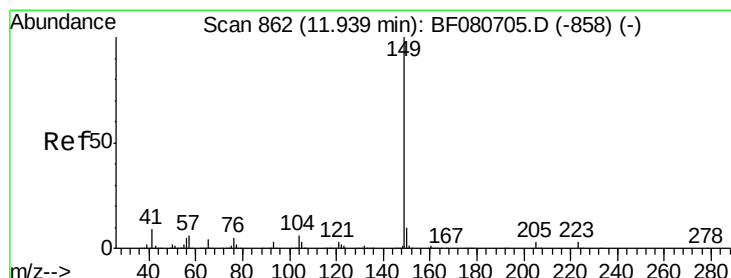
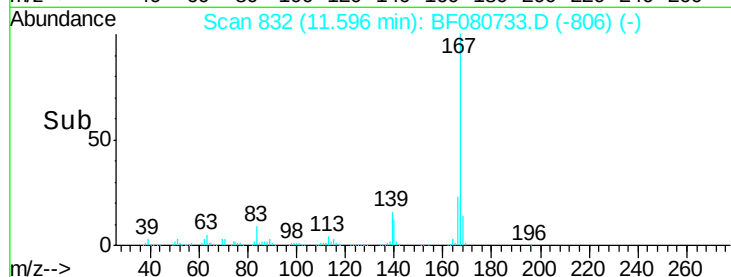
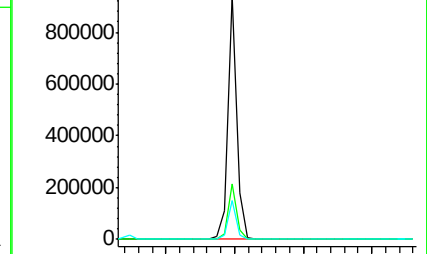
139 15.9 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 47.03 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

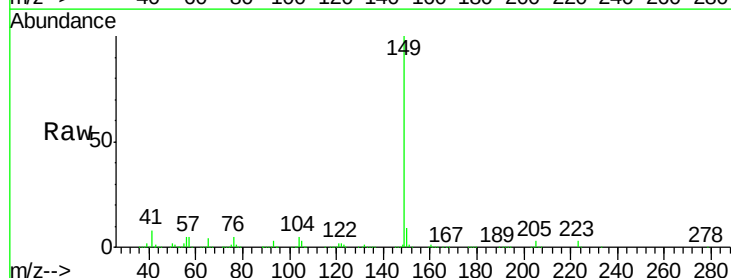
Tgt Ion:149 Resp: 1360957

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

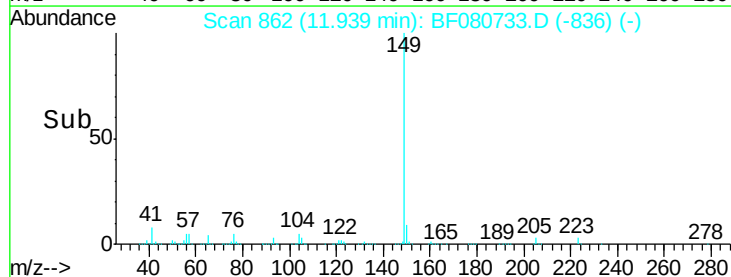
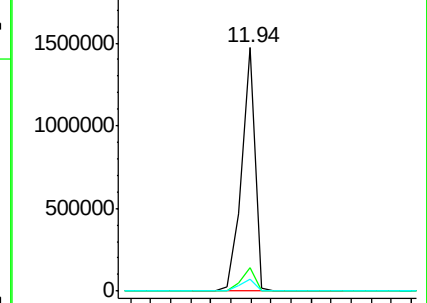
104 5.1 4.4 6.6

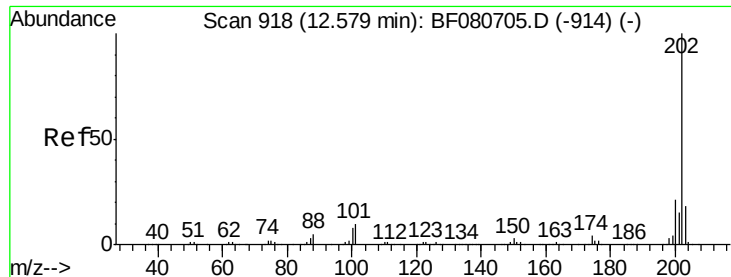


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

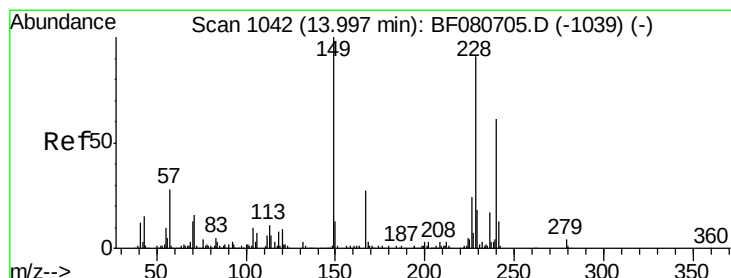
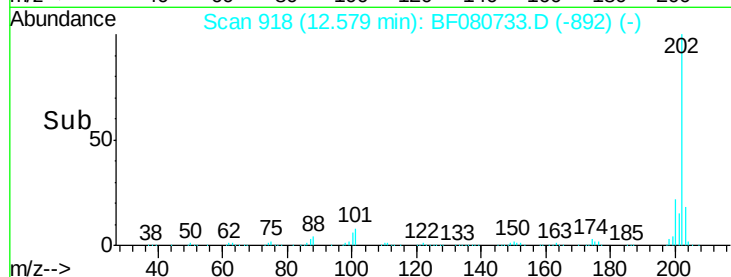
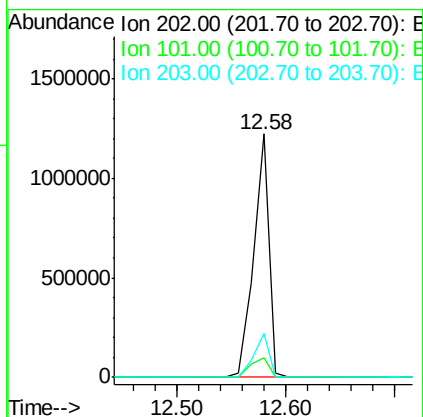
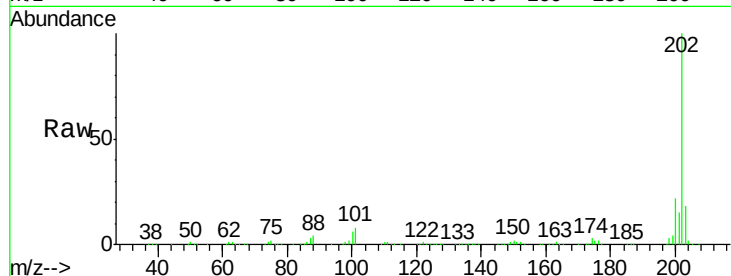




#74
 Fluoranthene
 Concen: 45.24 ng
 RT: 12.58 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

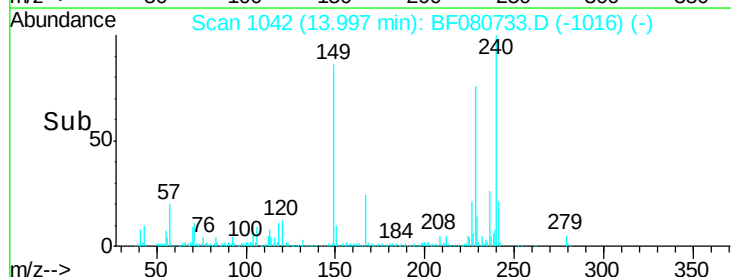
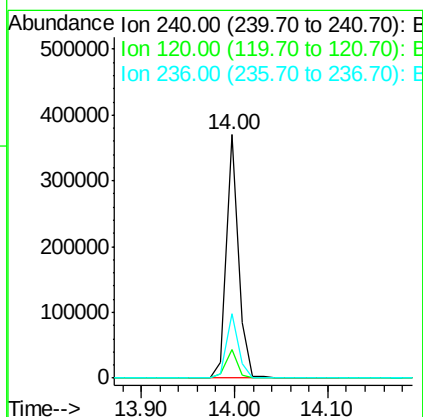
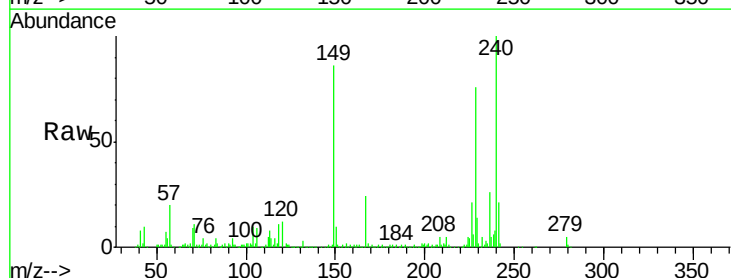
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

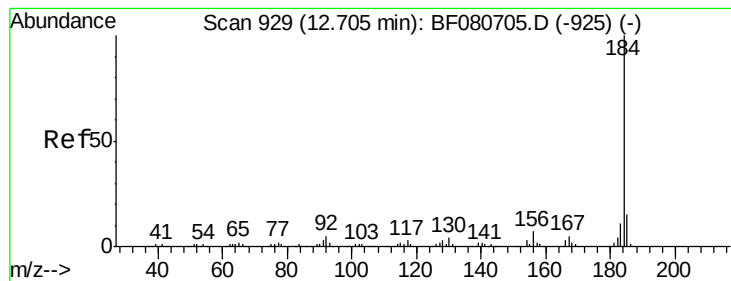
Tgt Ion:202 Resp: 1196729
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 29.6
 203 17.9 0.0 37.8



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion:240 Resp: 334262
 Ion Ratio Lower Upper
 240 100
 120 11.7 11.8 17.8#
 236 26.4 21.8 32.8





#76

Benzidine

Concen: 13.09 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

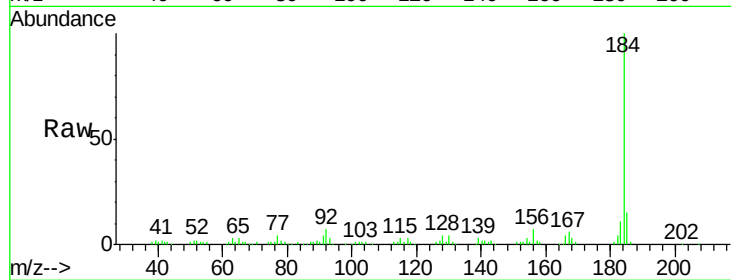
Tgt Ion:184 Resp: 159339

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

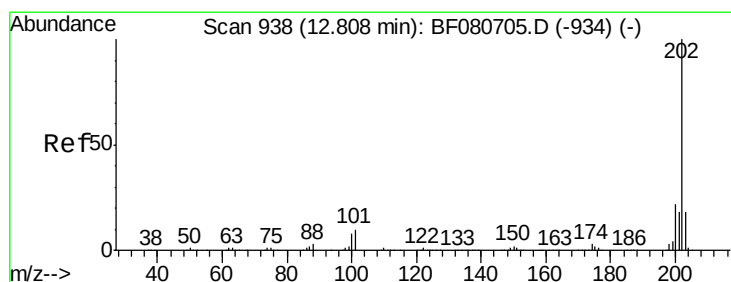
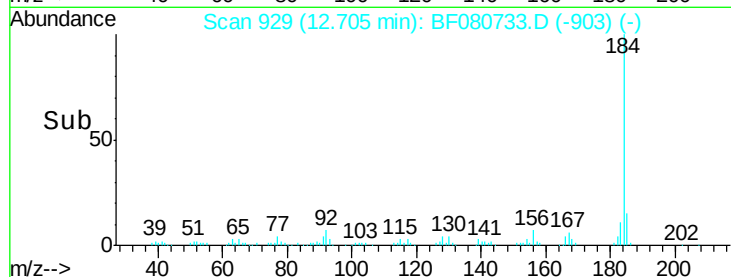
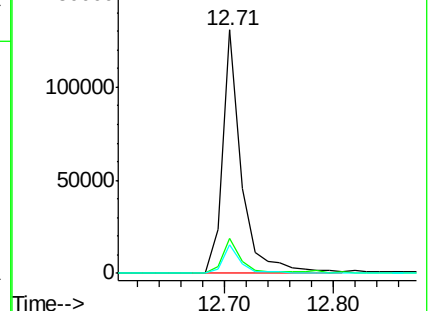
183 11.5 9.1 13.7



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: 45.01 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

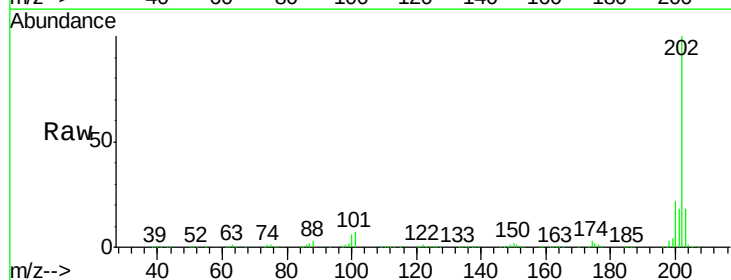
Tgt Ion:202 Resp: 1166862

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

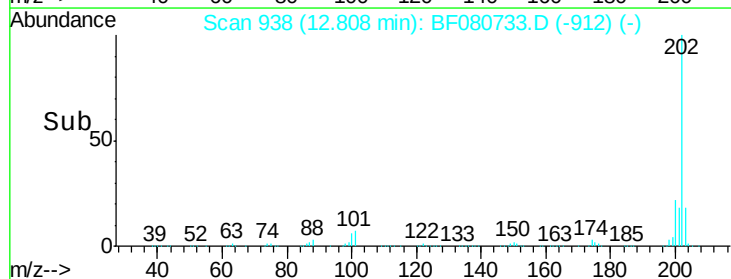
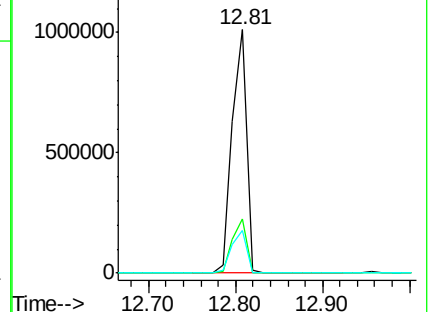
203 17.6 14.2 21.2

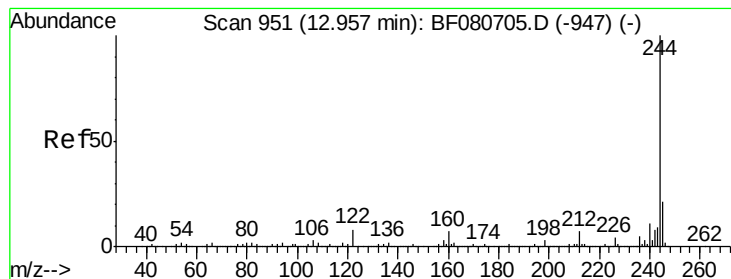


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.19 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

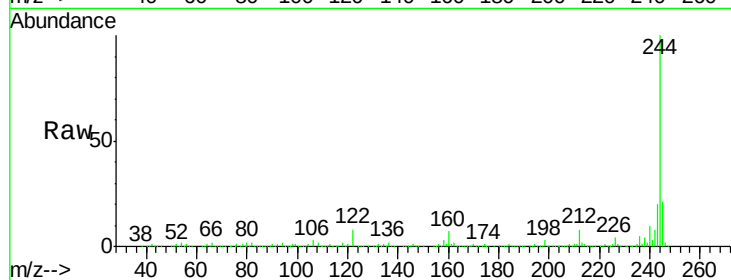
Tgt Ion:244 Resp: 1682443

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

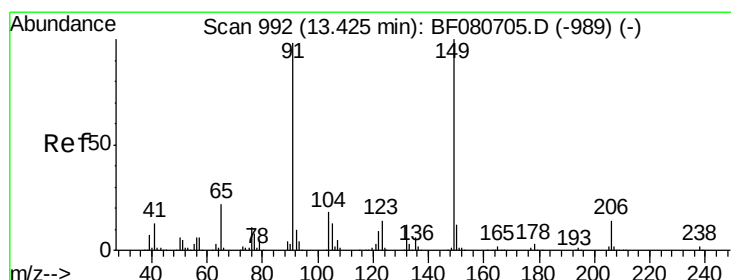
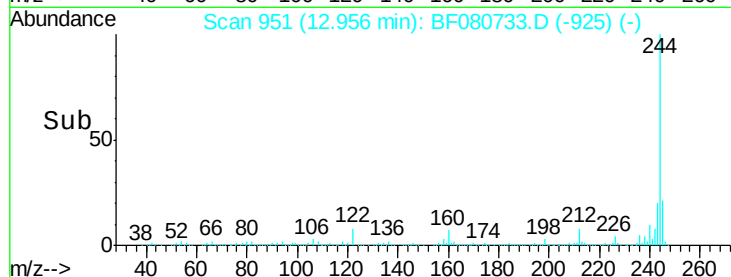
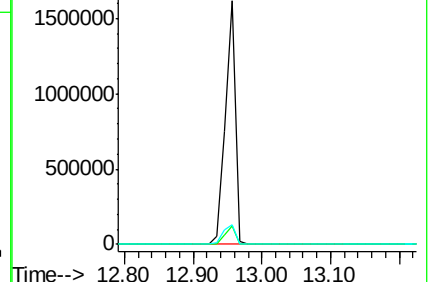
122 8.3 6.6 9.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 43.43 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

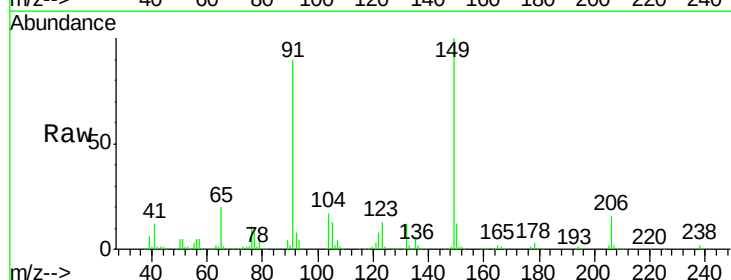
Tgt Ion:149 Resp: 466437

Ion Ratio Lower Upper

149 100

91 89.6 78.6 118.0

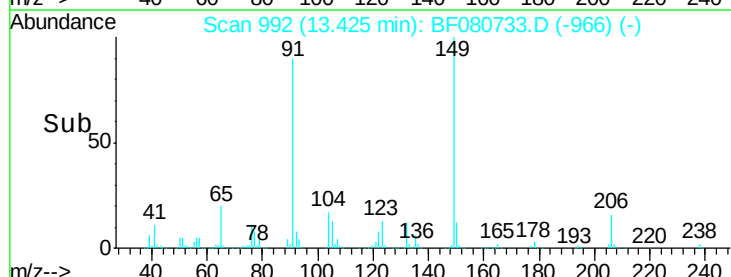
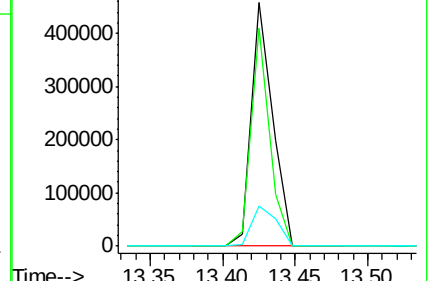
206 16.2 11.4 17.2

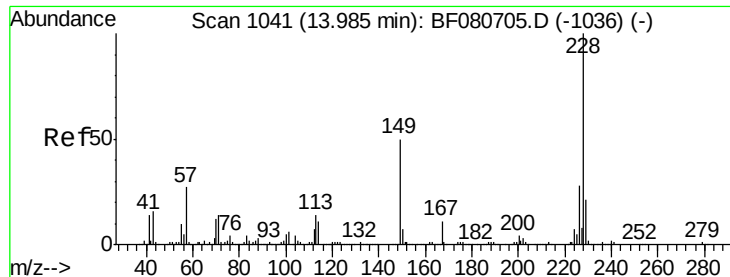


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 40.22 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

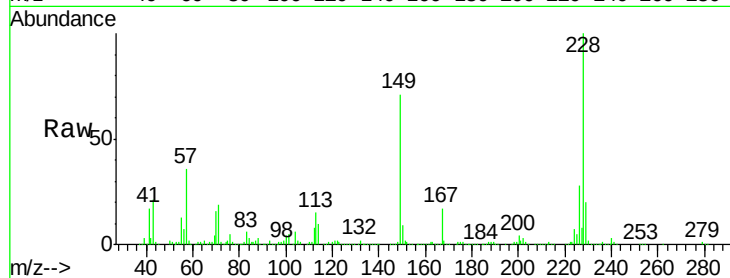
Tgt Ion:228 Resp: 808567

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

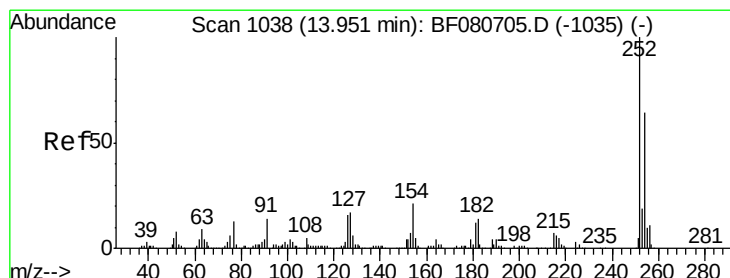
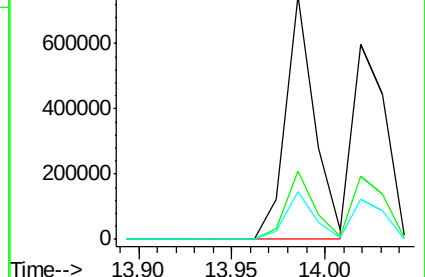
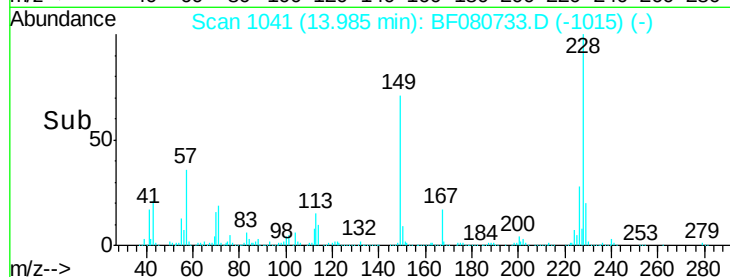
229 19.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.17 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

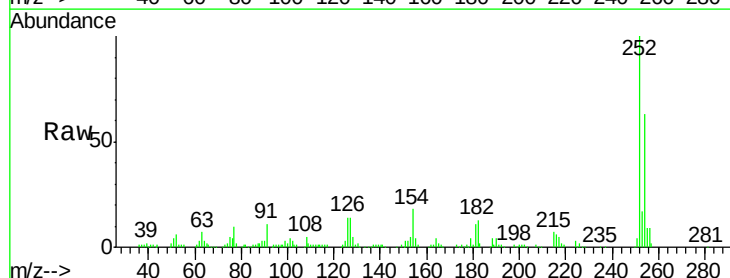
Tgt Ion:252 Resp: 145237

Ion Ratio Lower Upper

252 100

254 62.7 51.0 76.4

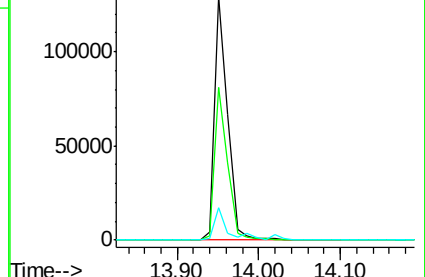
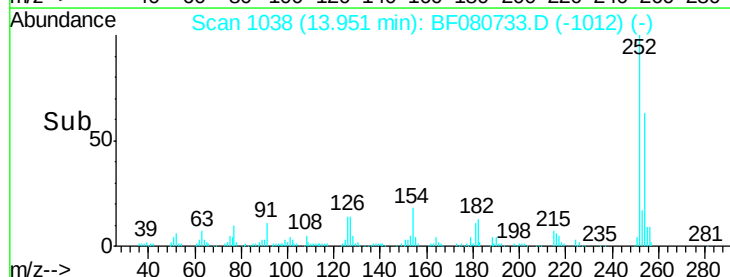
126 13.6 13.2 19.8

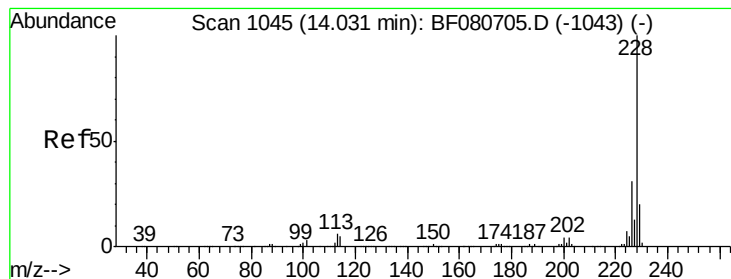


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.93 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

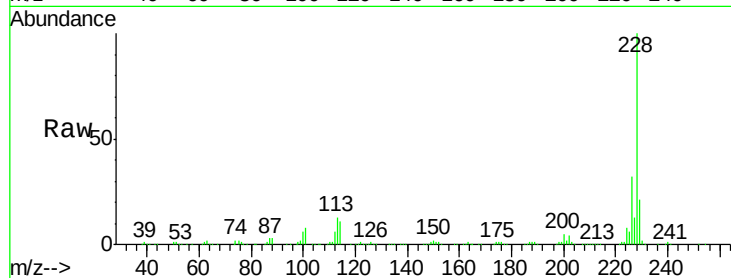
Tgt Ion: 228 Resp: 740145

Ion Ratio Lower Upper

228 100

226 32.3 25.1 37.7

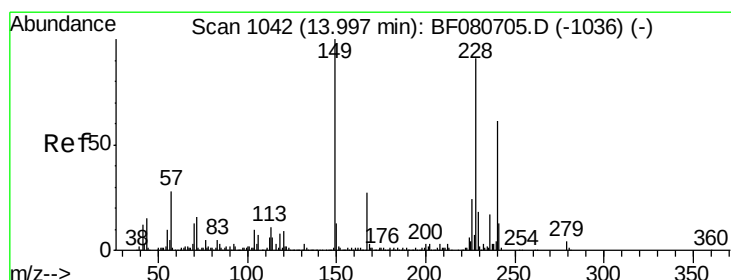
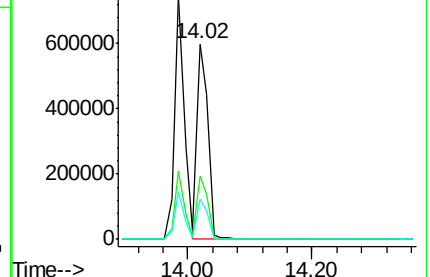
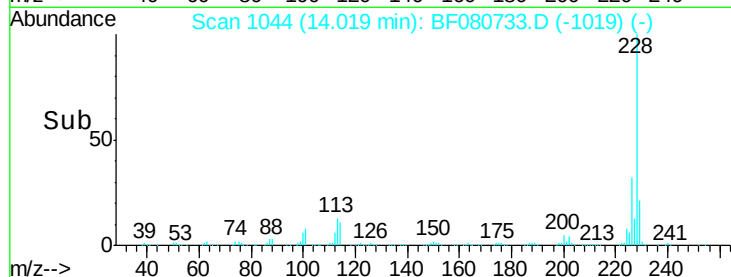
229 20.5 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.50 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

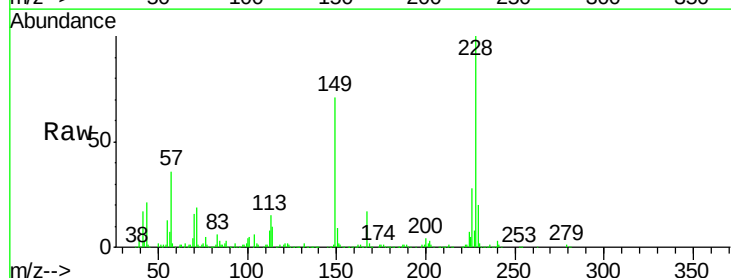
Tgt Ion: 149 Resp: 600121

Ion Ratio Lower Upper

149 100

167 23.7 21.8 32.8

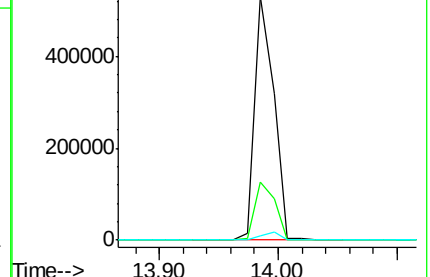
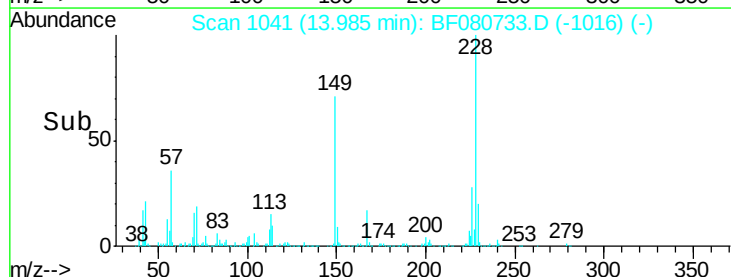
279 1.8 3.4 5.0#

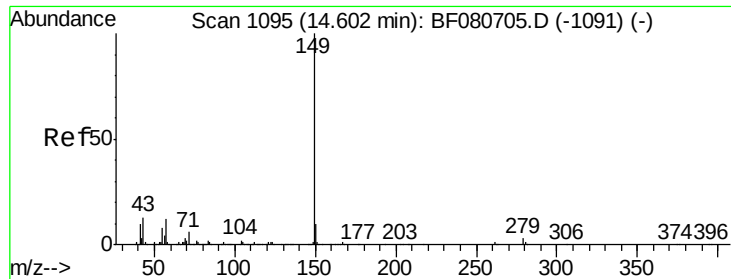


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.59 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

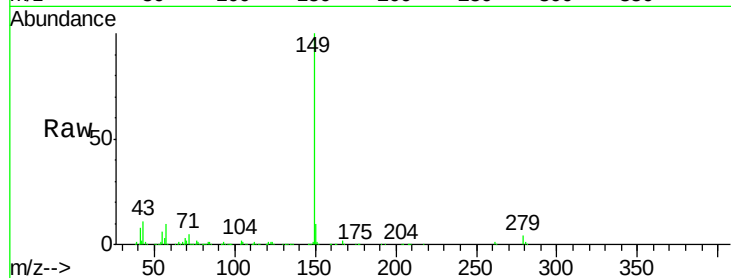
Tgt Ion:149 Resp: 1008252

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

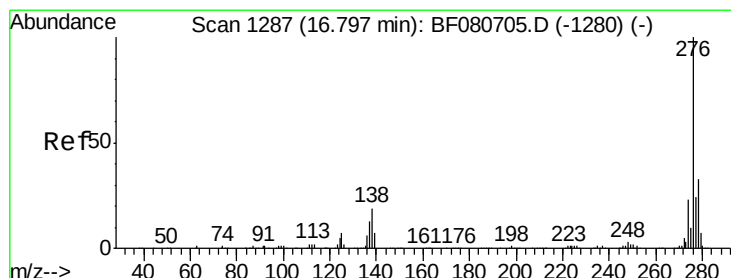
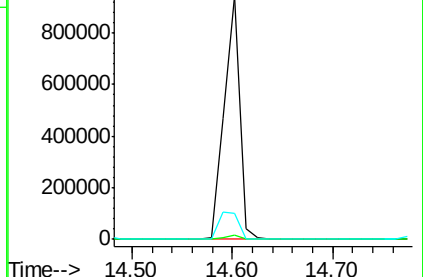
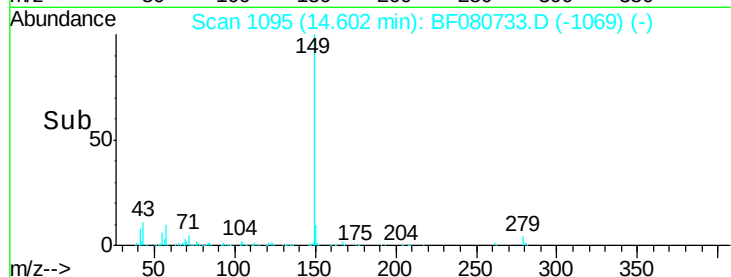
43 15.1 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.63 ng

RT: 16.80 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

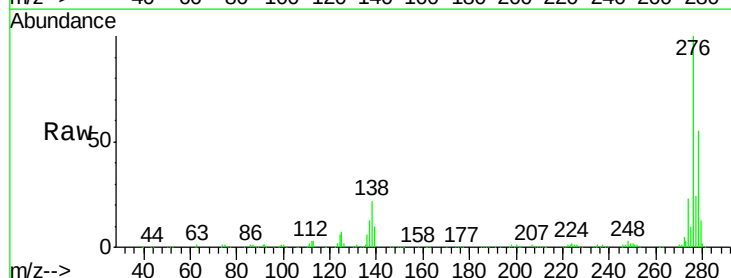
Tgt Ion:276 Resp: 728840

Ion Ratio Lower Upper

276 100

138 22.5 13.2 19.8#

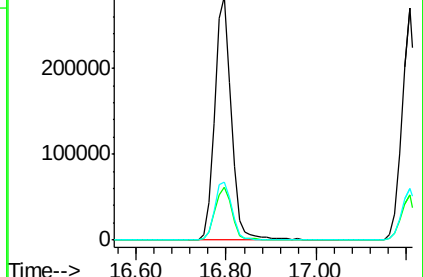
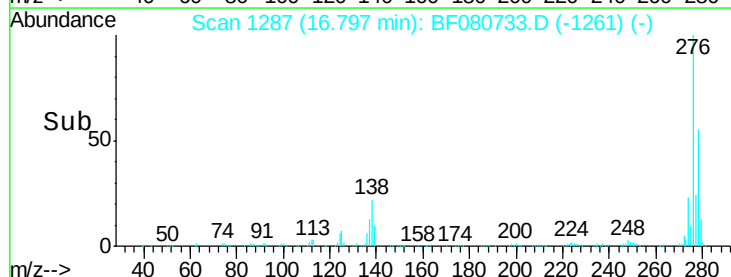
277 25.1 15.4 23.2#

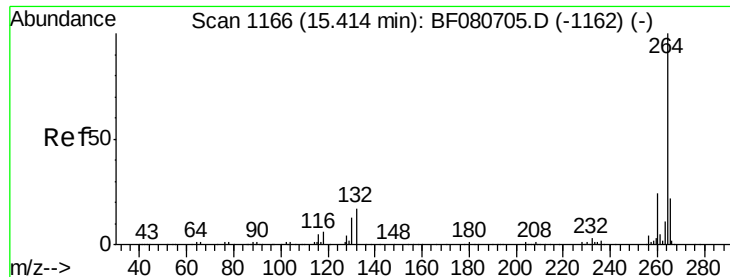


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

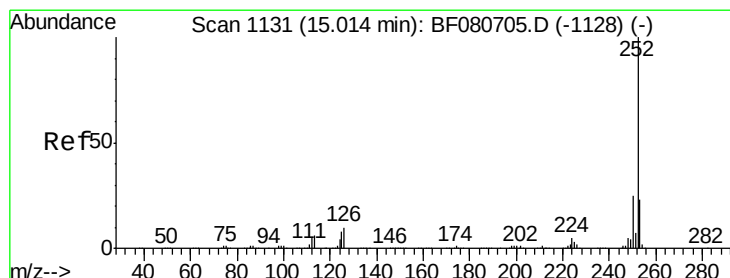
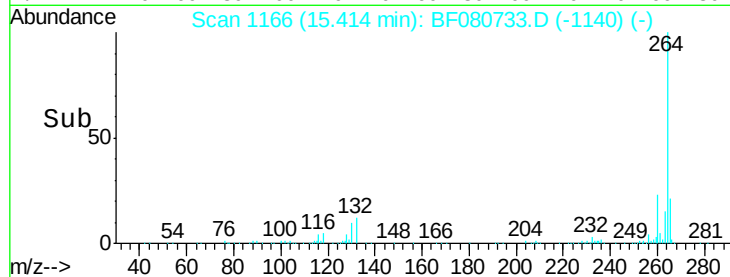
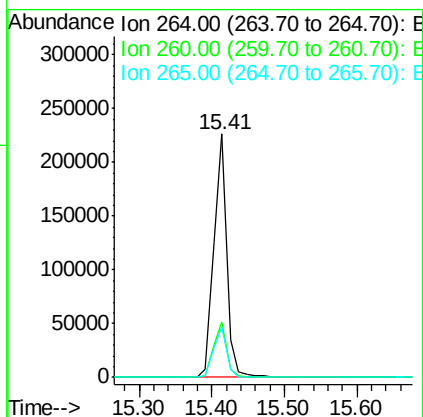
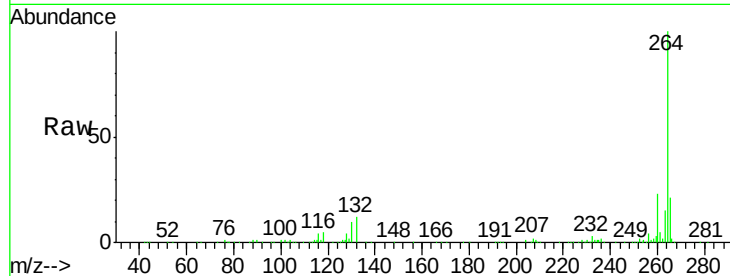




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

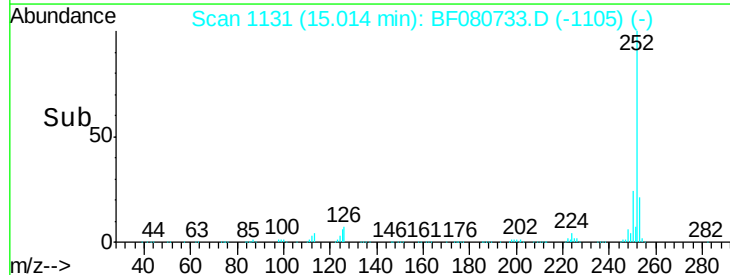
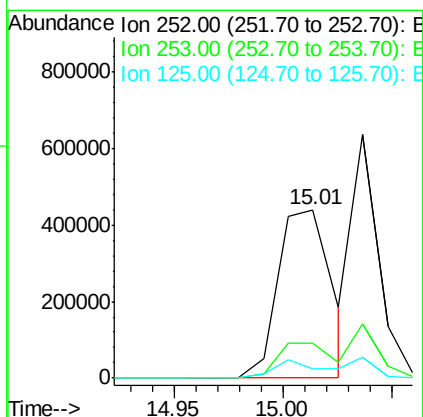
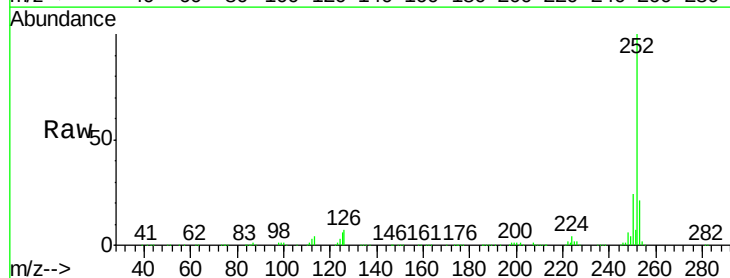
Instrument :
 BNA_F
 ClientSampleId :
 PB84695BS

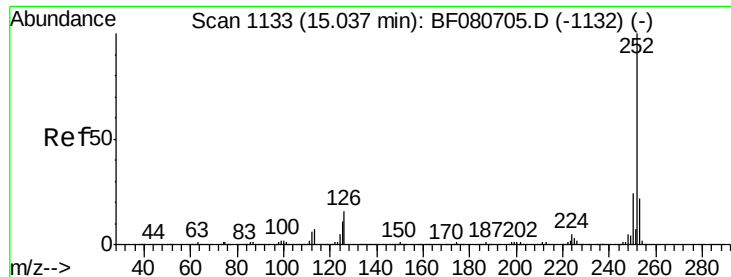
Tgt Ion: 264 Resp: 280530
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.0
 265 20.7 17.3 25.9



#87
 Benzo(b)fluoranthene
 Concen: 44.91 ng
 RT: 15.01 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BF080733.D
 Acq: 31 Jul 2015 14:37

Tgt Ion: 252 Resp: 752555
 Ion Ratio Lower Upper
 252 100
 253 20.9 18.1 27.1
 125 5.5 6.2 9.2#

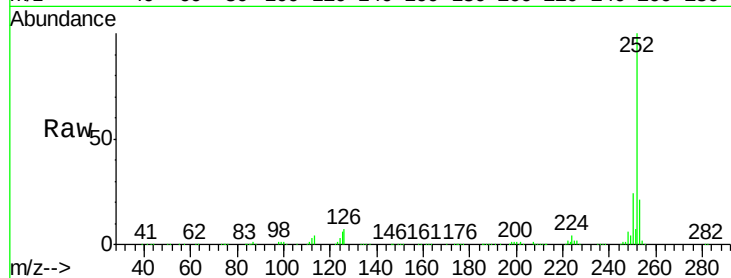




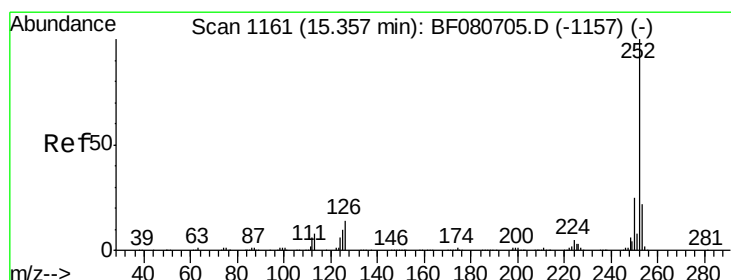
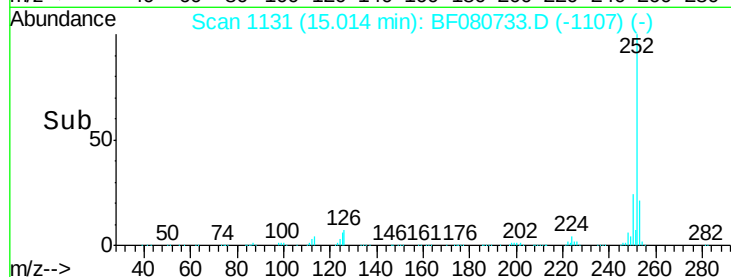
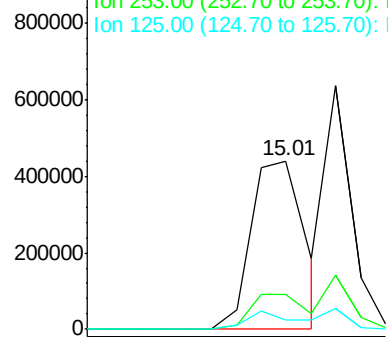
#88
Benzo(k)fluoranthene
Concen: 54.57 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84695BS

Tgt Ion:252 Resp: 752555
Ion Ratio Lower Upper
252 100
253 20.9 17.8 26.6
125 5.5 9.0 13.4#

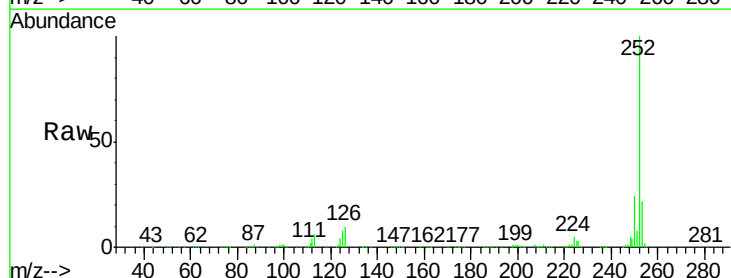


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

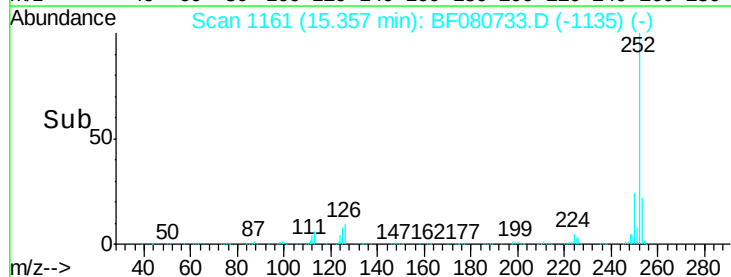
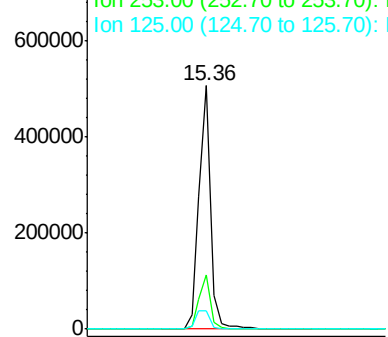


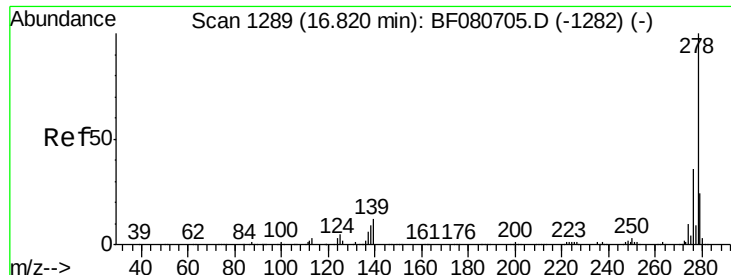
#89
Benzo(a)pyrene
Concen: 45.74 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080733.D
Acq: 31 Jul 2015 14:37

Tgt Ion:252 Resp: 629226
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 7.6 8.2 12.4#



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





#90

Dibenzo(a,h)anthracene

Concen: 50.27 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

Instrument :

BNA_F

ClientSampleId :

PB84695BS

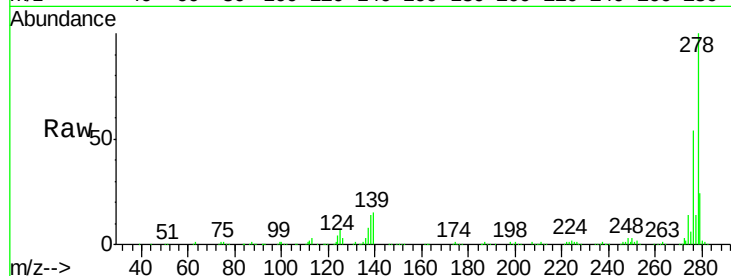
Tgt Ion: 278 Resp: 619073

Ion Ratio Lower Upper

278 100

139 14.9 9.8 14.8#

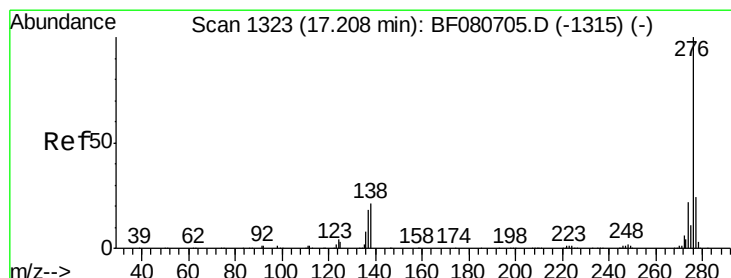
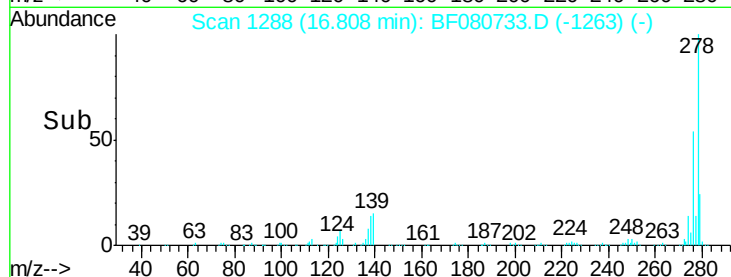
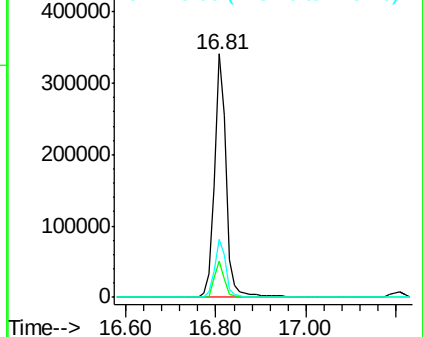
279 23.9 19.4 29.2



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: 50.90 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF080733.D

Acq: 31 Jul 2015 14:37

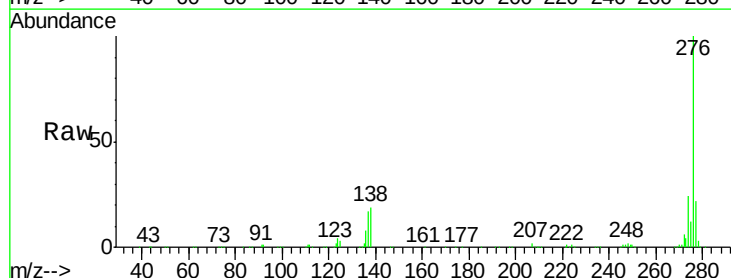
Tgt Ion: 276 Resp: 616791

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 19.3 16.9 25.3



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

