

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080719.D
 Acq On : 31 Jul 2015 5:03
 Operator : TP/UM
 Sample : PB84616BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Quant Time: Jul 31 05:51:47 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	178827	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	675587	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	357075	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	652640	20.00	ng	0.00
75) Chrysene-d12	14.00	240	391128	20.00	ng	0.00
86) Perylene-d12	15.41	264	321326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1182540	113.44	ng	0.02
7) Phenol-d6	6.49	99	1684160	118.67	ng	0.00
23) Nitrobenzene-d5	7.42	82	1261460	90.42	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	487851	131.67	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1989426	83.12	ng	0.00
78) Terphenyl-d14	12.96	244	1867893	90.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	174800	34.00	ng	99
3) Pyridine	3.31	79	518997	36.39	ng	98
4) n-Nitrosodimethylamine	3.26	42	327711	40.19	ng	98
6) Aniline	6.52	93	427948	20.95	ng	99
8) 2-Chlorophenol	6.64	128	447463	38.29	ng	94
9) Benzaldehyde	6.40	77	63800	5.76	ng	87
10) Phenol	6.50	94	560260	34.11	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	460955	39.29	ng	99
12) 1,3-Dichlorobenzene	6.80	146	509806	39.19	ng	99
13) 1,4-Dichlorobenzene	6.88	146	535360	40.34	ng	98
14) 1,2-Dichlorobenzene	7.02	146	478311	39.43	ng	96
15) Benzyl Alcohol	7.00	79	370805	31.46	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1044506	41.67	ng	95
17) 2-Methylphenol	7.10	107	413984	43.16	ng	97
18) Hexachloroethane	7.37	117	195825	39.54	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	397793	41.62	ng	97
20) 3+4-Methylphenols	7.26	107	510002	43.10	ng	98
22) Acetophenone	7.26	105	634287	38.90	ng	# 98
24) Nitrobenzene	7.44	77	549275	39.30	ng	98
25) Isophorone	7.68	82	1007061	40.59	ng	99
26) 2-Nitrophenol	7.76	139	261215	46.04	ng	93
27) 2,4-Dimethylphenol	7.79	122	460104	43.17	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	652942	44.42	ng	100
29) 2,4-Dichlorophenol	8.00	162	420642	44.40	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	400595	38.78	ng	99
31) Naphthalene	8.16	128	1254333	37.20	ng	99
32) Benzoic acid	7.93	122	380428	50.88	ng	97
33) 4-Chloroaniline	8.20	127	177582	12.48	ng	# 89
34) Hexachlorobutadiene	8.28	225	277808	41.65	ng	99
35) Caprolactam	8.58	113	76166	26.85	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	460556	45.09	ng	94
37) 2-Methylnaphthalene	8.85	142	941011	44.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	371469	33.13	ng	99
40) Hexachlorocyclopentadiene	9.01	237	559369	81.08	ng	98

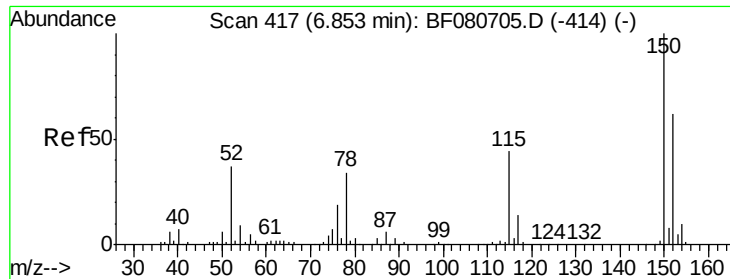
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080719.D
 Acq On : 31 Jul 2015 5:03
 Operator : TP/UM
 Sample : PB84616BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Quant Time: Jul 31 05:51:47 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)
42) 2,4,6-Trichlorophenol	9.13	196	312917	40.11	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	295352	38.17	ng	99
45) 1,1'-Biphenyl	9.32	154	1043171	38.10	ng	99
46) 2-Chloronaphthalene	9.34	162	849549	37.99	ng	98
47) 2-Nitroaniline	9.44	65	384660	44.21	ng	87
48) Acenaphthylene	9.76	152	1452147	40.84	ng	100
49) Dimethylphthalate	9.62	163	958331	38.08	ng	100
50) 2,6-Dinitrotoluene	9.68	165	204959	38.38	ng	86
51) Acenaphthene	9.93	154	1012477	46.67	ng	99
52) 3-Nitroaniline	9.84	138	134180	21.77	ng	# 44
53) 2,4-Dinitrophenol	9.95	184	271622	95.50	ng	# 74
54) Dibenzofuran	10.10	168	1191005	41.05	ng	97
55) 4-Nitrophenol	10.01	139	386153	85.05	ng	# 75
56) 2,4-Dinitrotoluene	10.08	165	273515	39.06	ng	# 85
57) Fluorene	10.44	166	970950	43.12	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	267483	45.84	ng	96
59) Diethylphthalate	10.32	149	995660	41.05	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	398440	40.76	ng	97
61) 4-Nitroaniline	10.46	138	229911	41.32	ng	83
62) Azobenzene	10.59	77	1163442	44.28	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	190100	48.37	ng	# 46
65) n-Nitrosodiphenylamine	10.56	169	890389	41.62	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	297696	44.19	ng	95
67) Hexachlorobenzene	10.98	284	317519	40.76	ng	99
68) Atrazine	11.07	200	87763	13.37	ng	99
69) Pentachlorophenol	11.17	266	373750	79.29	ng	98
70) Phenanthrene	11.40	178	1404386	42.71	ng	99
71) Anthracene	11.45	178	1254033	38.82	ng	99
72) Carbazole	11.60	167	1106201	39.45	ng	98
73) Di-n-butylphthalate	11.94	149	1596145	45.90	ng	99
74) Fluoranthene	12.58	202	1379265	43.39	ng	99
76) Benzidine	12.70	184	290419	20.39	ng	99
77) Pyrene	12.81	202	1449283	47.78	ng	99
79) Butylbenzylphthalate	13.43	149	558658	44.42	ng	98
80) Benzo(a)anthracene	13.99	228	956051	40.64	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	247110	30.78	ng	98
82) Chrysene	14.03	228	1014614	44.44	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	754265	49.95	ng	# 99
84) Di-n-octyl phthalate	14.60	149	1218020	48.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	739408	36.44	ng	# 88
87) Benzo(b)fluoranthene	15.04	252	1531847	79.81	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	1532288	97.00	ng	99
89) Benzo(a)pyrene	15.36	252	711014	45.12	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	617201	43.76	ng	# 97
91) Benzo(g,h,i)perylene	17.21	276	620529	44.70	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

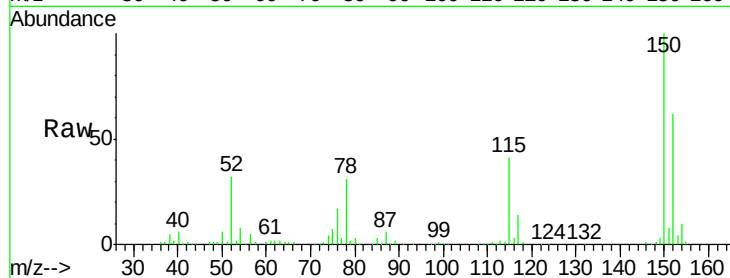
Tgt Ion:152 Resp: 178827

Ion Ratio Lower Upper

152 100

150 160.2 129.6 194.4

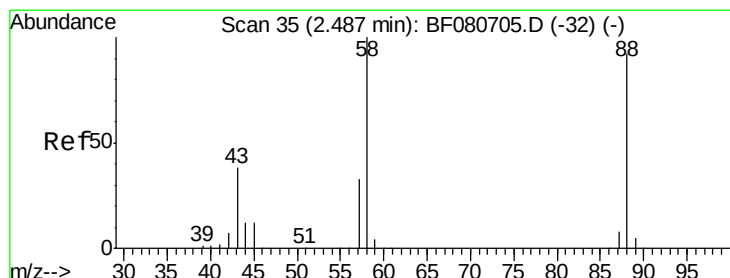
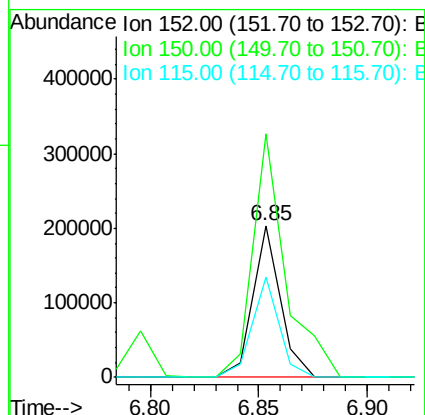
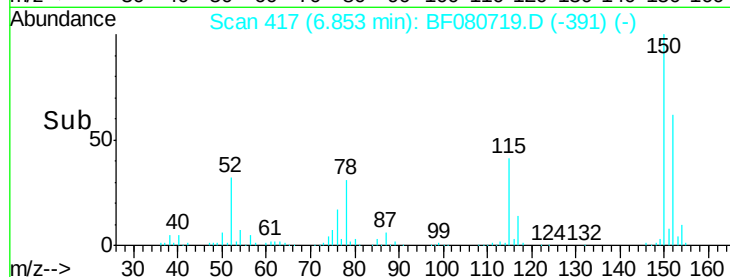
115 65.9 56.6 85.0



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: 34.00 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.11 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

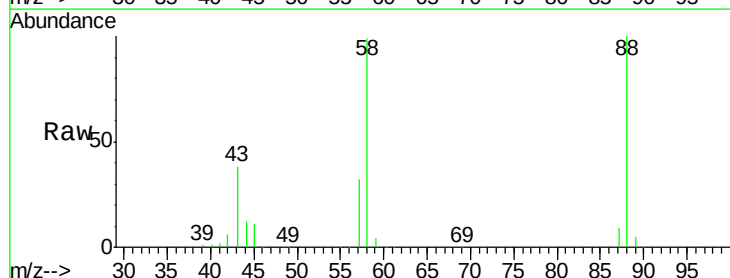
Tgt Ion: 88 Resp: 174800

Ion Ratio Lower Upper

88 100

58 101.6 82.3 123.5

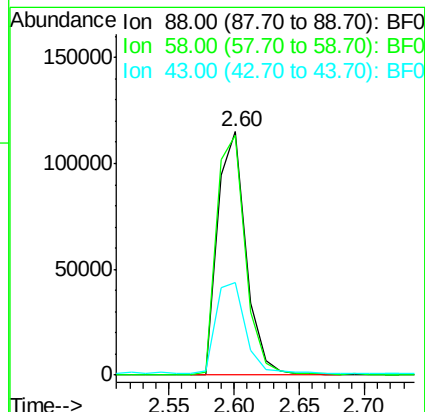
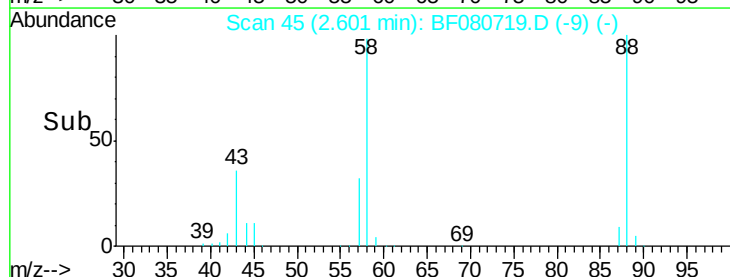
43 39.6 31.7 47.5

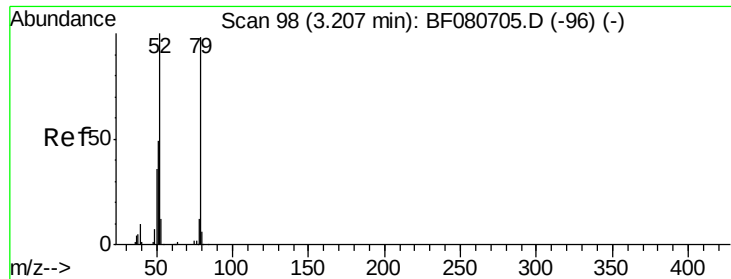


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

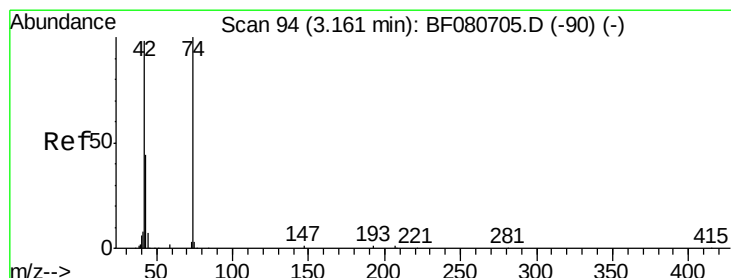
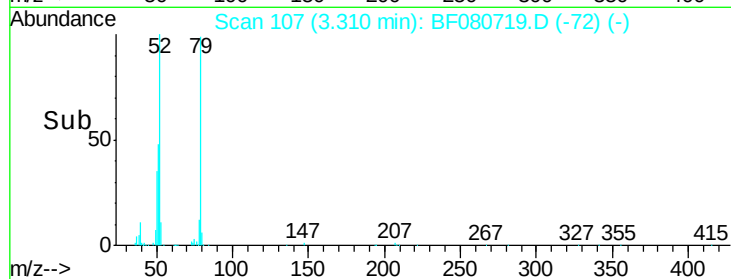
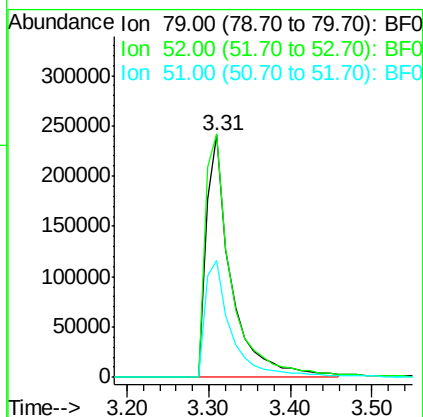
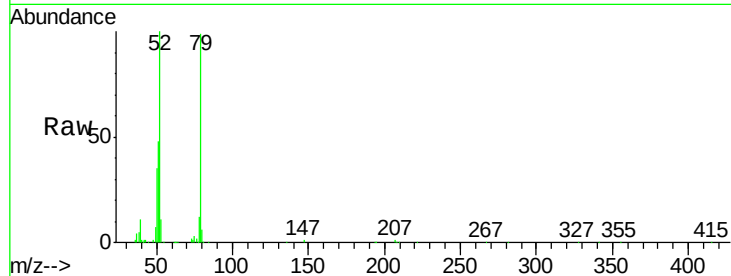




#3
 Pyridine
 Concen: 36.39 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.10 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

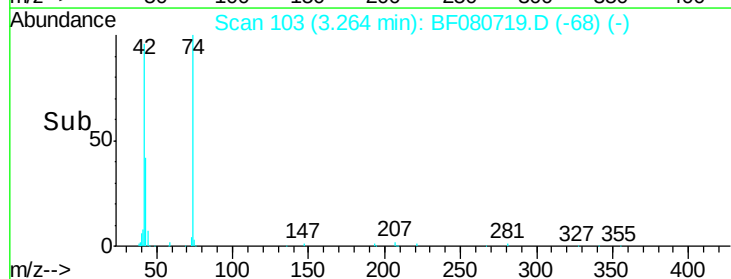
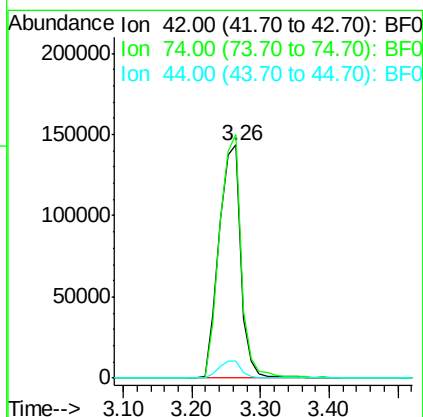
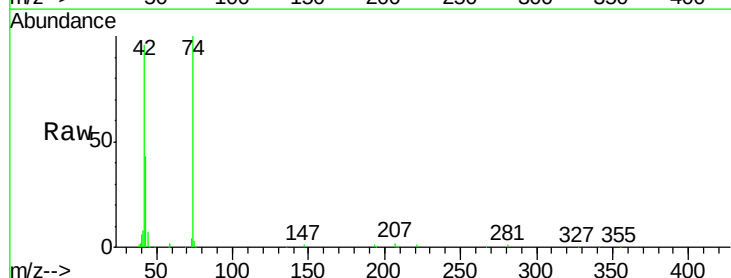
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

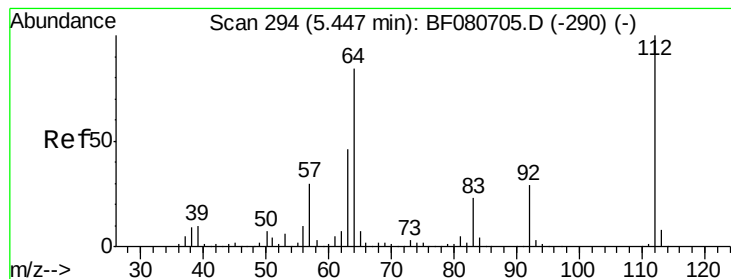
Tgt Ion: 79 Resp: 518997
 Ion Ratio Lower Upper
 79 100
 52 100.6 81.6 122.4
 51 48.4 40.2 60.2



#4
 n-Nitrosodimethylamine
 Concen: 40.19 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.10 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion: 42 Resp: 327711
 Ion Ratio Lower Upper
 42 100
 74 104.4 81.5 122.3
 44 7.2 5.6 8.4





#5

2-Fluorophenol

Concen: 113.44 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

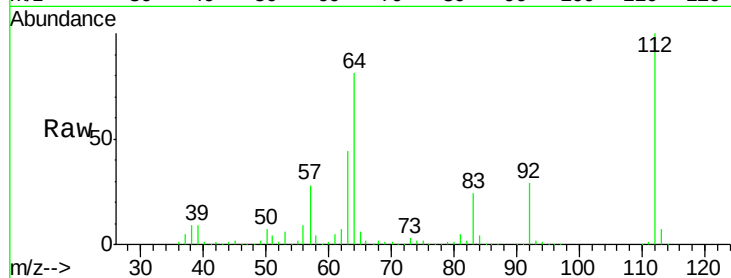
Tgt Ion: 112 Resp: 1182540

Ion Ratio Lower Upper

112 100

64 80.8 66.8 100.2

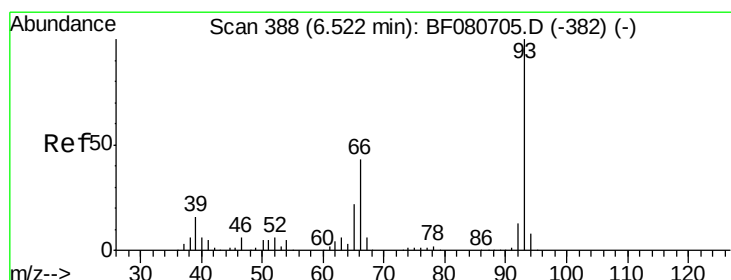
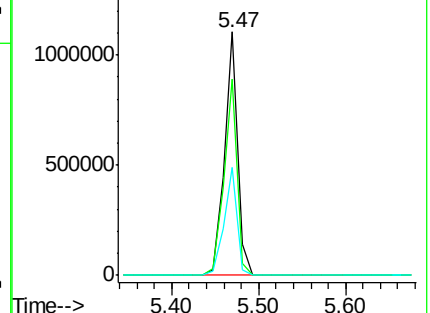
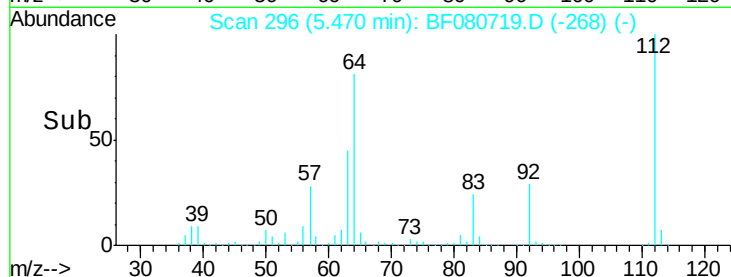
63 44.4 36.7 55.1



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: 20.95 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

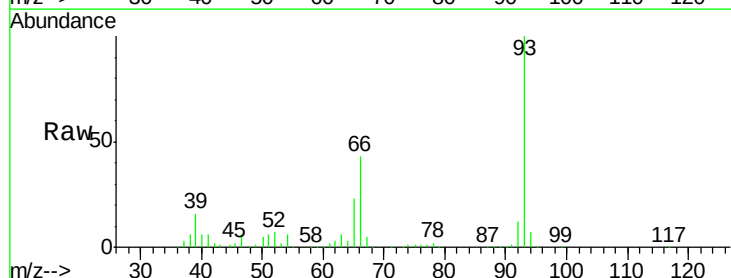
Tgt Ion: 93 Resp: 427948

Ion Ratio Lower Upper

93 100

66 43.5 34.3 51.5

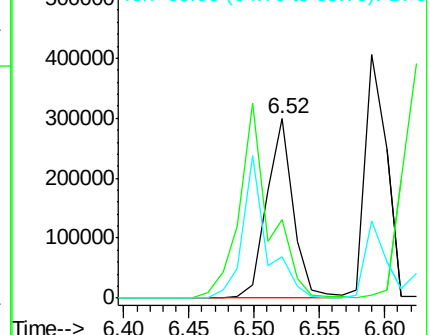
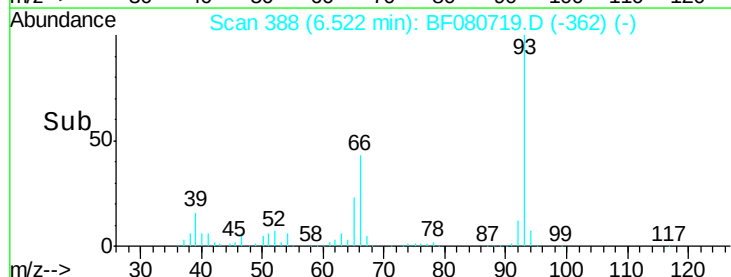
65 23.0 17.6 26.4

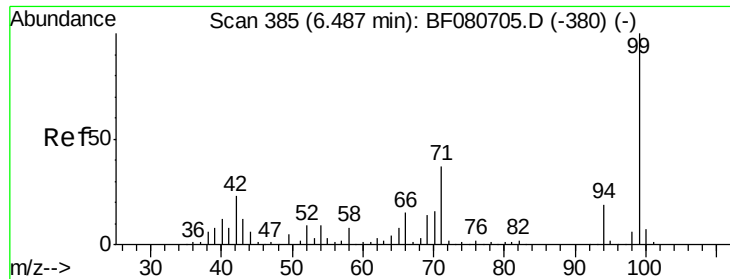


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.67 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

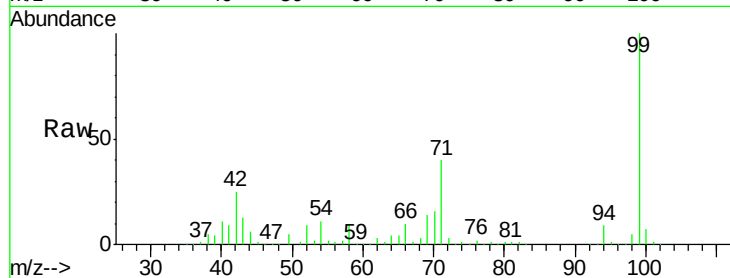
Tgt Ion: 99 Resp: 1684160

Ion Ratio Lower Upper

99 100

42 25.3 18.2 27.2

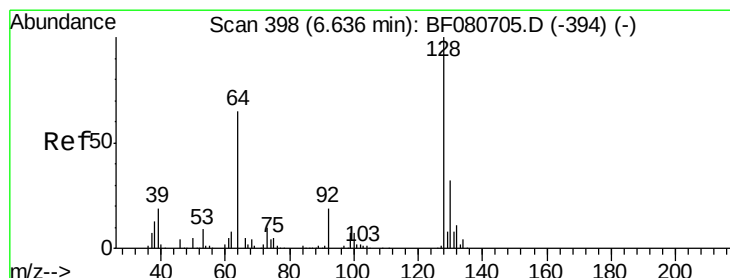
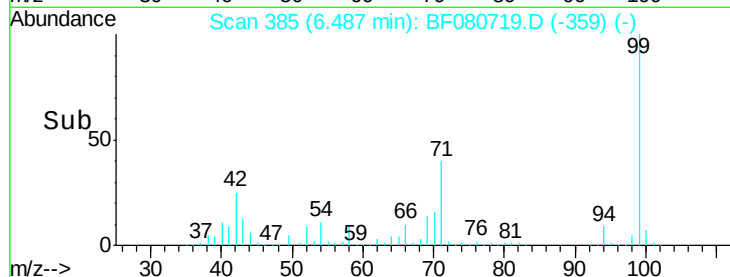
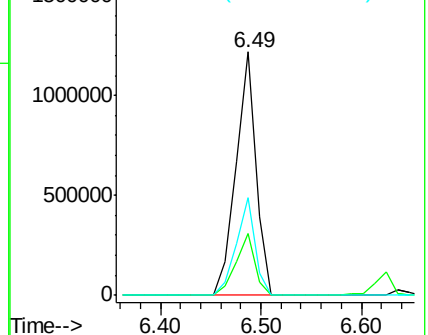
71 40.1 29.5 44.3



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: 38.29 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

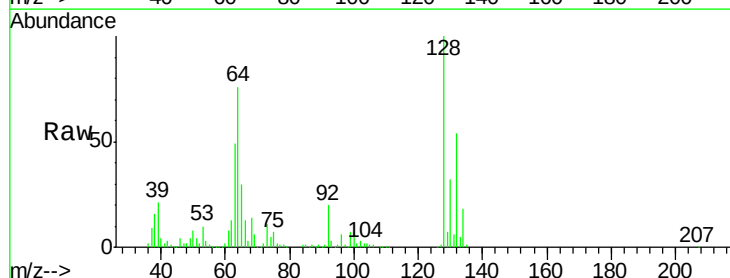
Tgt Ion: 128 Resp: 447463

Ion Ratio Lower Upper

128 100

130 31.6 11.7 51.7

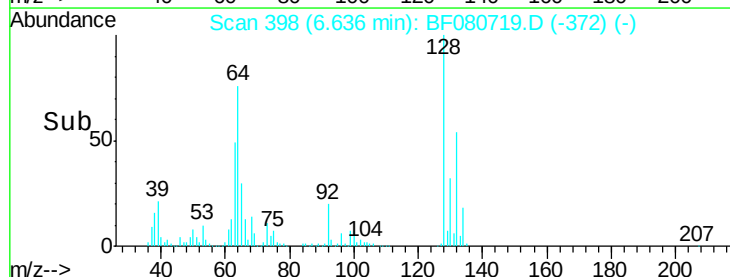
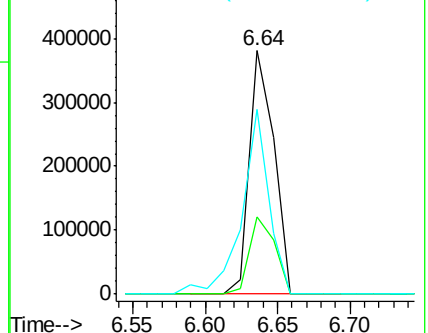
64 75.9 48.7 88.7

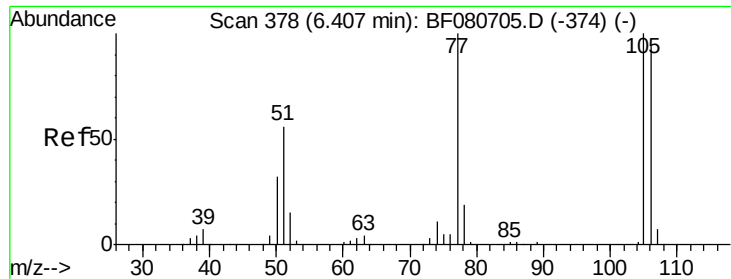


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.76 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

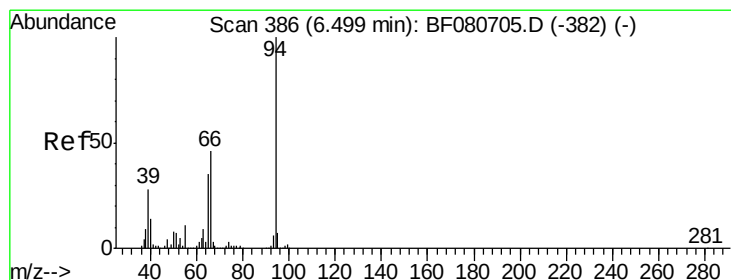
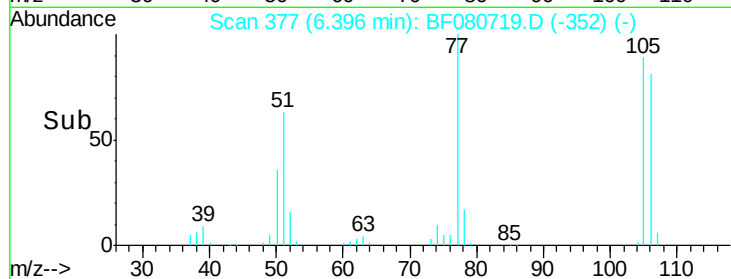
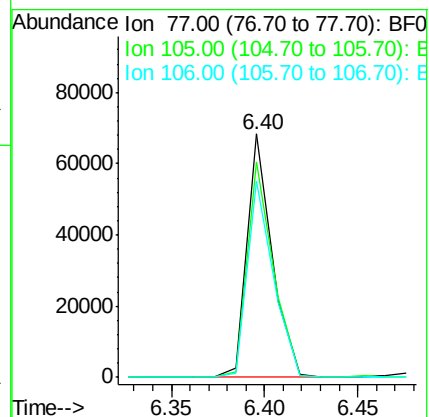
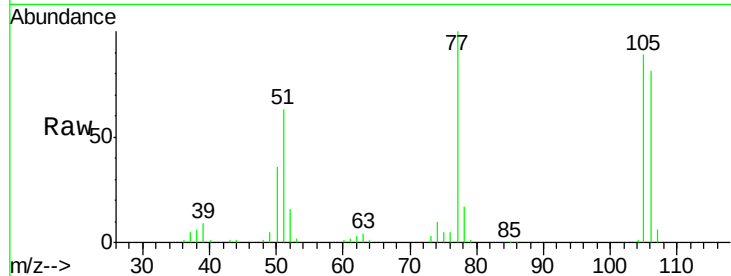
Tgt Ion: 77 Resp: 63800

Ion Ratio Lower Upper

77 100

105 88.7 80.2 120.2

106 80.7 74.2 114.2



#10

Phenol

Concen: 34.11 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

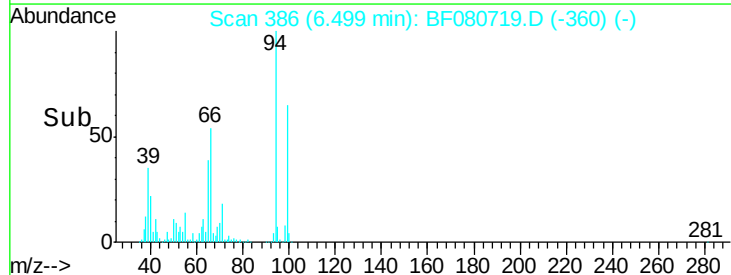
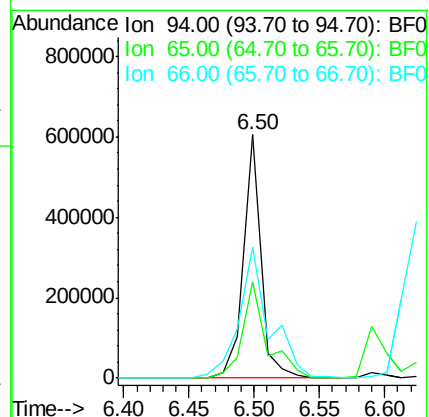
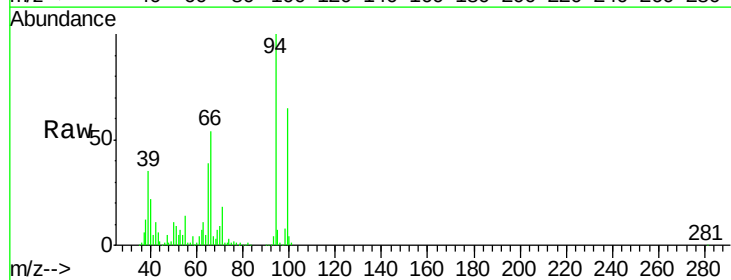
Tgt Ion: 94 Resp: 560260

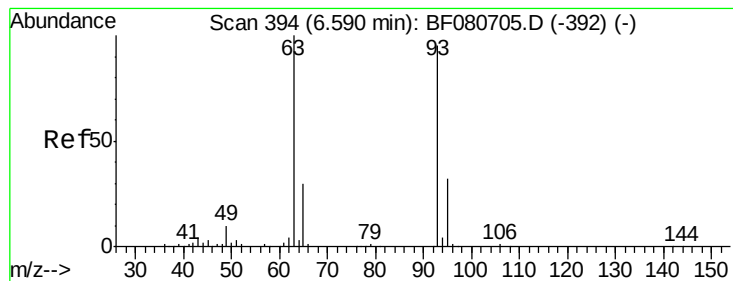
Ion Ratio Lower Upper

94 100

65 39.4 14.7 54.7

66 53.8 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 39.29 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

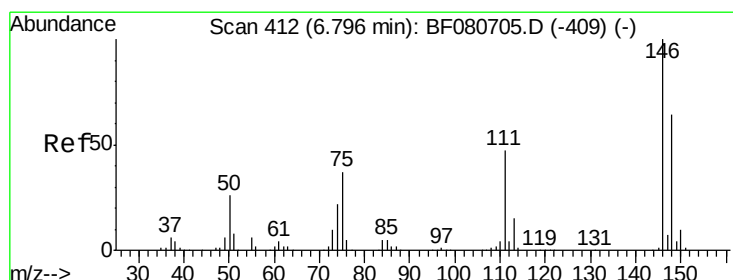
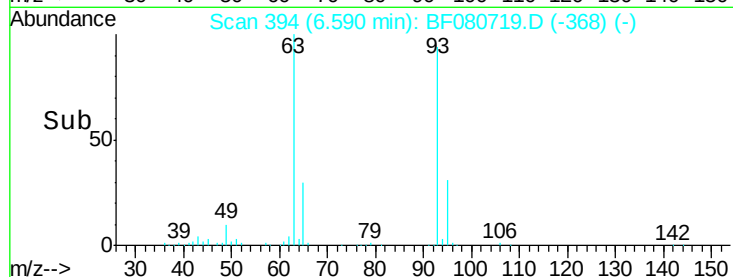
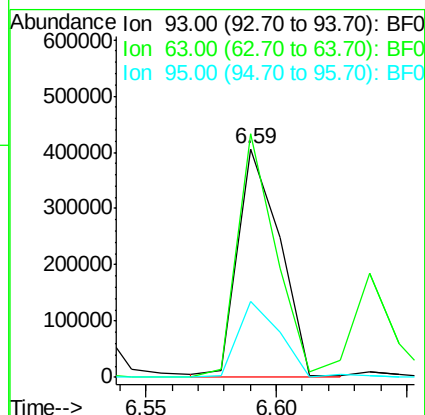
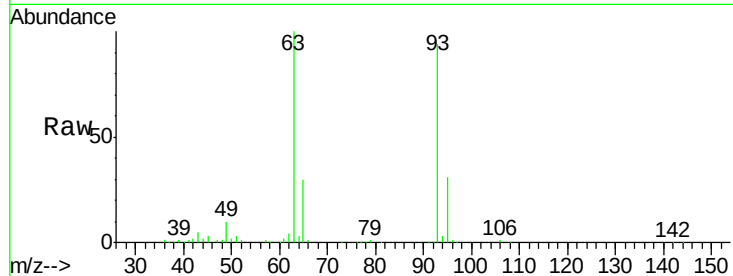
Tgt Ion: 93 Resp: 460955

Ion Ratio Lower Upper

93 100

63 106.6 85.3 125.3

95 33.1 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 39.19 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

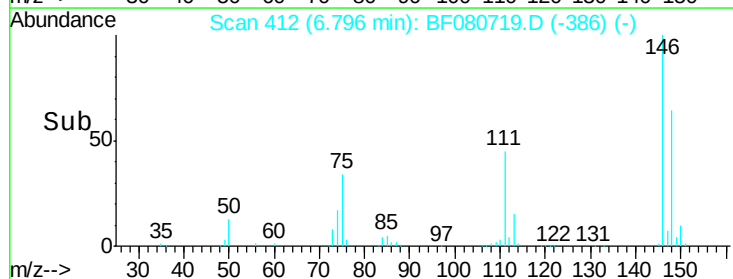
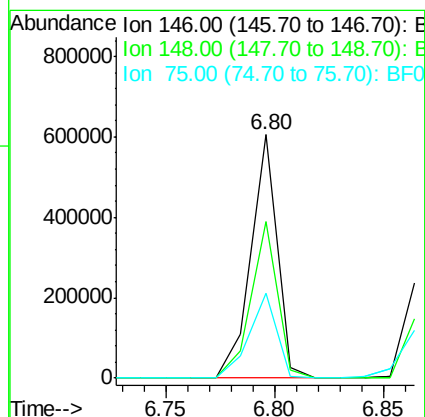
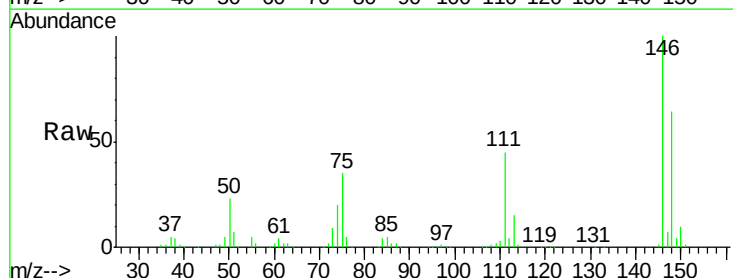
Tgt Ion: 146 Resp: 509806

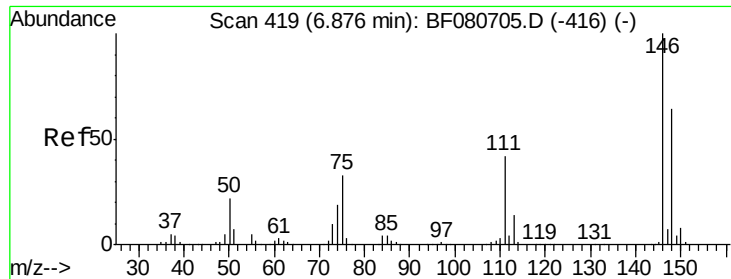
Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

75 35.1 29.4 44.0

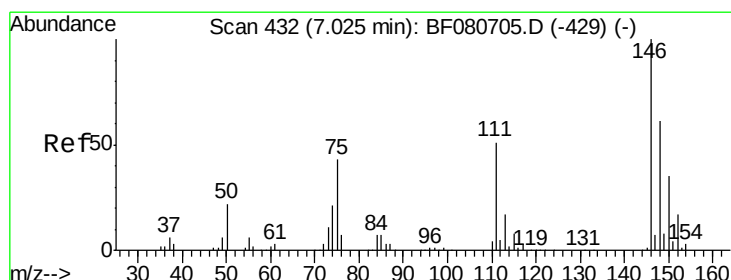
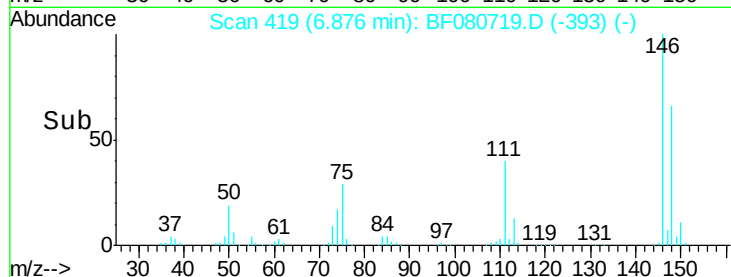
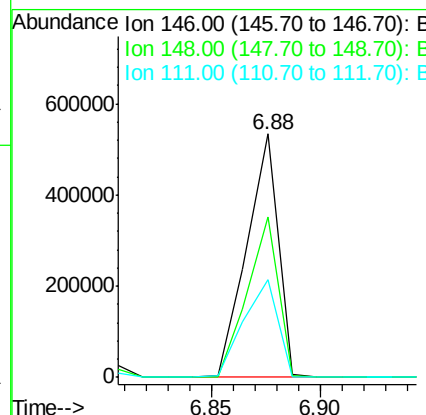
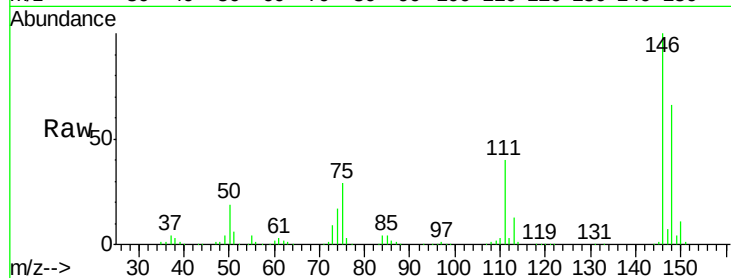




#13
 1,4-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

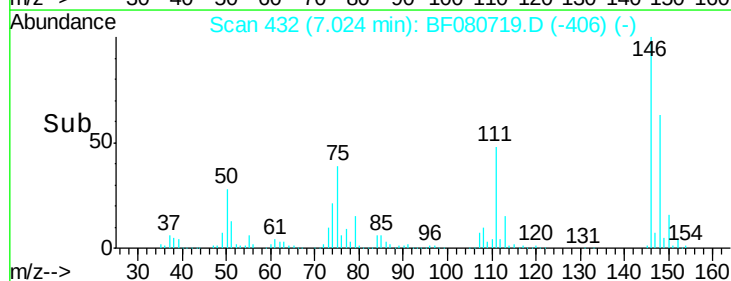
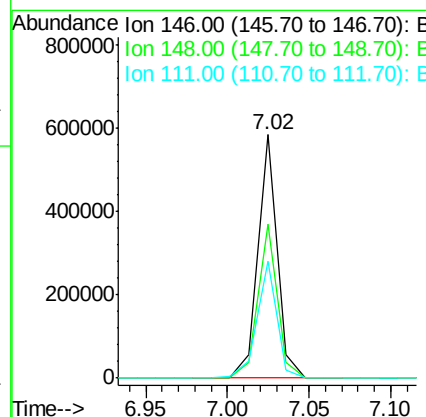
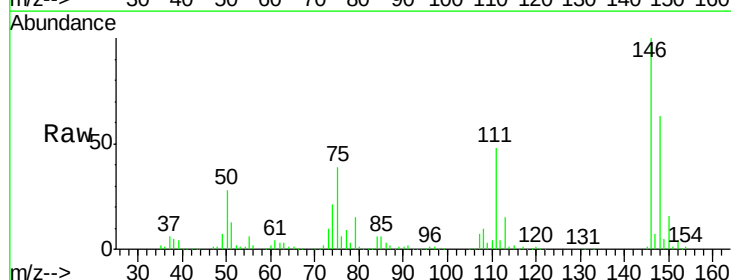
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

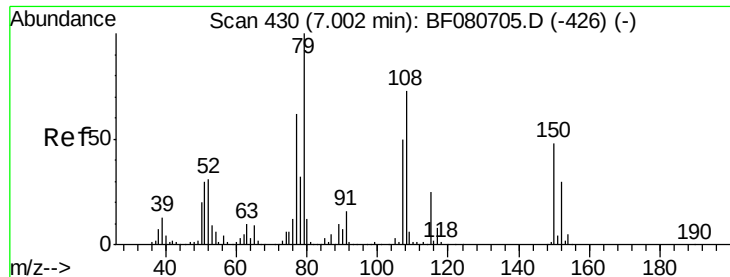
Tgt Ion:146 Resp: 535360
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.2
 111 40.3 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 39.43 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:146 Resp: 478311
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.2 73.8
 111 47.9 41.0 61.4





#15

Benzyl Alcohol

Concen: 31.46 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

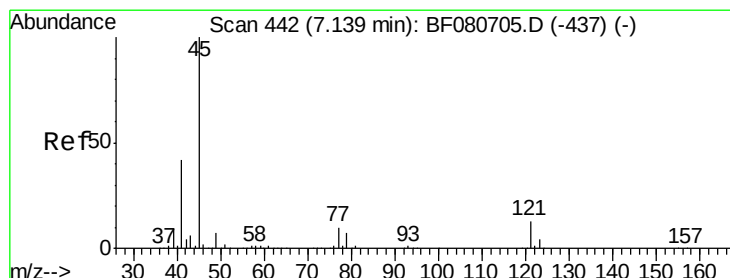
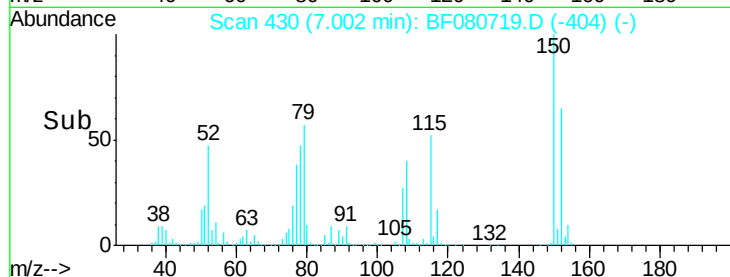
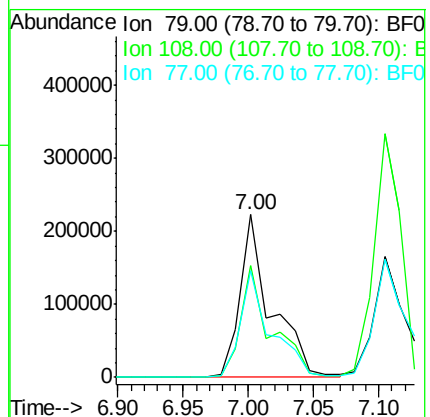
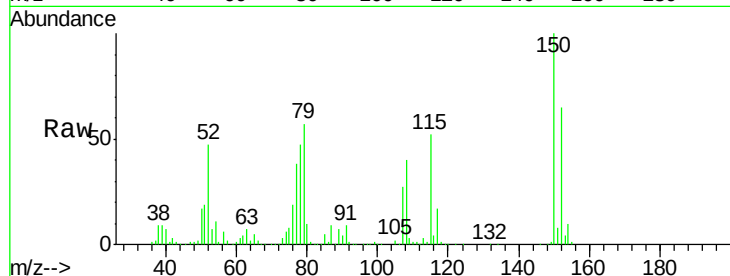
Tgt Ion: 79 Resp: 370805

Ion Ratio Lower Upper

79 100

108 68.9 58.7 88.1

77 65.7 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.67 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

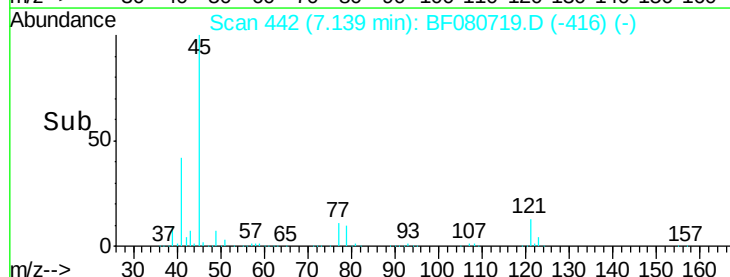
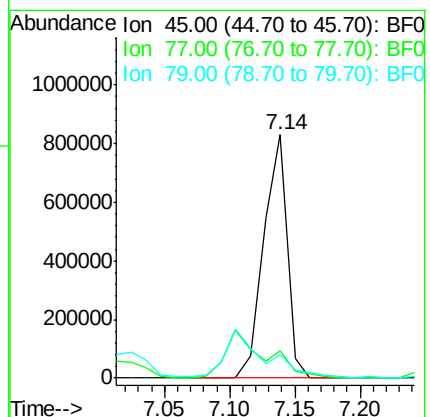
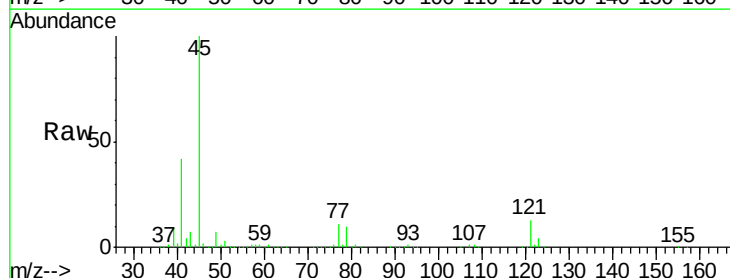
Tgt Ion: 45 Resp: 1044506

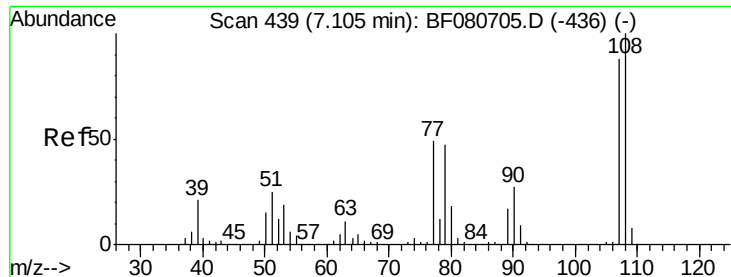
Ion Ratio Lower Upper

45 100

77 11.0 0.0 29.9

79 9.7 0.0 27.4





#17

2-Methylphenol

Concen: 43.16 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

Tgt Ion:107 Resp: 413984

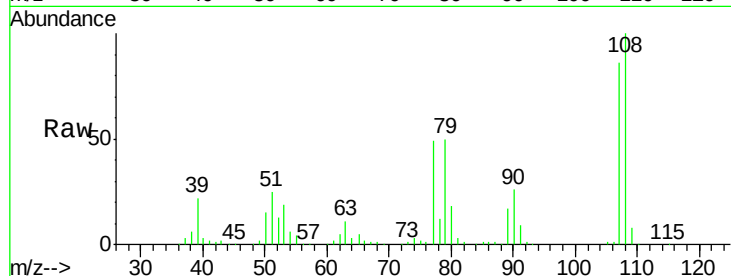
Ion Ratio Lower Upper

107 100

108 115.9 90.8 136.2

77 56.3 44.6 67.0

79 57.7 42.9 64.3

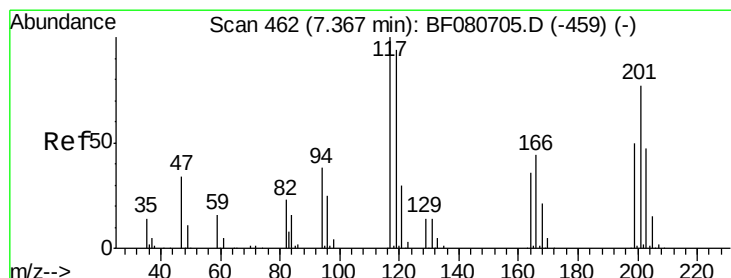
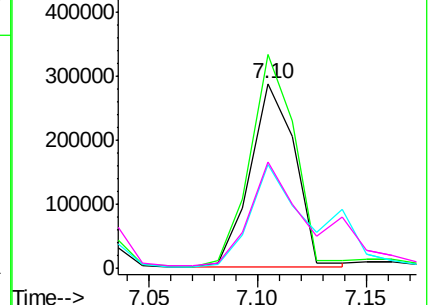
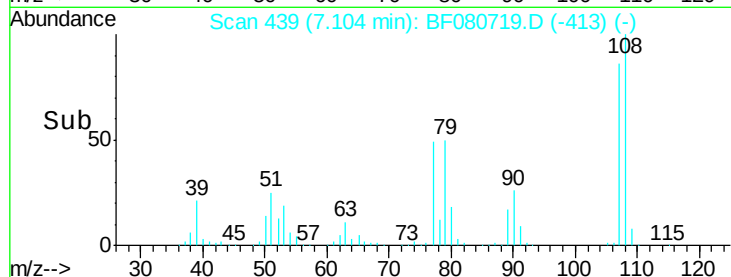


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 39.54 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

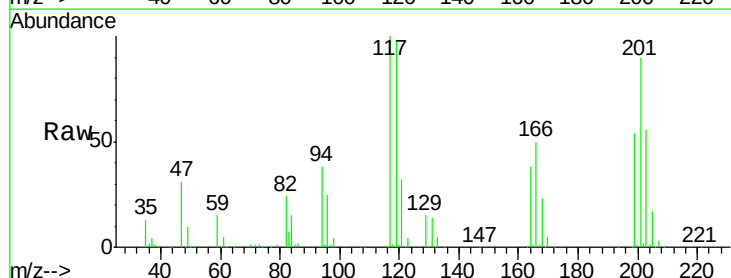
Tgt Ion:117 Resp: 195825

Ion Ratio Lower Upper

117 100

119 97.5 74.9 112.3

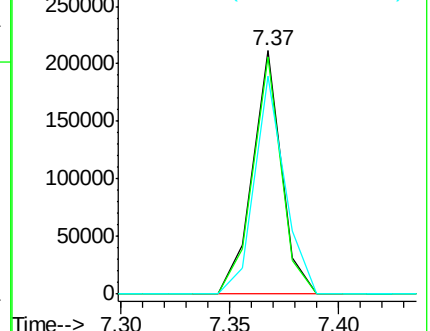
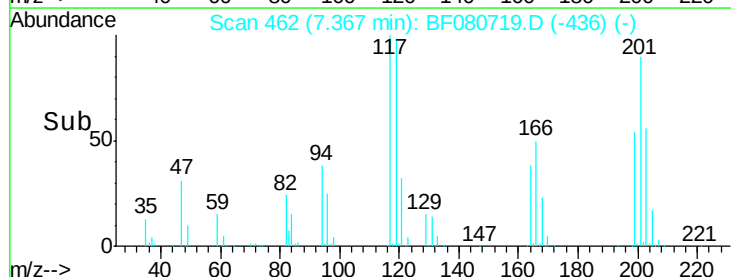
201 89.8 61.5 92.3

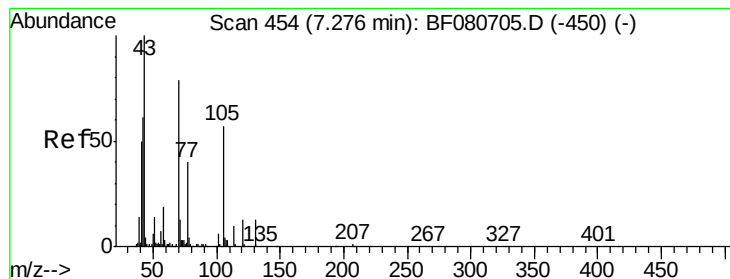


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.62 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

Tgt Ion: 70 Resp: 397793

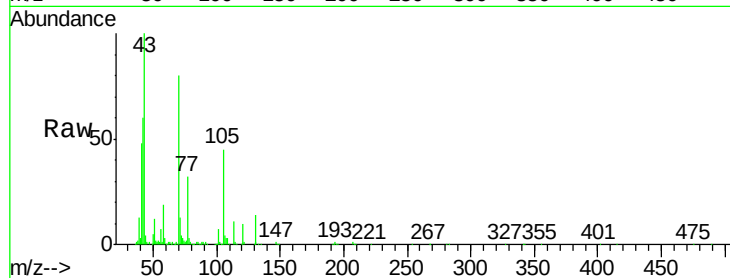
Ion Ratio Lower Upper

70 100

42 74.8 61.8 92.6

101 8.6 6.1 9.1

130 17.6 12.9 19.3

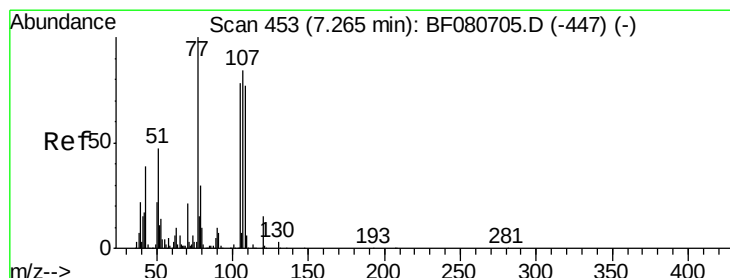
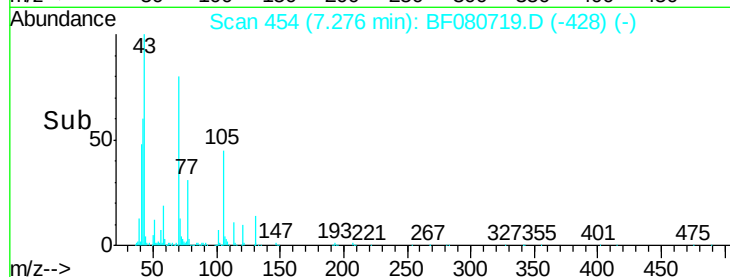
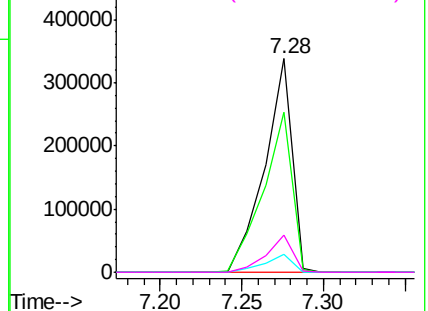


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.10 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Tgt Ion: 107 Resp: 510002

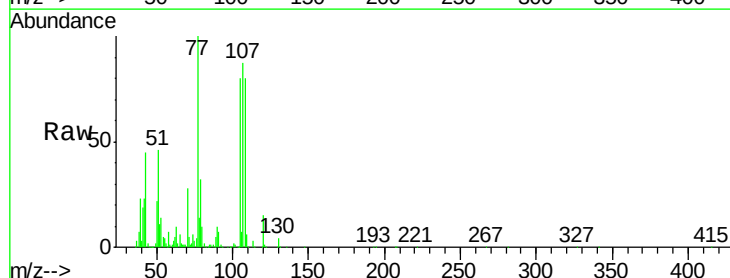
Ion Ratio Lower Upper

107 100

108 91.7 71.8 111.8

77 115.1 99.8 139.8

79 36.4 16.2 56.2

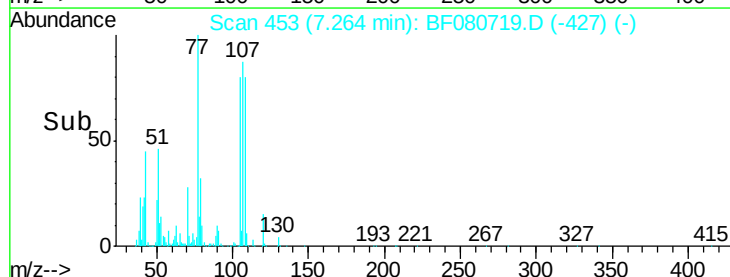
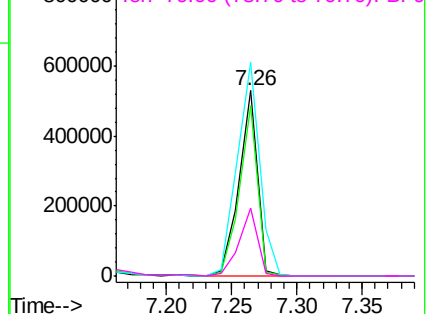


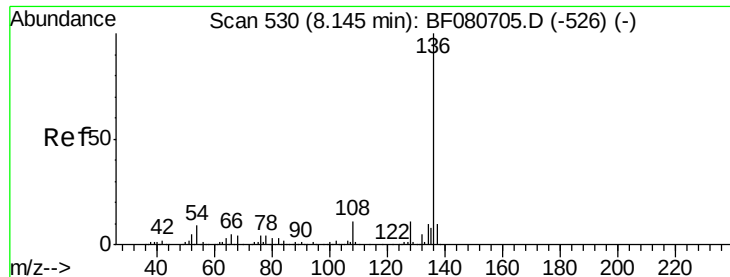
Abundance Ion 107.00 (106.70 to 107.70): E

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

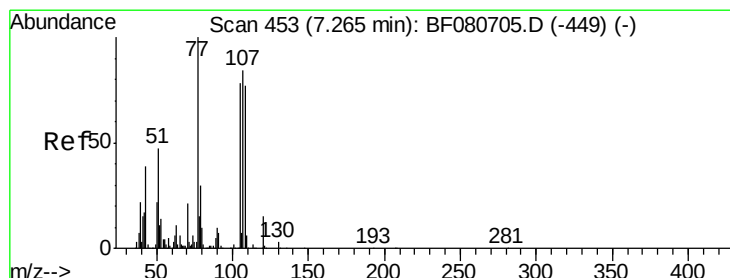
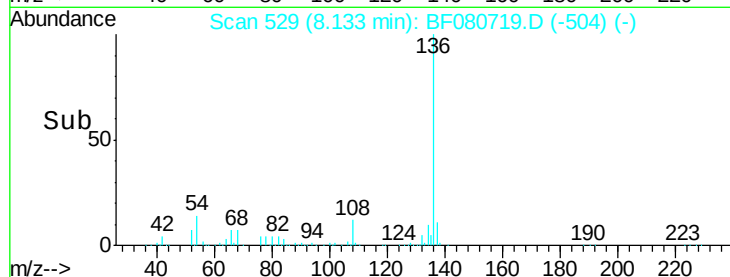
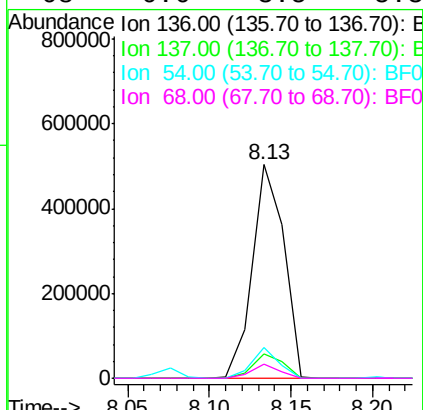
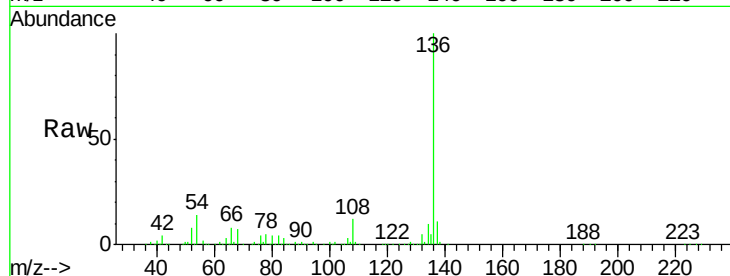




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

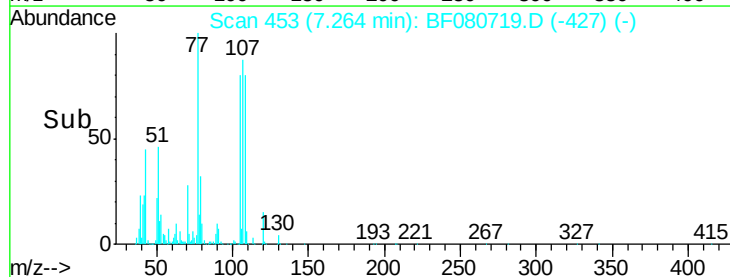
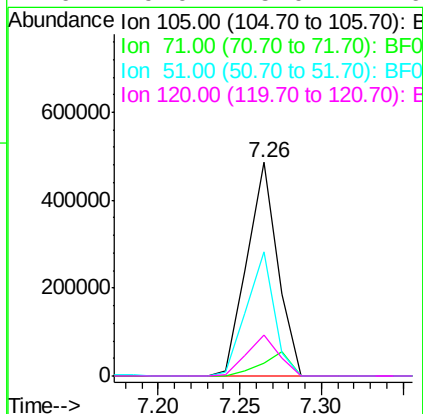
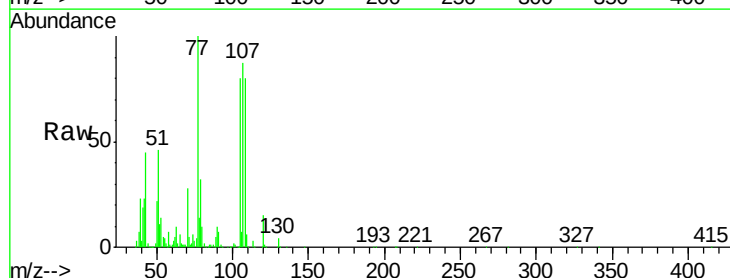
Instrument :
BNA_F
ClientSampleId :
PB84616BS

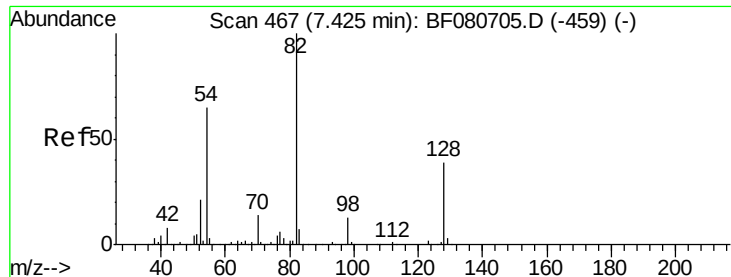
Tgt Ion:	136	Resp:	675587
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	14.5	6.9	10.3#
68	6.6	3.5	5.3#



#22
Acetophenone
Concen: 38.90 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:	105	Resp:	634287
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.4	5.0#
51	57.9	47.9	71.9
120	19.0	15.0	22.6





#23

Nitrobenzene-d5

Concen: 90.42 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

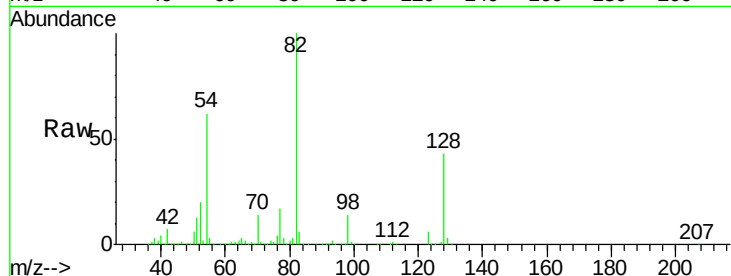
Tgt Ion: 82 Resp: 1261460

Ion Ratio Lower Upper

82 100

128 43.1 31.5 47.3

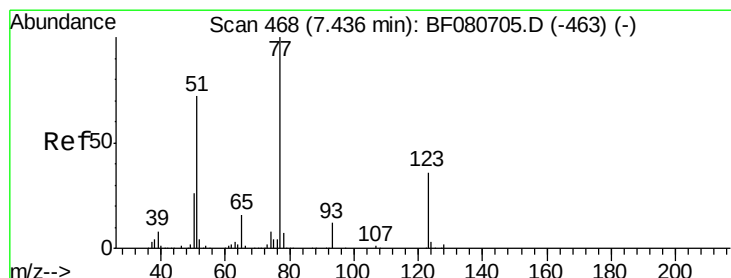
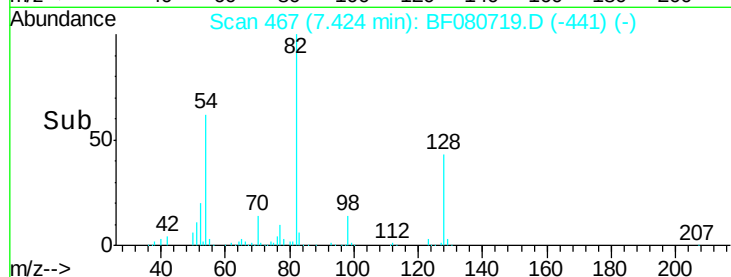
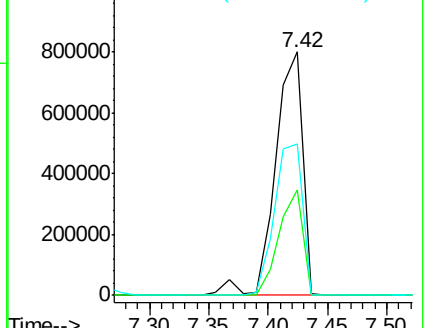
54 62.0 51.8 77.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.30 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

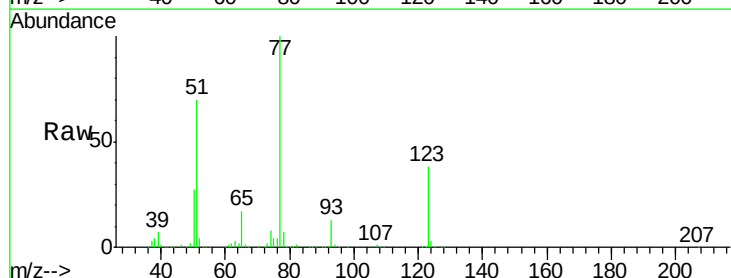
Tgt Ion: 77 Resp: 549275

Ion Ratio Lower Upper

77 100

123 37.6 28.9 43.3

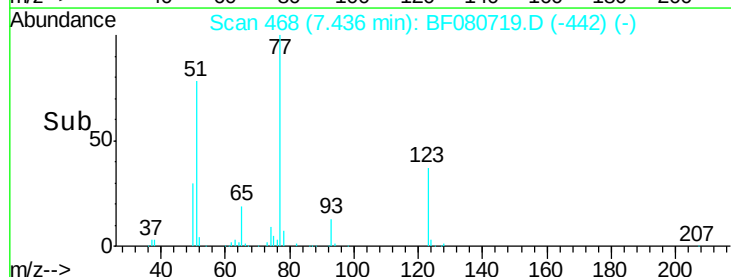
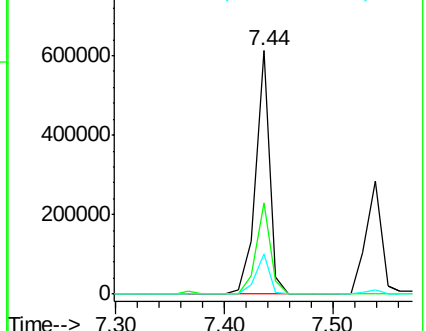
65 16.5 13.0 19.4

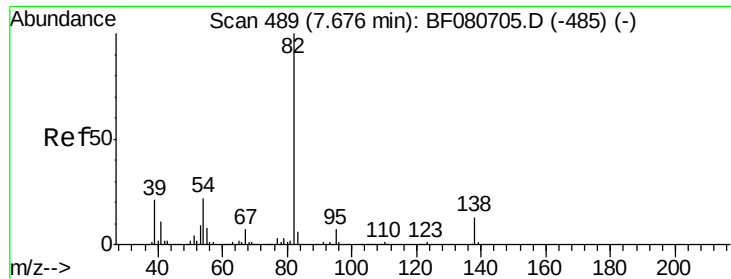


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.59 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

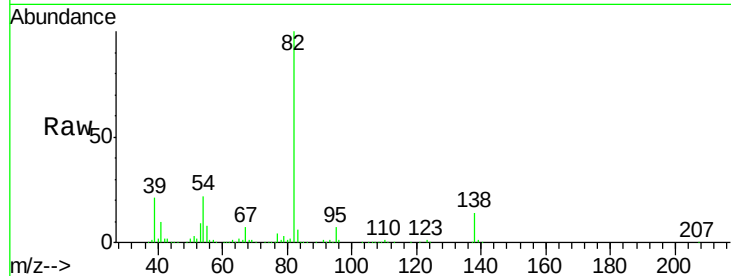
Tgt Ion: 82 Resp: 1007061

Ion Ratio Lower Upper

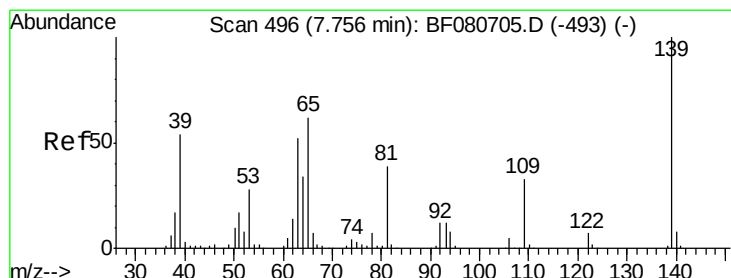
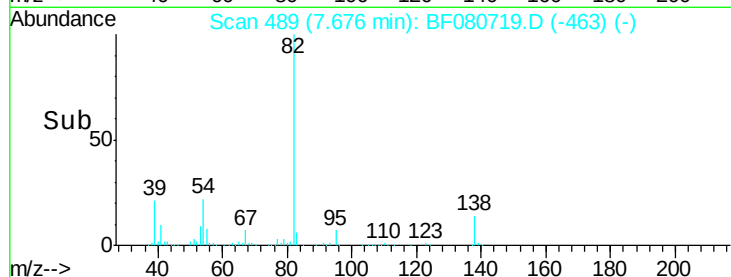
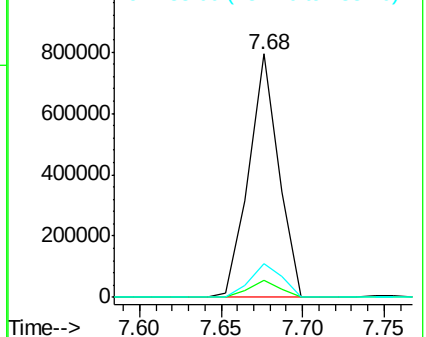
82 100

95 7.1 5.8 8.6

138 13.7 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: 46.04 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

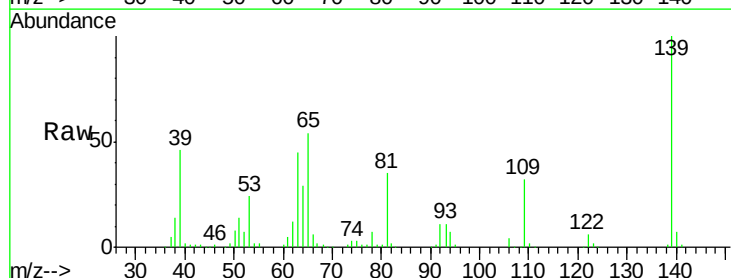
Tgt Ion: 139 Resp: 261215

Ion Ratio Lower Upper

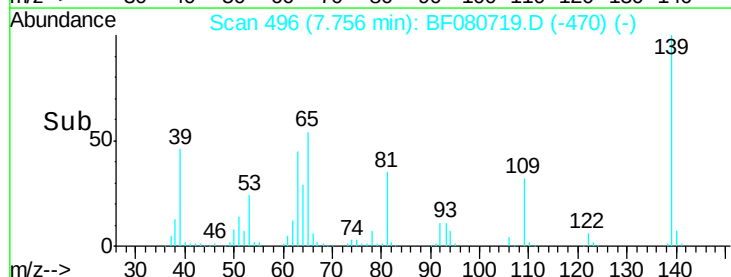
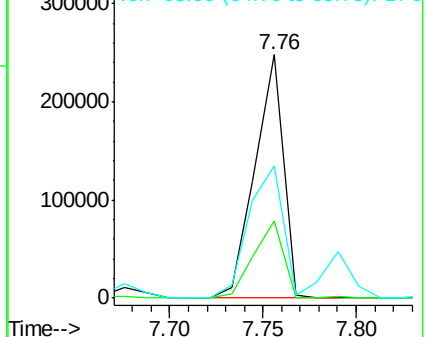
139 100

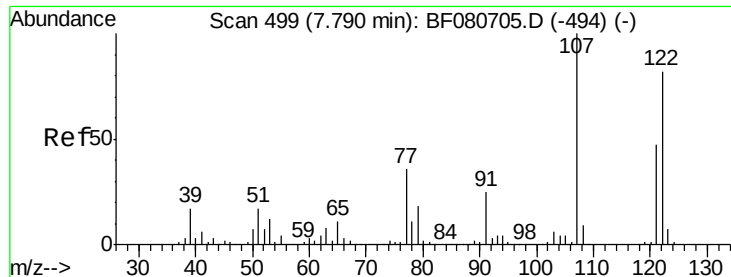
109 31.9 26.5 39.7

65 54.4 49.8 74.8



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

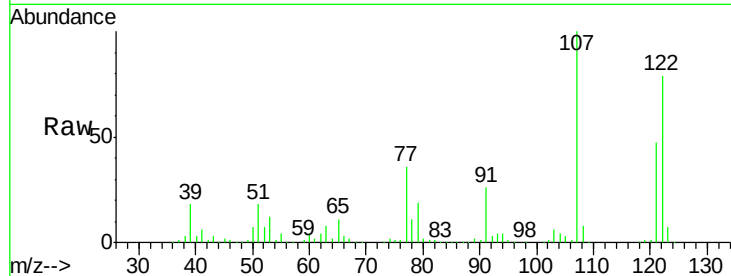




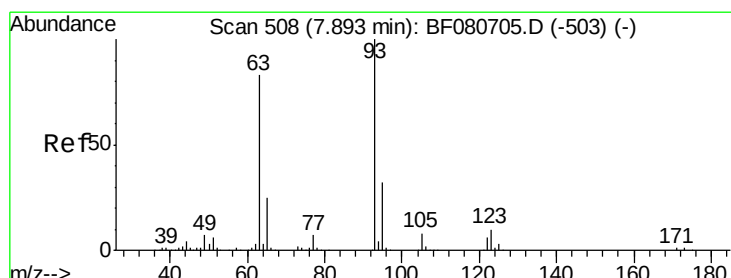
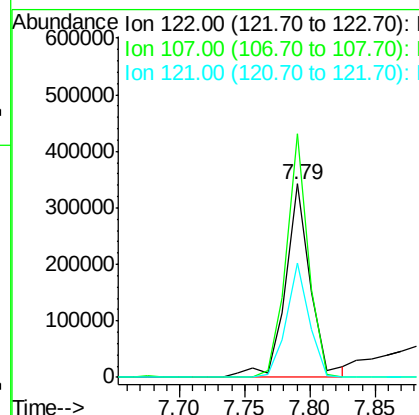
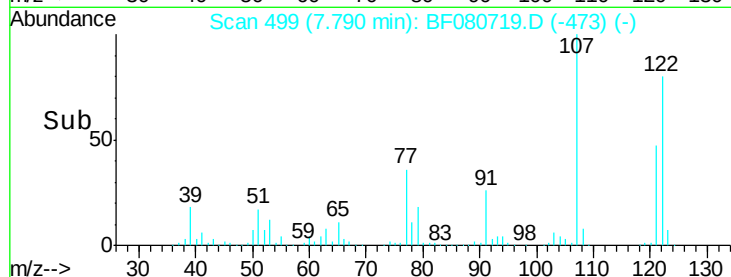
#27
 2,4-Dimethylphenol
 Concen: 43.17 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:122 Resp: 460104
 Ion Ratio Lower Upper
 122 100
 107 125.9 98.1 147.1
 121 59.1 45.8 68.8

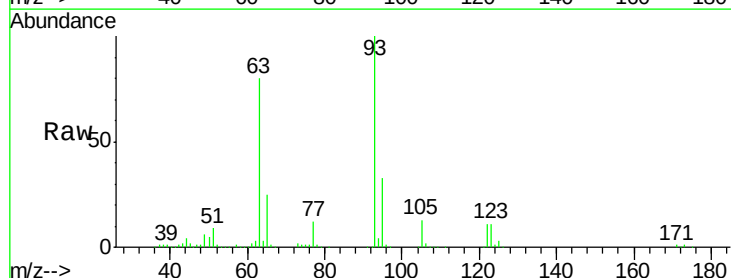


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

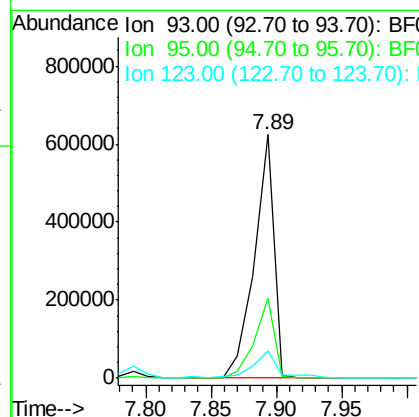
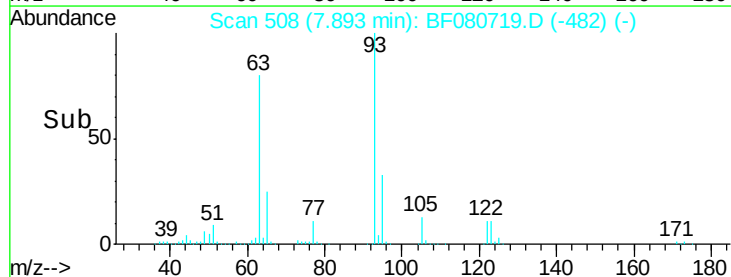


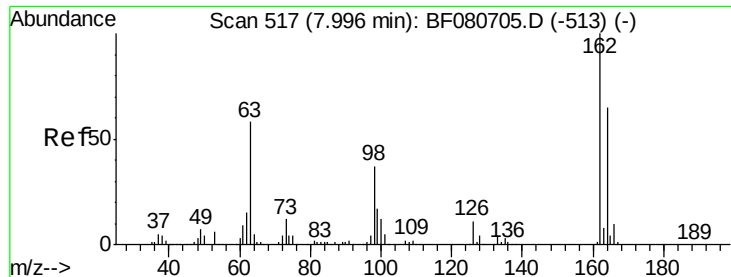
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.42 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion: 93 Resp: 652942
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.0 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): E





#29

2,4-Dichlorophenol

Concen: 44.40 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

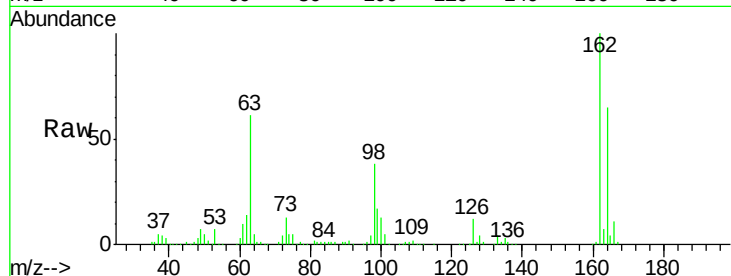
Tgt Ion:162 Resp: 420642

Ion Ratio Lower Upper

162 100

164 65.2 45.1 85.1

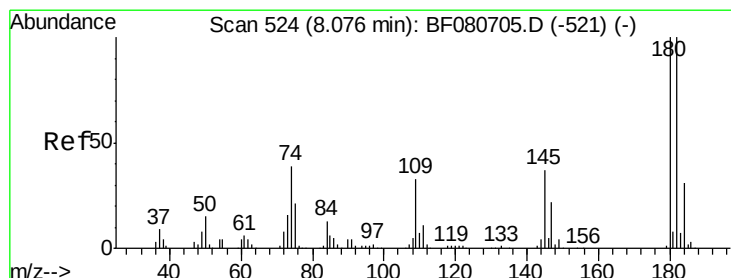
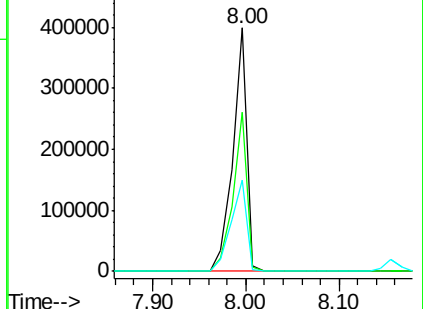
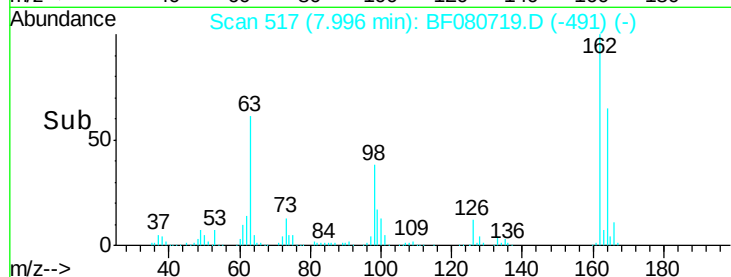
98 37.5 17.0 57.0



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: 38.78 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

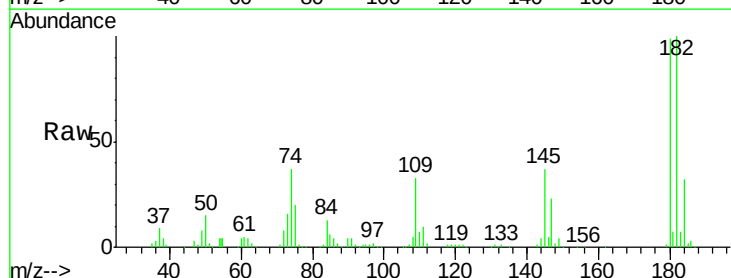
Tgt Ion:180 Resp: 400595

Ion Ratio Lower Upper

180 100

182 100.8 79.8 119.8

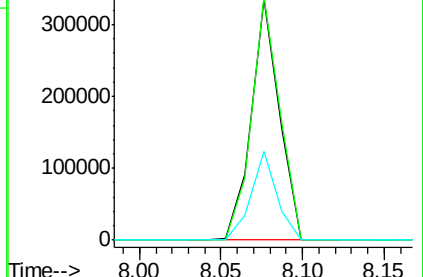
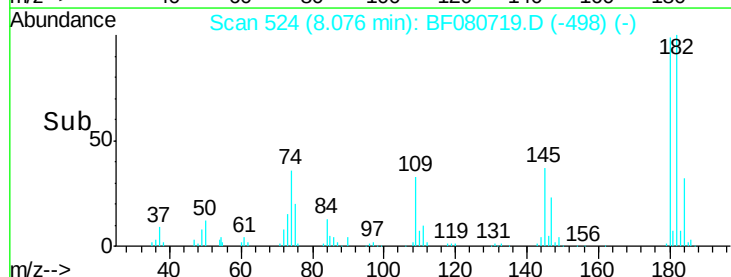
145 36.9 29.8 44.6

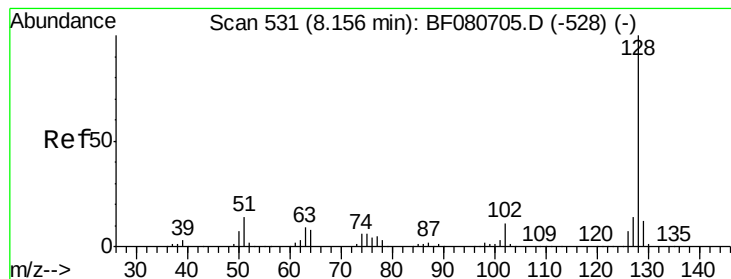


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.20 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampled :

PB84616BS

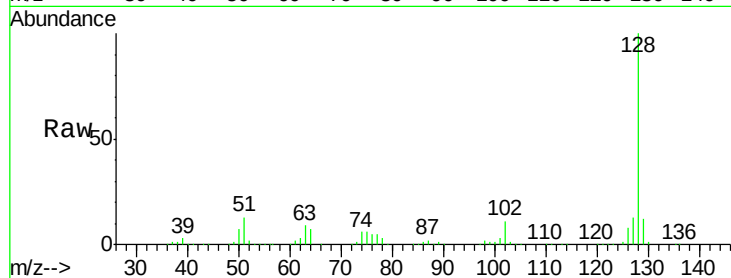
Tgt Ion:128 Resp: 1254333

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

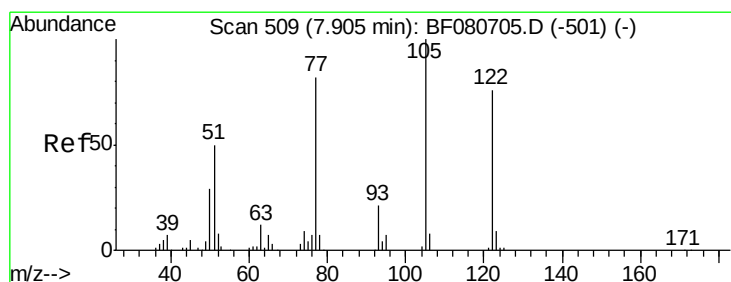
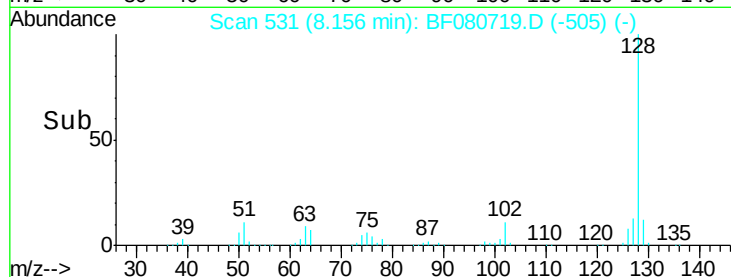
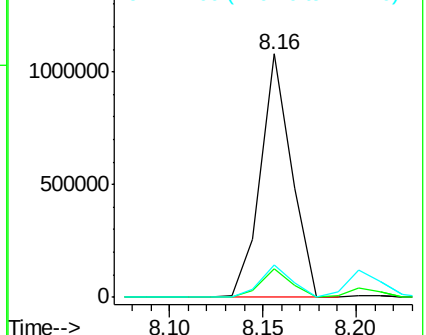
127 13.5 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.88 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

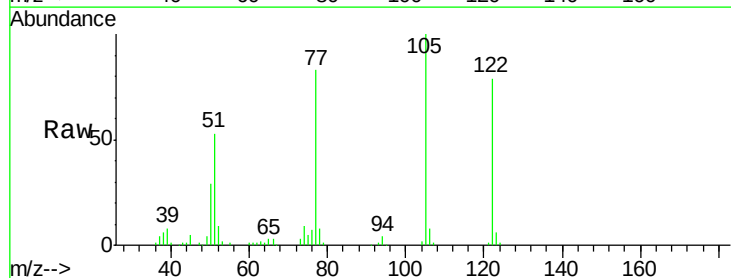
Tgt Ion:122 Resp: 380428

Ion Ratio Lower Upper

122 100

105 126.5 111.3 151.3

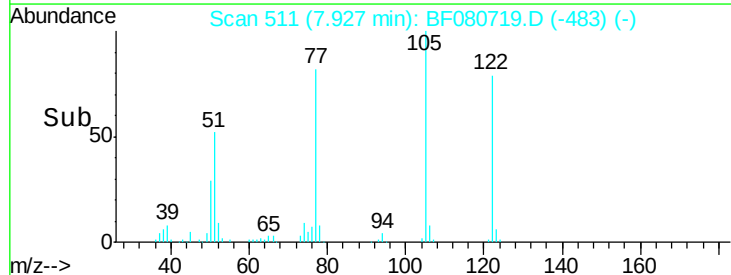
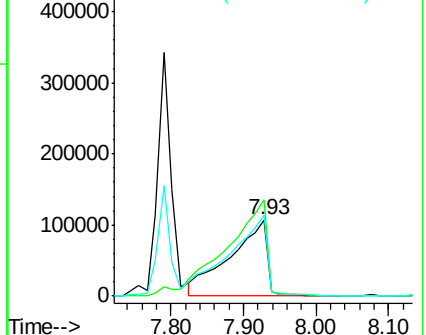
77 105.6 88.1 128.1

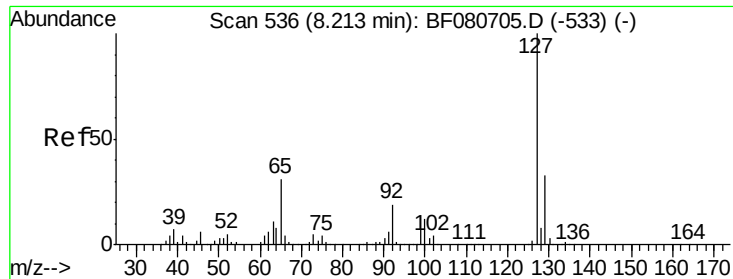


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

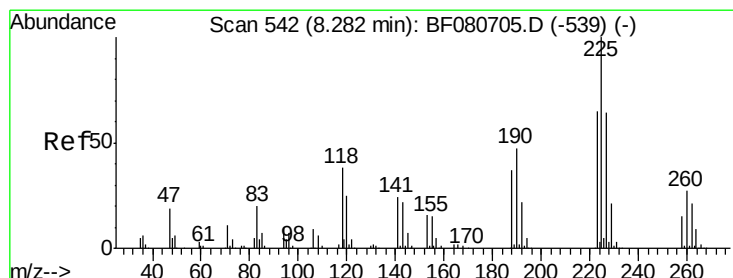
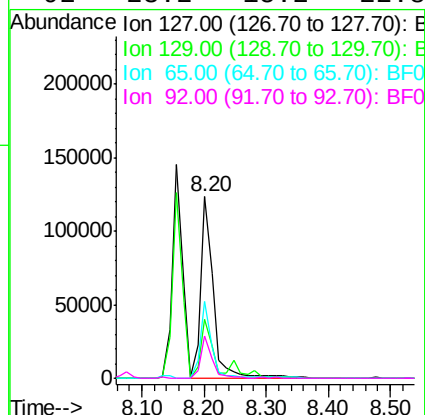
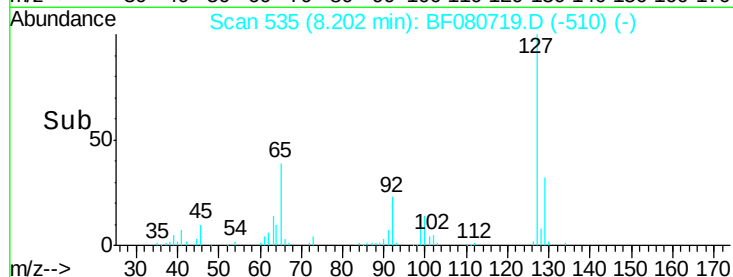
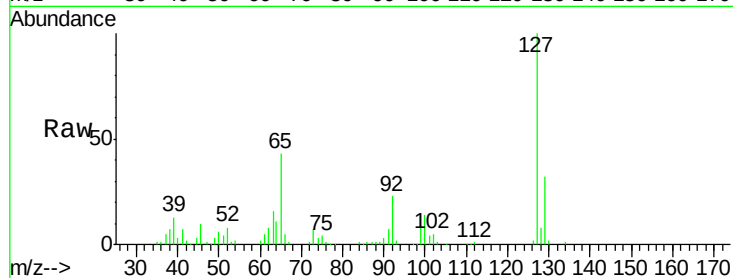




#33
4-Chloroaniline
Concen: 12.48 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

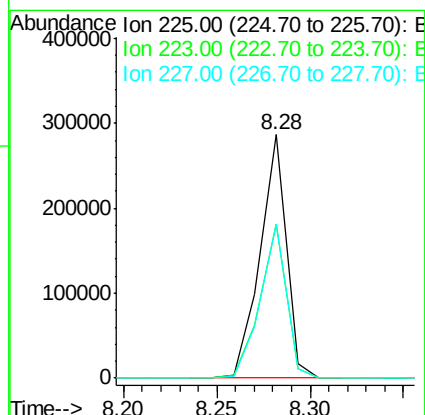
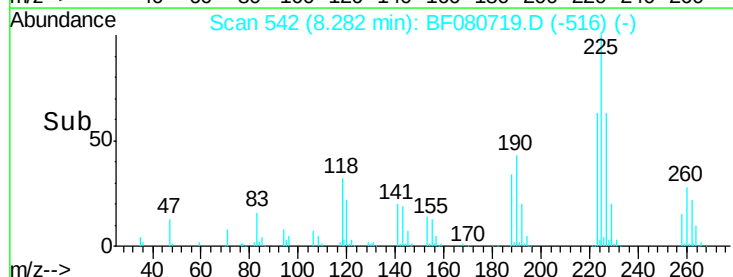
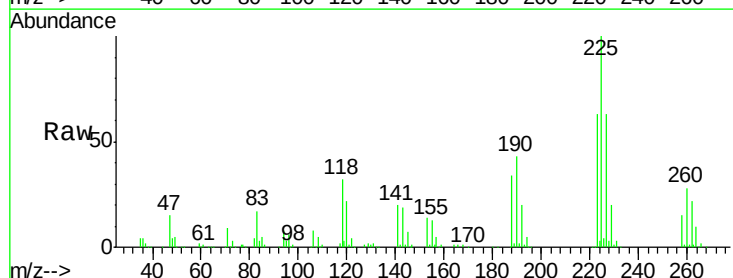
Instrument :
BNA_F
ClientSampleId :
PB84616BS

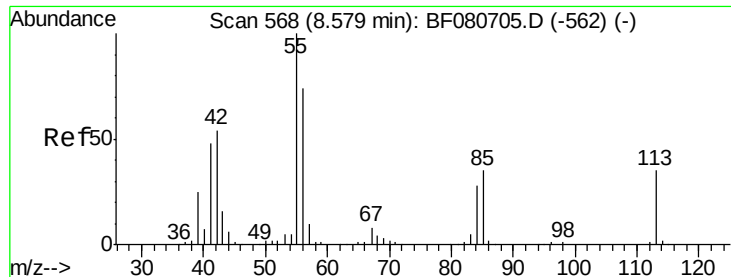
Tgt Ion:	127	Resp:	177582
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	42.6	24.5	36.7#
92	23.2	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 41.65 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:	225	Resp:	277808
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.7	77.5
227	63.2	51.0	76.4

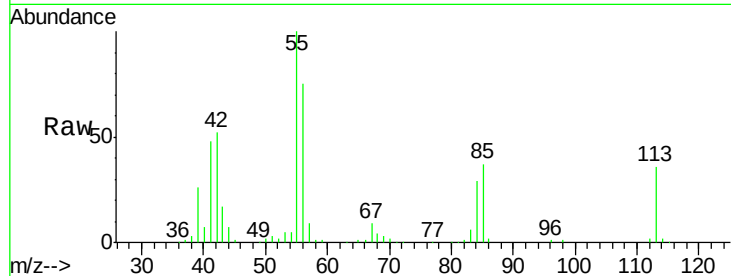




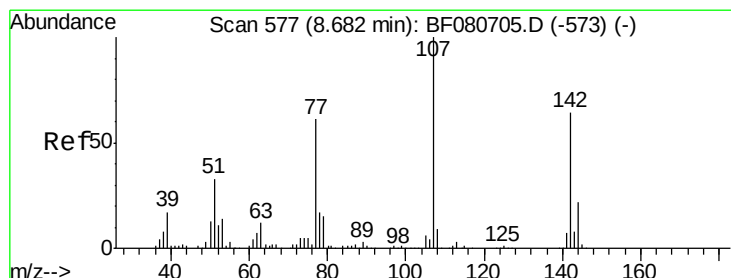
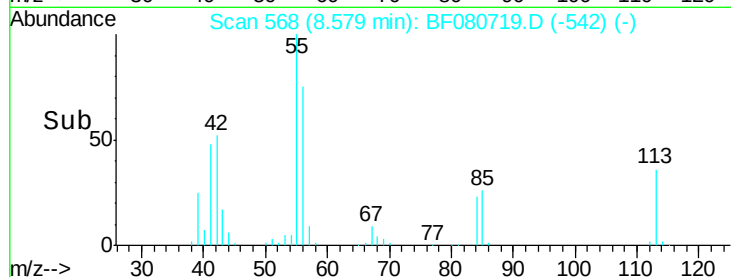
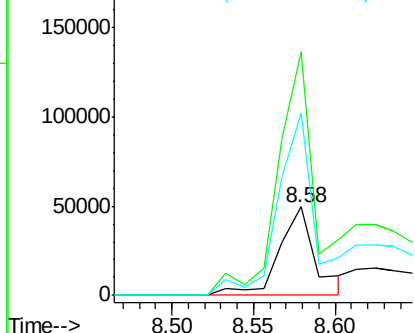
#35
 Caprolactam
 Concen: 26.85 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:113 Resp: 76166
 Ion Ratio Lower Upper
 113 100
 55 275.6 269.3 309.3
 56 206.7 193.3 233.3

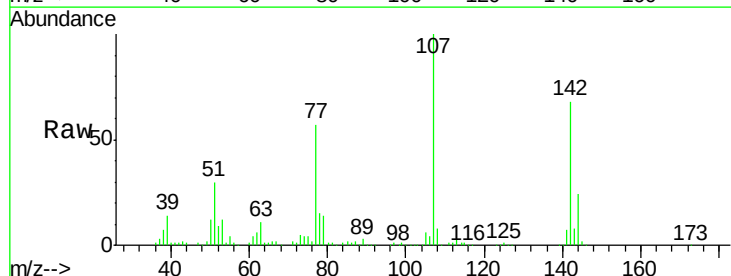


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

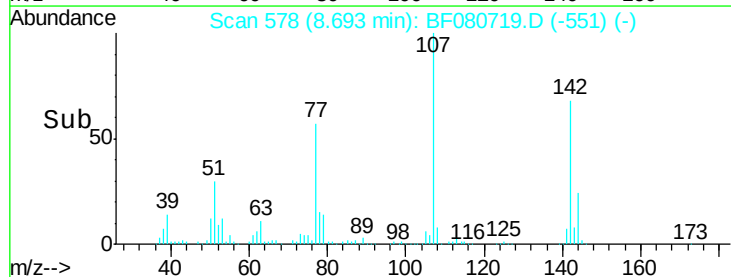
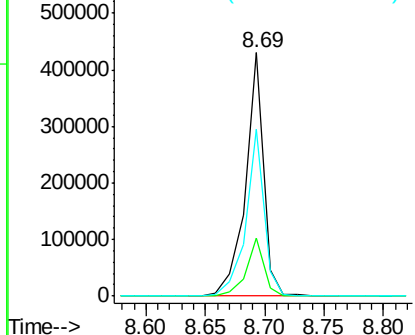


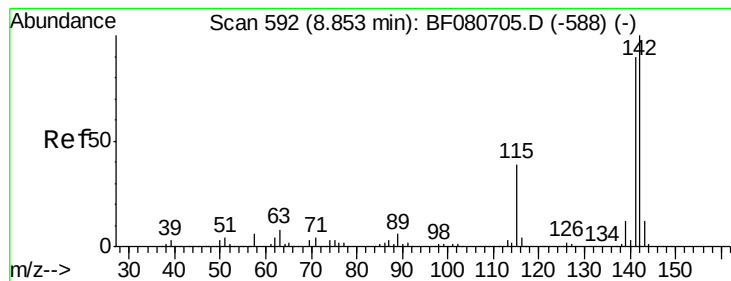
#36
 4-Chloro-3-methylphenol
 Concen: 45.09 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:107 Resp: 460556
 Ion Ratio Lower Upper
 107 100
 144 23.9 17.2 25.8
 142 68.5 51.2 76.8



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





#37

2-Methylnaphthalene

Concen: 44.45 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

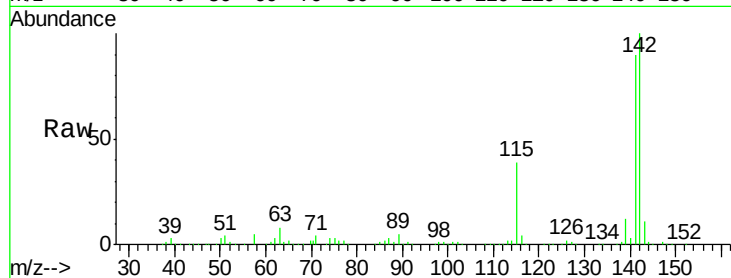
Tgt Ion:142 Resp: 941011

Ion Ratio Lower Upper

142 100

141 89.7 71.9 107.9

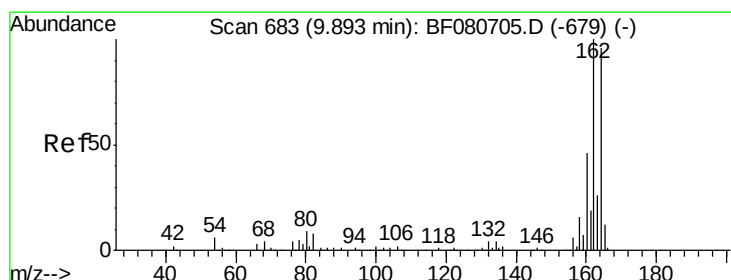
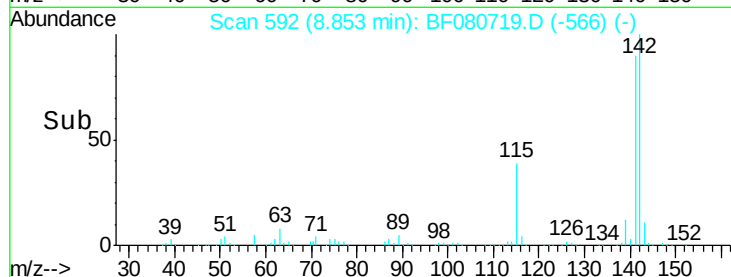
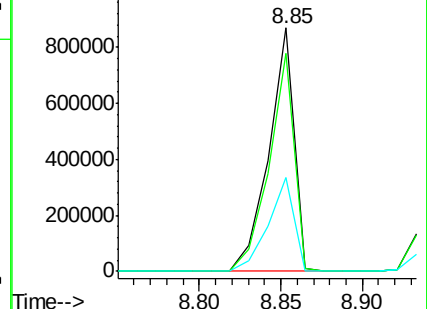
115 38.6 31.4 47.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

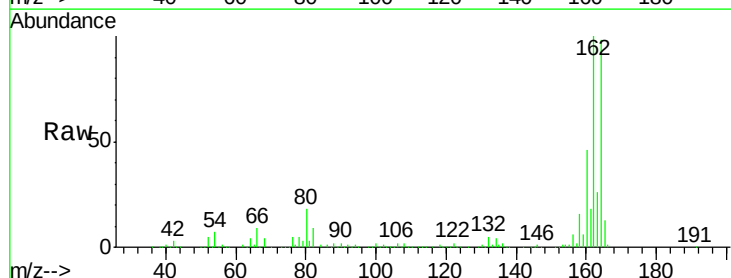
Tgt Ion:164 Resp: 357075

Ion Ratio Lower Upper

164 100

162 101.7 83.4 125.0

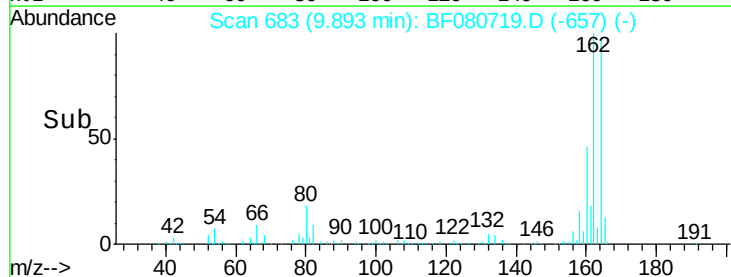
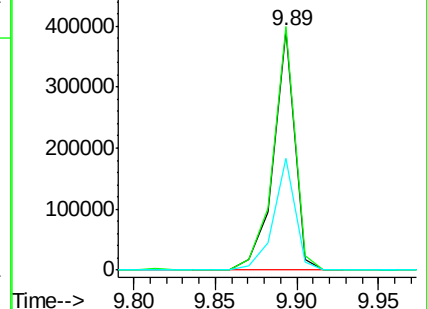
160 47.0 38.0 57.0

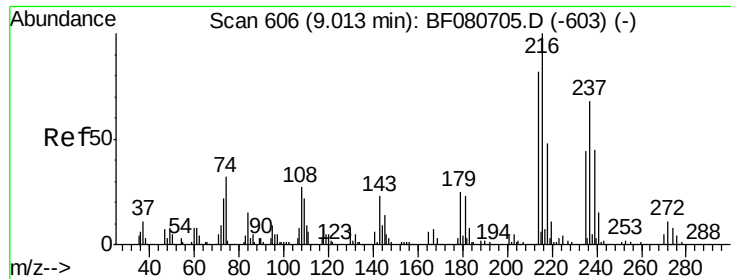


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

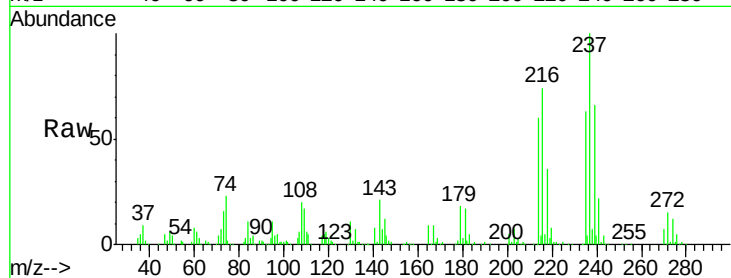




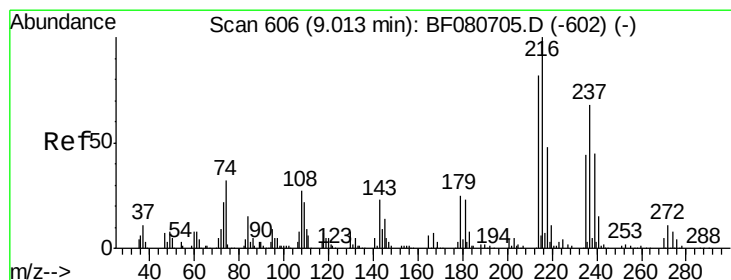
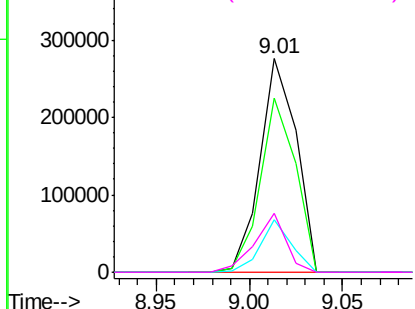
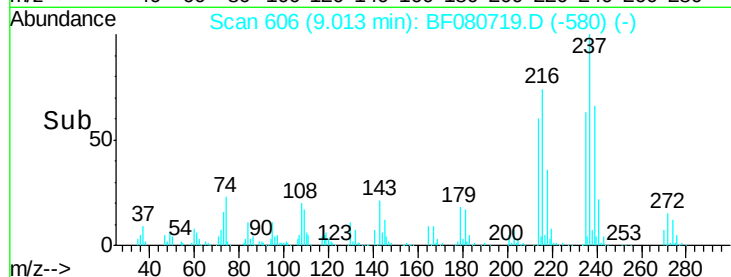
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.13 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion: 216 Resp: 371469
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.1 94.7
 179 21.5 16.9 25.3
 108 23.7 17.0 25.6

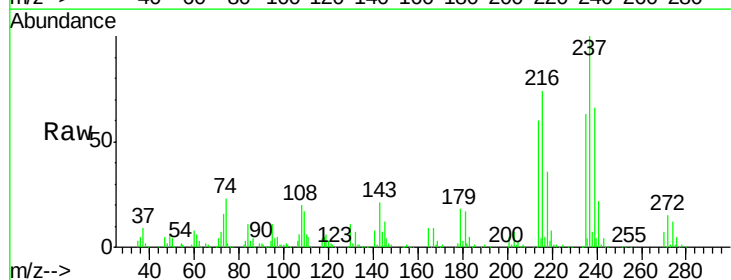


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

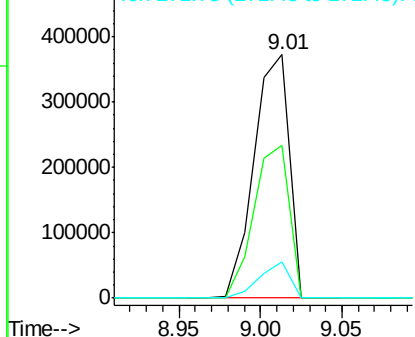
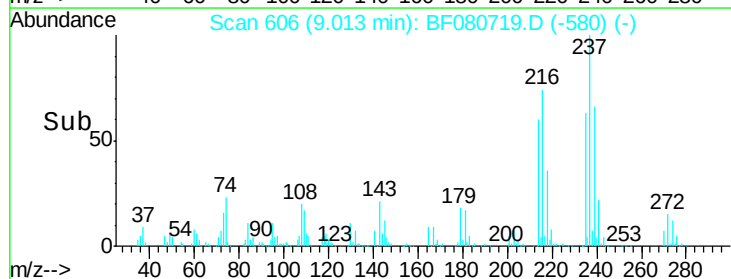


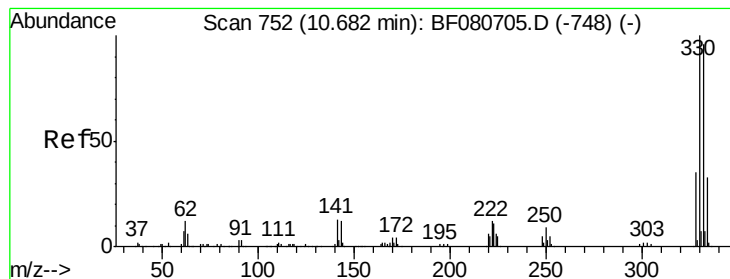
#40
 Hexachlorocyclopentadiene
 Concen: 81.08 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion: 237 Resp: 559369
 Ion Ratio Lower Upper
 237 100
 235 62.5 44.3 84.3
 272 14.9 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

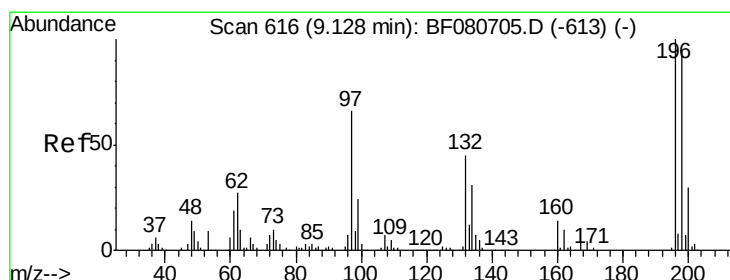
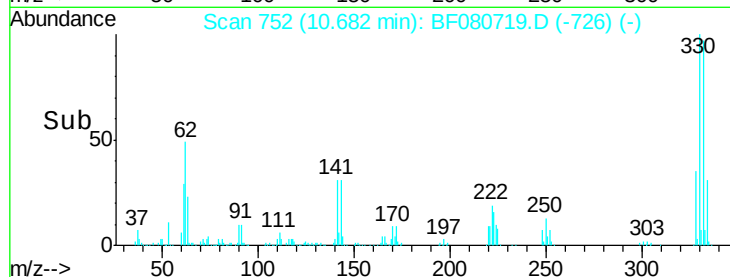
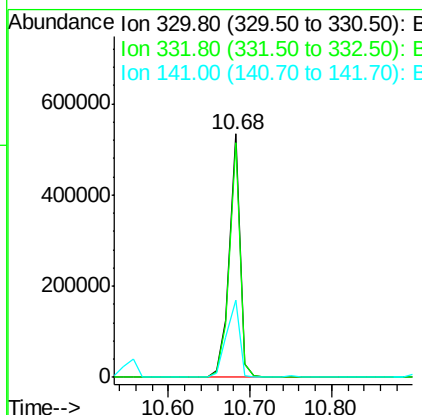
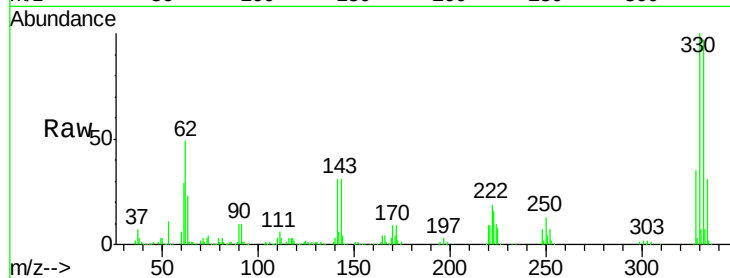




#41
 2,4,6-Tribromophenol
 Concen: 131.67 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

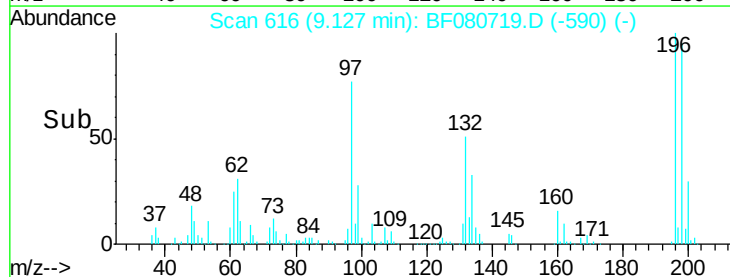
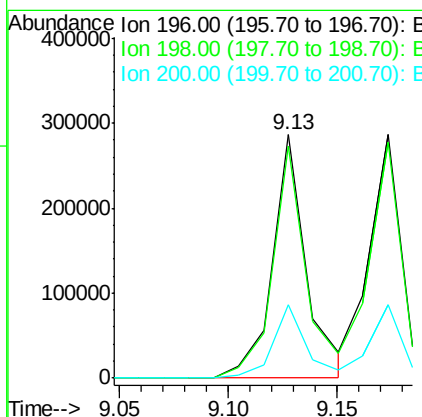
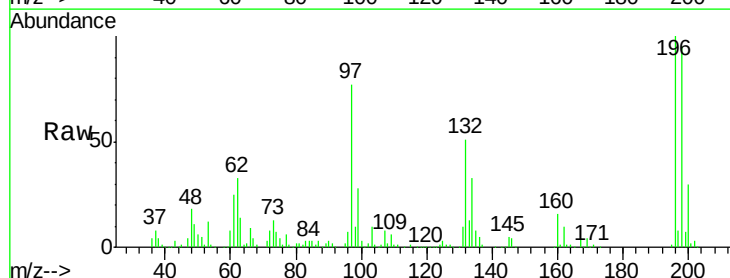
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

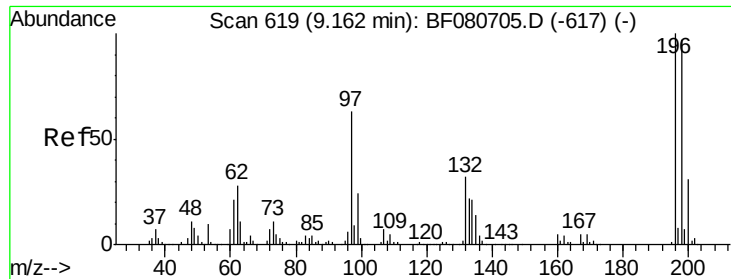
Tgt Ion:330 Resp: 487851
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 38.2 26.0 39.0



#42
 2,4,6-Trichlorophenol
 Concen: 40.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:196 Resp: 312917
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.8 113.8
 200 30.3 24.2 36.2

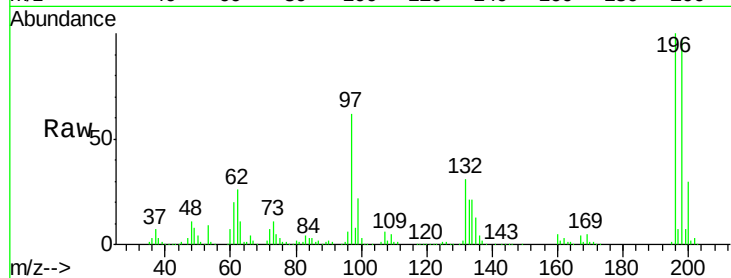




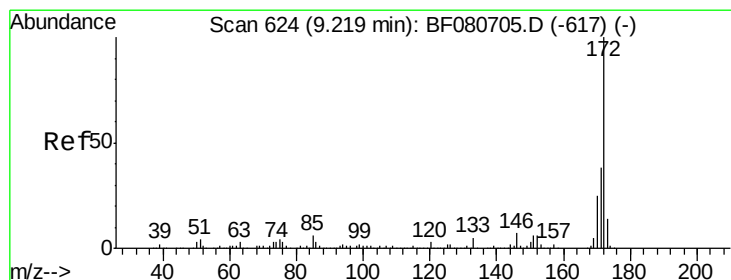
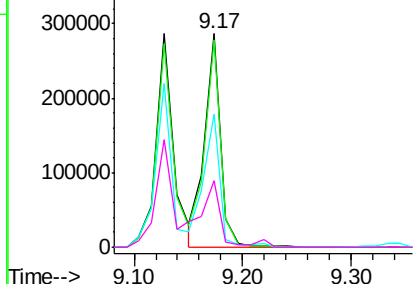
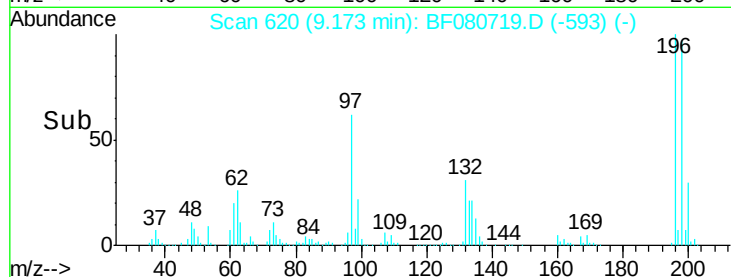
#43
 2,4,5-Trichlorophenol
 Concen: 38.17 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion	Resp	Lower	Upper
196	295352		
196	100		
198	97.0	77.8	116.8
97	62.1	49.0	73.4
132	30.9	25.4	38.0

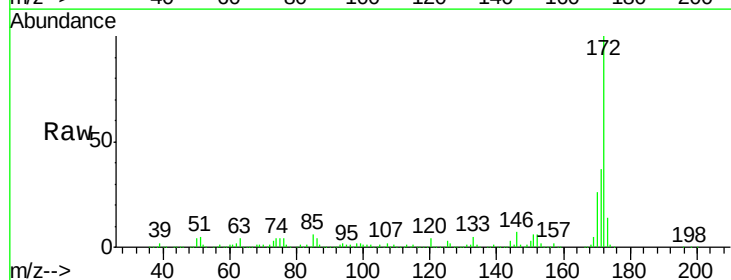


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

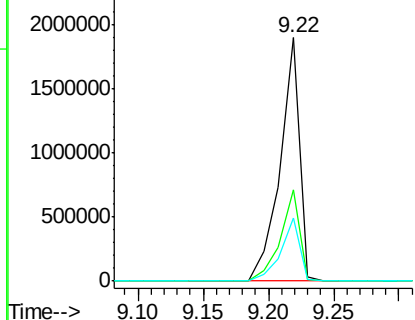
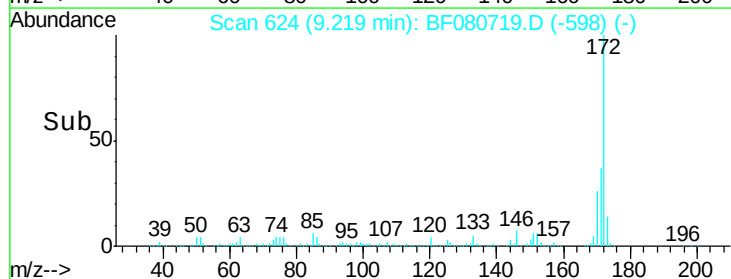


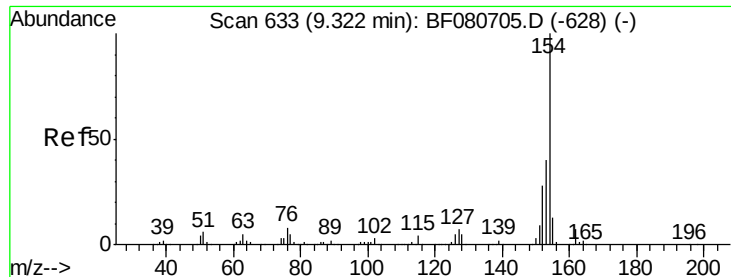
#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion	Resp	Lower	Upper
172	1989426		
172	100		
171	37.4	30.2	45.4
170	25.7	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

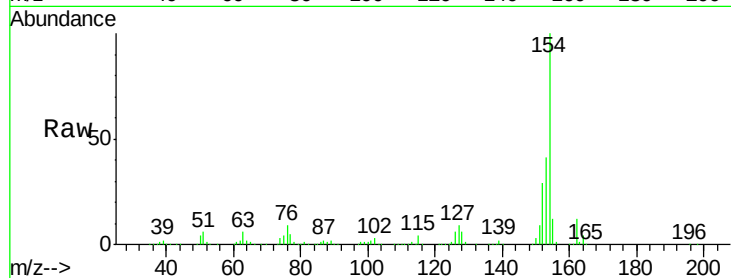




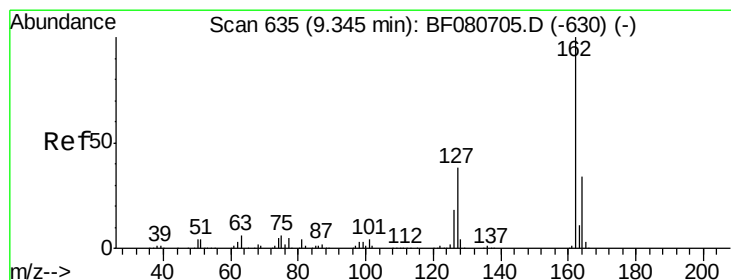
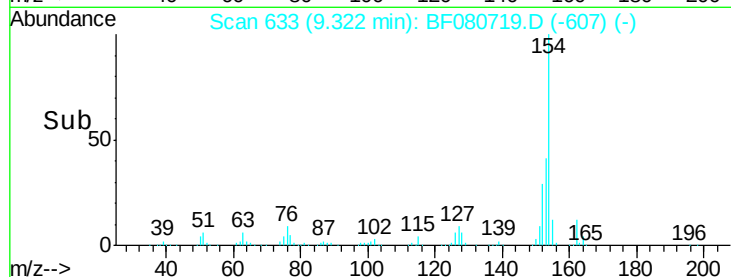
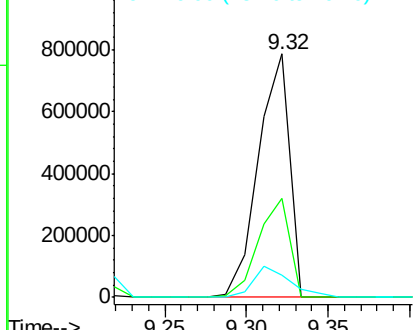
#45
 1,1'-Biphenyl
 Concen: 38.10 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:154 Resp: 1043171
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.9 59.9
 76 8.9 0.0 28.3

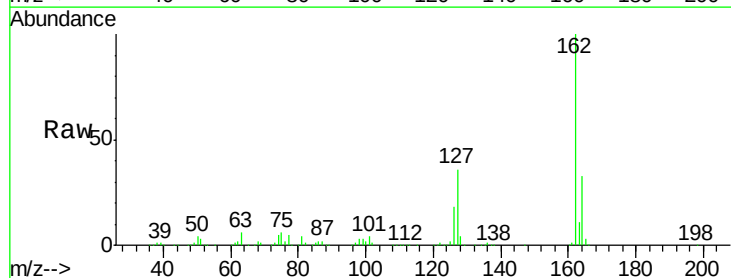


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

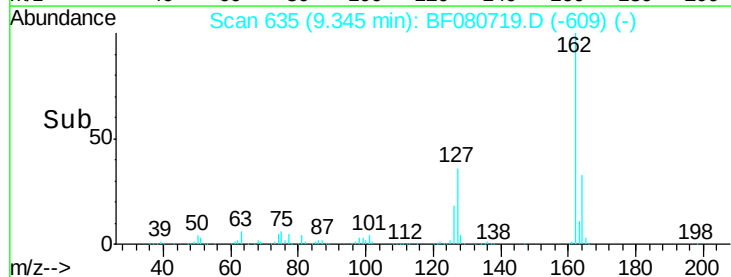
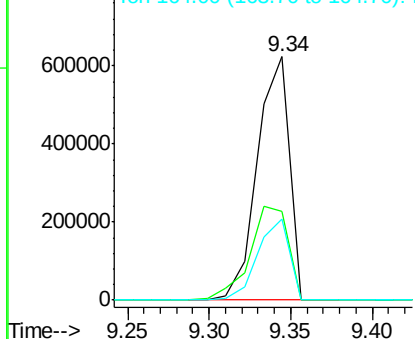


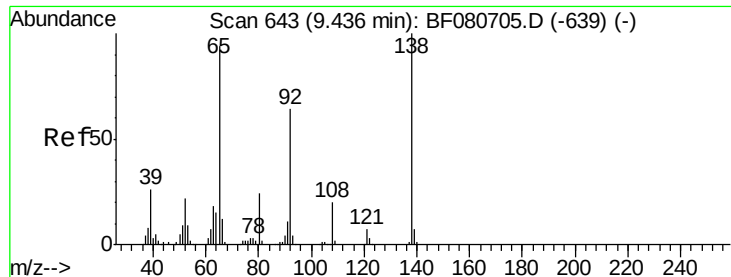
#46
 2-Chloronaphthalene
 Concen: 37.99 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:162 Resp: 849549
 Ion Ratio Lower Upper
 162 100
 127 36.4 30.2 45.4
 164 33.1 27.1 40.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.21 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

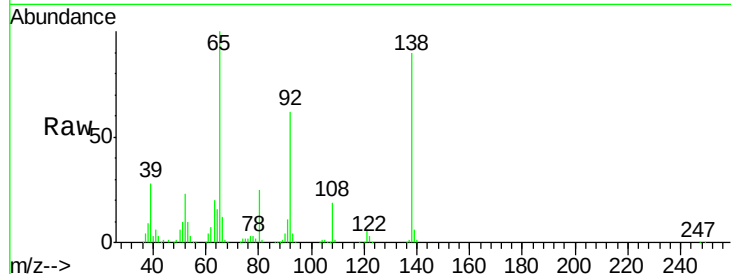
Tgt Ion: 65 Resp: 384660

Ion Ratio Lower Upper

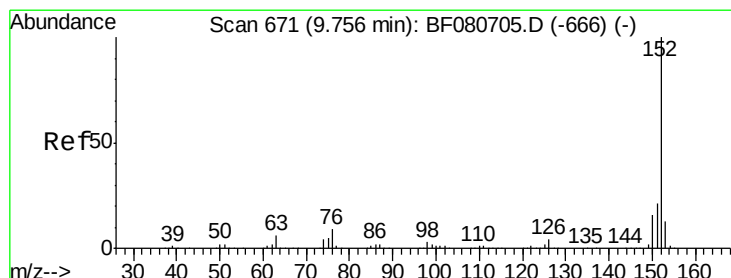
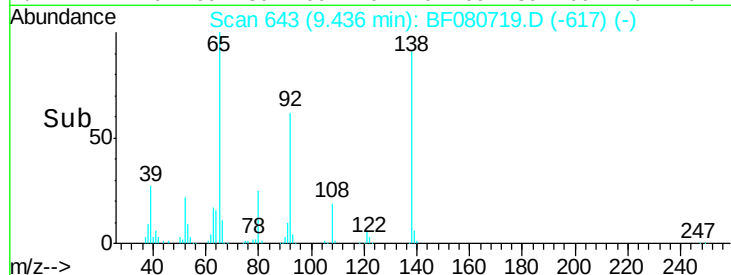
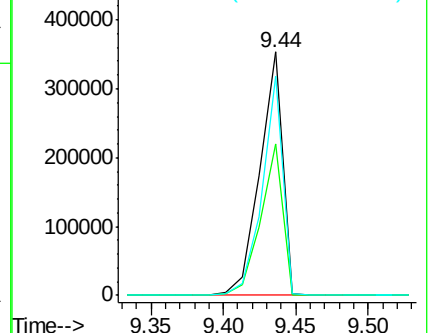
65 100

92 62.1 54.9 82.3

138 90.3 85.1 127.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.84 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

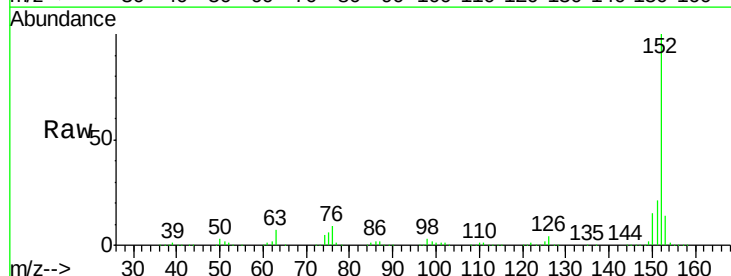
Tgt Ion: 152 Resp: 1452147

Ion Ratio Lower Upper

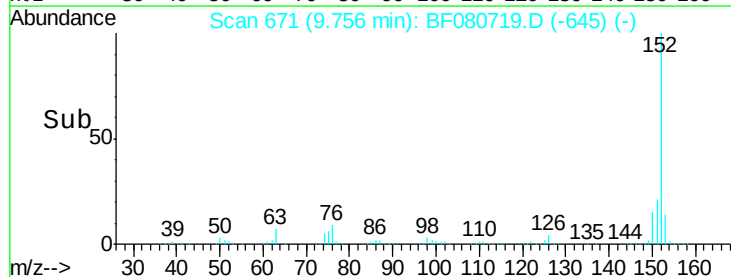
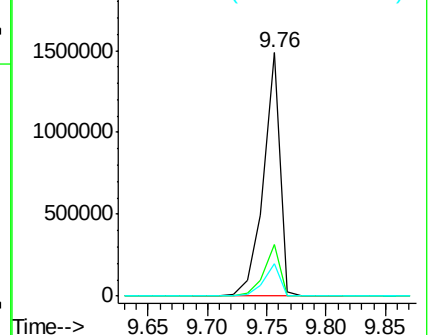
152 100

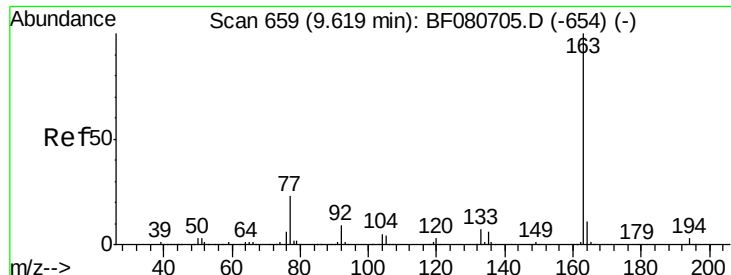
151 21.1 17.0 25.6

153 13.5 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

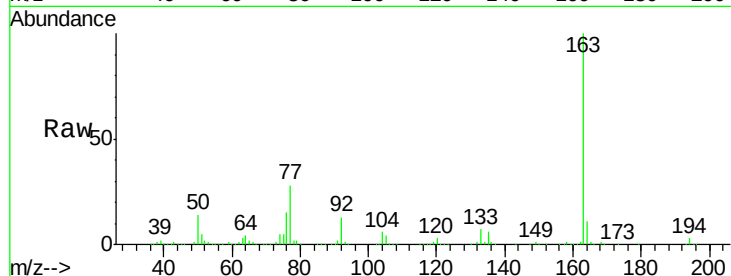




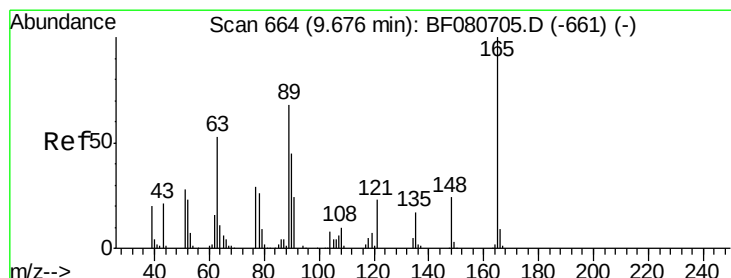
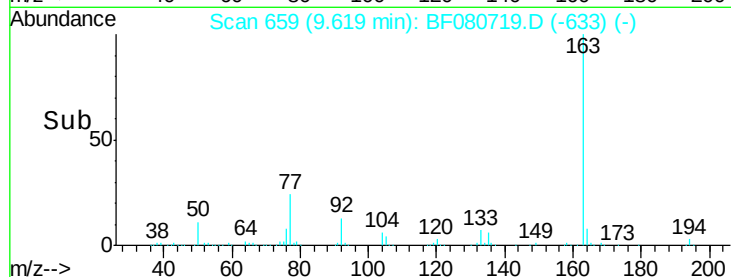
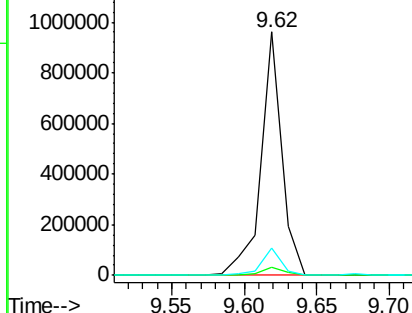
#49
Dimethylphthalate
Concen: 38.08 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion:163 Resp: 958331
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.0 8.7 13.1

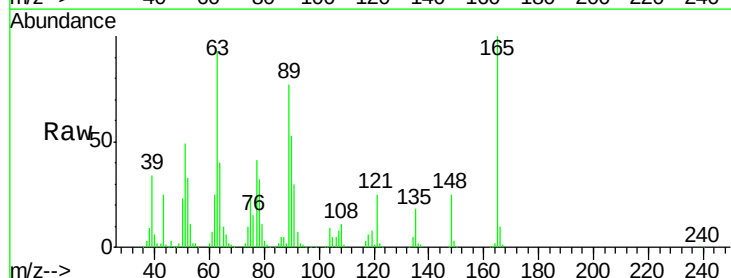


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

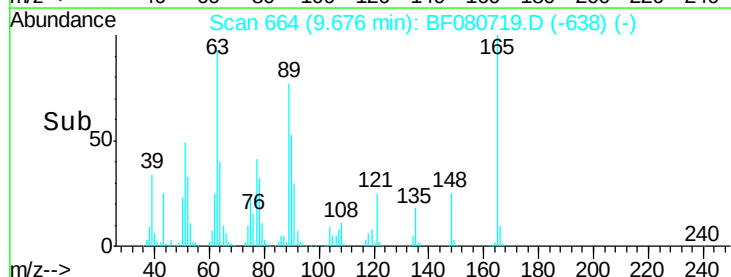
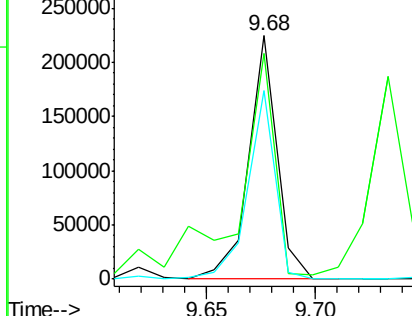


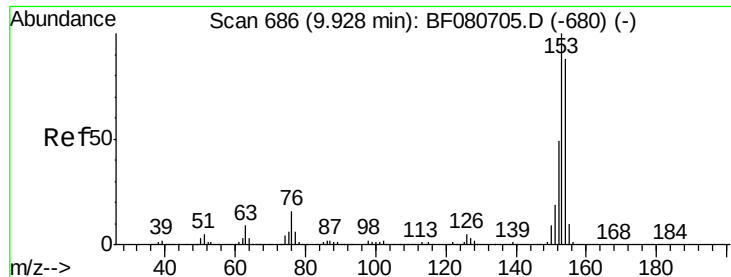
#50
2,6-Dinitrotoluene
Concen: 38.38 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:165 Resp: 204959
Ion Ratio Lower Upper
165 100
63 92.7 62.3 93.5
89 77.3 54.8 82.2



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





#51

Acenaphthene

Concen: 46.67 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

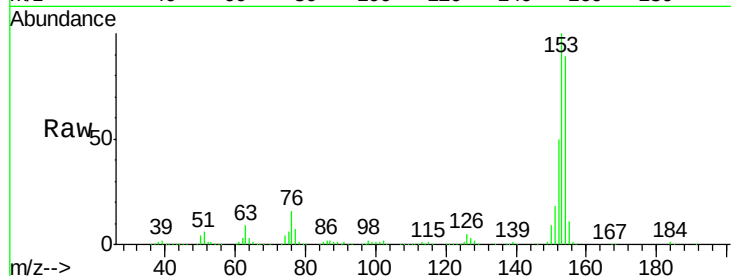
Tgt Ion:154 Resp: 1012477

Ion Ratio Lower Upper

154 100

153 112.4 90.7 136.1

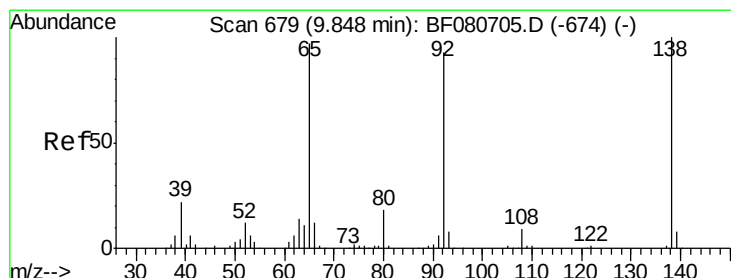
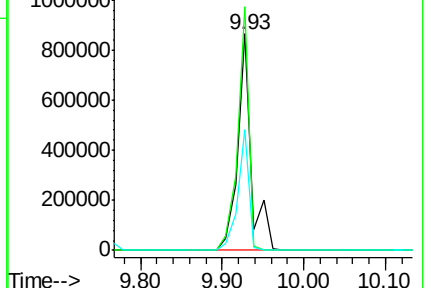
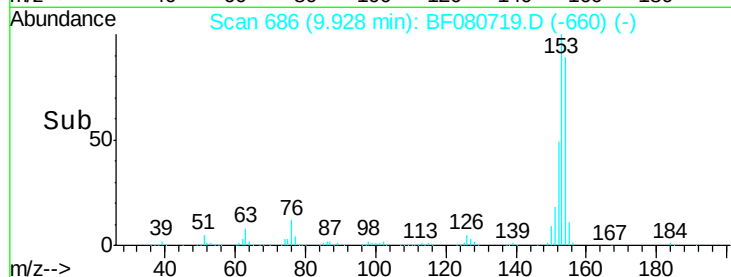
152 55.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.77 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

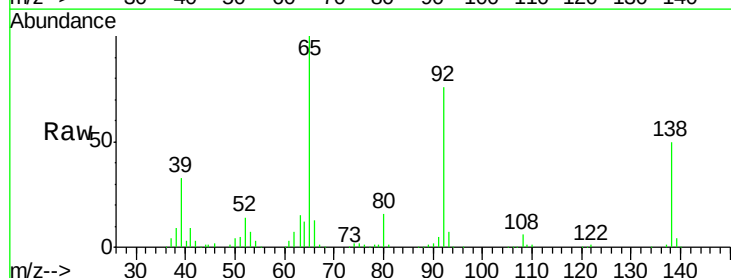
Tgt Ion:138 Resp: 134180

Ion Ratio Lower Upper

138 100

108 12.2 6.9 10.3#

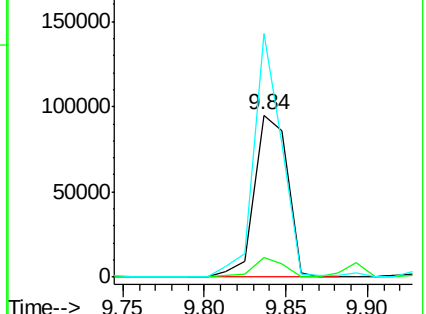
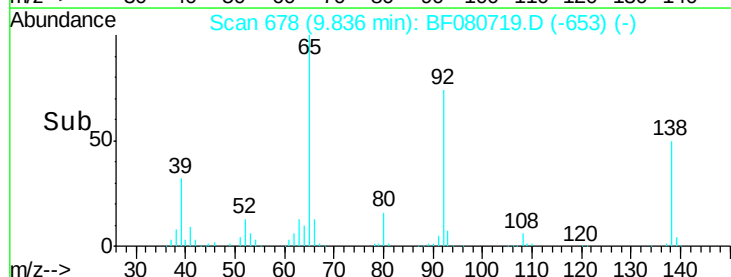
92 150.2 74.1 111.1#

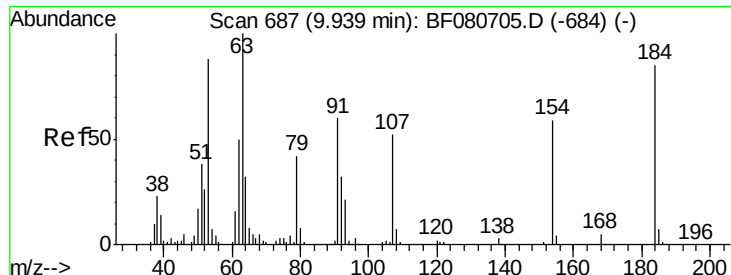


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

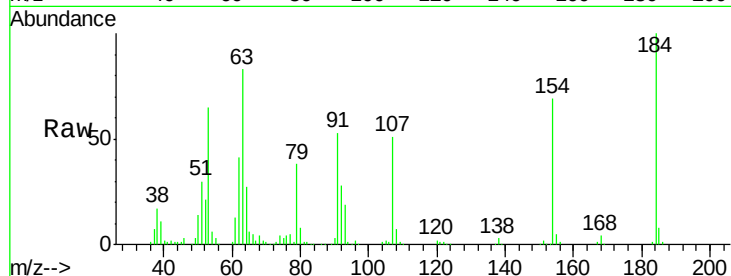




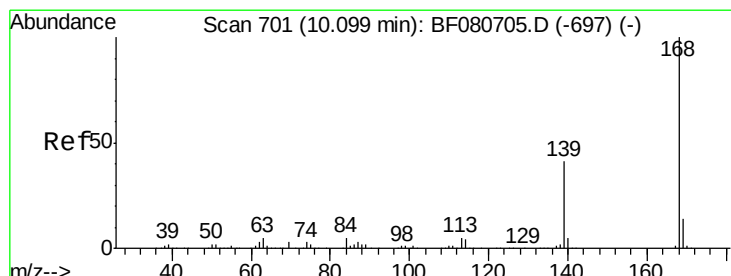
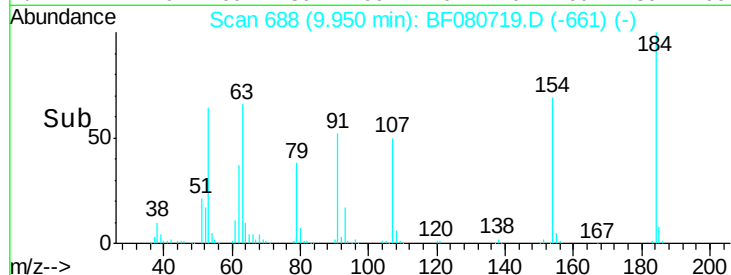
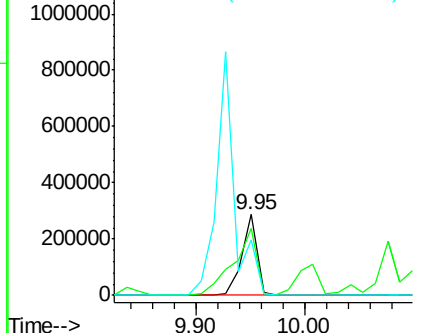
#53
 2,4-Dinitrophenol
 Concen: 95.50 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:184 Resp: 271622
 Ion Ratio Lower Upper
 184 100
 63 83.4 96.0 144.0#
 154 69.0 66.0 99.0

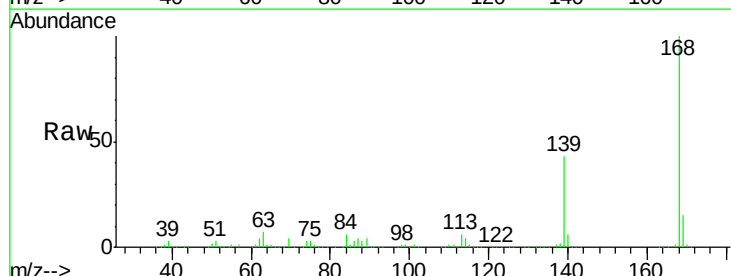


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

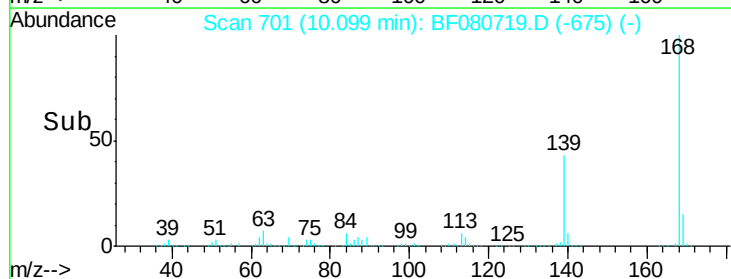
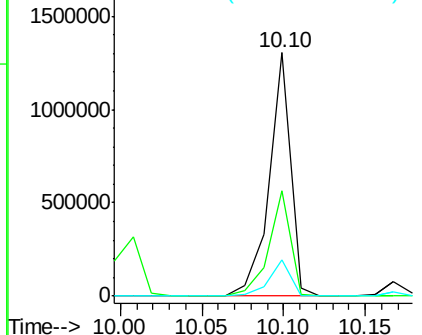


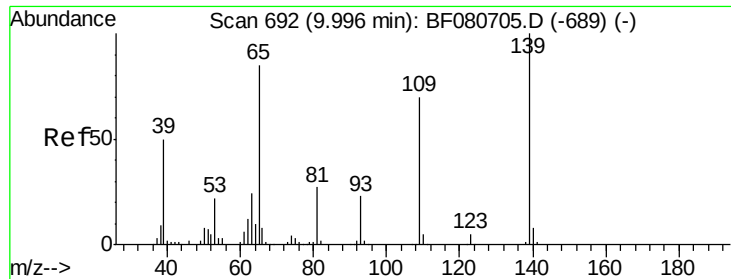
#54
 Dibenzofuran
 Concen: 41.05 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:168 Resp: 1191005
 Ion Ratio Lower Upper
 168 100
 139 43.2 33.0 49.6
 169 15.0 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

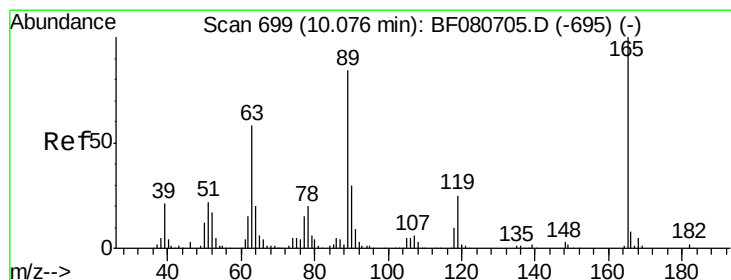
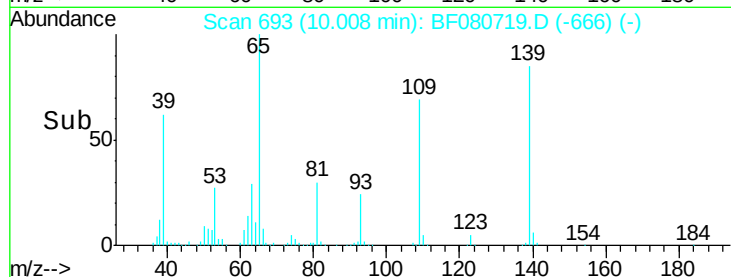
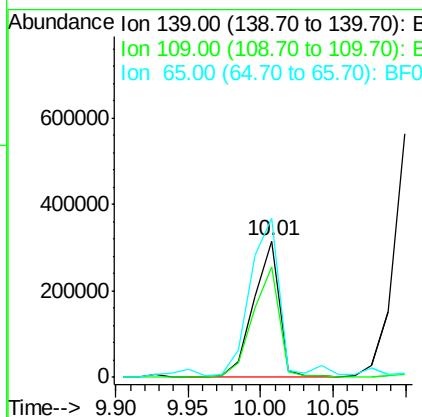
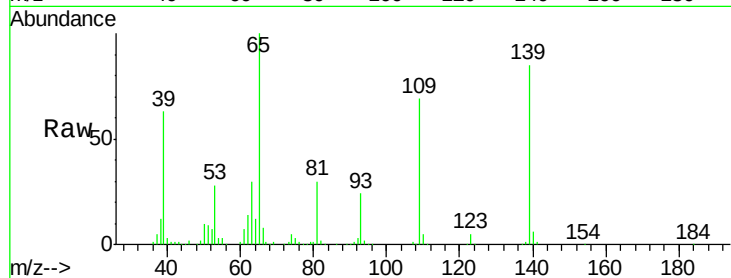




#55
4-Nitrophenol
Concen: 85.05 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

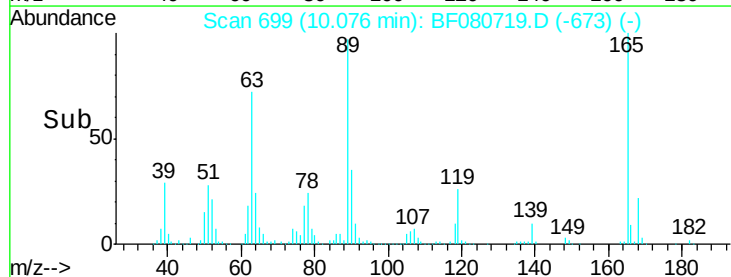
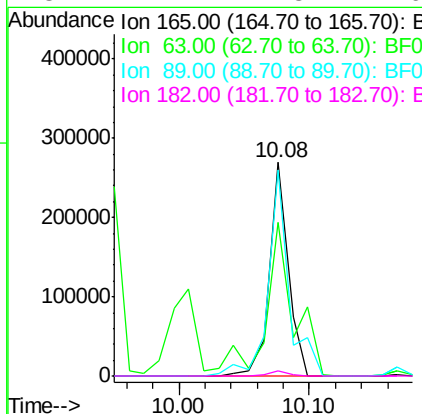
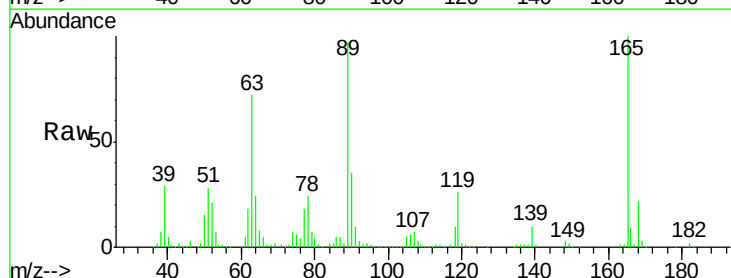
Instrument :
BNA_F
ClientSampleId :
PB84616BS

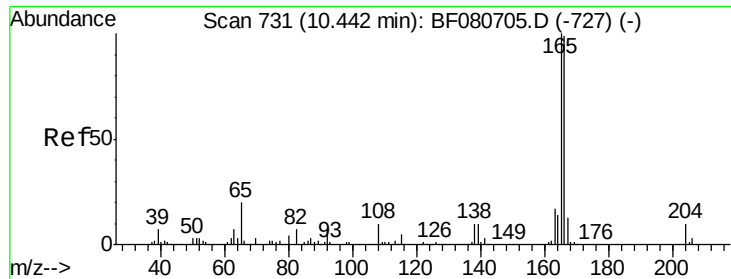
Tgt Ion:139 Resp: 386153
Ion Ratio Lower Upper
139 100
109 81.4 50.4 90.4
65 117.1 66.1 106.1#



#56
2,4-Dinitrotoluene
Concen: 39.06 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:165 Resp: 273515
Ion Ratio Lower Upper
165 100
63 71.7 46.7 70.1#
89 96.7 67.4 101.2
182 2.1 1.8 2.6

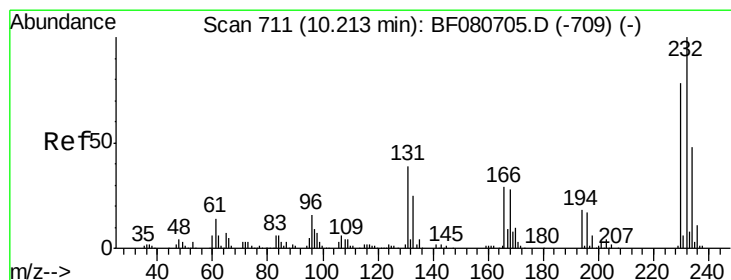
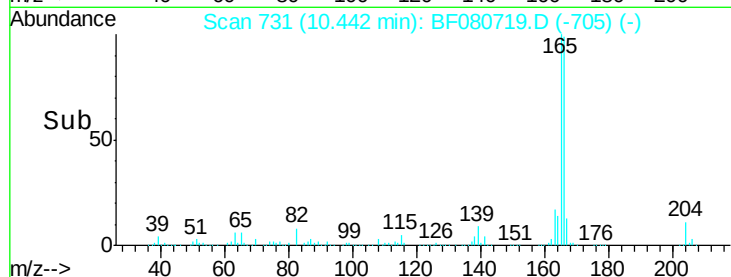
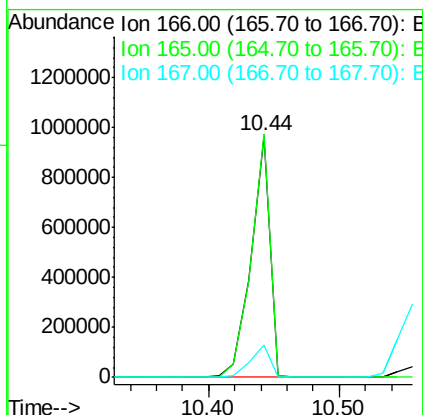
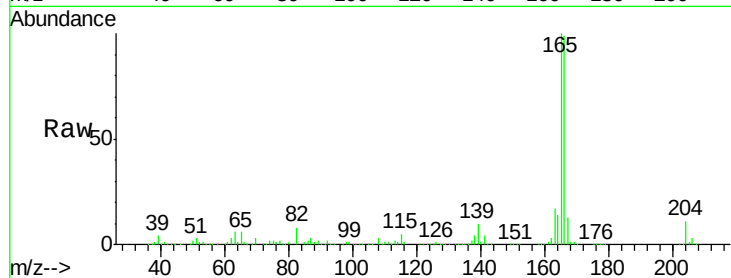




#57
 Fluorene
 Concen: 43.12 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

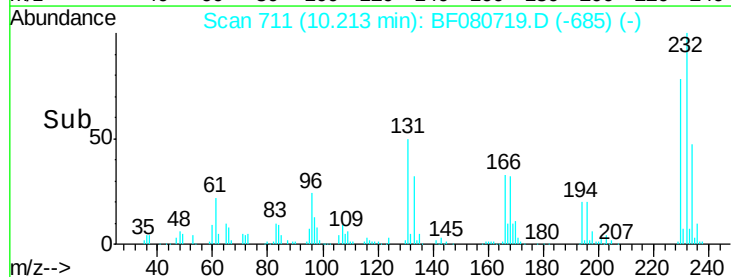
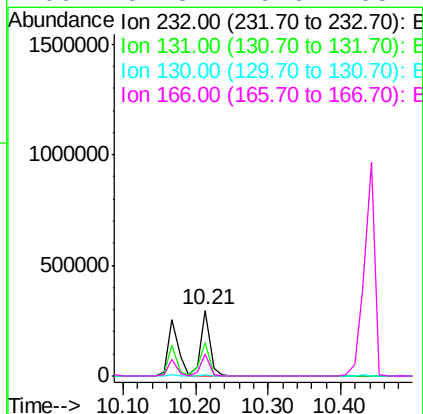
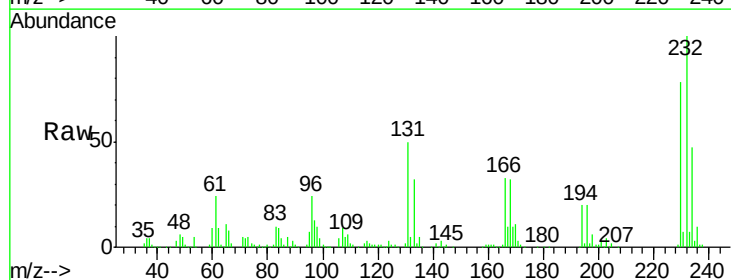
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

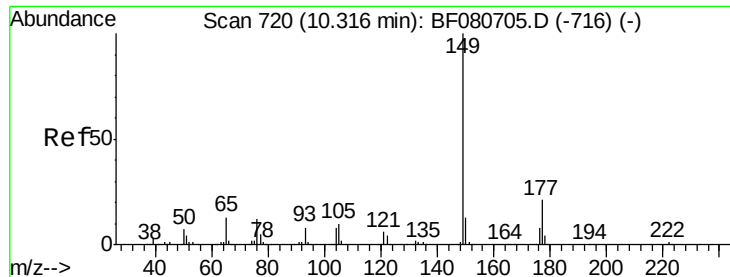
Tgt Ion:166 Resp: 970950
 Ion Ratio Lower Upper
 166 100
 165 100.9 81.0 121.4
 167 13.3 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.84 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:232 Resp: 267483
 Ion Ratio Lower Upper
 232 100
 131 51.6 38.2 57.2
 130 2.5 1.8 2.6
 166 32.3 25.6 38.4

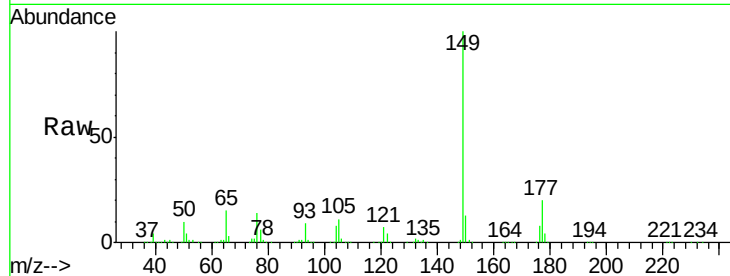




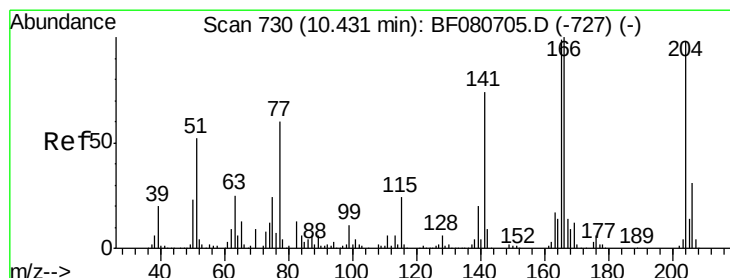
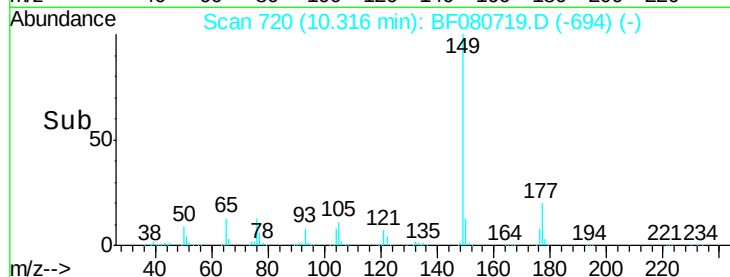
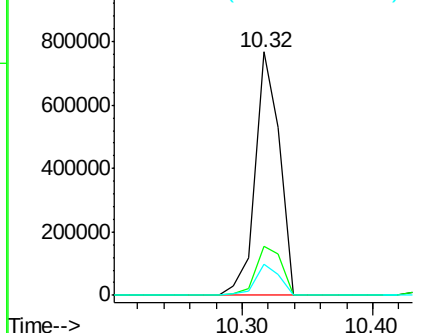
#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion:149 Resp: 995660
Ion Ratio Lower Upper
149 100
177 20.2 16.6 25.0
150 12.7 10.2 15.4

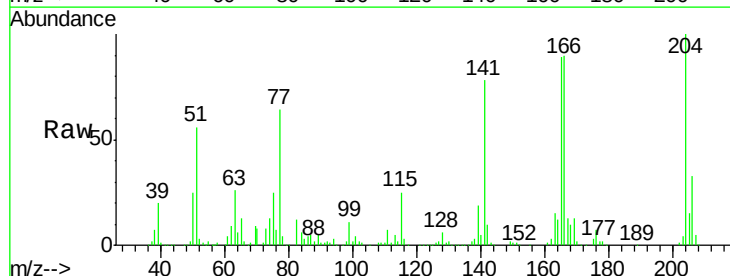


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

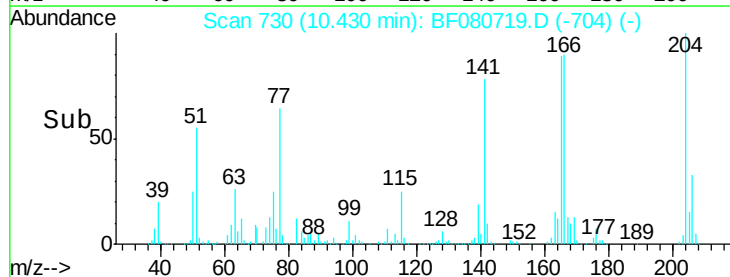
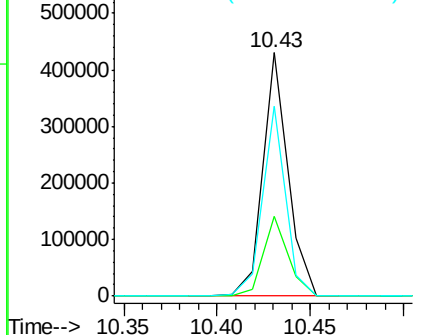


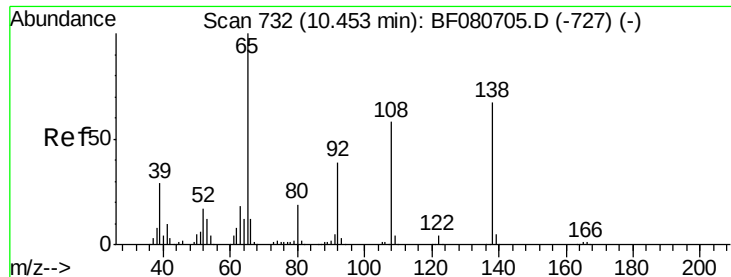
#60
4-Chlorophenyl-phenylether
Concen: 40.76 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:204 Resp: 398440
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 77.9 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

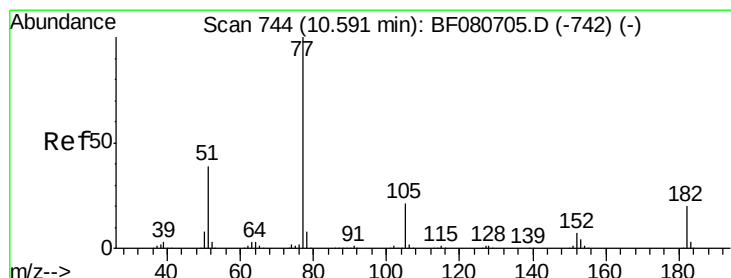
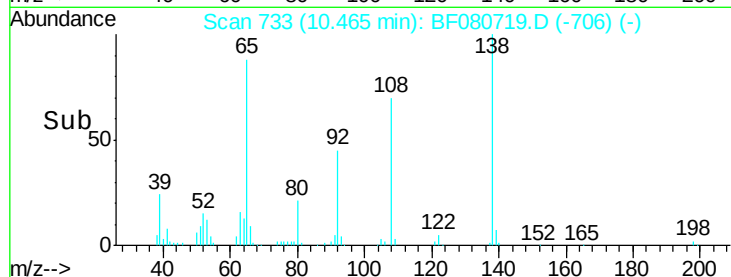
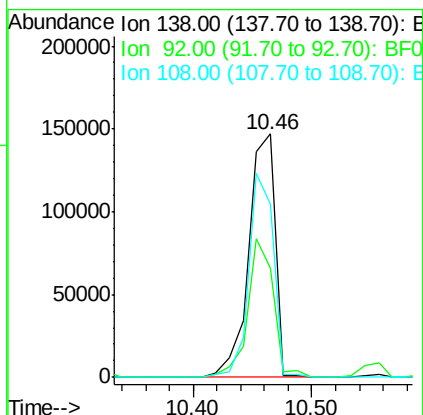
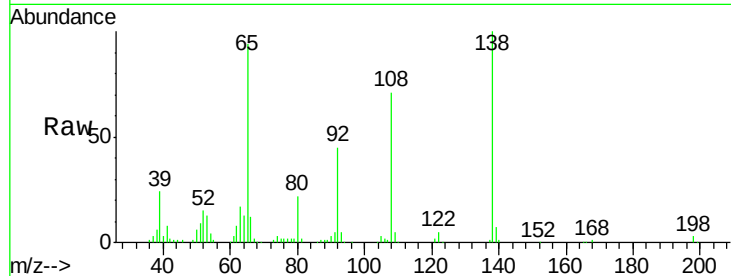




#61
4-Nitroaniline
Concen: 41.32 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

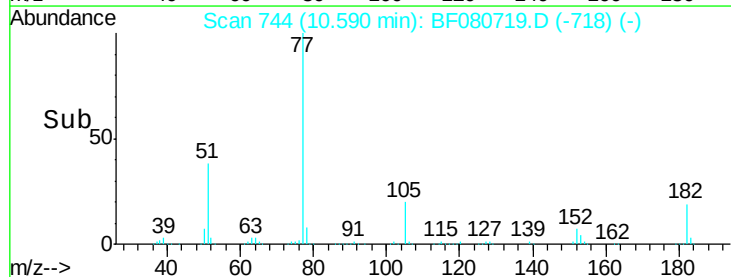
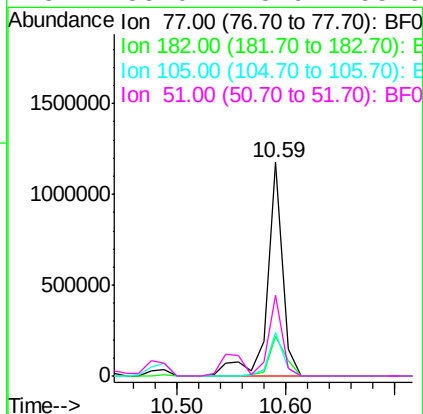
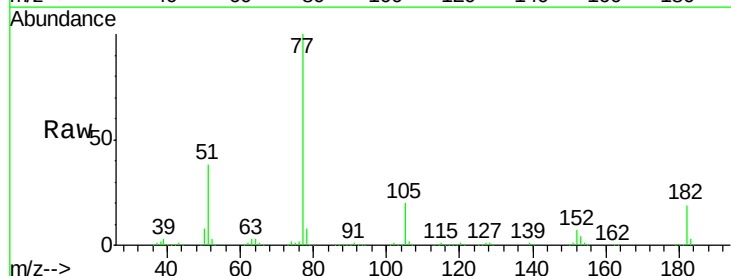
Instrument :
BNA_F
ClientSampleId :
PB84616BS

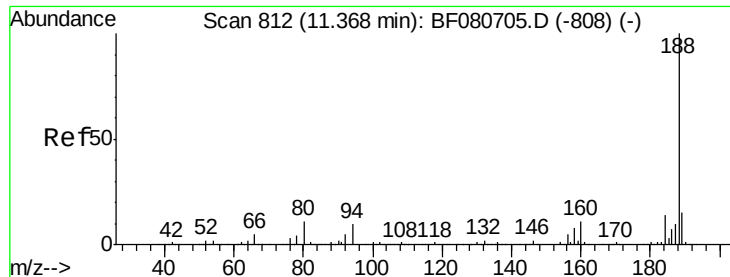
Tgt Ion:138 Resp: 229911
Ion Ratio Lower Upper
138 100
92 45.0 38.2 78.2
108 71.2 66.3 106.3



#62
Azobenzene
Concen: 44.28 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion: 77 Resp: 1163442
Ion Ratio Lower Upper
77 100
182 18.6 0.0 39.9
105 20.5 1.1 41.1
51 38.0 18.9 58.9

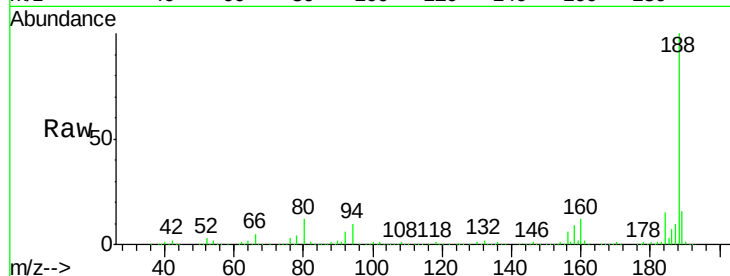




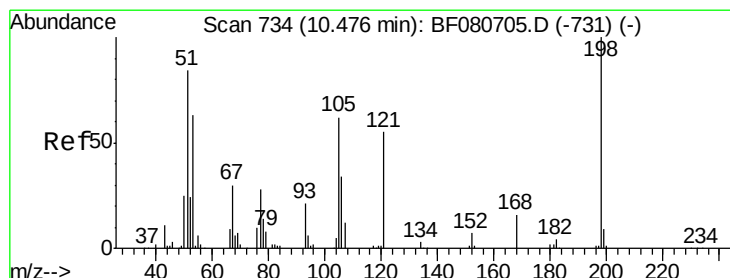
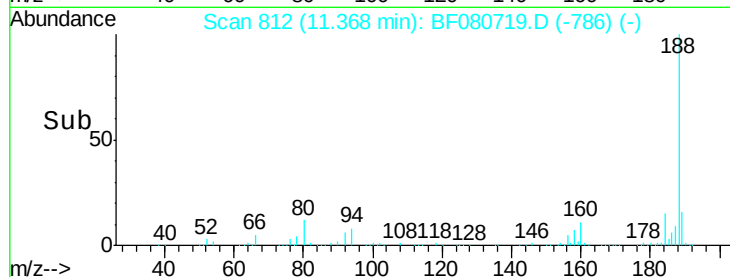
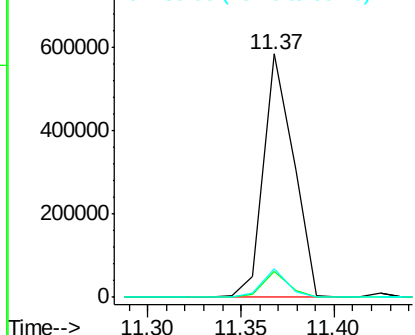
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Instrument :
BNA_F
ClientSampleId :
PB84616BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.8	9.1	13.7

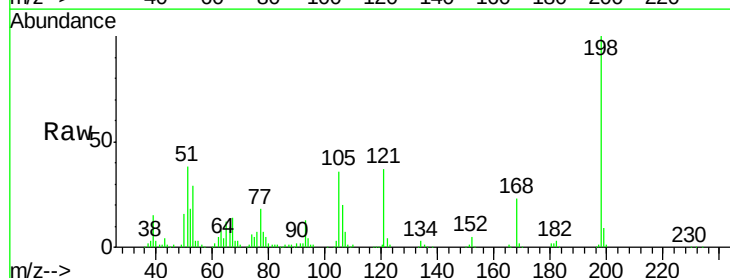


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

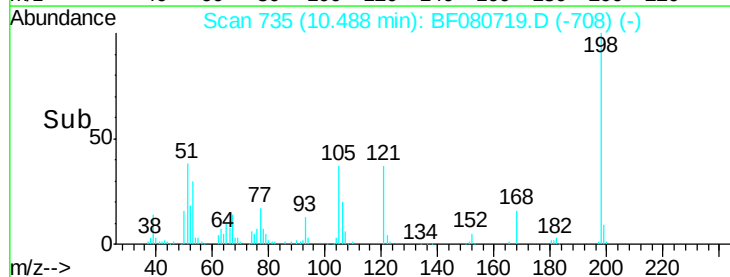
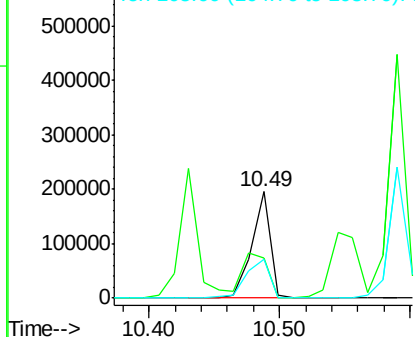


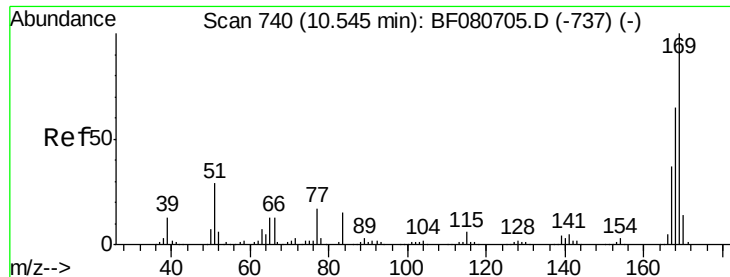
#64
4,6-Dinitro-2-methylphenol
Concen: 48.37 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.7	84.6	124.6#
105	36.3	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: 41.62 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

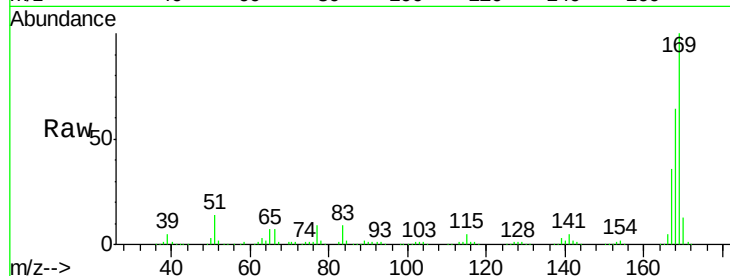
Tgt Ion:169 Resp: 890389

Ion Ratio Lower Upper

169 100

168 64.1 52.1 78.1

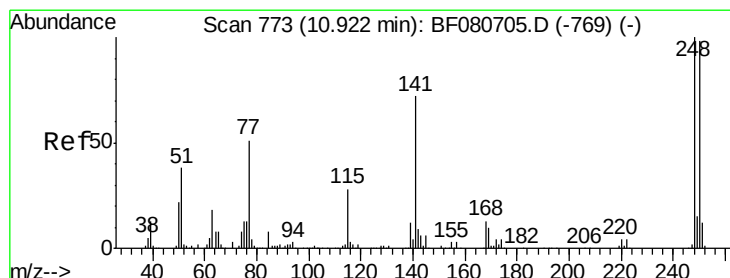
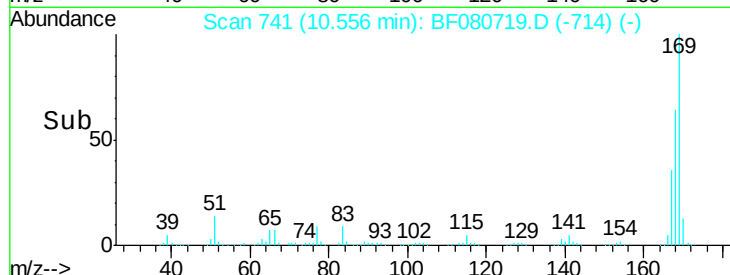
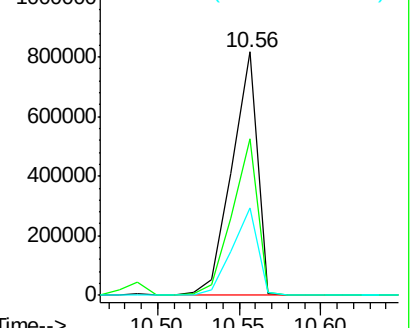
167 35.9 29.3 43.9



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: 44.19 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

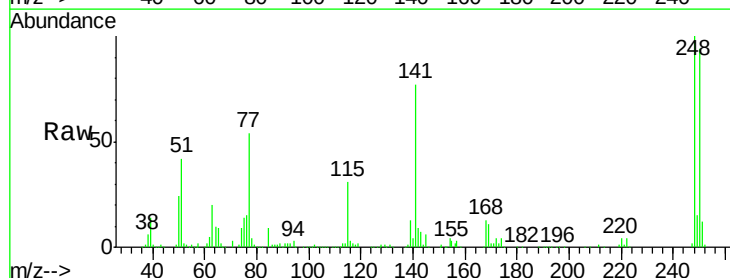
Tgt Ion:248 Resp: 297696

Ion Ratio Lower Upper

248 100

250 93.9 78.4 117.6

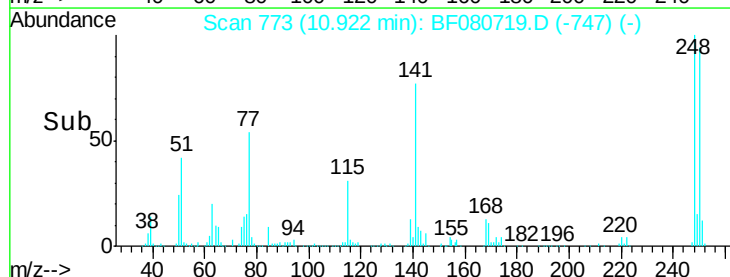
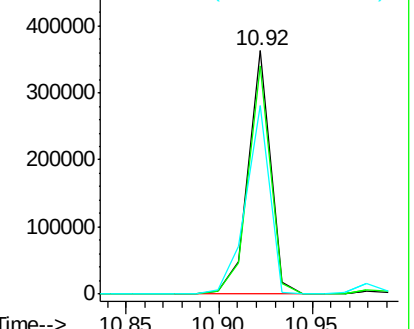
141 77.3 57.5 86.3

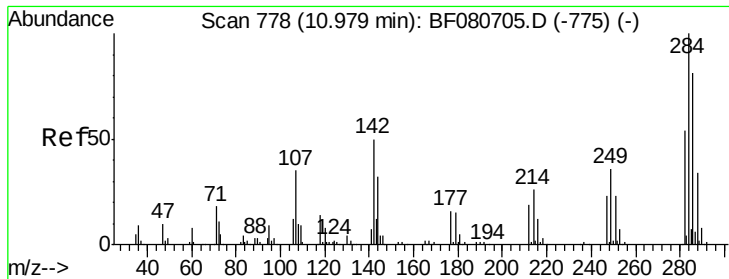


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.76 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

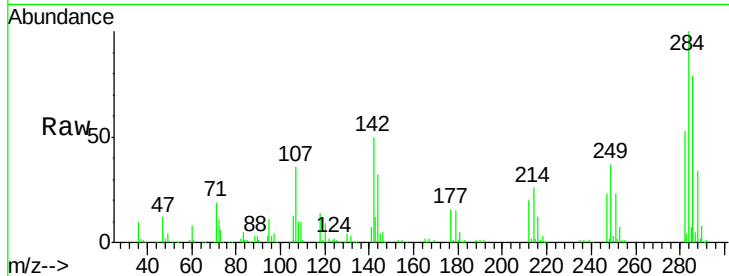
Tgt Ion:284 Resp: 317519

Ion Ratio Lower Upper

284 100

142 49.9 39.8 59.6

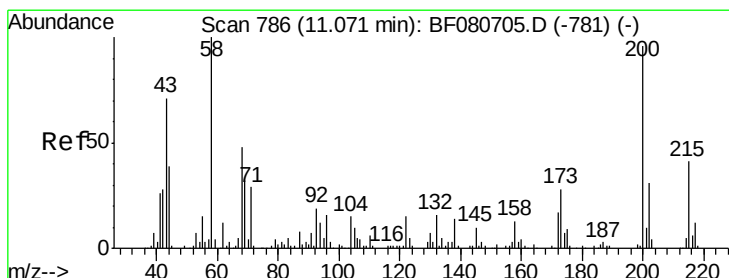
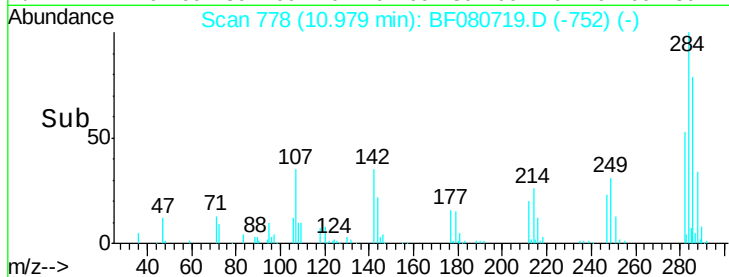
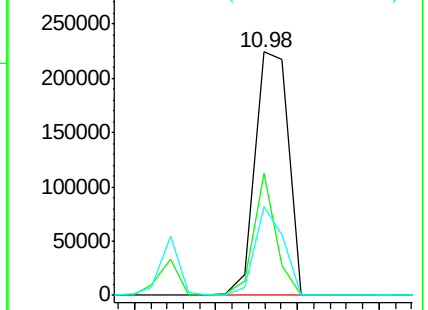
249 36.6 28.7 43.1



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: 13.37 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

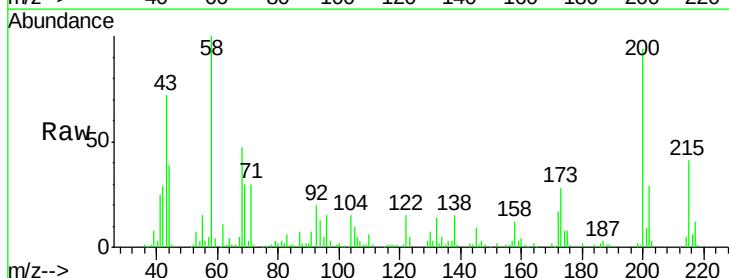
Tgt Ion:200 Resp: 87763

Ion Ratio Lower Upper

200 100

173 29.4 8.6 48.6

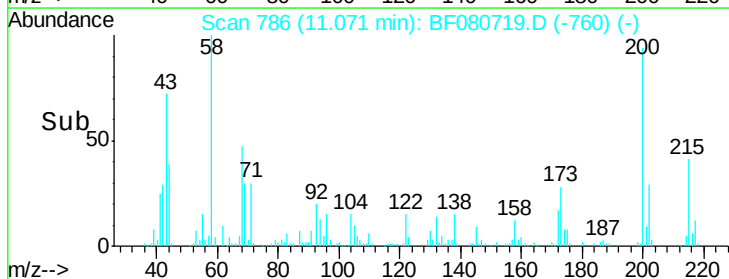
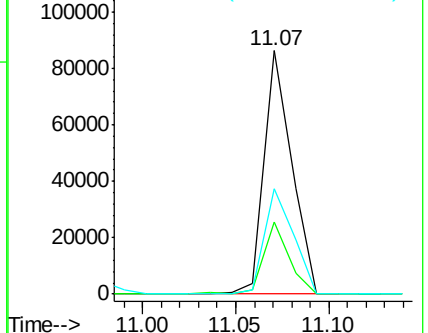
215 43.0 22.2 62.2

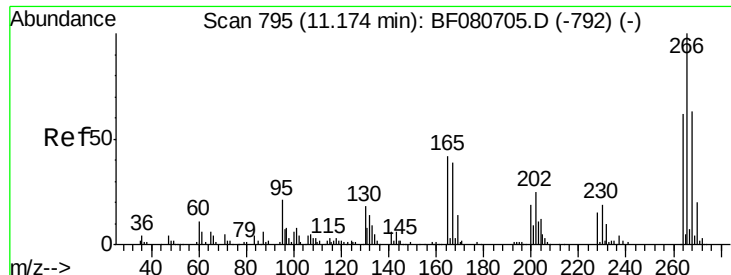


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

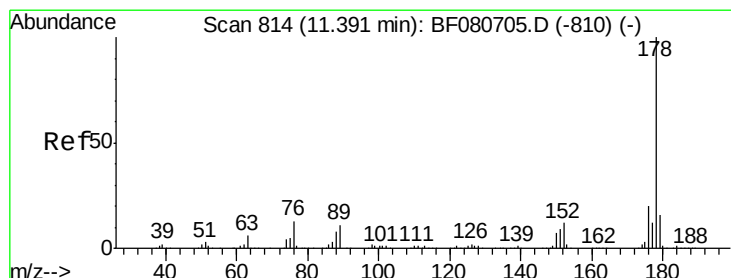
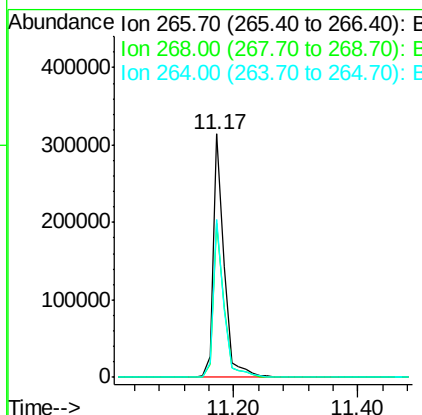
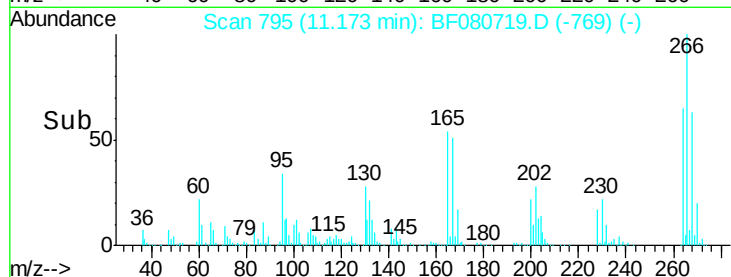
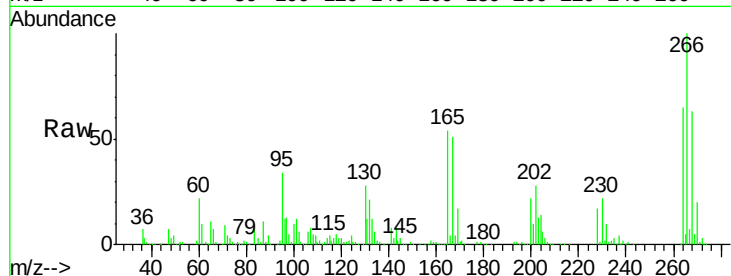




#69
 Pentachlorophenol
 Concen: 79.29 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

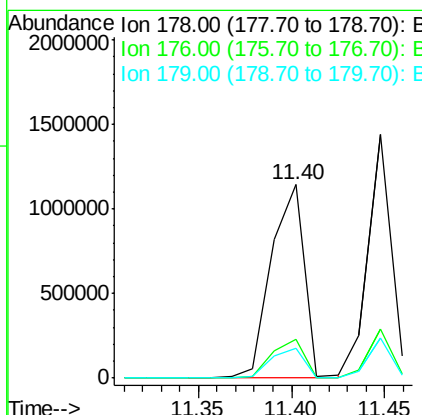
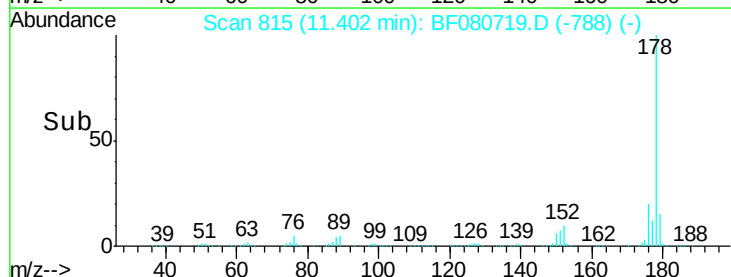
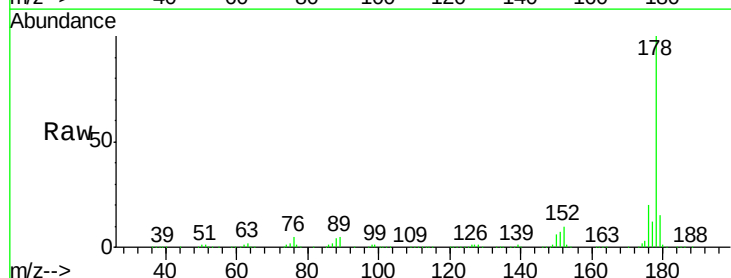
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

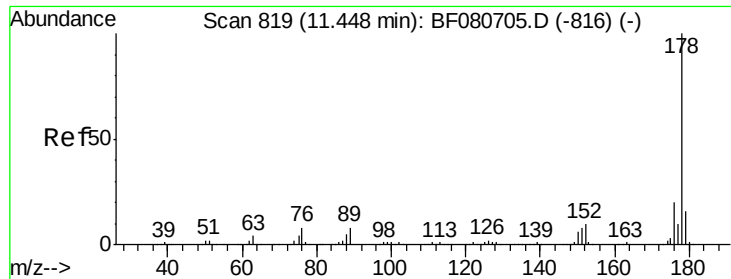
Tgt Ion:266 Resp: 373750
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.5 75.7
 264 65.1 50.0 75.0



#70
 Phenanthrene
 Concen: 42.71 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:178 Resp: 1404386
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.3 13.0 19.4

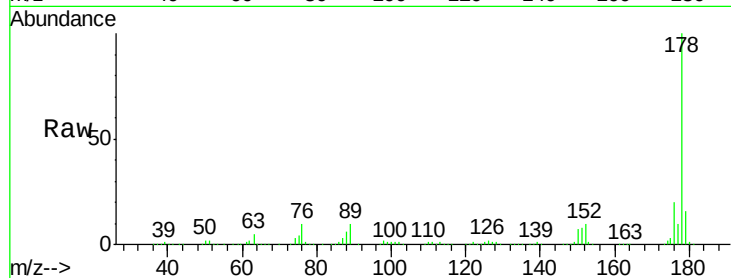




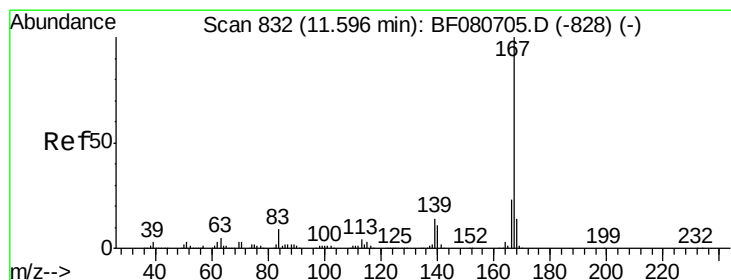
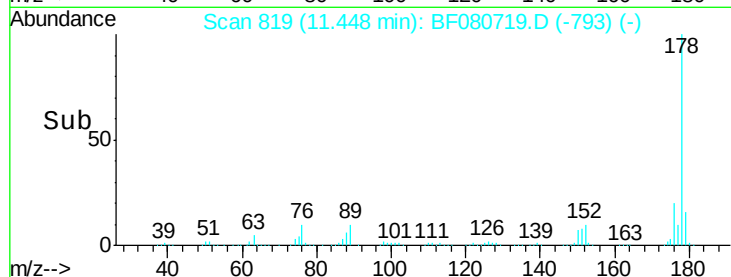
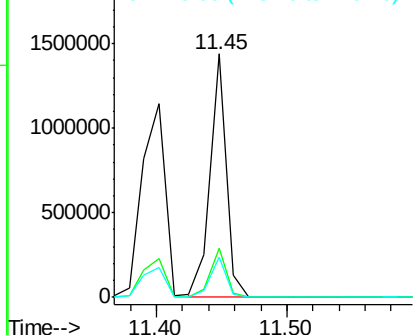
#71
 Anthracene
 Concen: 38.82 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:178 Resp: 1254033
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.9 23.9
 179 16.3 12.7 19.1

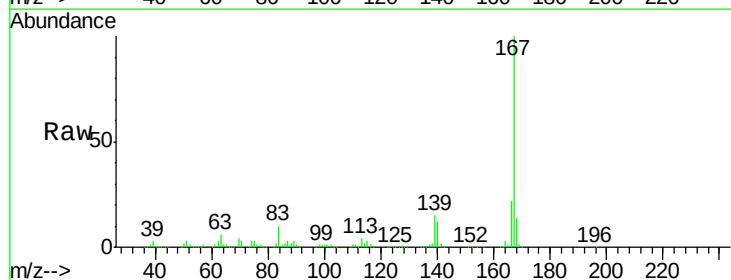


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

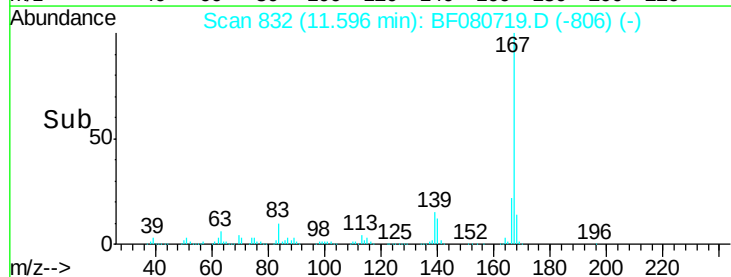
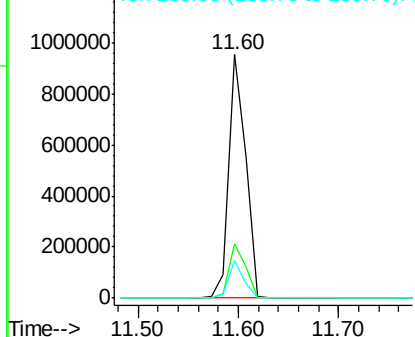


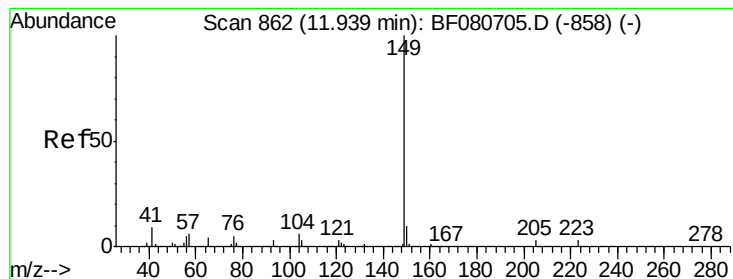
#72
 Carbazole
 Concen: 39.45 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:167 Resp: 1106201
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 15.5 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: 45.90 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

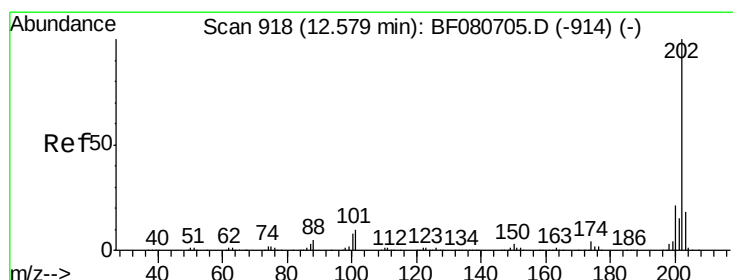
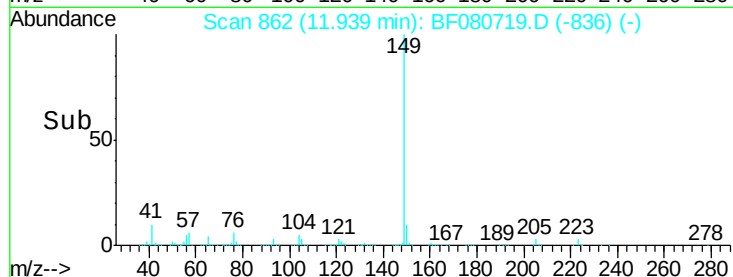
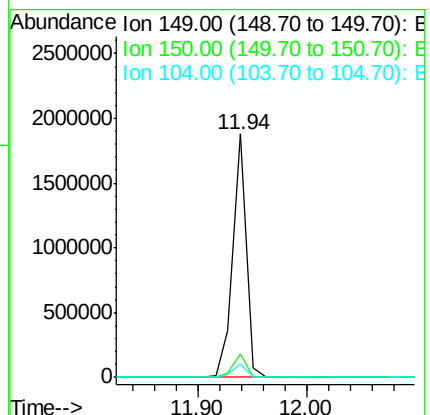
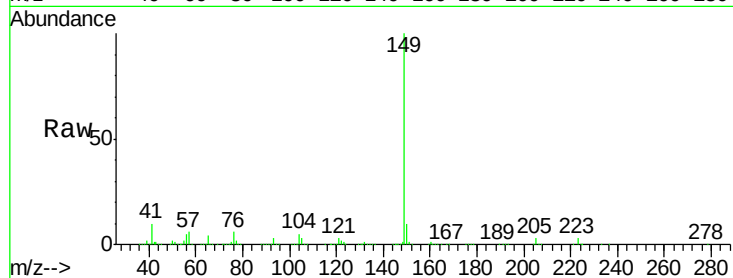
Tgt Ion:149 Resp: 1596145

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 5.4 4.4 6.6



#74

Fluoranthene

Concen: 43.39 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

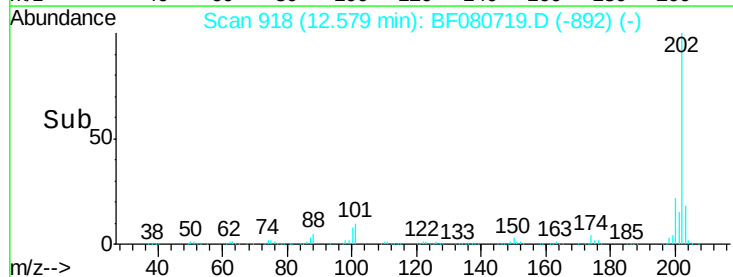
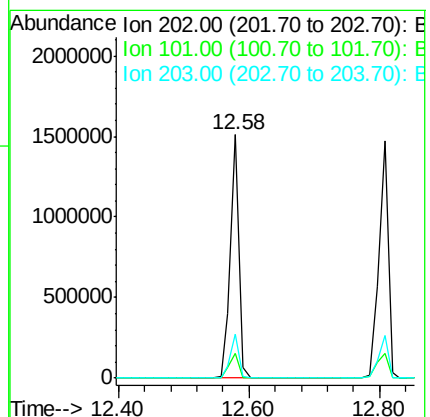
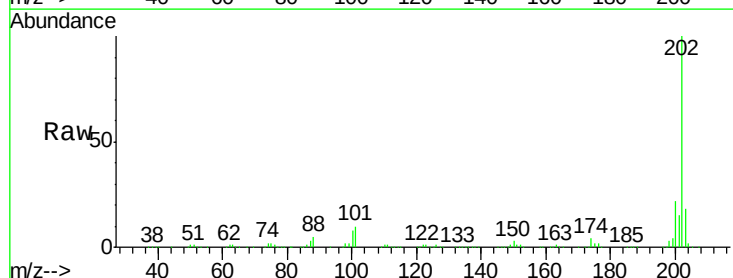
Tgt Ion:202 Resp: 1379265

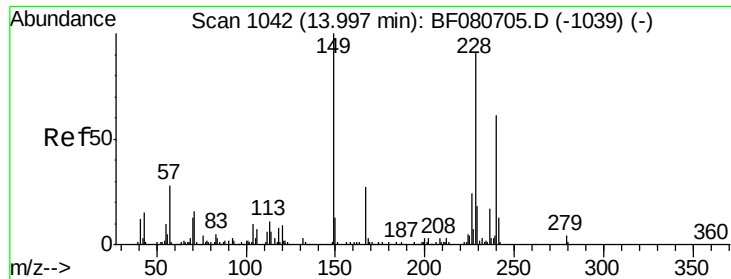
Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.6

203 17.9 0.0 37.8

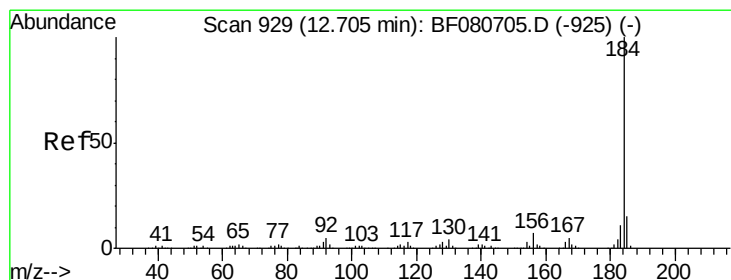
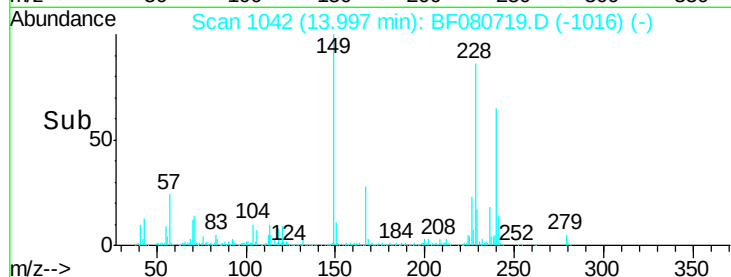
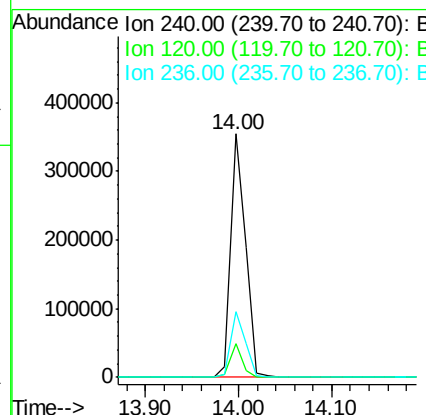
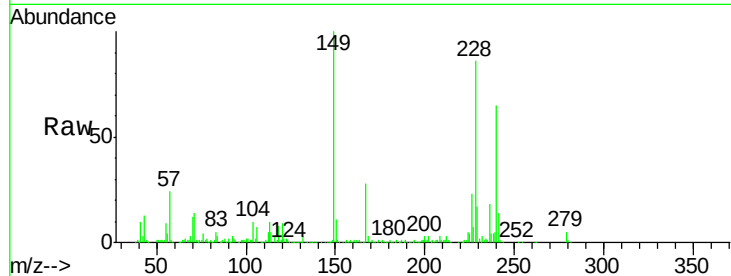




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

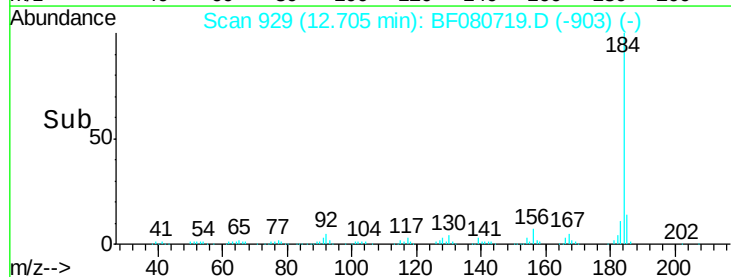
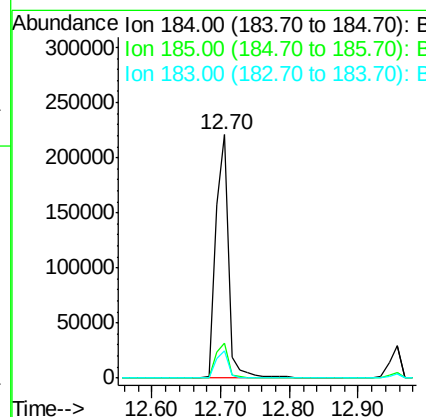
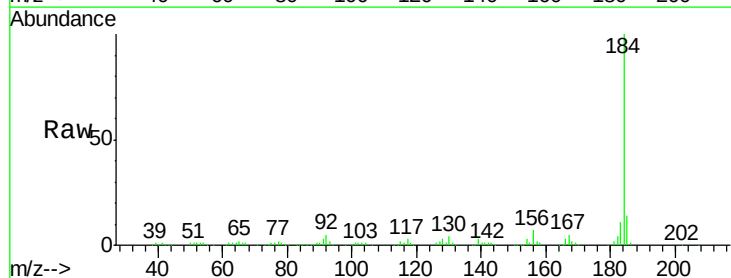
Instrument :
BNA_F
ClientSampleId :
PB84616BS

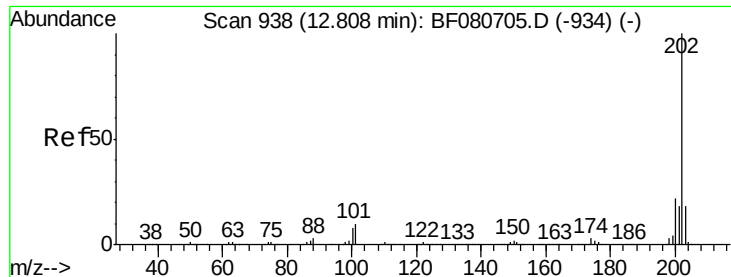
Tgt Ion:240 Resp: 391128
Ion Ratio Lower Upper
240 100
120 14.0 11.8 17.8
236 26.9 21.8 32.8



#76
Benzidine
Concen: 20.39 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:184 Resp: 290419
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.2 9.1 13.7



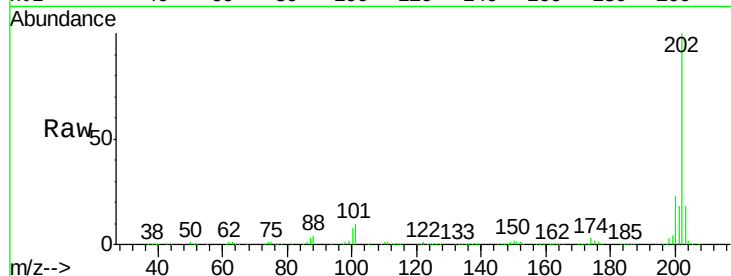


#77
 Pyrene
 Concen: 47.78 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

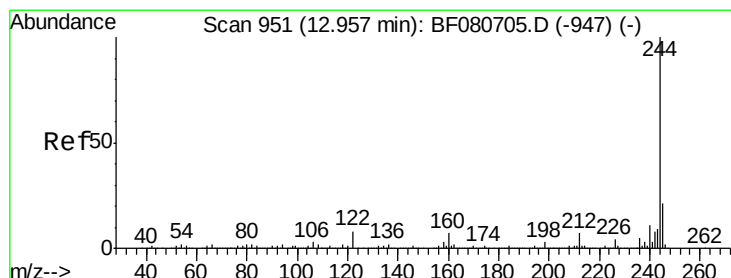
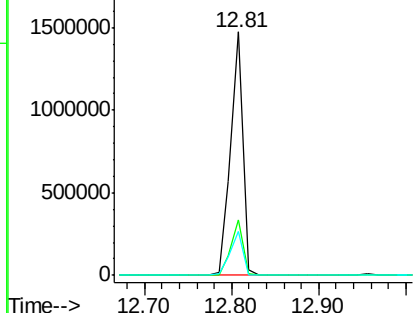
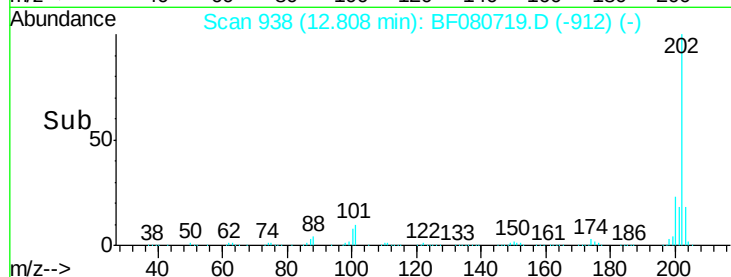
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion: 202 Resp: 1449283

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	17.9	14.2	21.2



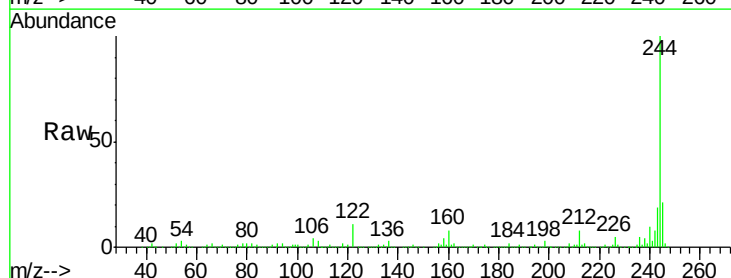
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



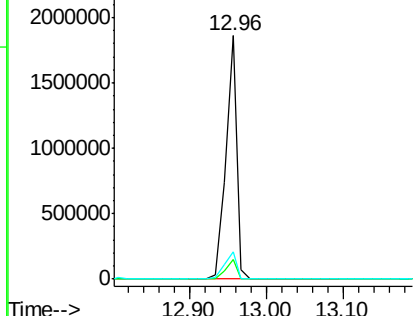
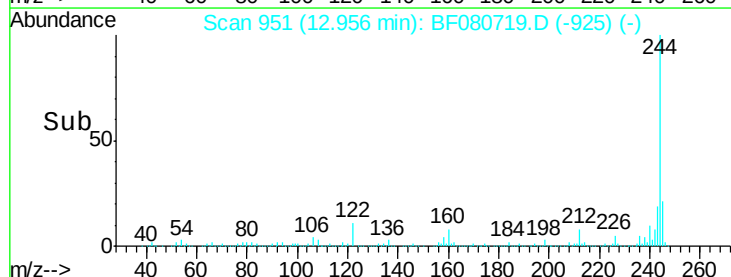
#78
 Terphenyl-d14
 Concen: 90.32 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

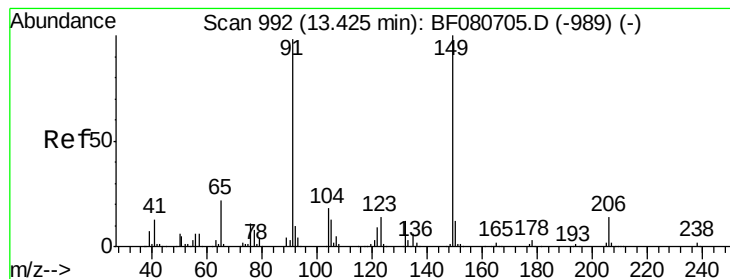
Tgt Ion: 244 Resp: 1867893

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	11.1	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: 44.42 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

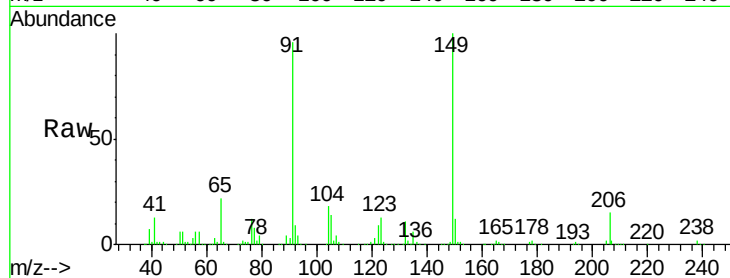
Tgt Ion:149 Resp: 558658

Ion Ratio Lower Upper

149 100

91 96.4 78.6 118.0

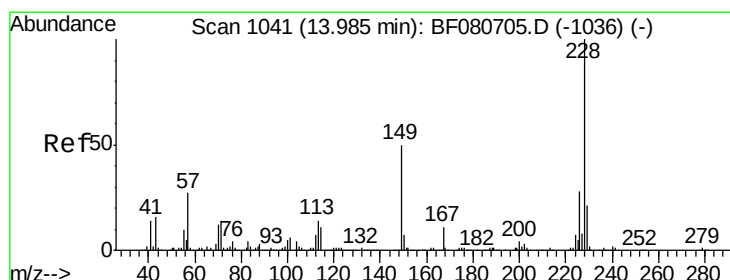
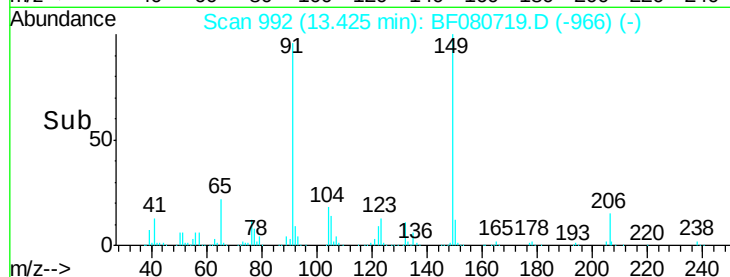
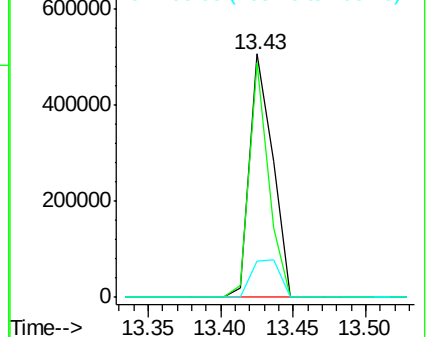
206 15.1 11.4 17.2



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: 40.64 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

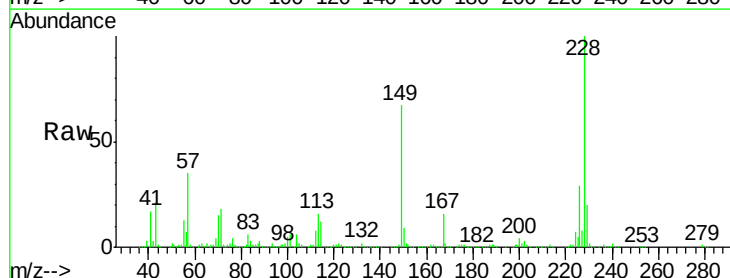
Tgt Ion:228 Resp: 956051

Ion Ratio Lower Upper

228 100

226 28.6 22.6 33.8

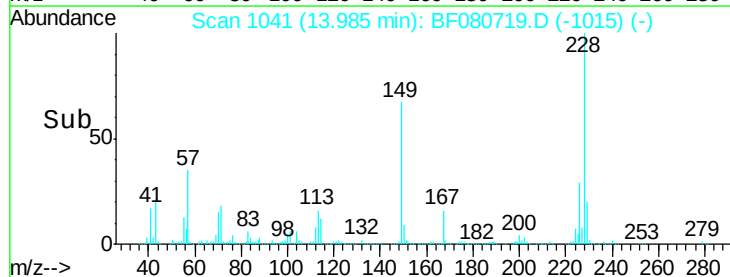
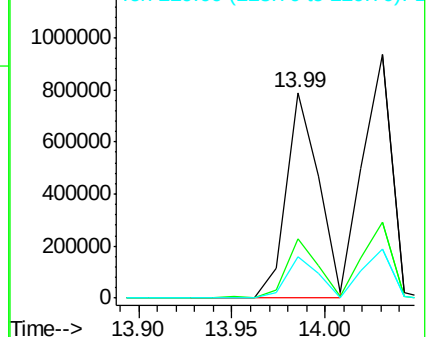
229 20.4 16.6 25.0

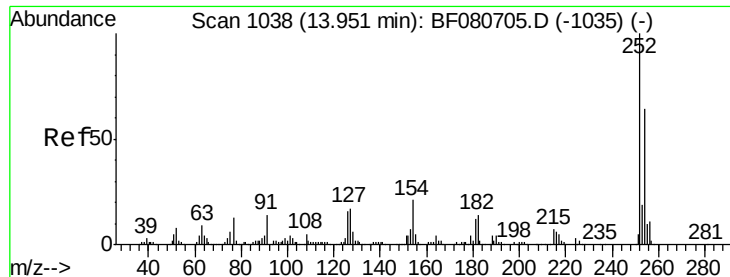


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

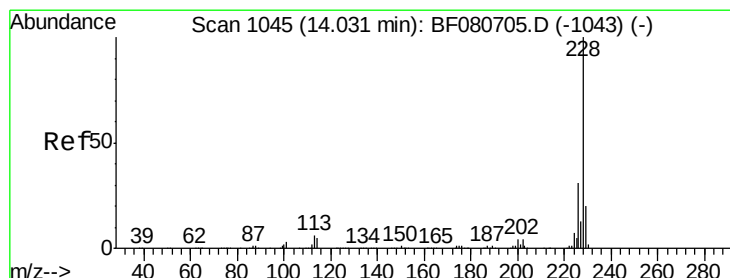
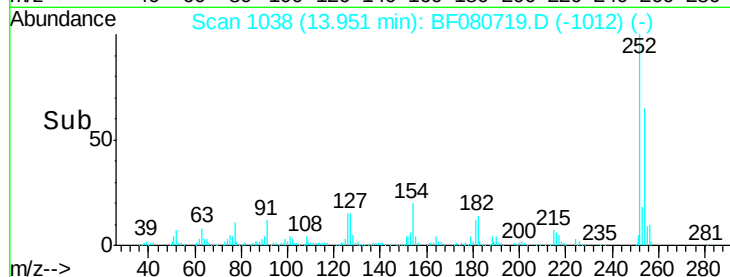
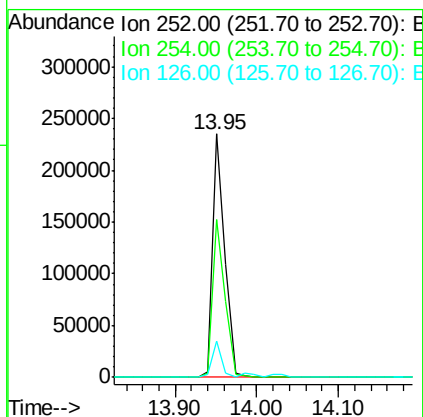
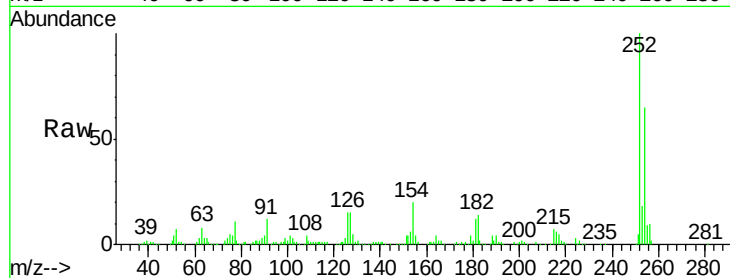




#81
 3,3'-Dichlorobenzidine
 Concen: 30.78 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

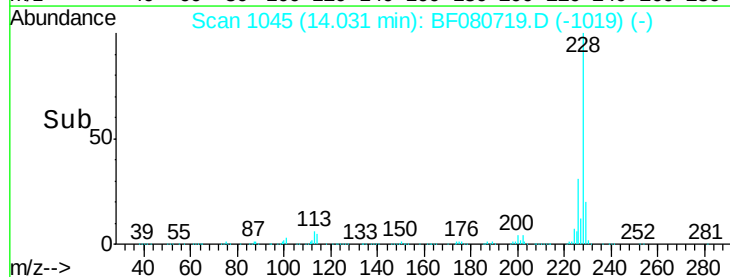
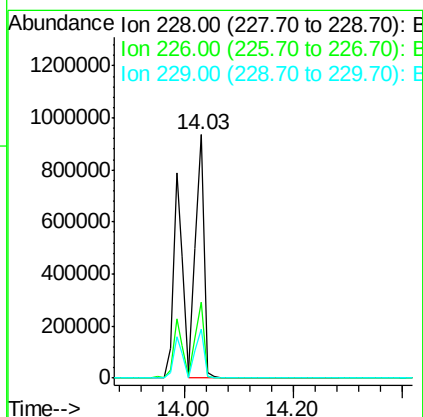
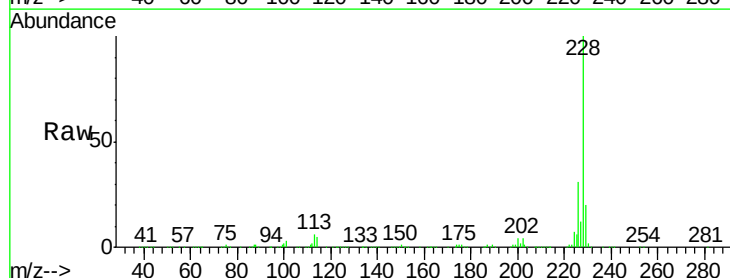
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

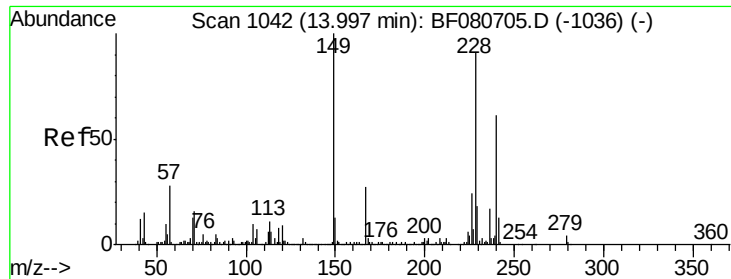
Tgt Ion: 252 Resp: 247110
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.0 76.4
 126 14.8 13.2 19.8



#82
 Chrysene
 Concen: 44.44 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion: 228 Resp: 1014614
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.1 37.7
 229 20.1 15.8 23.8

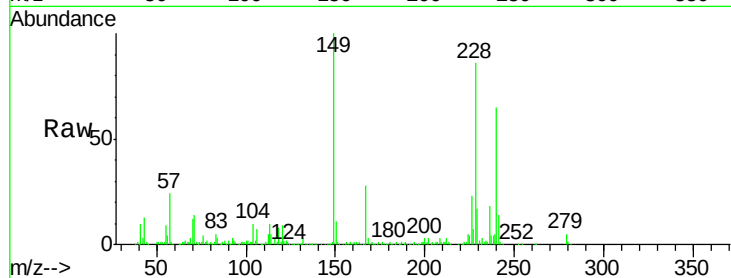




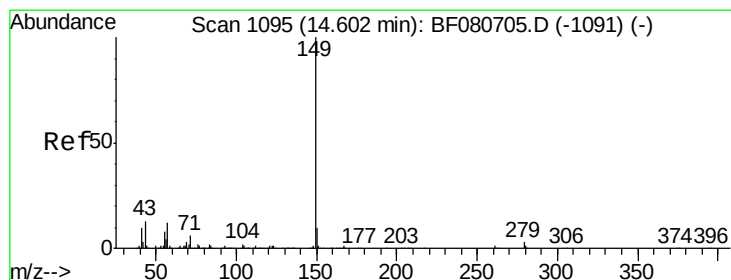
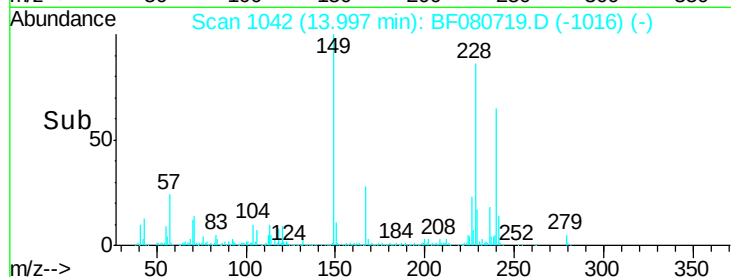
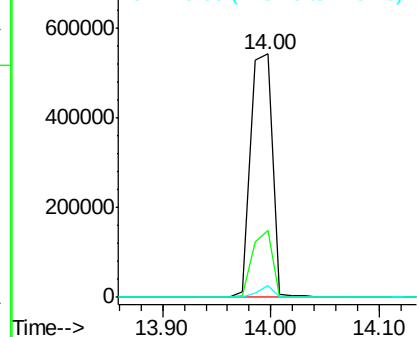
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.95 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

Tgt Ion:149 Resp: 754265
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.8 32.8
 279 5.1 3.4 5.0#

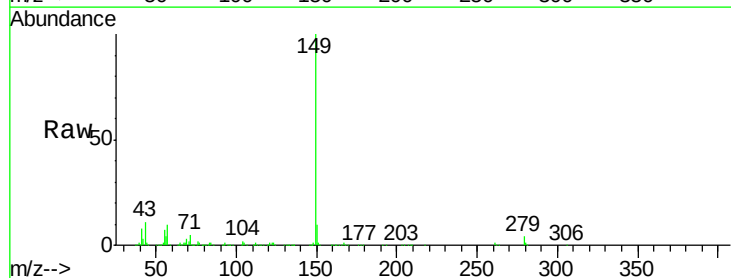


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

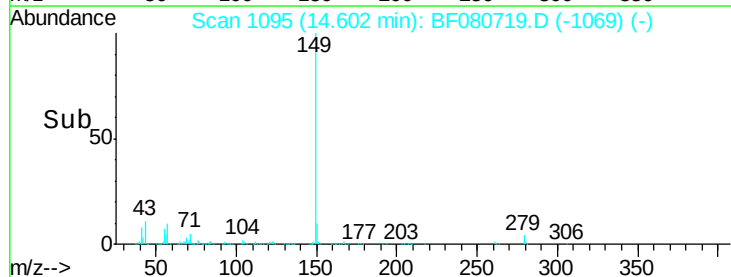
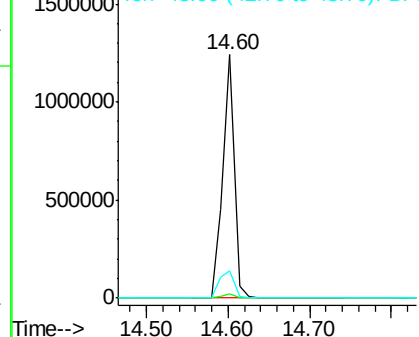


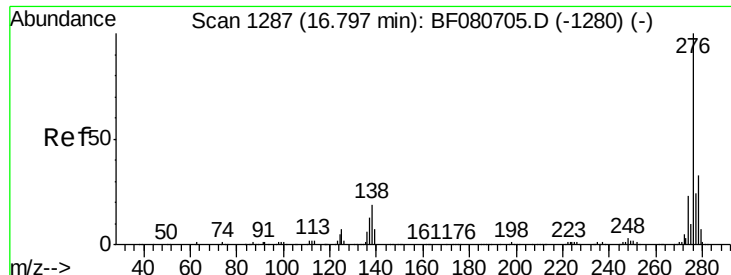
#84
 Di-n-octyl phthalate
 Concen: 48.10 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion:149 Resp: 1218020
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.8 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

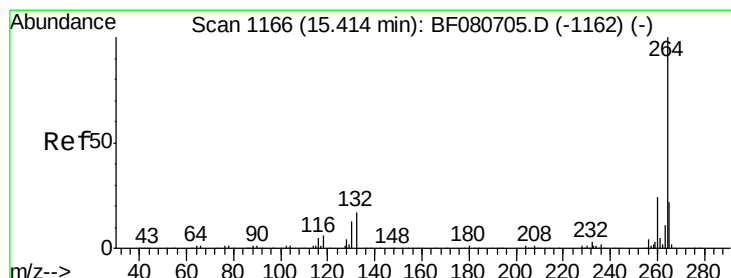
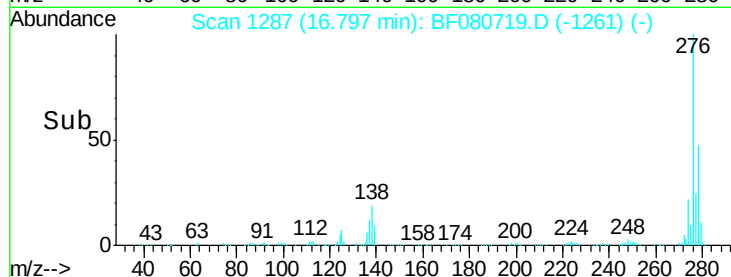
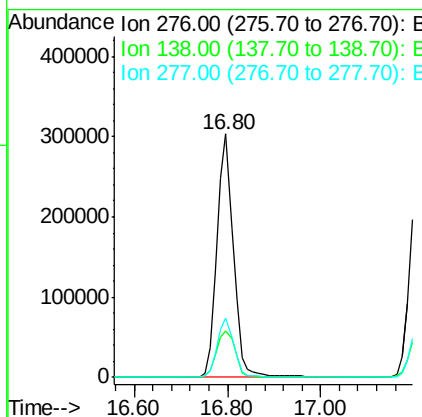
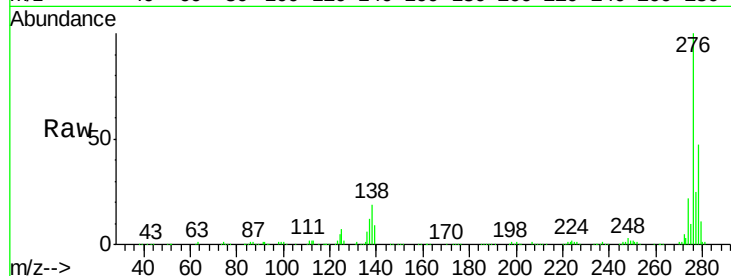




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.44 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

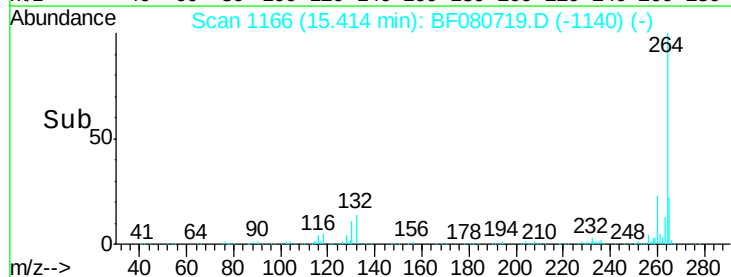
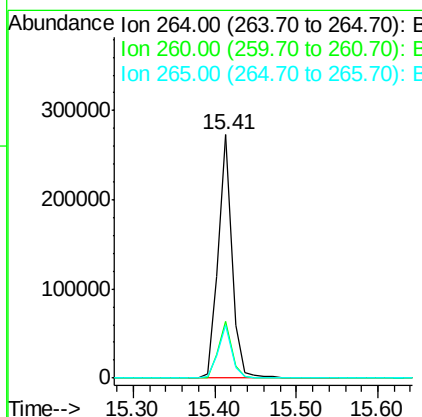
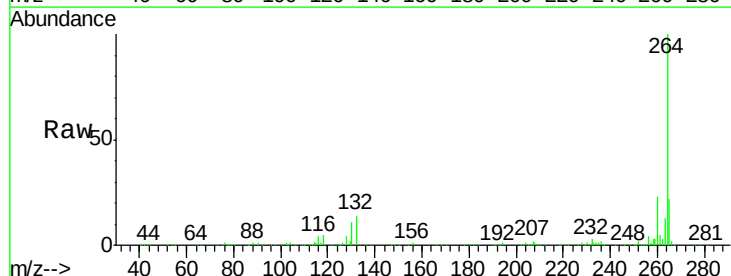
Instrument :
 BNA_F
 ClientSampleId :
 PB84616BS

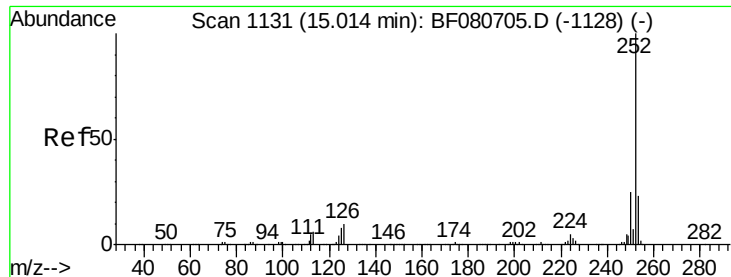
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.0	13.2	19.8#
277	24.8	15.4	23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080719.D
 Acq: 31 Jul 2015 5:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.9	17.3	25.9

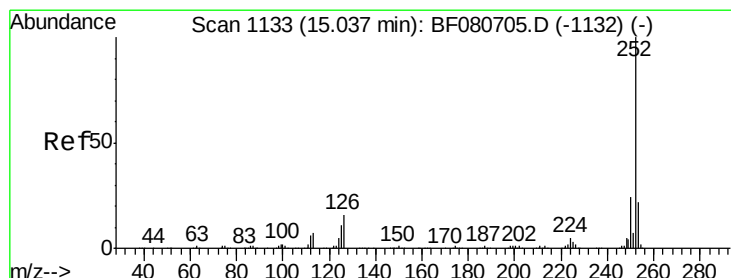
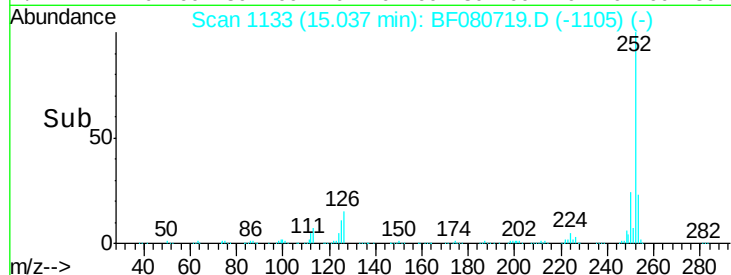
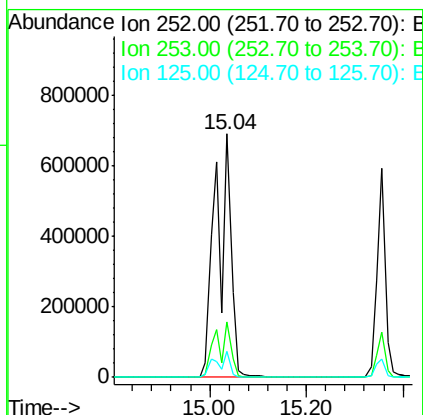
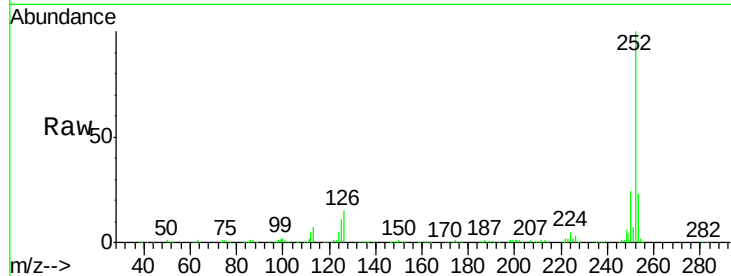




#87
Benzo(b)fluoranthene
Concen: 79.81 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

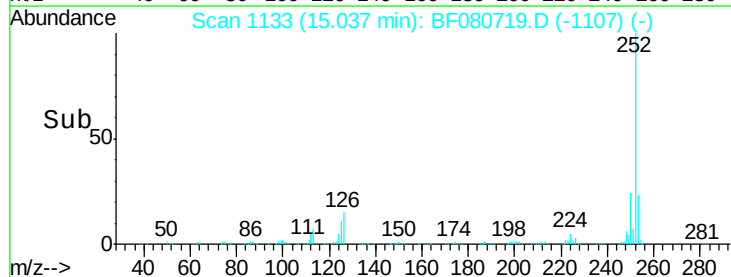
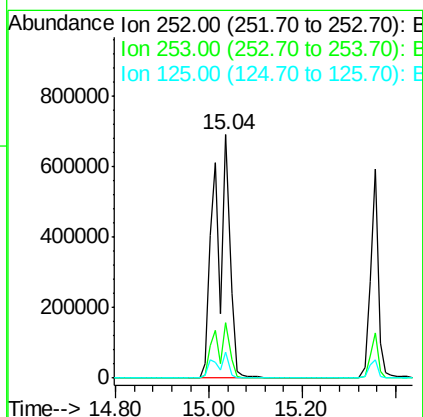
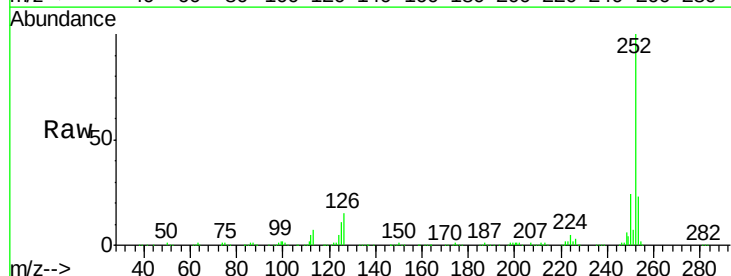
Instrument :
BNA_F
ClientSampleId :
PB84616BS

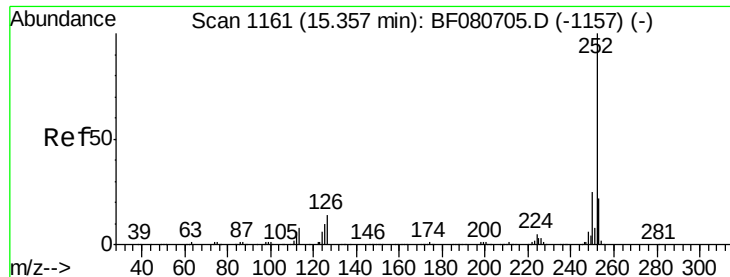
Tgt Ion:252 Resp: 1531847
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 10.7 6.2 9.2#



#88
Benzo(k)fluoranthene
Concen: 97.00 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080719.D
Acq: 31 Jul 2015 5:03

Tgt Ion:252 Resp: 1532288
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.7 9.0 13.4





#89

Benzo(a)pyrene

Concen: 45.12 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS

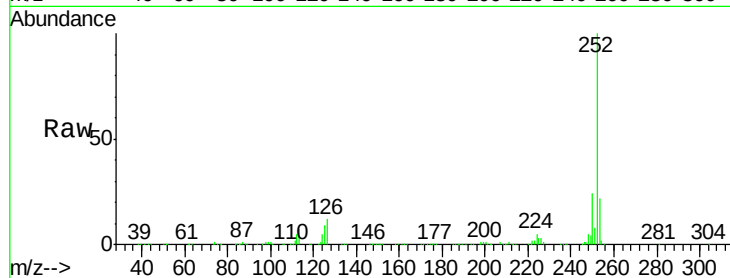
Tgt Ion:252 Resp: 711014

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

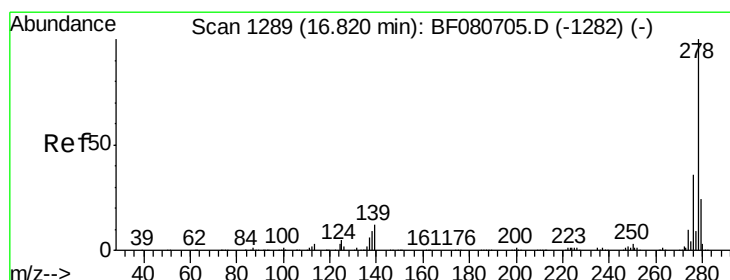
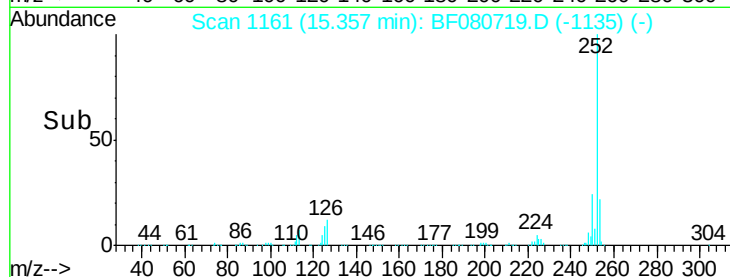
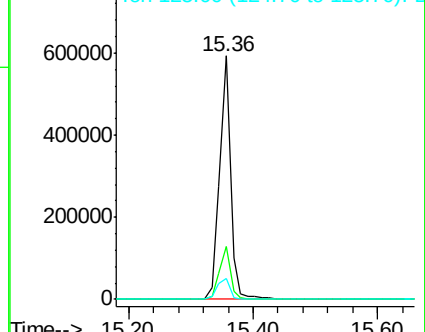
125 8.8 8.2 12.4



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: 43.76 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF080719.D

Acq: 31 Jul 2015 5:03

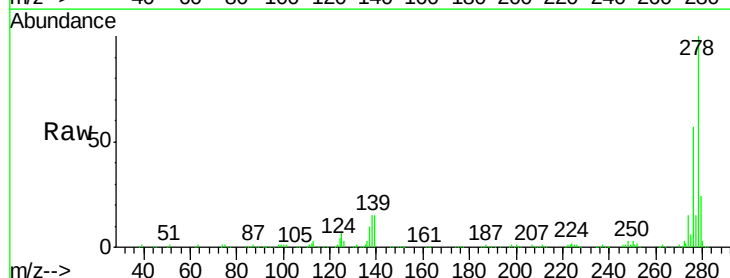
Tgt Ion:278 Resp: 617201

Ion Ratio Lower Upper

278 100

139 15.4 9.8 14.8#

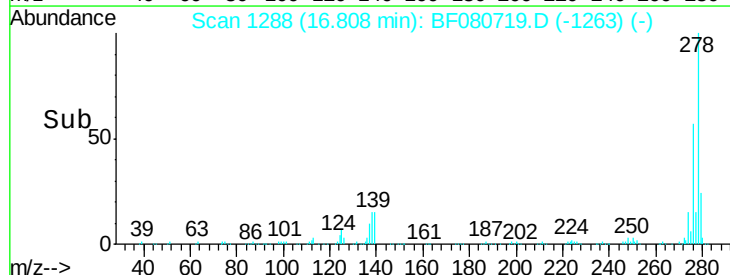
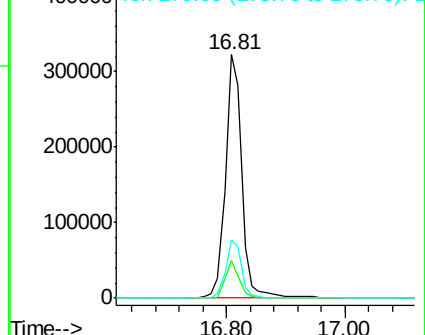
279 24.0 19.4 29.2

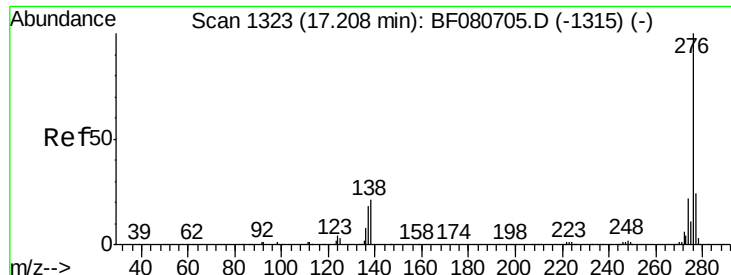


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.70 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF080719.D

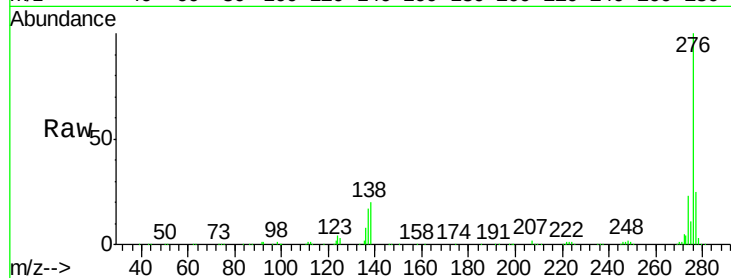
Acq: 31 Jul 2015 5:03

Instrument :

BNA_F

ClientSampleId :

PB84616BS



Tgt Ion:	276	Resp:	620529
Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	20.4	16.9	25.3

