

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080721.D
 Acq On : 31 Jul 2015 6:04
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 31 06:42:58 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	198401	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	747286	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	364344	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	632424	20.00	ng	0.00
75) Chrysene-d12	14.00	240	379122	20.00	ng	0.00
86) Perylene-d12	15.41	264	339466	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	889235	76.89	ng	0.00
7) Phenol-d6	6.49	99	1230420	78.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	1228684	79.62	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	320666	84.82	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1792347	73.39	ng	0.00
78) Terphenyl-d14	12.96	244	1673854	83.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	213454	37.43	ng	99
3) Pyridine	3.22	79	576531	36.43	ng	98
4) n-Nitrosodimethylamine	3.17	42	357378	39.51	ng	99
6) Aniline	6.52	93	858715	37.89	ng	99
8) 2-Chlorophenol	6.64	128	479726	37.01	ng	100
9) Benzaldehyde	6.40	77	346348	34.62	ng	87
10) Phenol	6.50	94	751971	41.27	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	475319	36.52	ng	98
12) 1,3-Dichlorobenzene	6.80	146	558759	38.72	ng	99
13) 1,4-Dichlorobenzene	6.88	146	590930	40.14	ng	99
14) 1,2-Dichlorobenzene	7.02	146	480704	35.72	ng	98
15) Benzyl Alcohol	7.00	79	446483	34.14	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1050661	37.78	ng	98
17) 2-Methylphenol	7.10	107	419173	39.39	ng	99
18) Hexachloroethane	7.37	117	209971	38.21	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	395443	37.30	ng	99
20) 3+4-Methylphenols	7.26	107	501774	38.22	ng	97
22) Acetophenone	7.26	105	679527	37.67	ng	97
24) Nitrobenzene	7.44	77	541233	35.01	ng	100
25) Isophorone	7.69	82	1069601	38.98	ng	# 92
26) 2-Nitrophenol	7.76	139	273906	43.64	ng	99
27) 2,4-Dimethylphenol	7.79	122	461490	39.14	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	648568	39.89	ng	100
29) 2,4-Dichlorophenol	8.00	162	423754	40.44	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	434999	38.07	ng	98
31) Naphthalene	8.17	128	1400820	37.55	ng	98
32) Benzoic acid	7.92	122	333453	40.38	ng	96
33) 4-Chloroaniline	8.21	127	600199	38.13	ng	99
34) Hexachlorobutadiene	8.28	225	287836	39.01	ng	98
35) Caprolactam	8.59	113	127407	40.60	ng	# 89
36) 4-Chloro-3-methylphenol	8.69	107	481172	42.59	ng	88
37) 2-Methylnaphthalene	8.85	142	946528	40.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	395105	34.53	ng	99
40) Hexachlorocyclopentadiene	9.01	237	268416	38.13	ng	96

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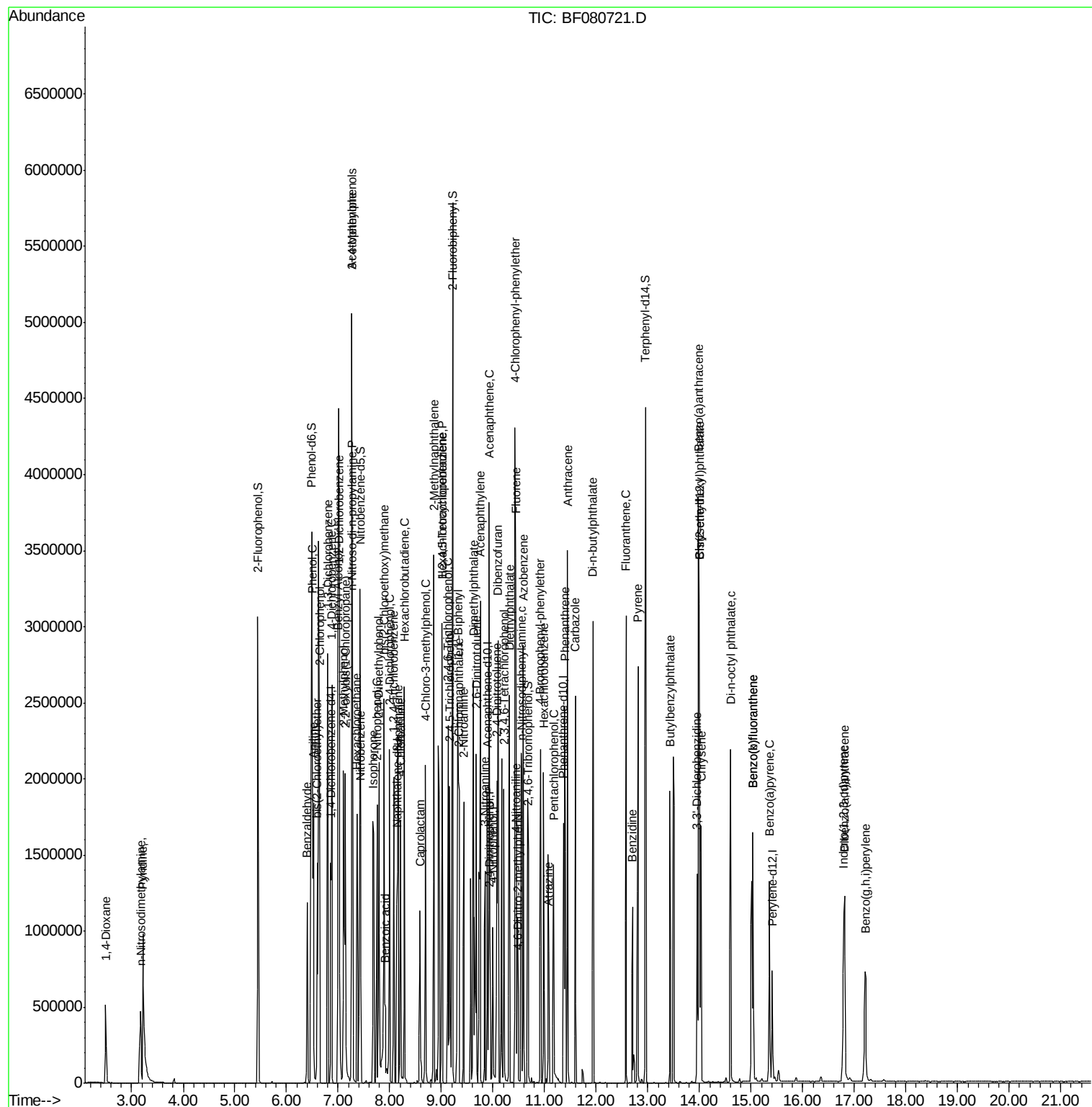
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	312448	39.25	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	288173	36.50	ng	94
45) 1,1'-Biphenyl	9.32	154	1043643	37.36	ng	98
46) 2-Chloronaphthalene	9.34	162	850489	37.27	ng	99
47) 2-Nitroaniline	9.44	65	377903	42.57	ng	91
48) Acenaphthylene	9.76	152	1438254	39.64	ng	100
49) Dimethylphthalate	9.62	163	923582	35.97	ng	99
50) 2,6-Dinitrotoluene	9.68	165	198518	36.43	ng	91
51) Acenaphthene	9.93	154	880802	39.79	ng	100
52) 3-Nitroaniline	9.85	138	251707	40.03	ng	# 81
53) 2,4-Dinitrophenol	9.94	184	112013	38.60	ng	88
54) Dibenzofuran	10.10	168	1158139	39.12	ng	100
55) 4-Nitrophenol	10.00	139	182739	39.45	ng	83
56) 2,4-Dinitrotoluene	10.08	165	278158	38.93	ng	98
57) Fluorene	10.44	166	901482	39.23	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	256375	43.06	ng	98
59) Diethylphthalate	10.32	149	935060	37.78	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	381087	38.10	ng	98
61) 4-Nitroaniline	10.45	138	198624	34.99	ng	96
62) Azobenzene	10.59	77	1078019	40.21	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	161713	42.46	ng	# 35
65) n-Nitrosodiphenylamine	10.56	169	811396	39.14	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	281408	43.11	ng	98
67) Hexachlorobenzene	10.98	284	274090	36.31	ng	98
68) Atrazine	11.08	200	221628	44.84	ng	90
69) Pentachlorophenol	11.17	266	187116	40.97	ng	97
70) Phenanthrene	11.39	178	1179823	37.03	ng	99
71) Anthracene	11.45	178	1277382	40.80	ng	100
72) Carbazole	11.60	167	971867	35.77	ng	99
73) Di-n-butylphthalate	11.94	149	1402656	41.63	ng	100
74) Fluoranthene	12.58	202	1267299	41.14	ng	98
76) Benzidine	12.70	184	571174	41.38	ng	99
77) Pyrene	12.81	202	1231877	41.90	ng	99
79) Butylbenzylphthalate	13.43	149	470662	38.82	ng	98
80) Benzo(a)anthracene	13.99	228	882808	38.72	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	307638	39.53	ng	97
82) Chrysene	14.03	228	883447	39.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	610702	41.72	ng	100
84) Di-n-octyl phthalate	14.60	149	1017630	41.46	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	806586	40.68	ng	# 87
87) Benzo(b)fluoranthene	15.04	252	1450903	71.55	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	1451196	86.96	ng	99
89) Benzo(a)pyrene	15.36	252	660621	39.68	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	674809	45.28	ng	# 97
91) Benzo(g,h,i)perylene	17.22	276	678409	46.26	ng	# 93

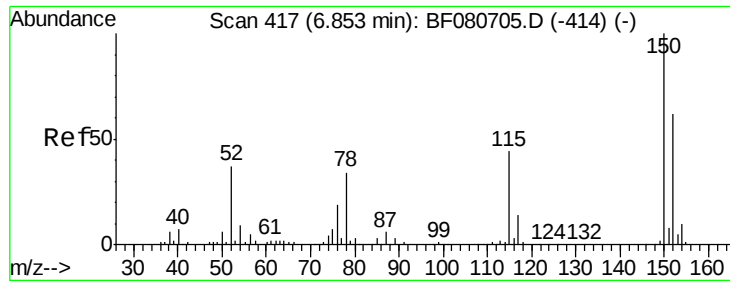
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

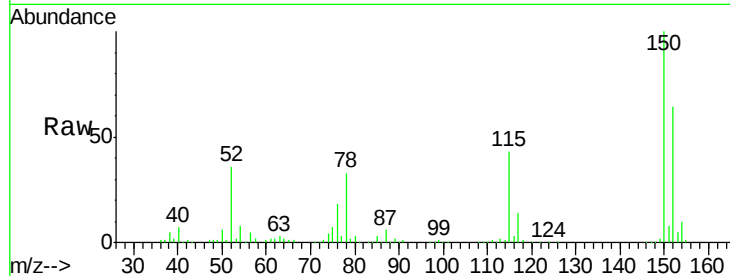
Tgt Ion:152 Resp: 198401

Ion Ratio Lower Upper

152 100

150 155.3 129.6 194.4

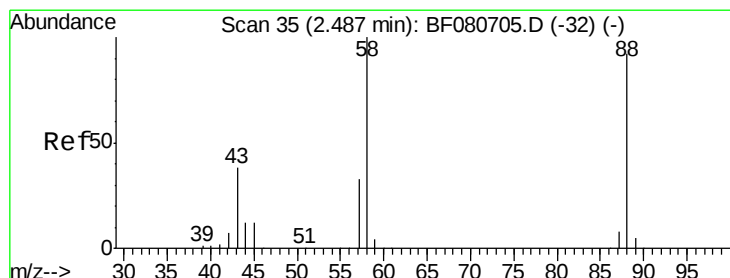
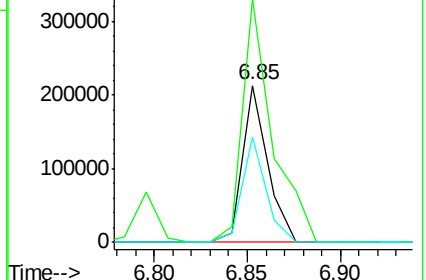
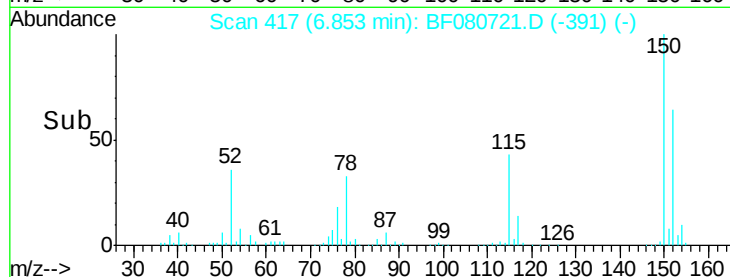
115 67.4 56.6 85.0



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: 37.43 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

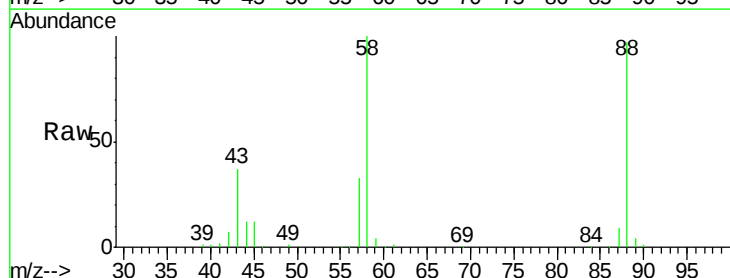
Tgt Ion: 88 Resp: 213454

Ion Ratio Lower Upper

88 100

58 102.4 82.3 123.5

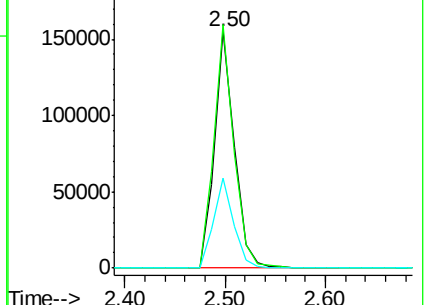
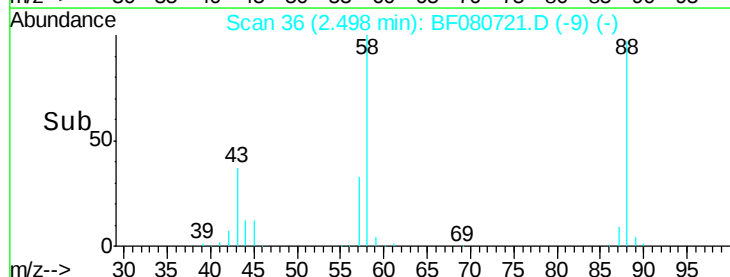
43 38.6 31.7 47.5

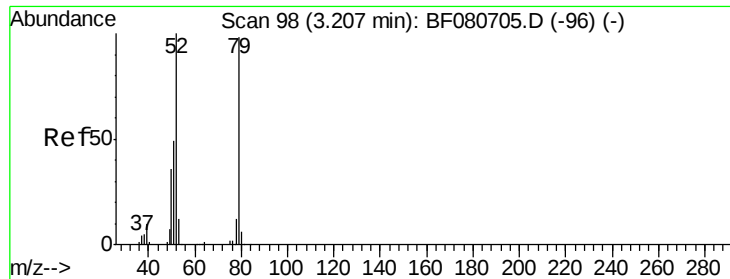


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.43 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

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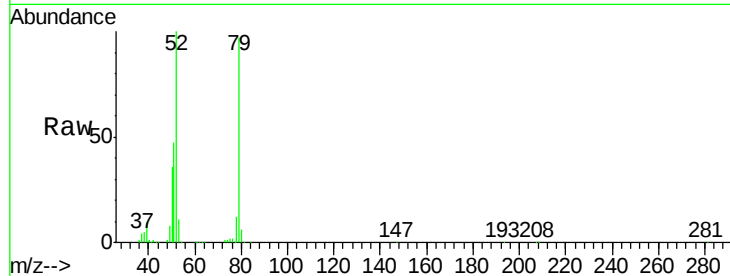
Tgt Ion: 79 Resp: 576531

Ion Ratio Lower Upper

79 100

52 103.4 81.6 122.4

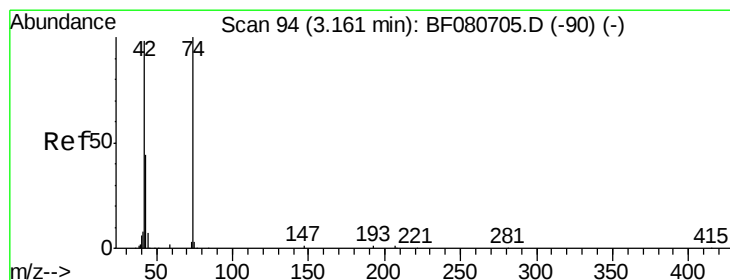
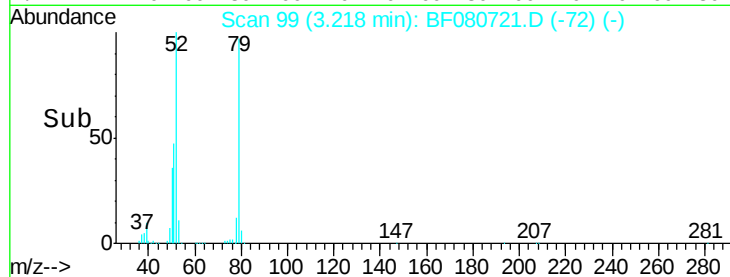
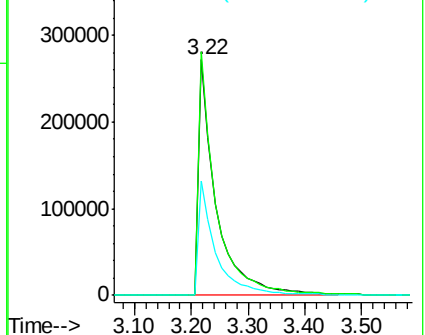
51 48.8 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.51 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

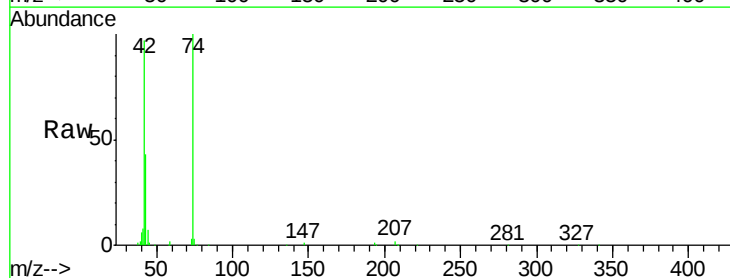
Tgt Ion: 42 Resp: 357378

Ion Ratio Lower Upper

42 100

74 102.6 81.5 122.3

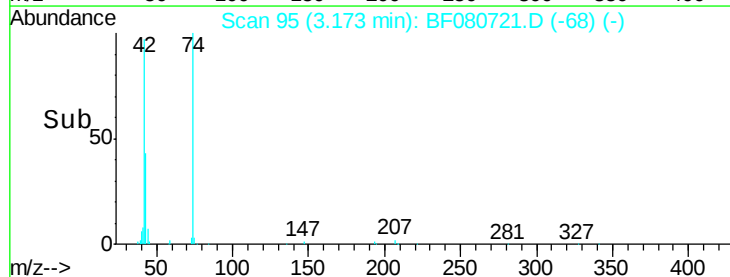
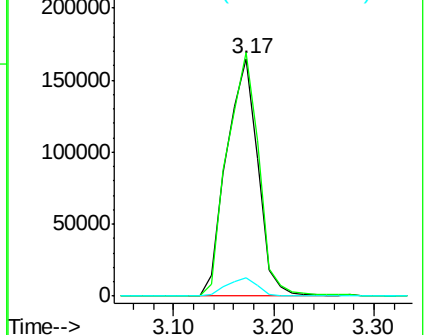
44 7.6 5.6 8.4

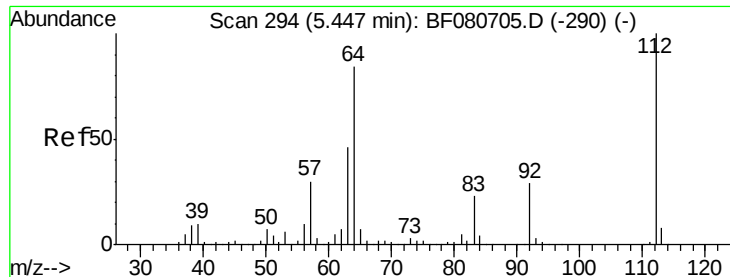


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.89 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

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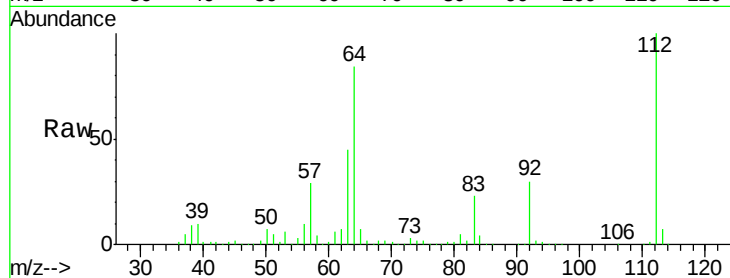
Tgt Ion: 112 Resp: 889235

Ion Ratio Lower Upper

112 100

64 84.3 66.8 100.2

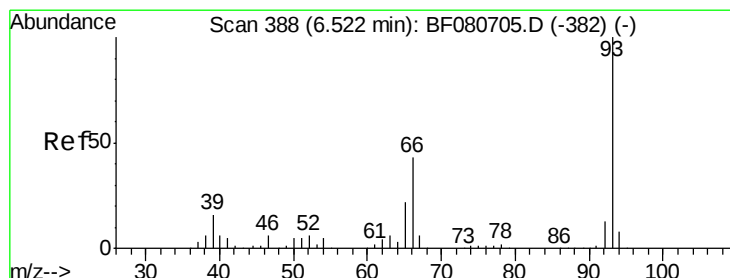
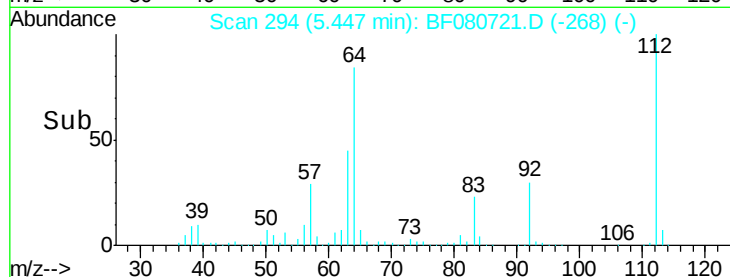
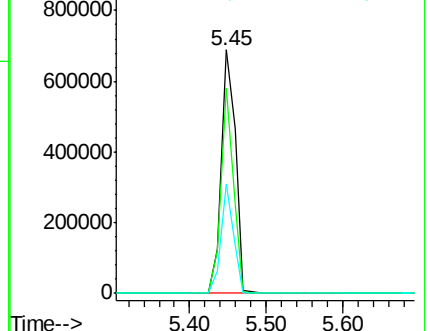
63 45.1 36.7 55.1



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: 37.89 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

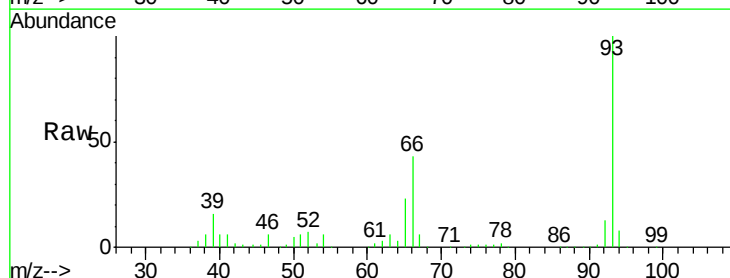
Tgt Ion: 93 Resp: 858715

Ion Ratio Lower Upper

93 100

66 43.4 34.3 51.5

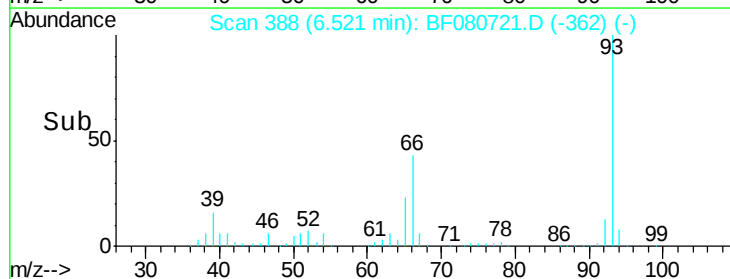
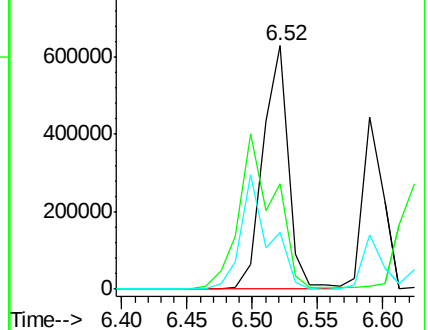
65 23.2 17.6 26.4

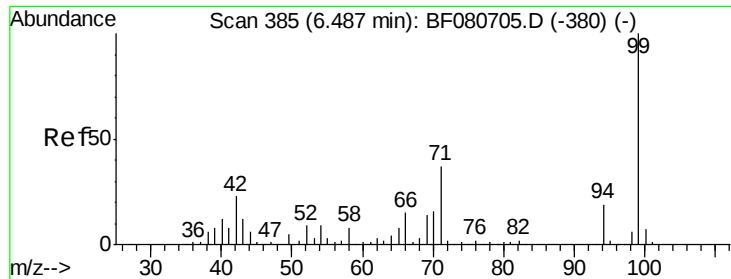


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.15 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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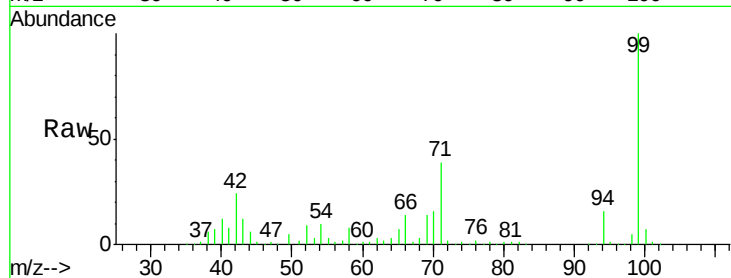
Tgt Ion: 99 Resp: 1230420

Ion Ratio Lower Upper

99 100

42 23.9 18.2 27.2

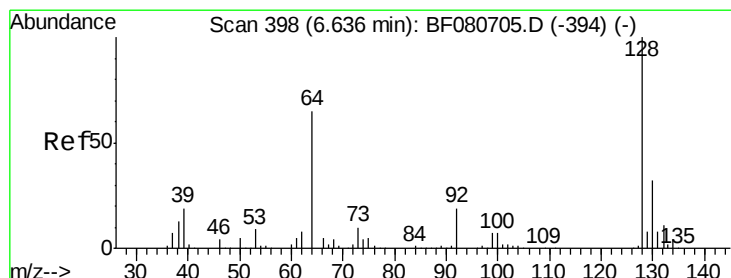
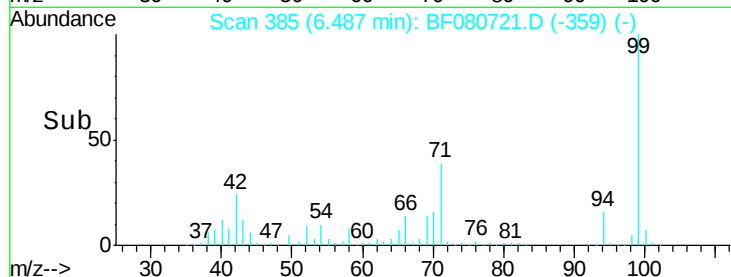
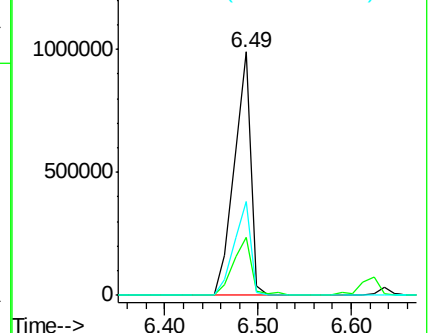
71 38.8 29.5 44.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.01 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

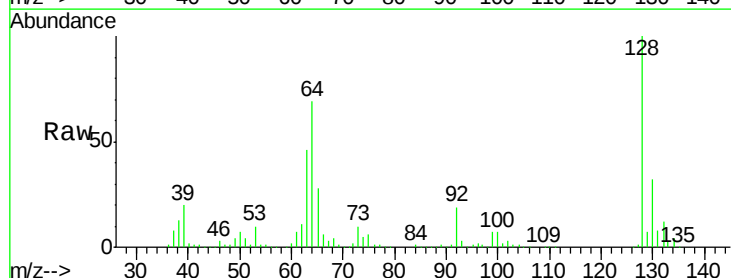
Tgt Ion: 128 Resp: 479726

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

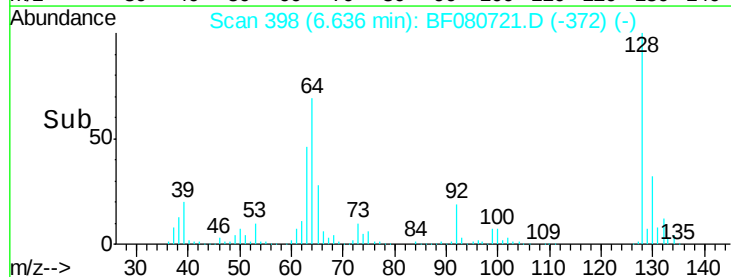
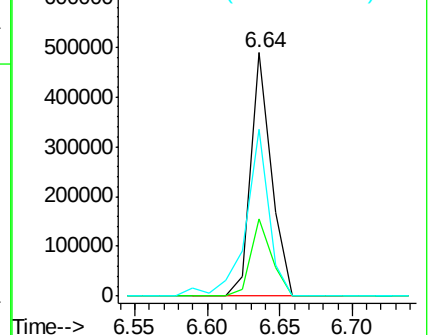
64 68.6 48.7 88.7

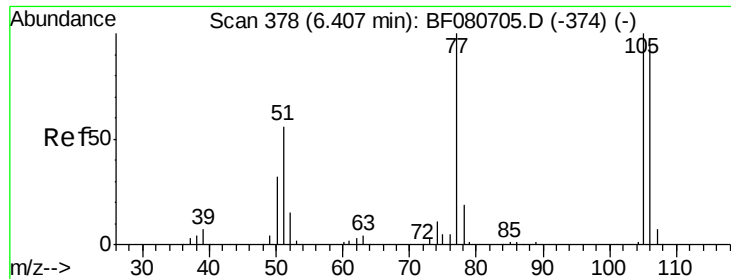


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.62 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

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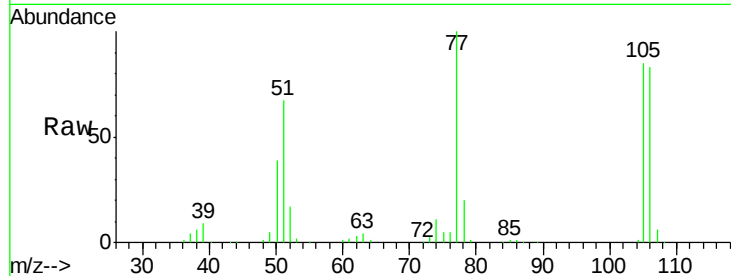
Tgt Ion: 77 Resp: 346348

Ion Ratio Lower Upper

77 100

105 85.3 80.2 120.2

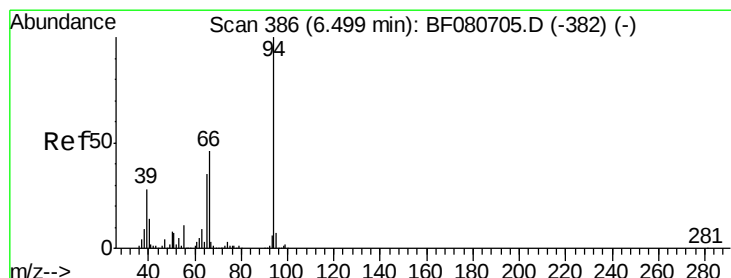
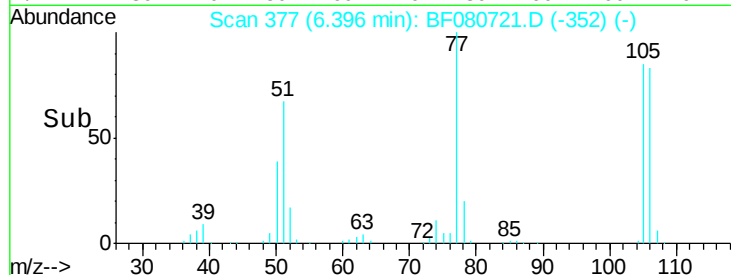
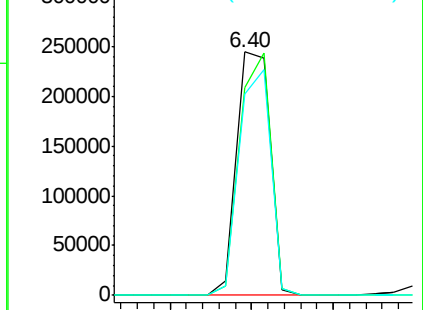
106 82.8 74.2 114.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.27 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

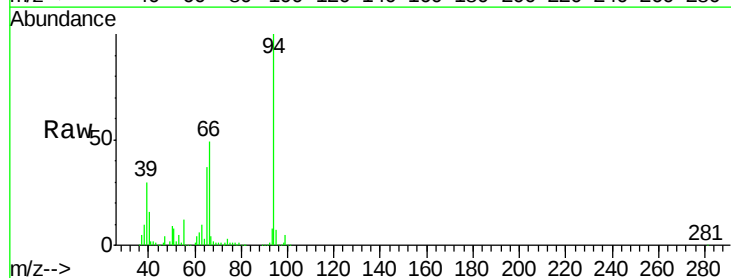
Tgt Ion: 94 Resp: 751971

Ion Ratio Lower Upper

94 100

65 36.6 14.7 54.7

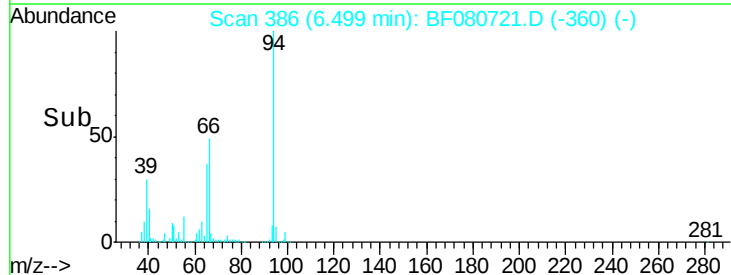
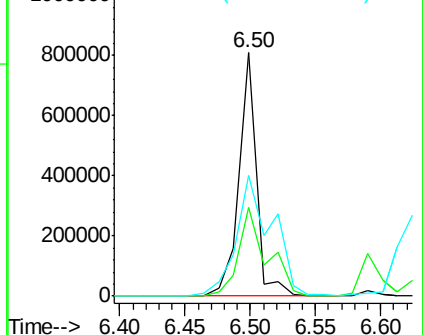
66 49.4 25.9 65.9

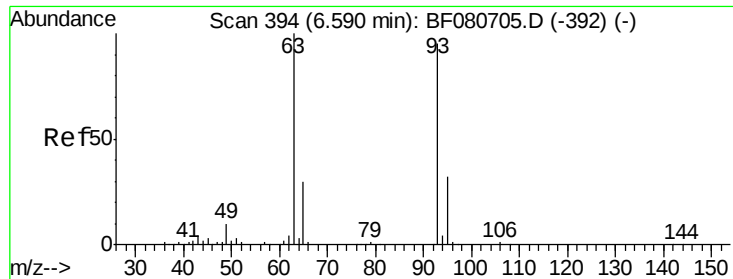


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

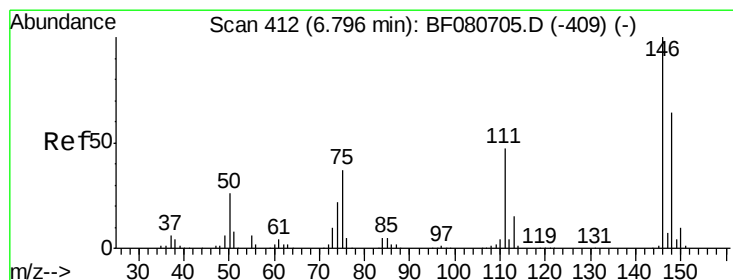
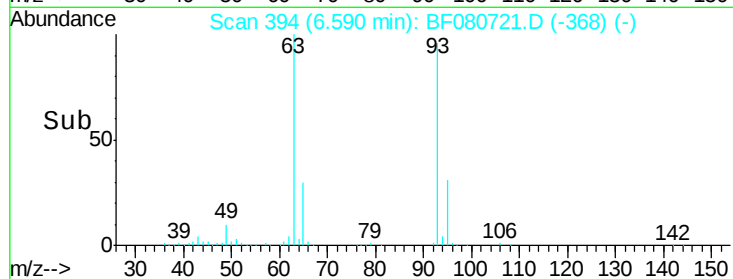
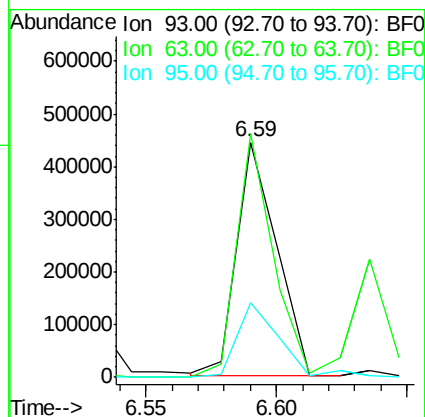
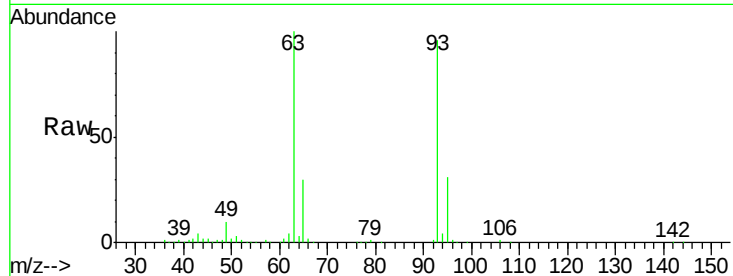




#11
 bis(2-Chloroethyl)ether
 Concen: 36.52 ng
 RT: 6.59 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

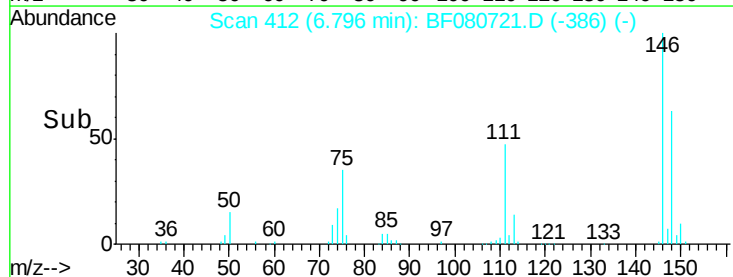
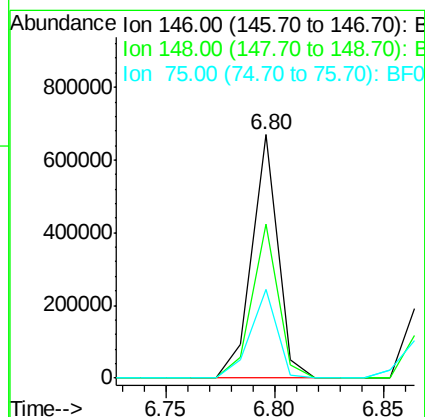
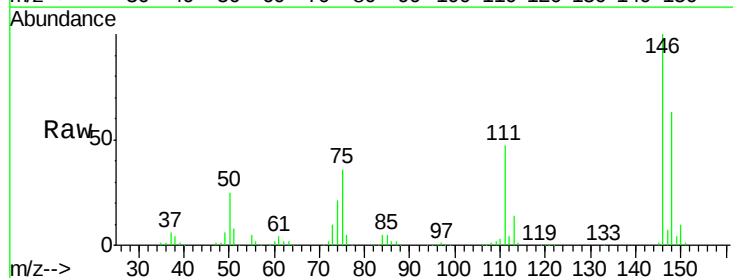
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

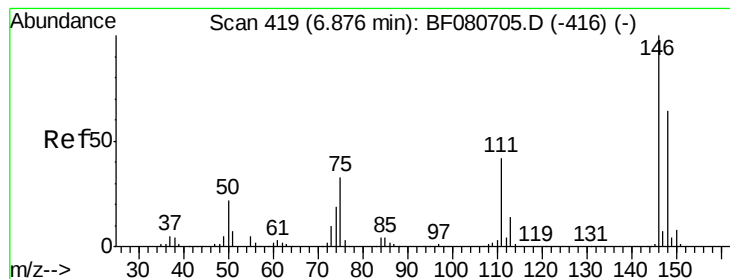
Tgt Ion: 93 Resp: 475319
 Ion Ratio Lower Upper
 93 100
 63 103.8 85.3 125.3
 95 32.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 38.72 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion: 146 Resp: 558759
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.6
 75 36.3 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 40.14 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

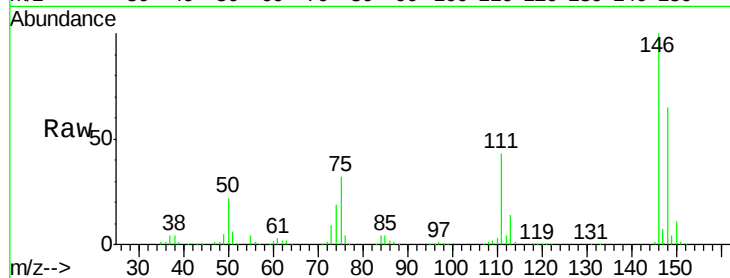
Tgt Ion:146 Resp: 590930

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

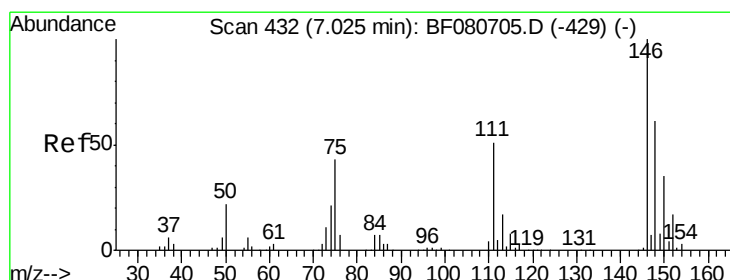
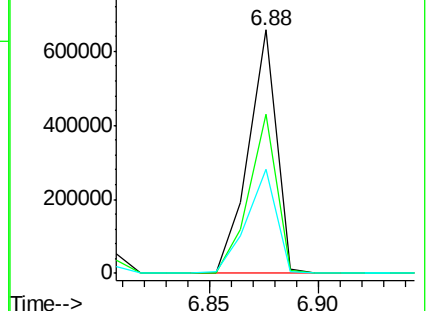
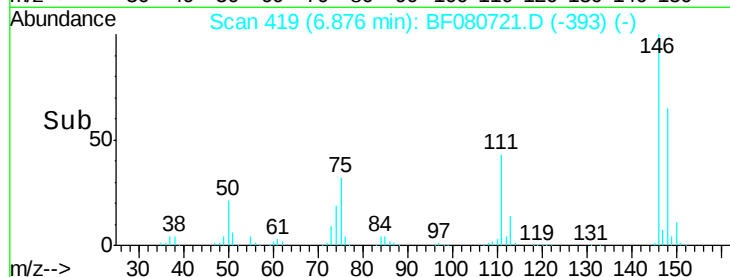
111 42.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.72 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

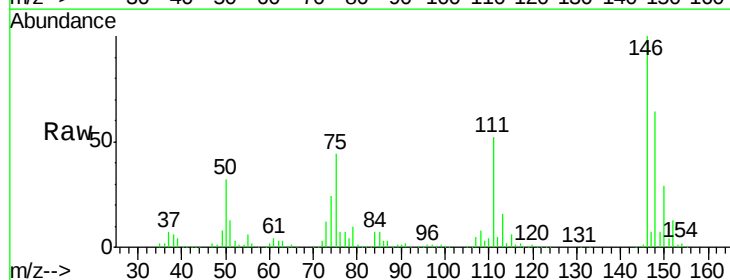
Tgt Ion:146 Resp: 480704

Ion Ratio Lower Upper

146 100

148 64.1 49.2 73.8

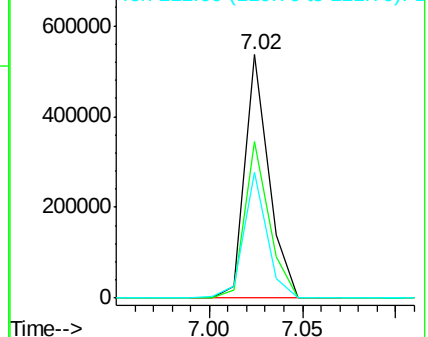
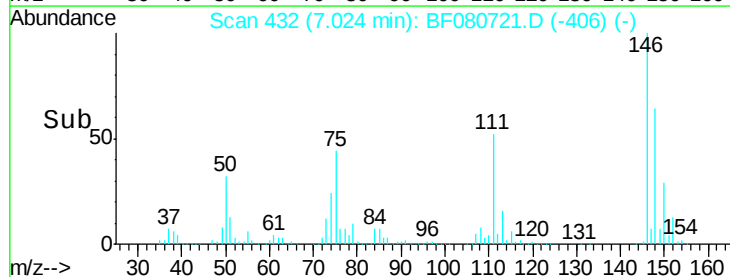
111 51.6 41.0 61.4

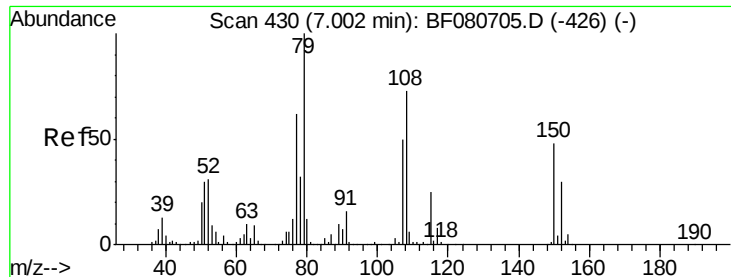


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.14 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

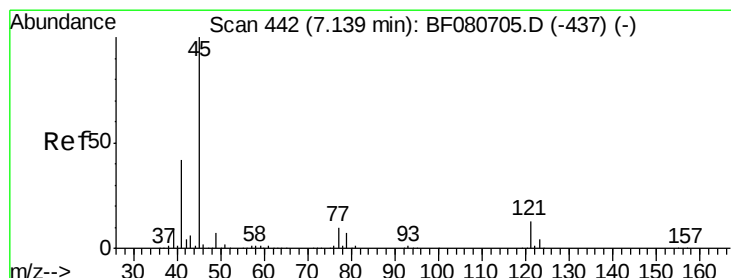
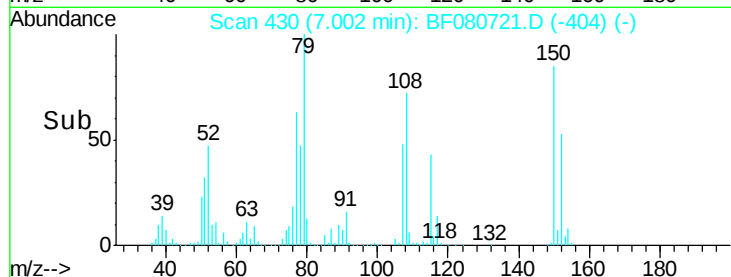
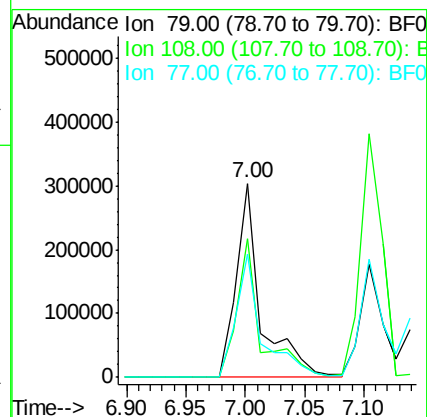
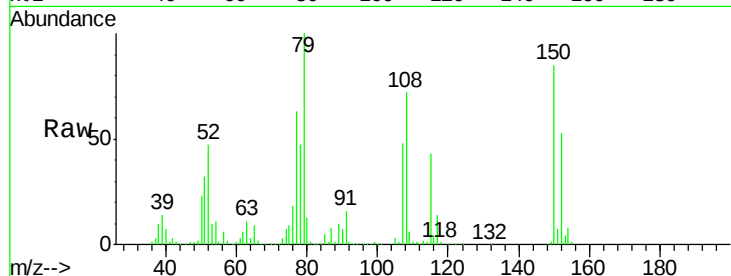
Tgt Ion: 79 Resp: 446483

Ion Ratio Lower Upper

79 100

108 71.6 58.7 88.1

77 63.2 49.8 74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.78 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

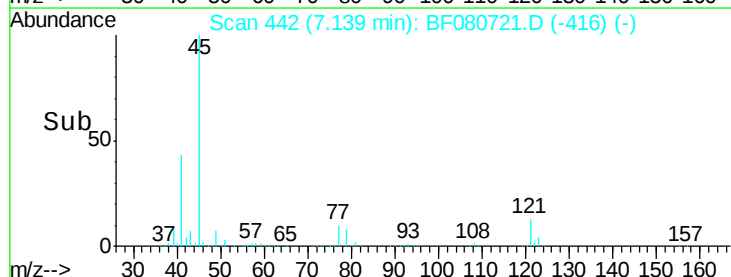
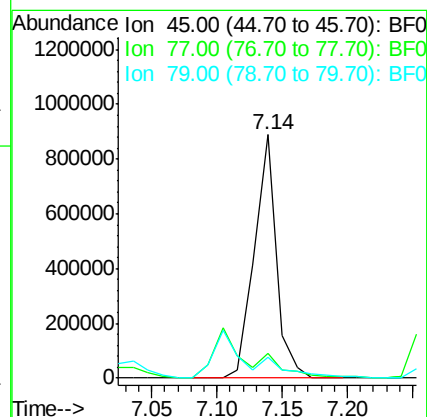
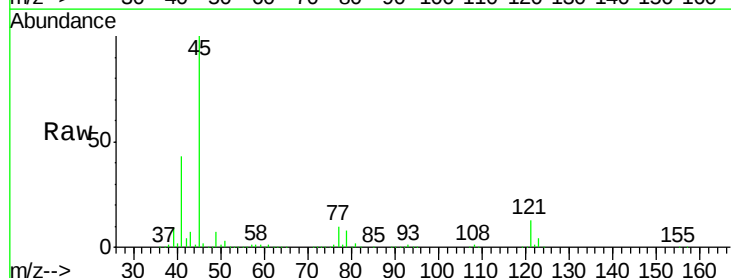
Tgt Ion: 45 Resp: 1050661

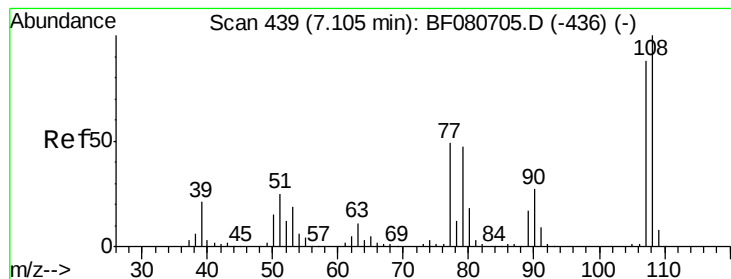
Ion Ratio Lower Upper

45 100

77 10.4 0.0 29.9

79 8.5 0.0 27.4





#17

2-Methylphenol

Concen: 39.39 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 419173

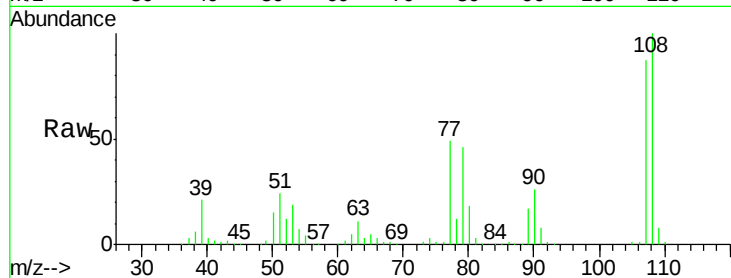
Ion Ratio Lower Upper

107 100

108 114.8 90.8 136.2

77 55.8 44.6 67.0

79 53.1 42.9 64.3

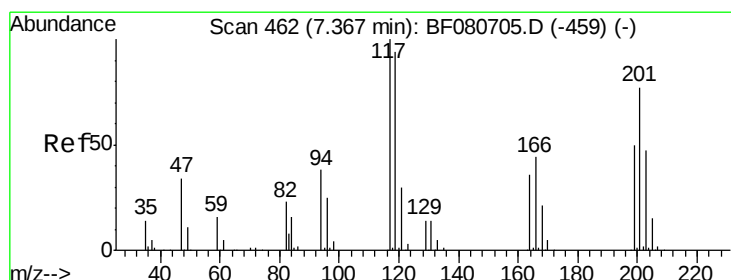
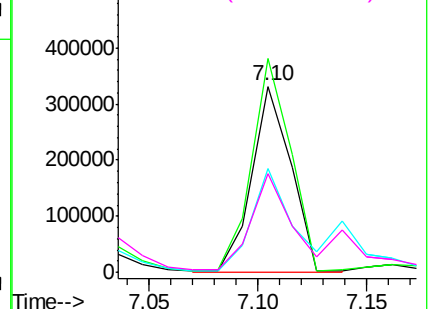
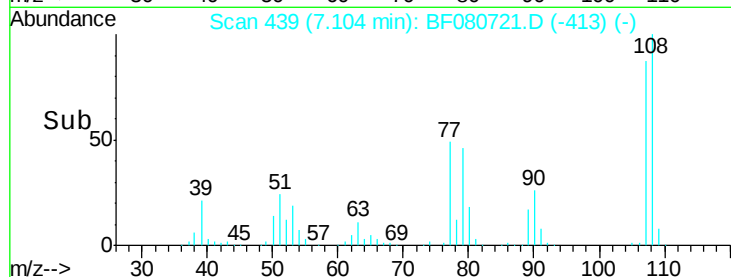


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.21 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

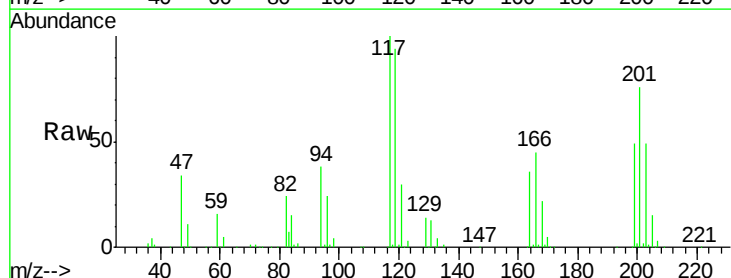
Tgt Ion:117 Resp: 209971

Ion Ratio Lower Upper

117 100

119 93.7 74.9 112.3

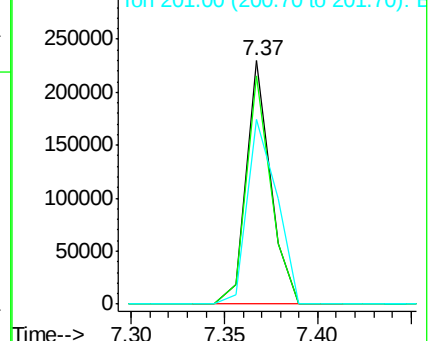
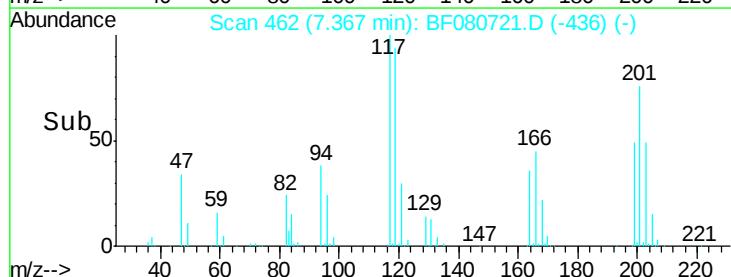
201 75.9 61.5 92.3

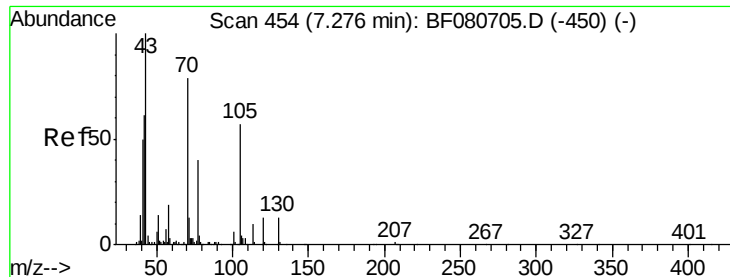


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

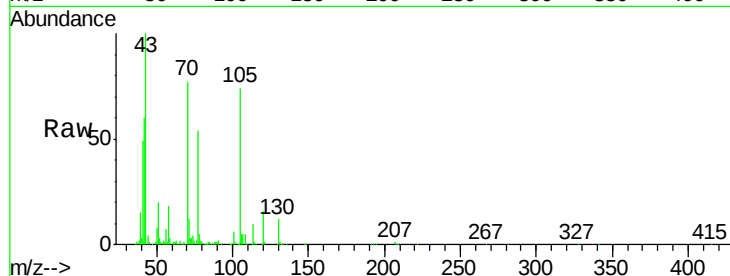




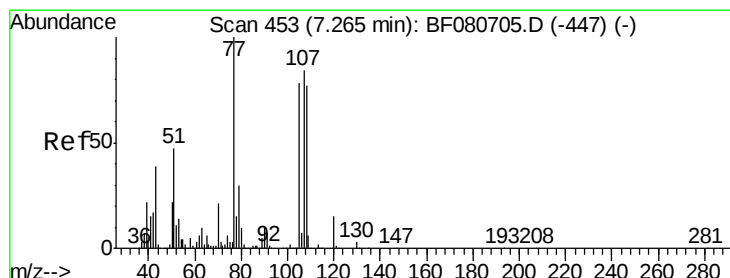
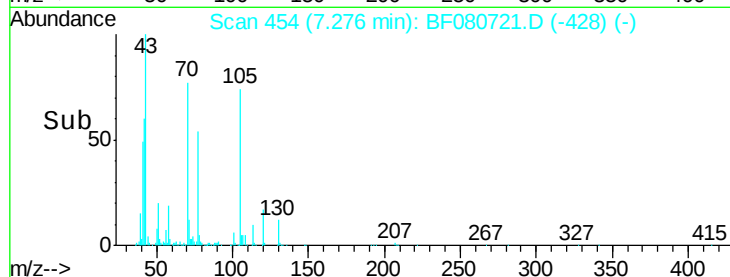
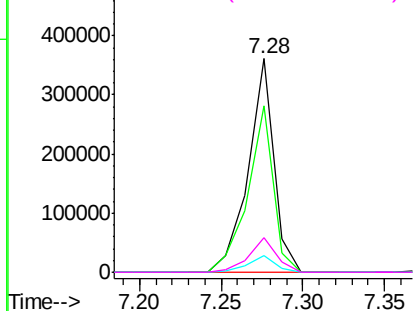
#19
n-Nitroso-di-n-propylamine
Concen: 37.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 395443
Ion Ratio Lower Upper
70 100
42 78.1 61.8 92.6
101 8.1 6.1 9.1
130 16.1 12.9 19.3

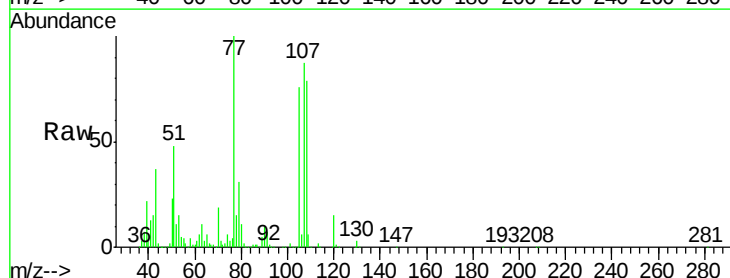


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

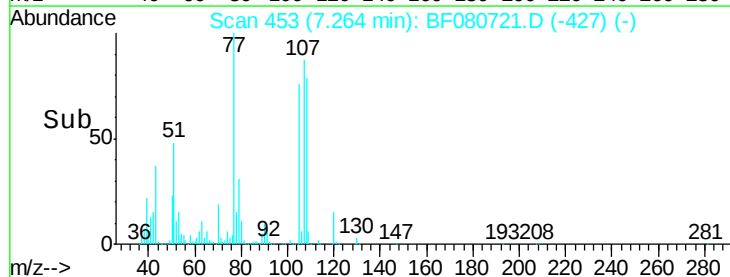
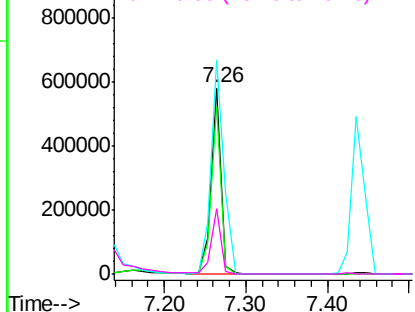


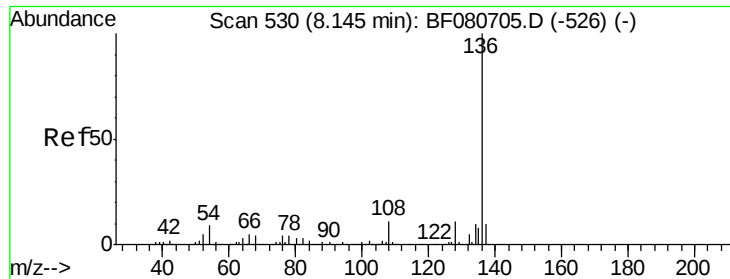
#20
3+4-Methylphenols
Concen: 38.22 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion: 107 Resp: 501774
Ion Ratio Lower Upper
107 100
108 90.6 71.8 111.8
77 115.0 99.8 139.8
79 35.2 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

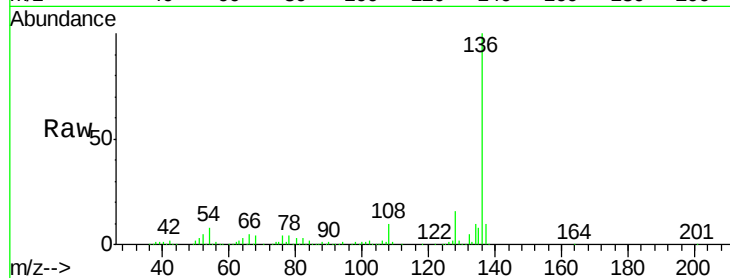




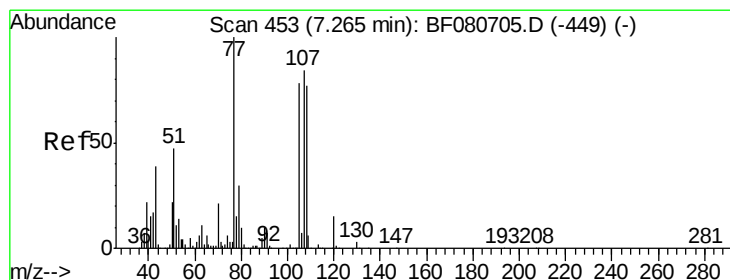
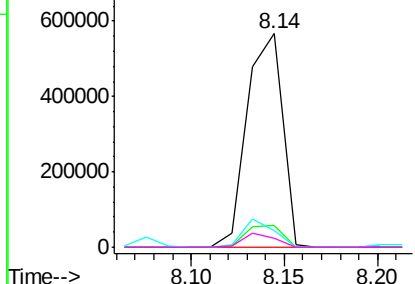
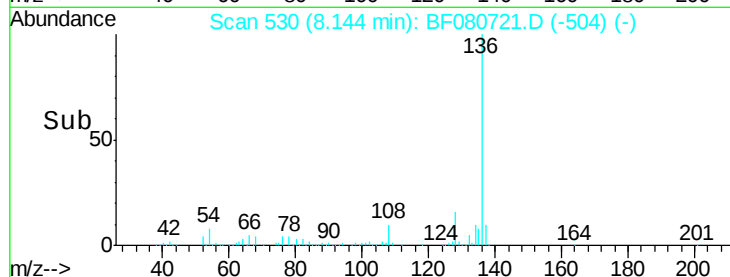
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	747286
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	8.1	6.9	10.3
68	4.4	3.5	5.3

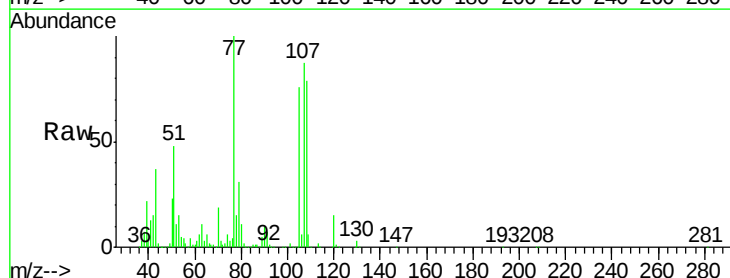


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

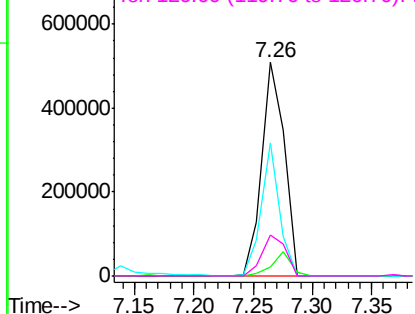
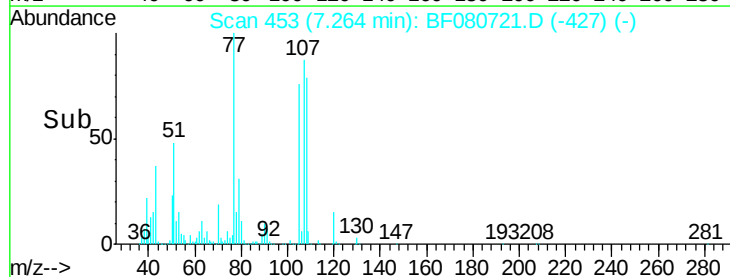


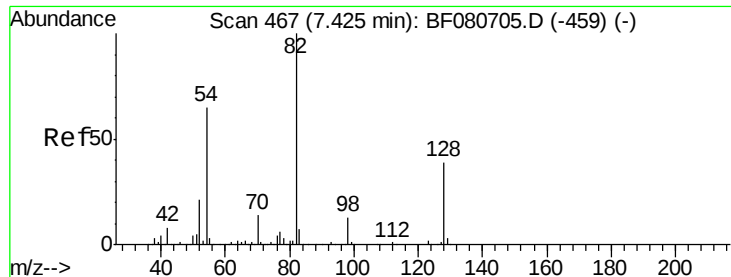
#22
Acetophenone
Concen: 37.67 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:	105	Resp:	679527
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.4	5.0
51	62.5	47.9	71.9
120	19.5	15.0	22.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.62 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

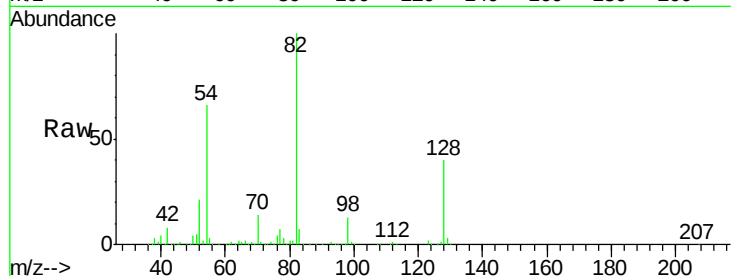
Tgt Ion: 82 Resp: 1228684

Ion Ratio Lower Upper

82 100

128 39.6 31.5 47.3

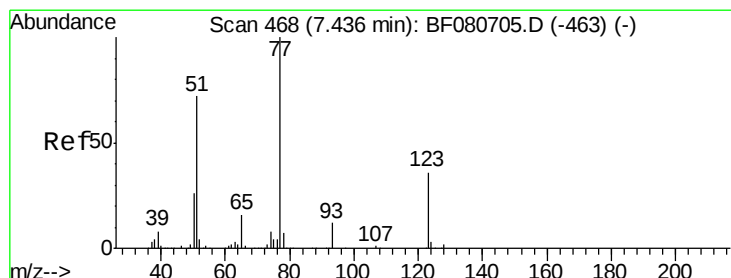
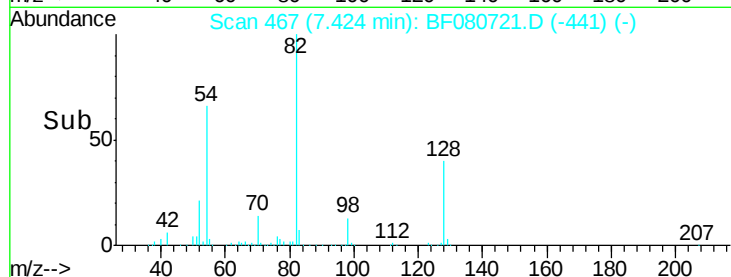
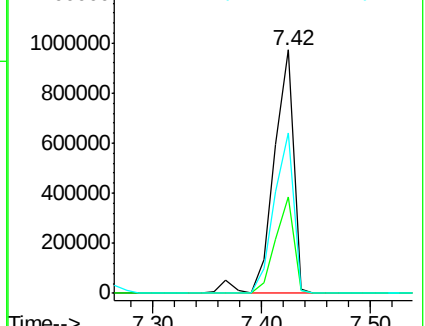
54 65.7 51.8 77.8



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: 35.01 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

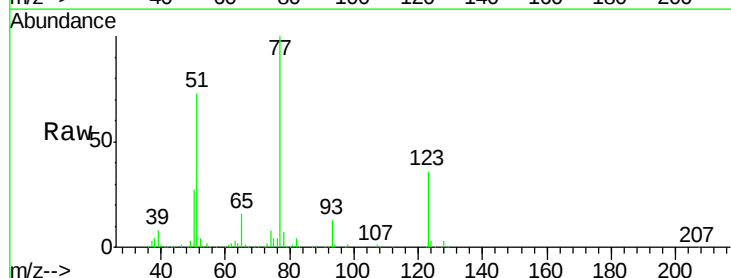
Tgt Ion: 77 Resp: 541233

Ion Ratio Lower Upper

77 100

123 36.2 28.9 43.3

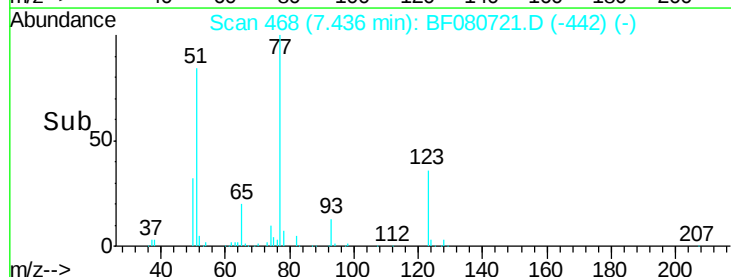
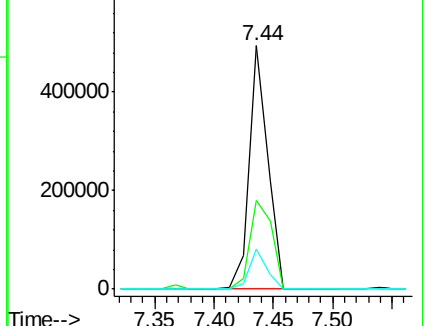
65 16.4 13.0 19.4

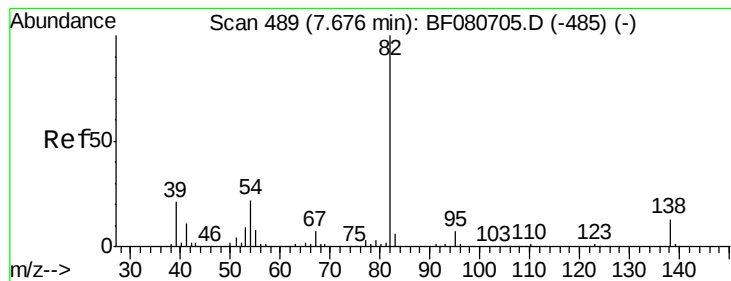


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.98 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

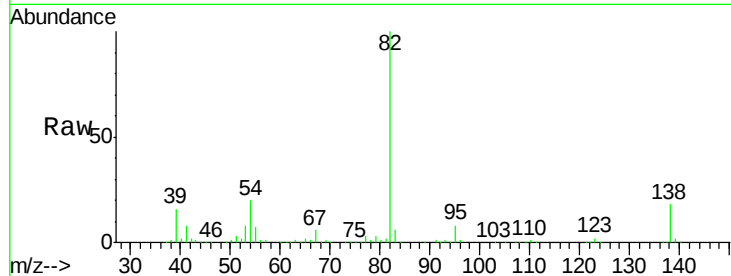
Tgt Ion: 82 Resp: 1069601

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.6

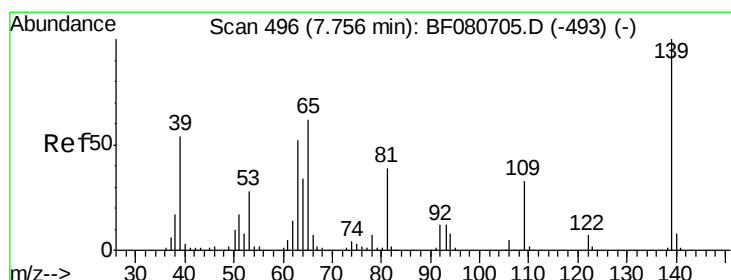
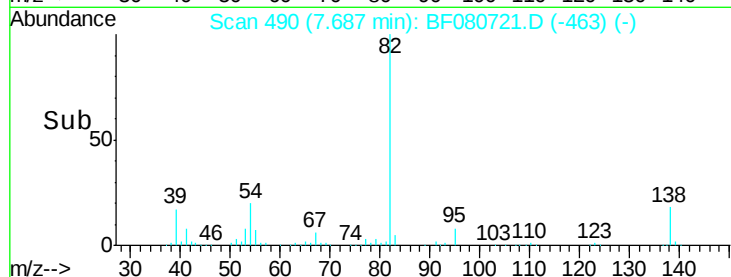
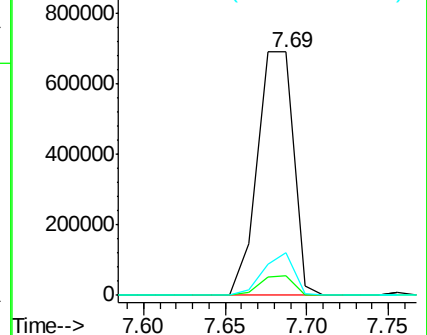
138 17.7 10.7 16.1#



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: 43.64 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

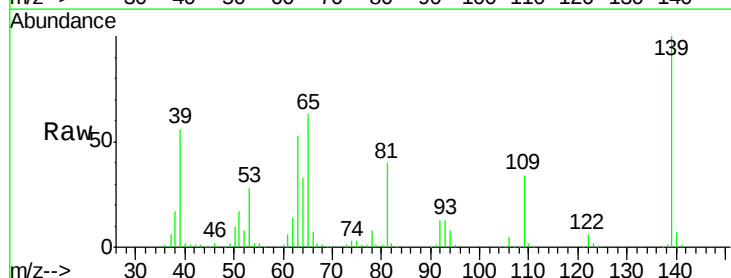
Tgt Ion: 139 Resp: 273906

Ion Ratio Lower Upper

139 100

109 34.2 26.5 39.7

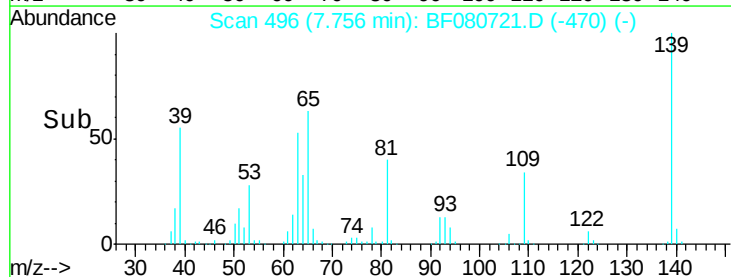
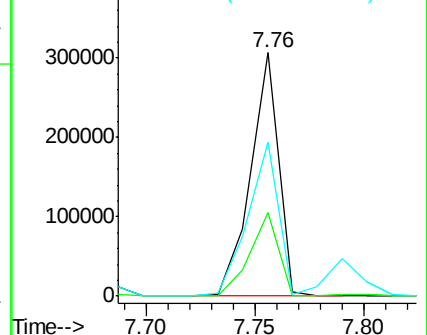
65 63.3 49.8 74.8

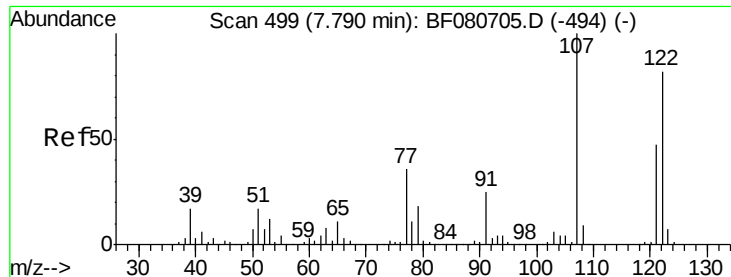


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.14 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

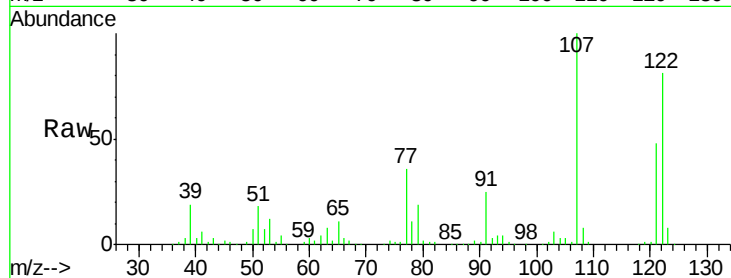
Tgt Ion:122 Resp: 461490

Ion Ratio Lower Upper

122 100

107 124.1 98.1 147.1

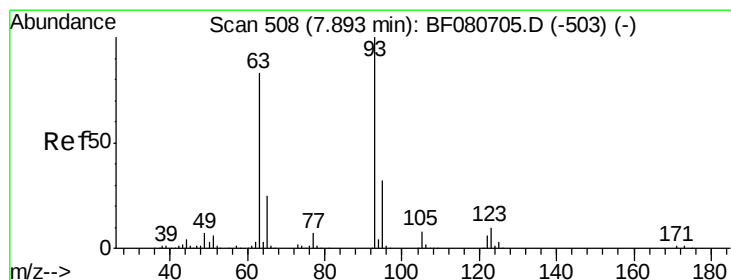
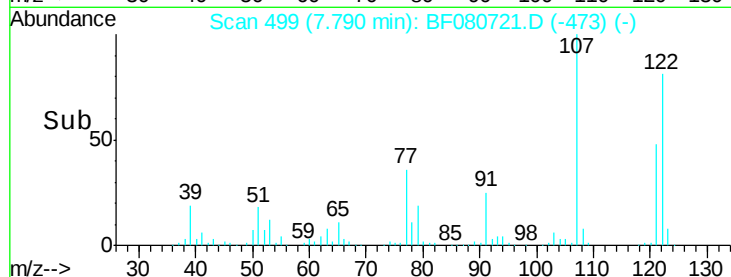
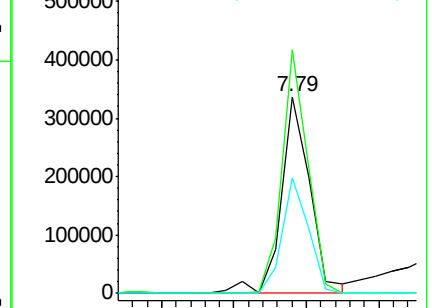
121 59.1 45.8 68.8



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: 39.89 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

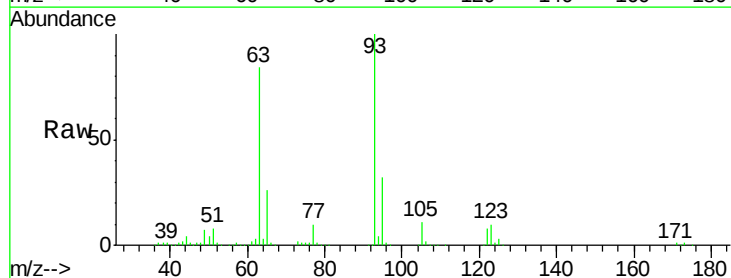
Tgt Ion: 93 Resp: 648568

Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

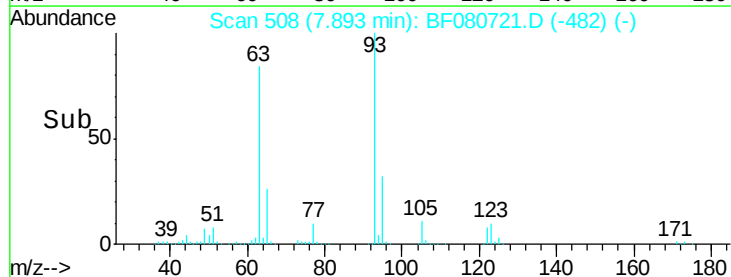
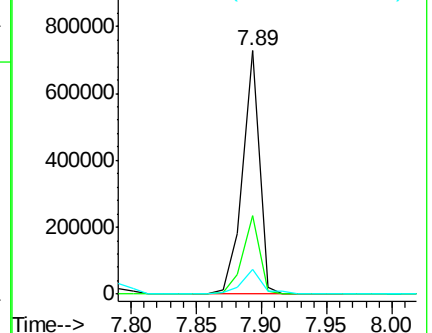
123 10.0 8.2 12.4

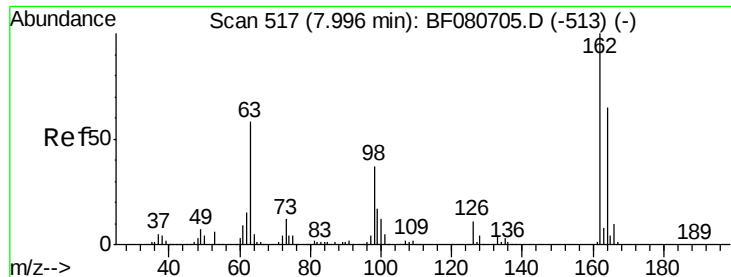


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

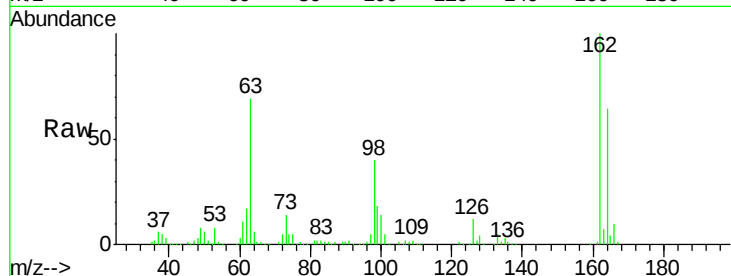




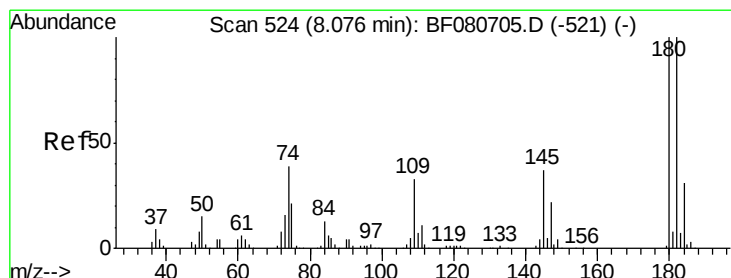
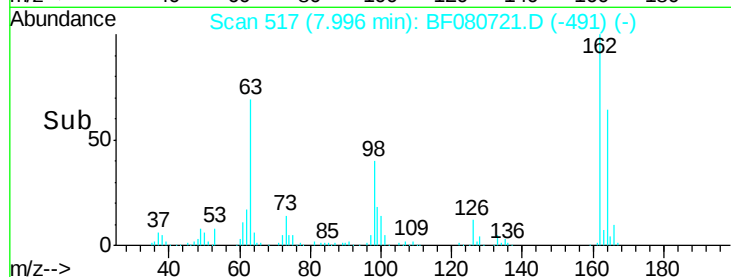
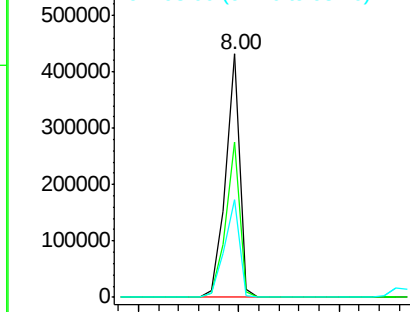
#29
2,4-Dichlorophenol
Concen: 40.44 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.1	85.1
98	40.0	17.0	57.0

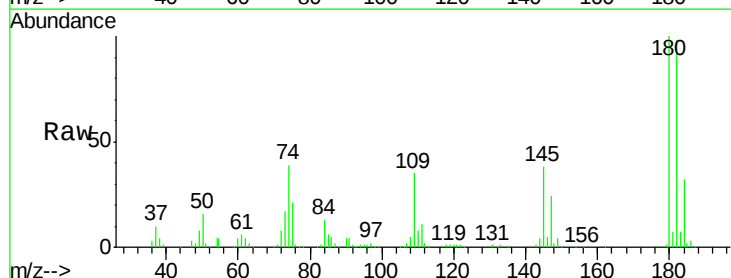


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

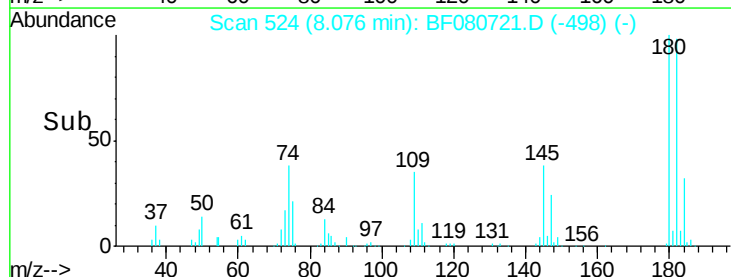
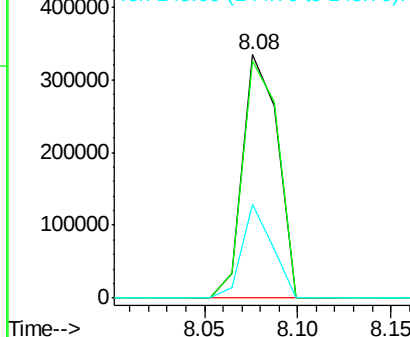


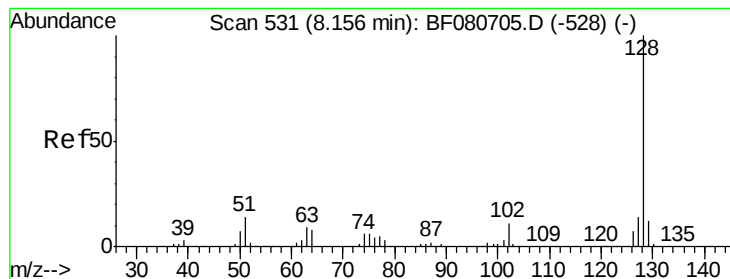
#30
1,2,4-Trichlorobenzene
Concen: 38.07 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.8	119.8
145	38.4	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: 37.55 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

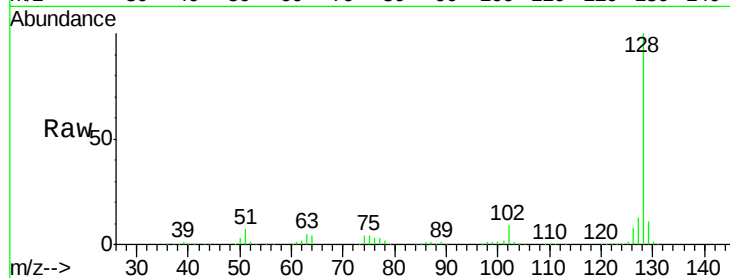
Tgt Ion:128 Resp: 1400820

Ion Ratio Lower Upper

128 100

129 10.7 9.5 14.3

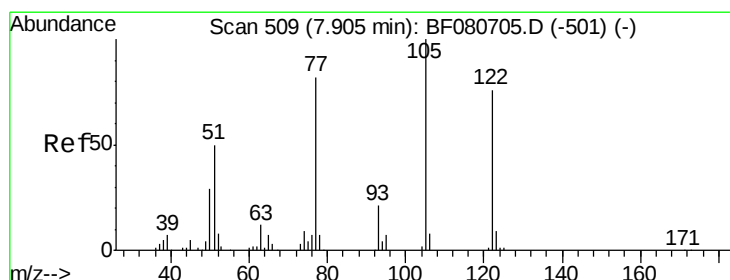
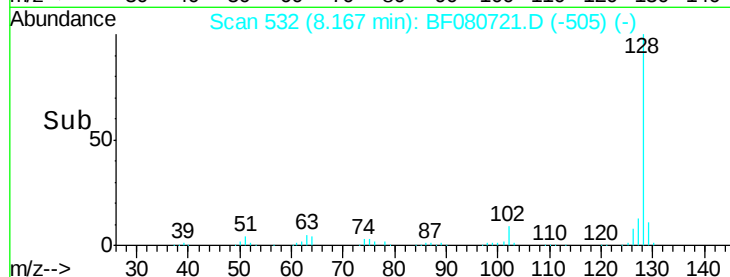
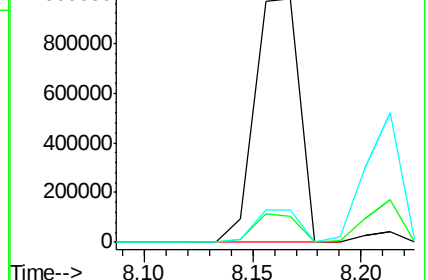
127 13.3 11.0 16.6



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: 40.38 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

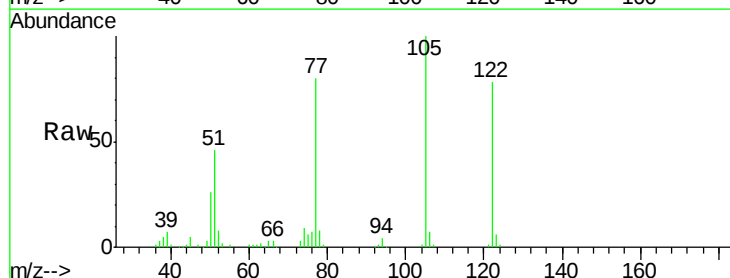
Tgt Ion:122 Resp: 333453

Ion Ratio Lower Upper

122 100

105 128.3 111.3 151.3

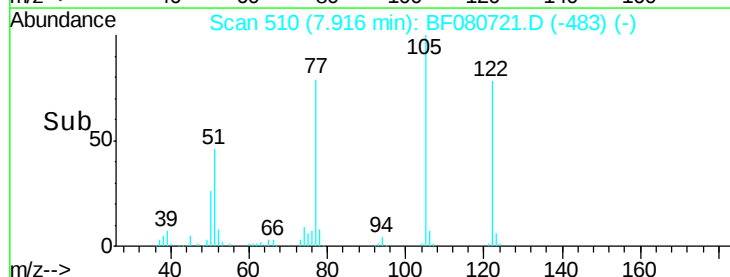
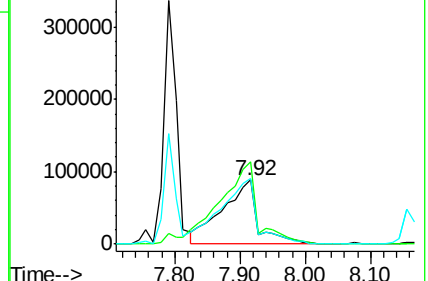
77 102.1 88.1 128.1

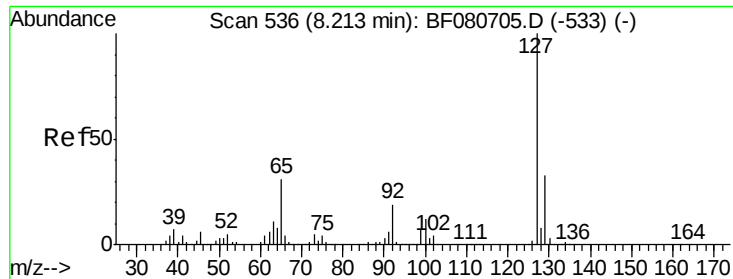


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

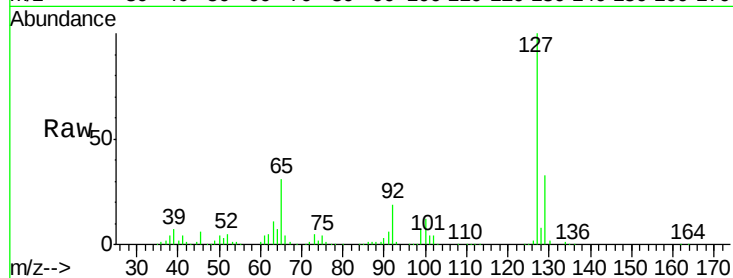




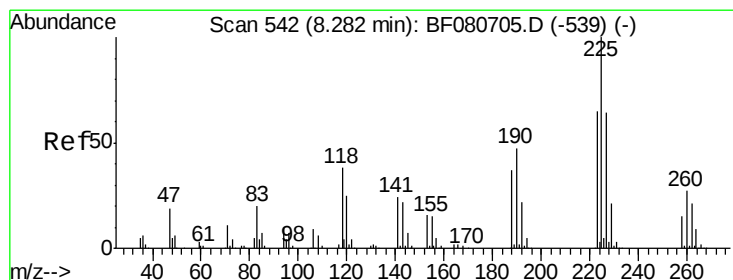
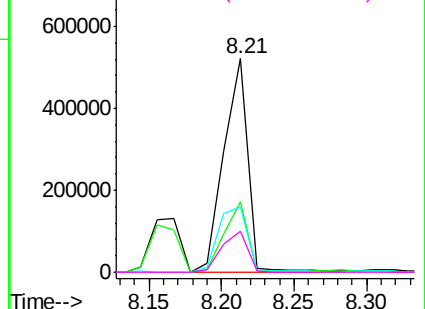
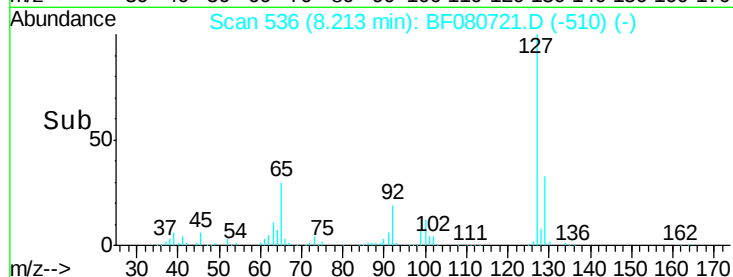
#33
4-Chloroaniline
Concen: 38.13 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	600199
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	30.8	24.5	36.7
92	19.2	15.2	22.8

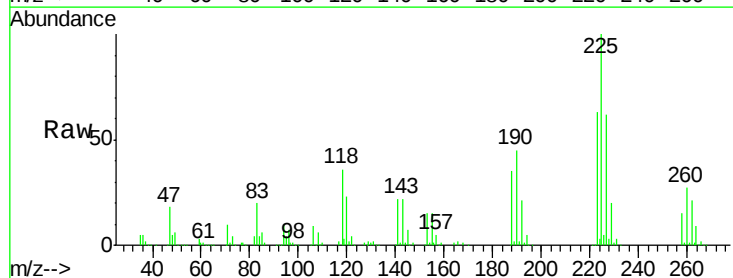


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

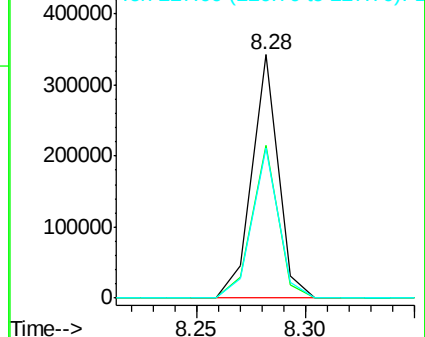
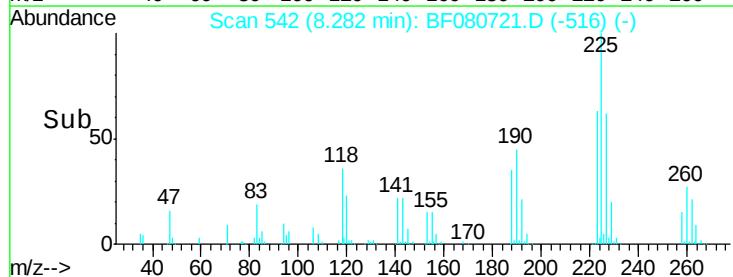


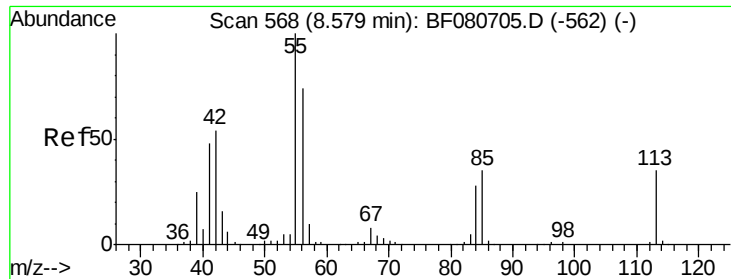
#34
Hexachlorobutadiene
Concen: 39.01 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:	225	Resp:	287836
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.7	77.5
227	61.8	51.0	76.4



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

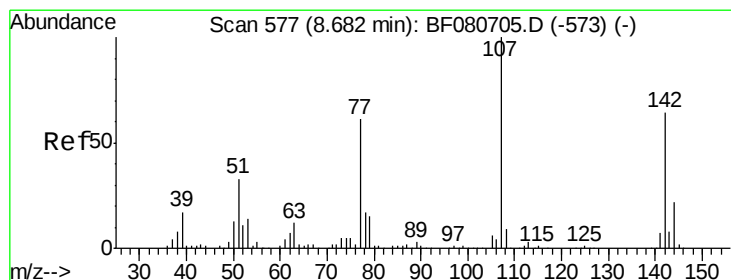
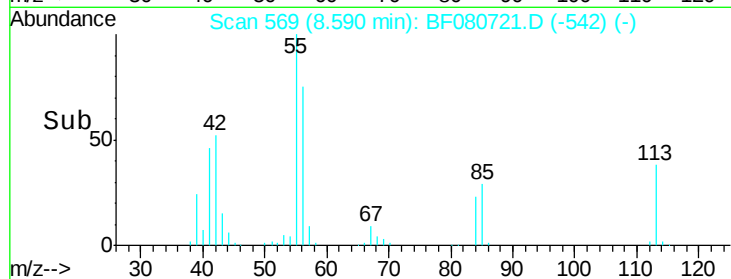
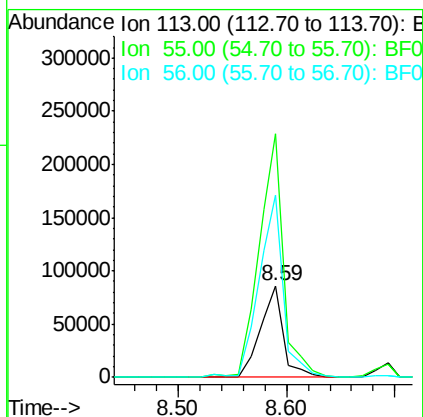
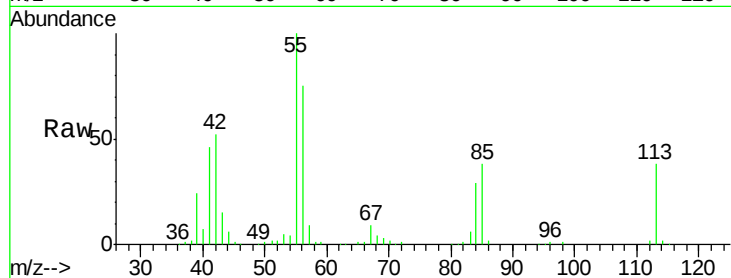




#35
 Caprolactam
 Concen: 40.60 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

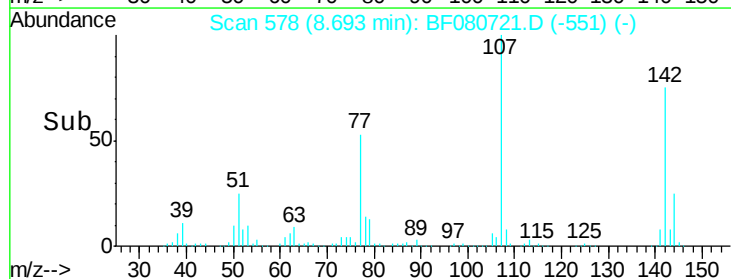
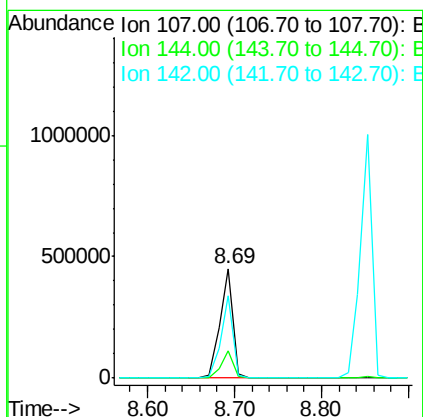
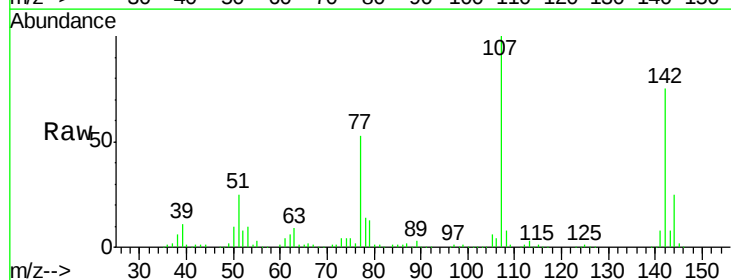
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

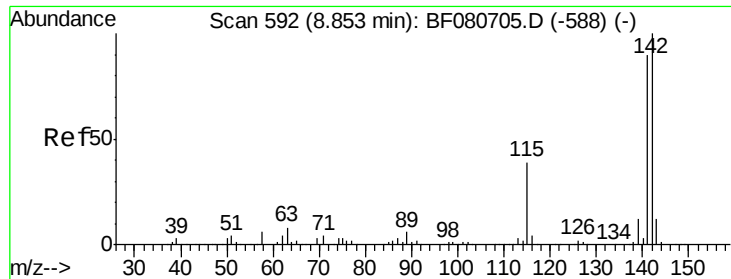
Tgt Ion:113 Resp: 127407
 Ion Ratio Lower Upper
 113 100
 55 266.3 269.3 309.3#
 56 199.9 193.3 233.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.59 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:107 Resp: 481172
 Ion Ratio Lower Upper
 107 100
 144 25.1 17.2 25.8
 142 74.9 51.2 76.8

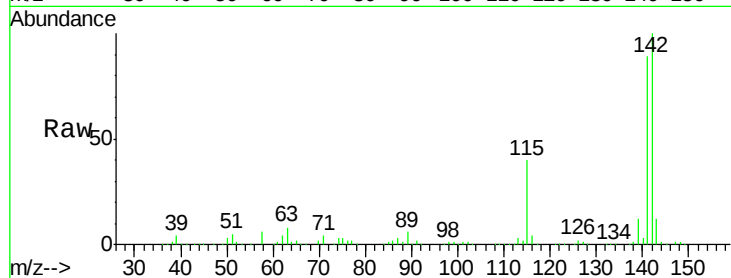




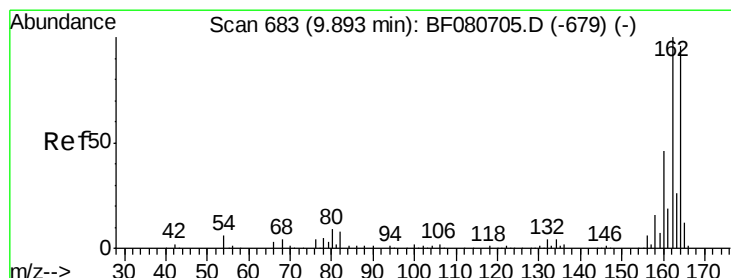
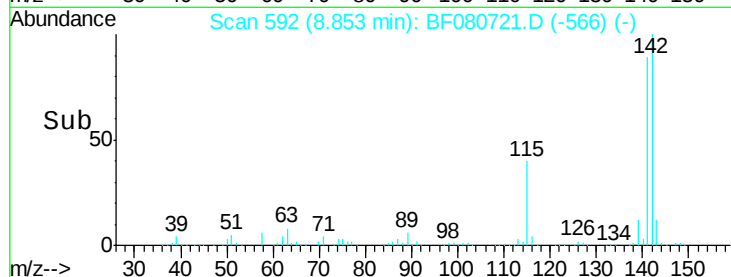
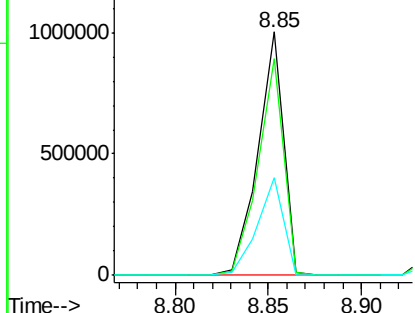
#37
 2-Methylnaphthalene
 Concen: 40.42 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 946528
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.9 107.9
 115 40.2 31.4 47.2

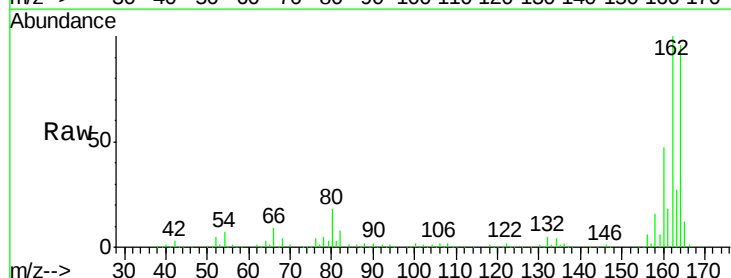


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

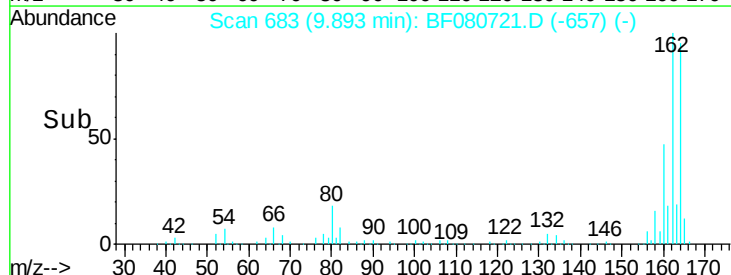
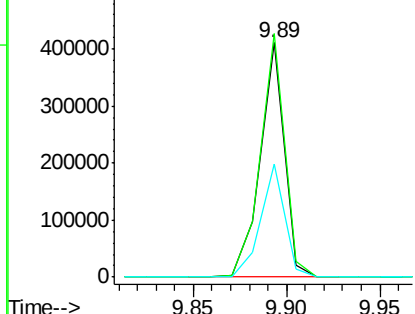


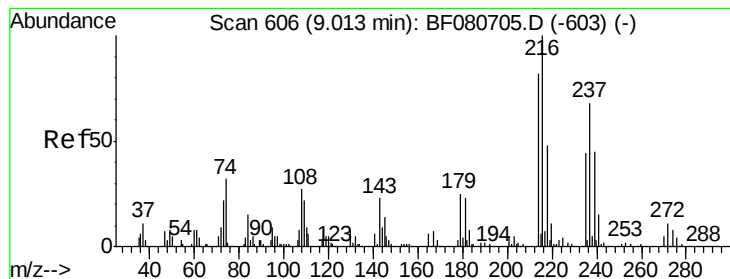
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:164 Resp: 364344
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 48.4 38.0 57.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.53 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 395105

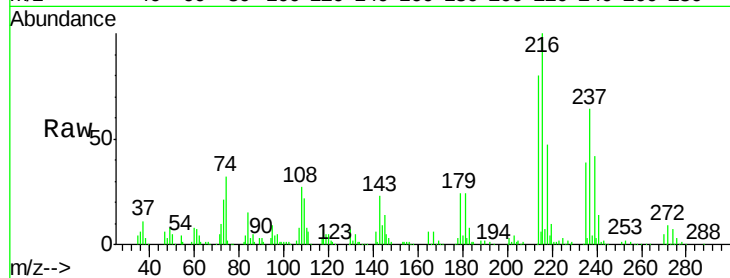
Ion Ratio Lower Upper

216 100

214 79.8 63.1 94.7

179 21.6 16.9 25.3

108 21.8 17.0 25.6

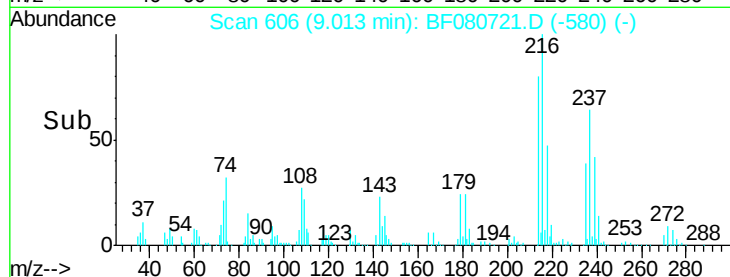


Abundance Ion 216.00 (215.70 to 216.70): E

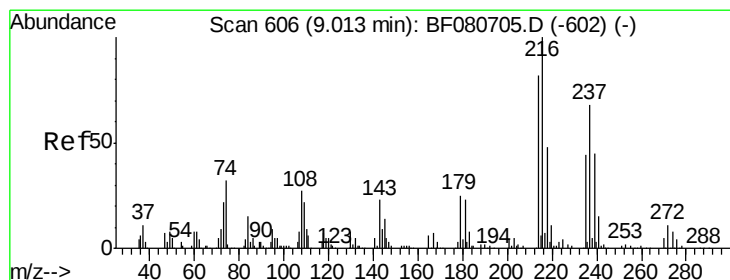
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 38.13 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

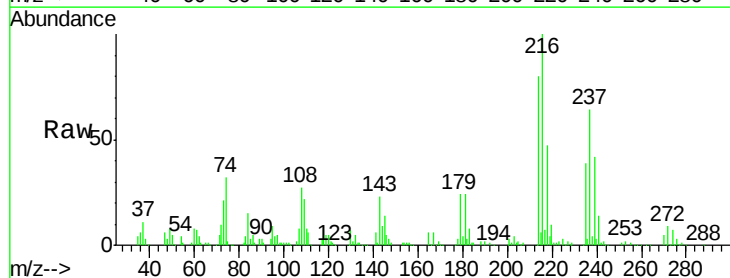
Tgt Ion:237 Resp: 268416

Ion Ratio Lower Upper

237 100

235 60.9 44.3 84.3

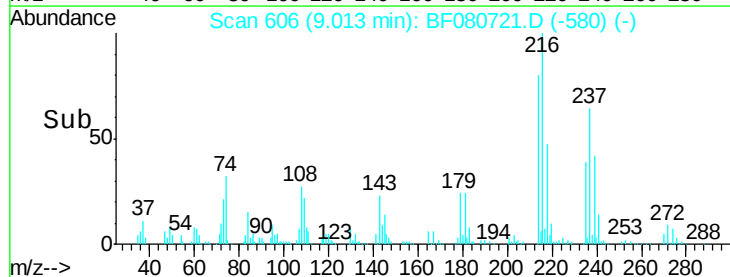
272 14.7 0.0 35.5



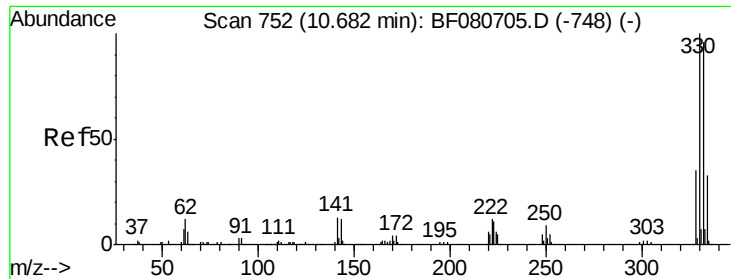
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



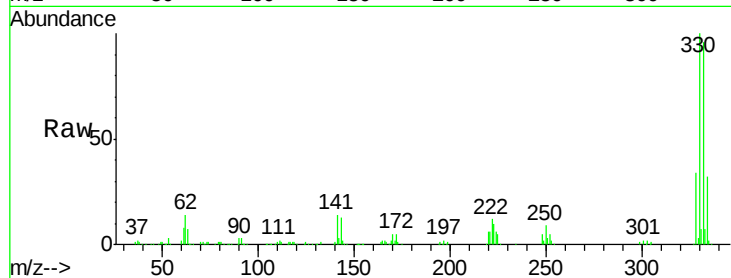
Time-->



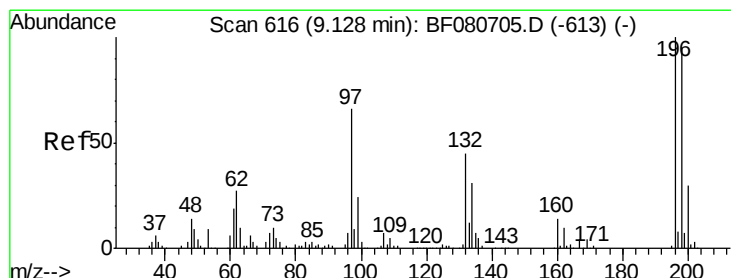
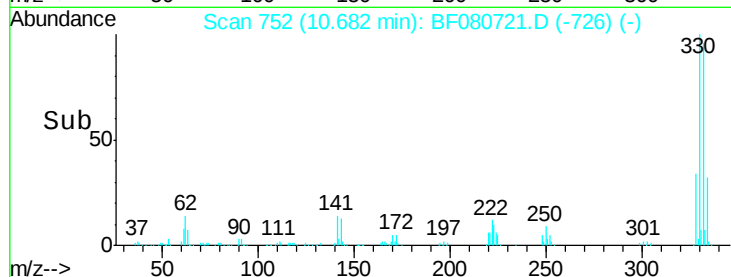
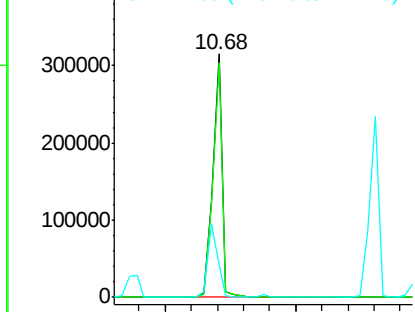
#41
 2,4,6-Tribromophenol
 Concen: 84.82 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 320666
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 31.5 26.0 39.0

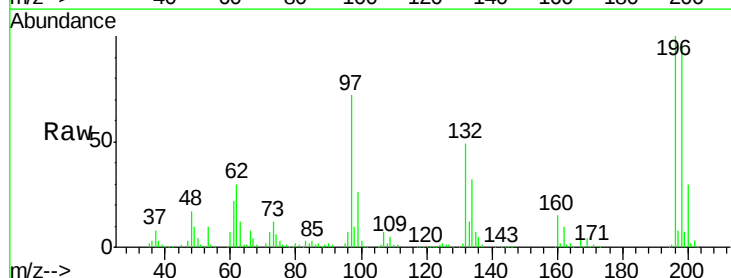


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

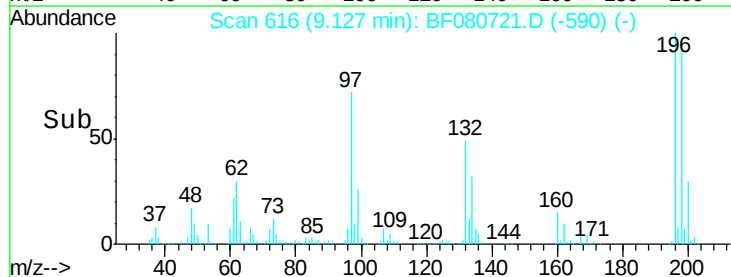
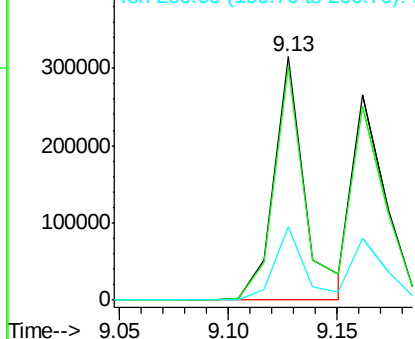


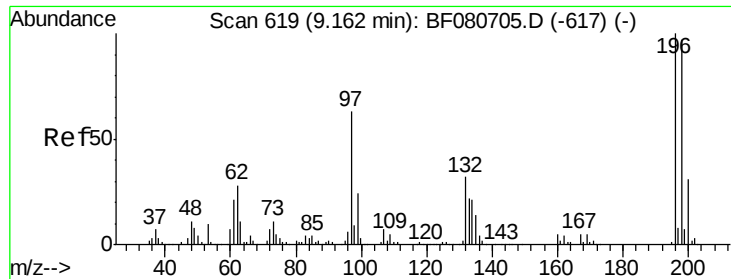
#42
 2,4,6-Trichlorophenol
 Concen: 39.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:196 Resp: 312448
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.8 113.8
 200 30.2 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

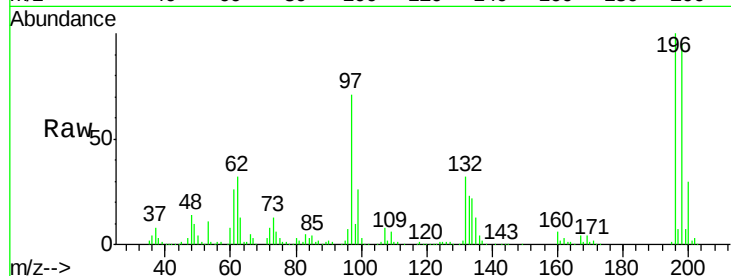




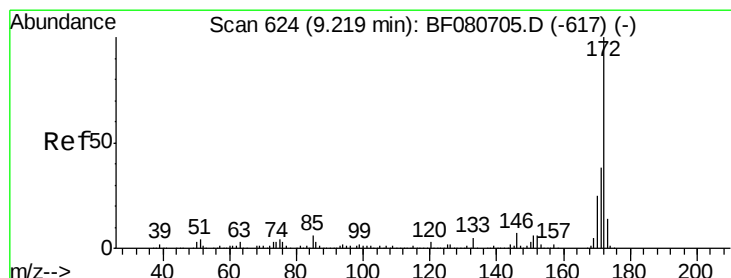
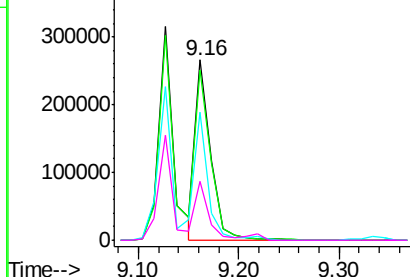
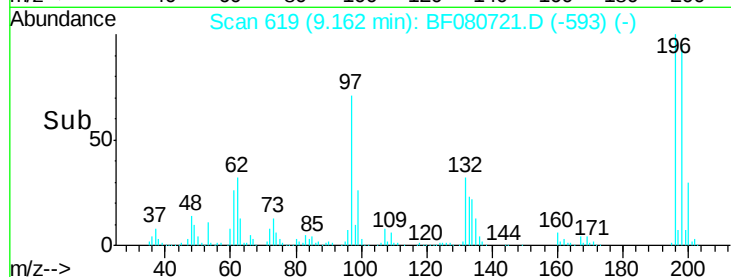
#43
 2,4,5-Trichlorophenol
 Concen: 36.50 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 288173
 Ion Ratio Lower Upper
 196 100
 198 94.6 77.8 116.8
 97 71.4 49.0 73.4
 132 32.5 25.4 38.0

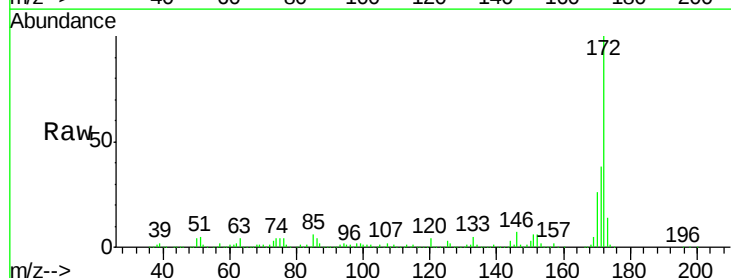


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

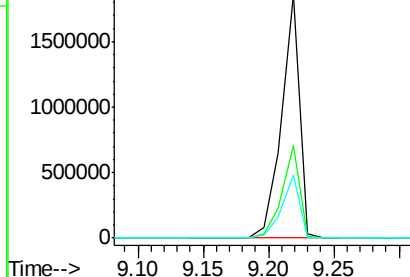
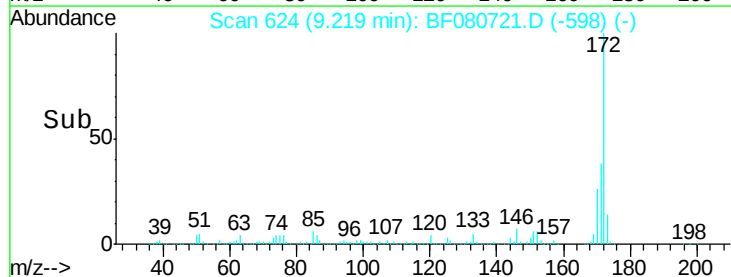


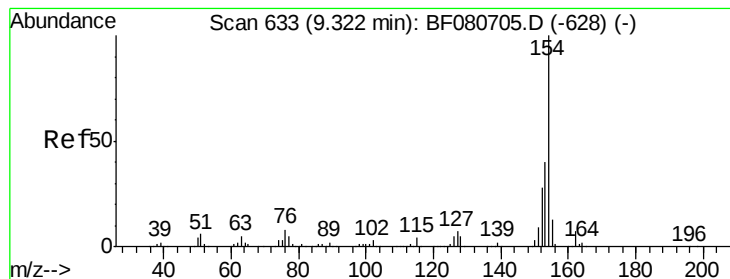
#44
 2-Fluorobiphenyl
 Concen: 73.39 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:172 Resp: 1792347
 Ion Ratio Lower Upper
 172 100
 171 38.2 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: 37.36 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

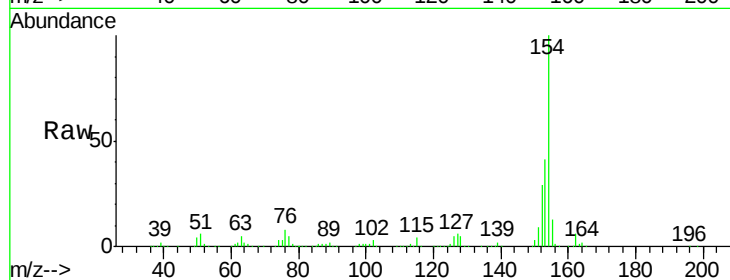
Tgt Ion:154 Resp: 1043643

Ion Ratio Lower Upper

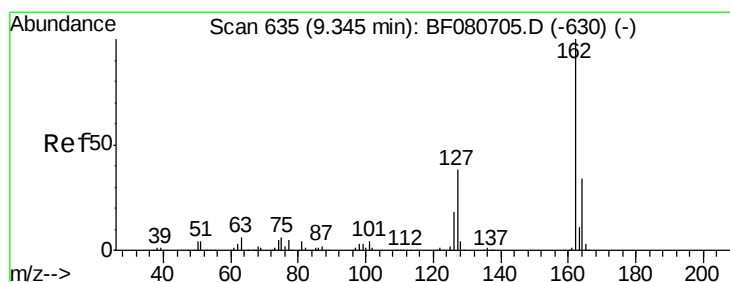
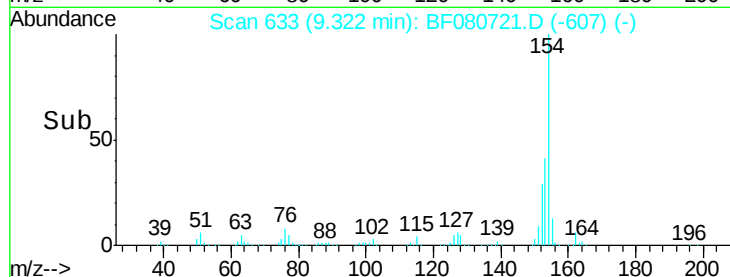
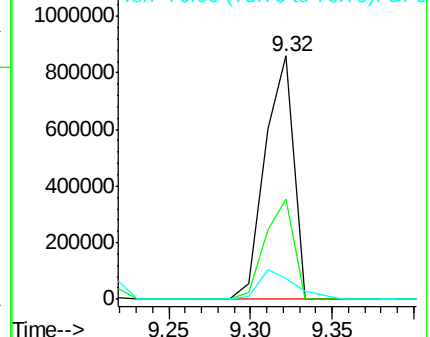
154 100

153 41.0 19.9 59.9

76 8.4 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: 37.27 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

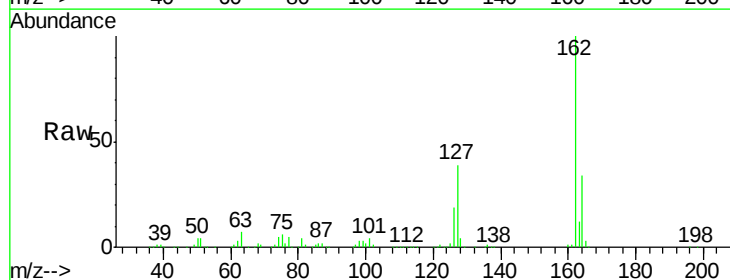
Tgt Ion:162 Resp: 850489

Ion Ratio Lower Upper

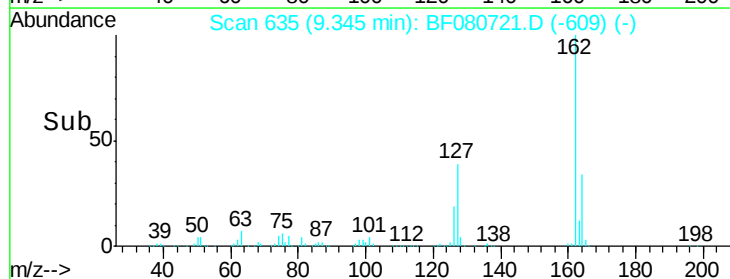
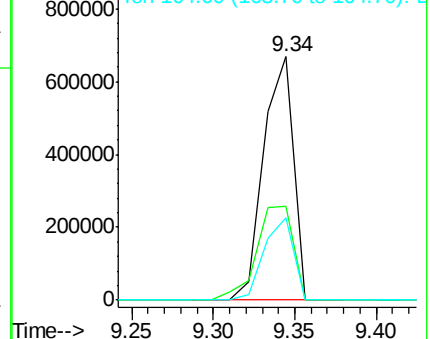
162 100

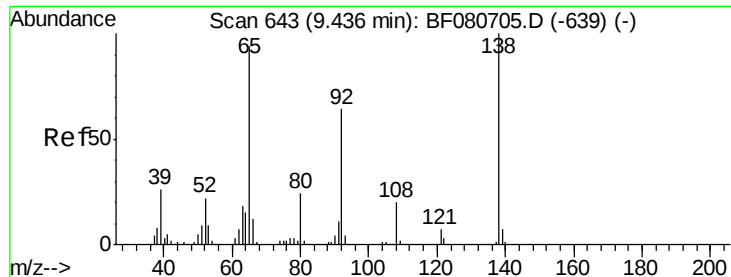
127 38.7 30.2 45.4

164 33.6 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: 42.57 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

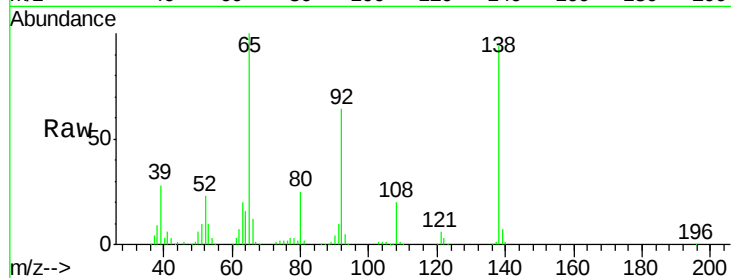
Tgt Ion: 65 Resp: 377903

Ion Ratio Lower Upper

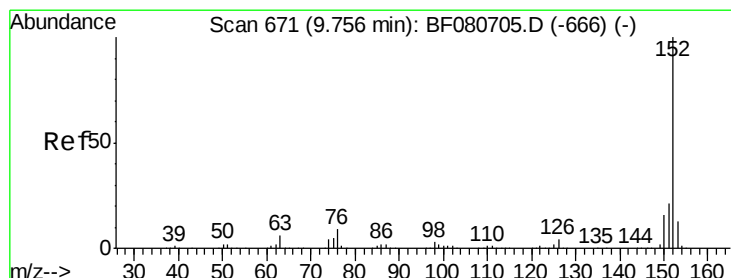
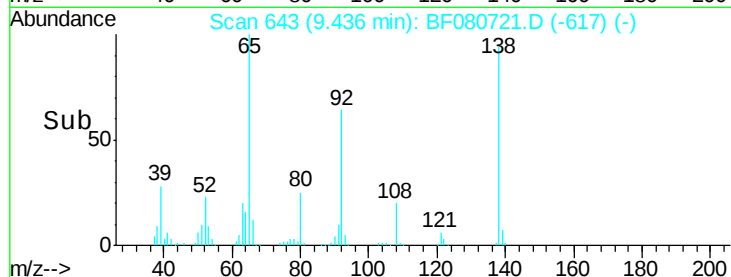
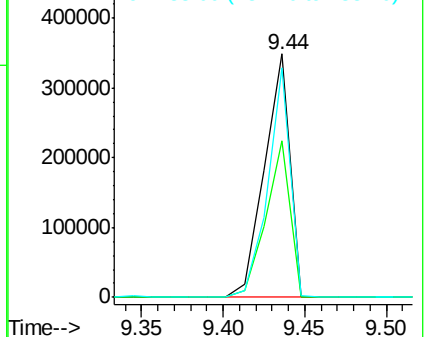
65 100

92 64.2 54.9 82.3

138 94.4 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): BF0



#48

Acenaphthylene

Concen: 39.64 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

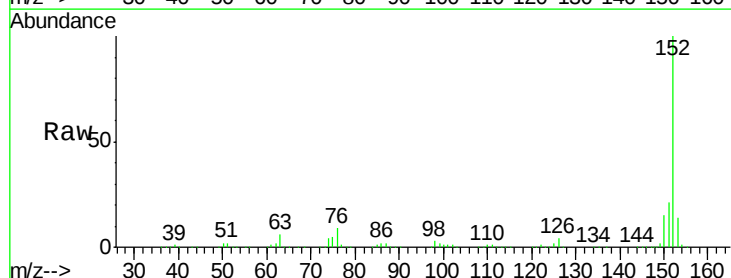
Tgt Ion: 152 Resp: 1438254

Ion Ratio Lower Upper

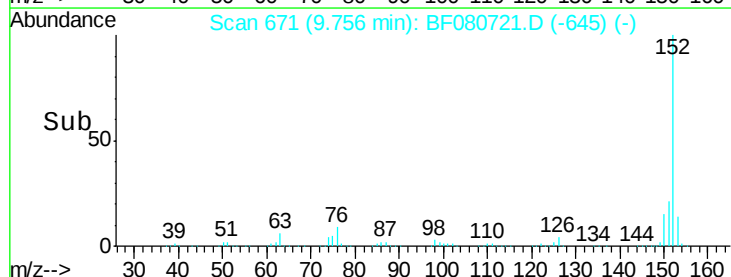
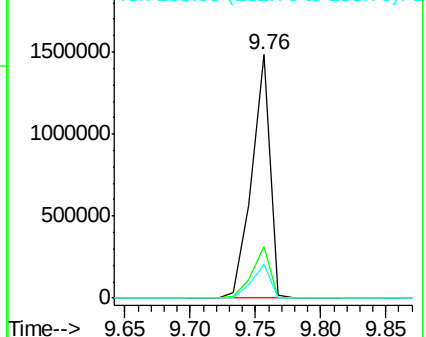
152 100

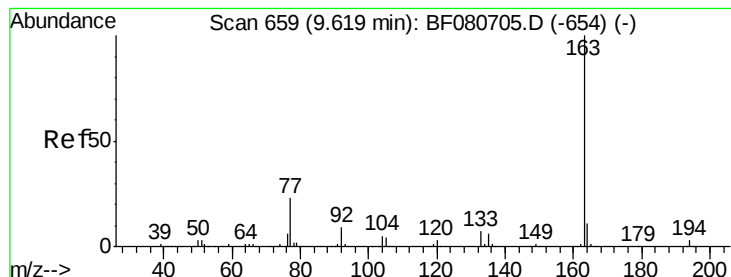
151 21.3 17.0 25.6

153 13.7 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: 35.97 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

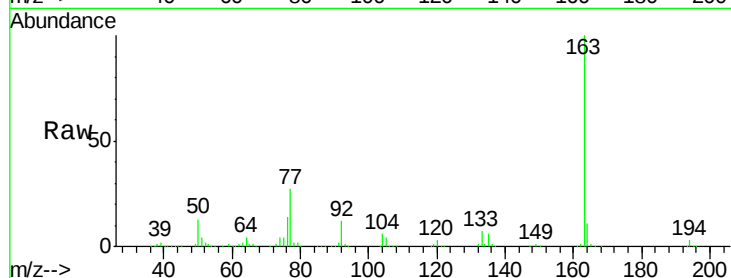
Tgt Ion:163 Resp: 923582

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

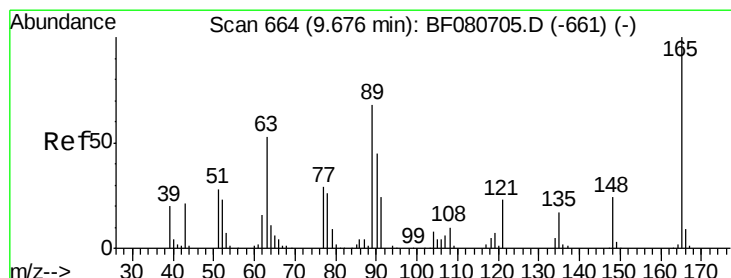
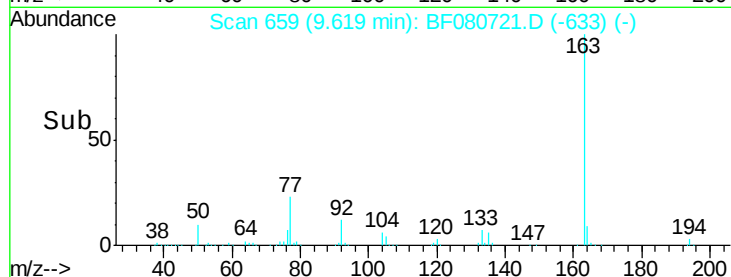
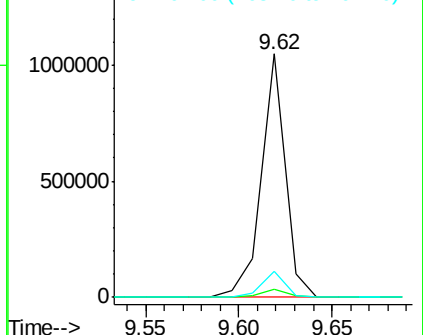
164 10.7 8.7 13.1



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: 36.43 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

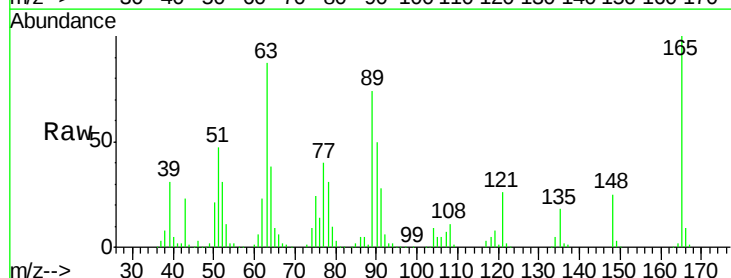
Tgt Ion:165 Resp: 198518

Ion Ratio Lower Upper

165 100

63 87.0 62.3 93.5

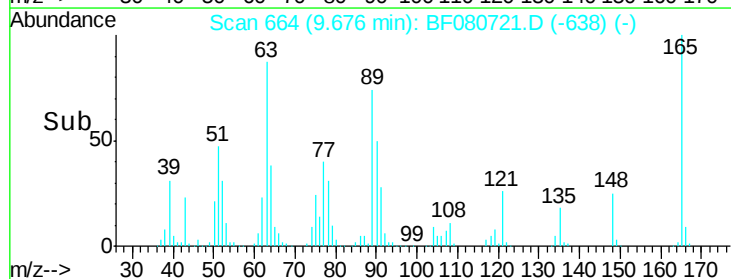
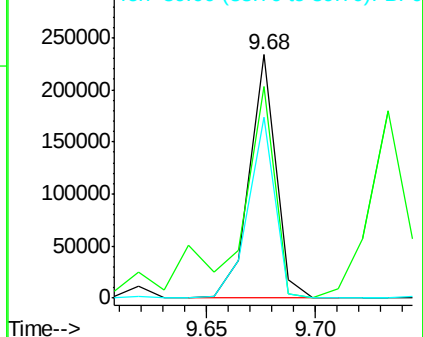
89 74.1 54.8 82.2

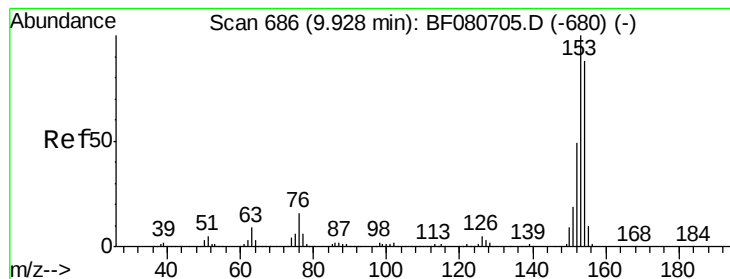


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.79 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

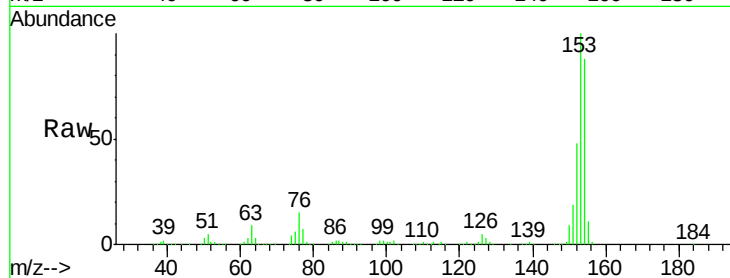
Tgt Ion:154 Resp: 880802

Ion Ratio Lower Upper

154 100

153 113.8 90.7 136.1

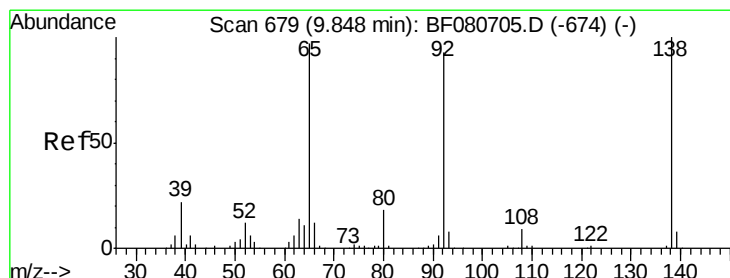
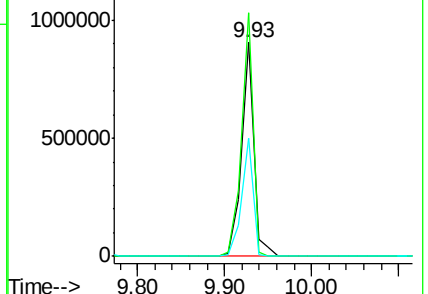
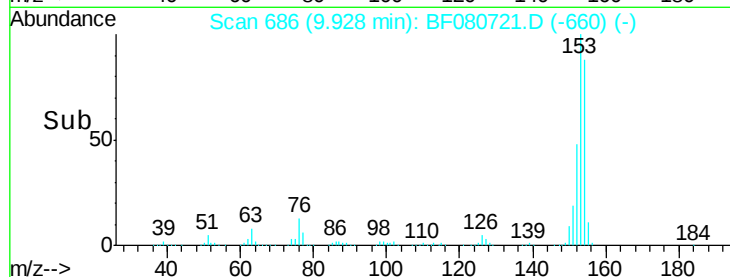
152 55.2 44.2 66.4



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: 40.03 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

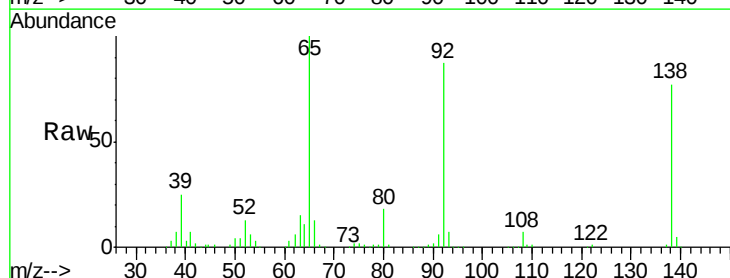
Tgt Ion:138 Resp: 251707

Ion Ratio Lower Upper

138 100

108 9.3 6.9 10.3

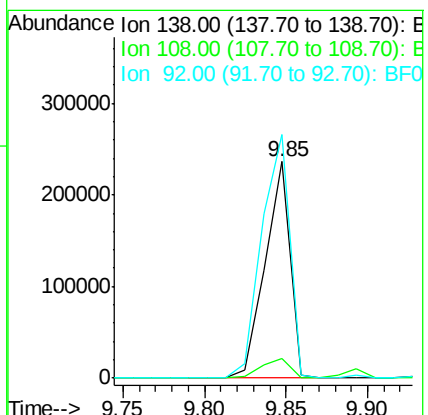
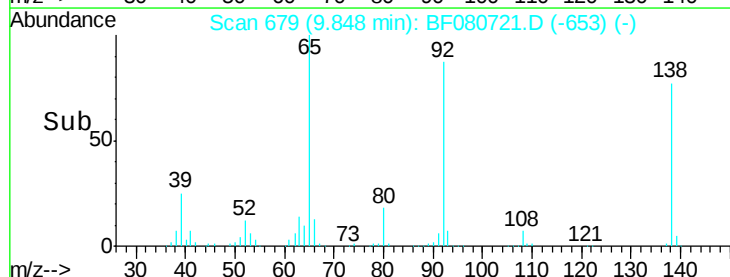
92 112.6 74.1 111.1#



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

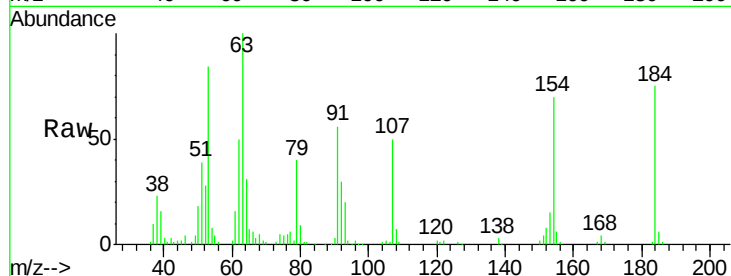




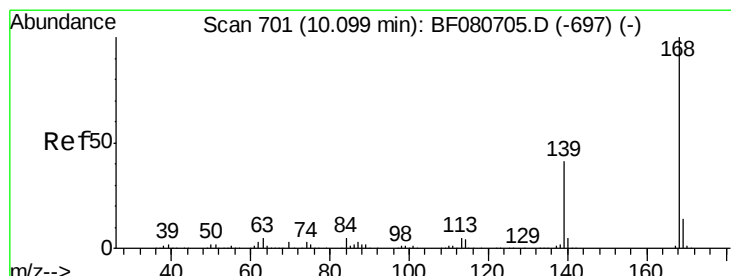
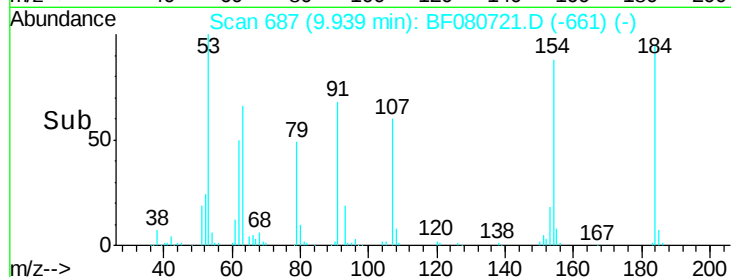
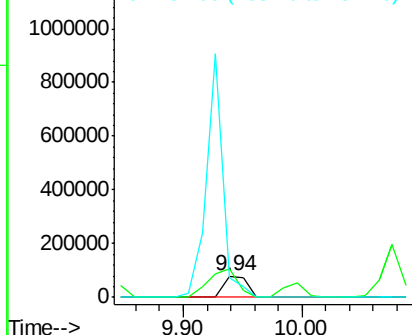
#53
2,4-Dinitrophenol
Concen: 38.60 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 112013
Ion Ratio Lower Upper
184 100
63 133.0 96.0 144.0
154 93.0 66.0 99.0

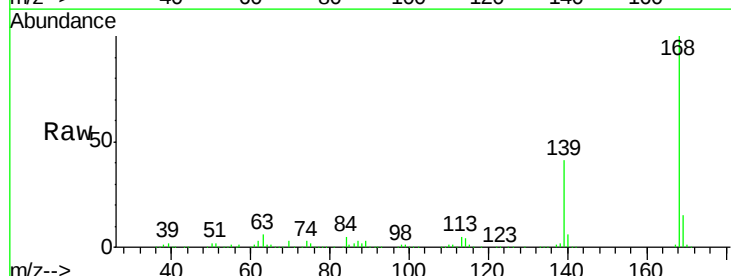


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

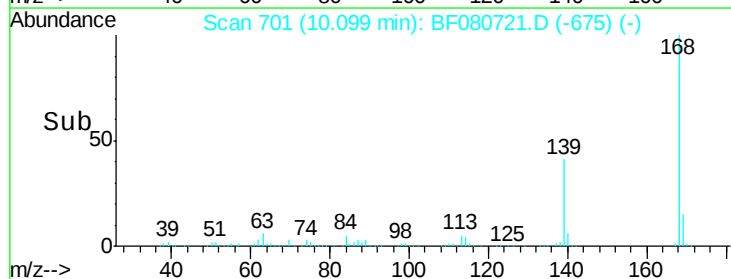
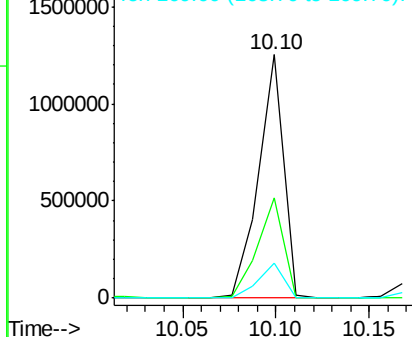


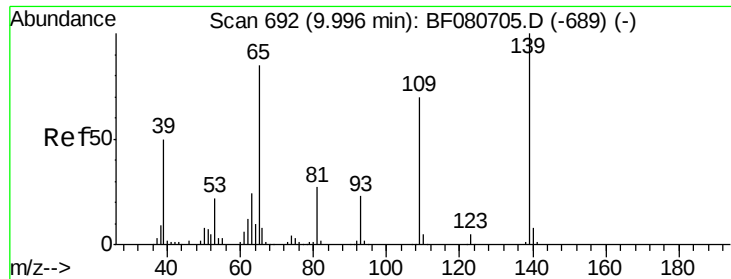
#54
Dibenzofuran
Concen: 39.12 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:168 Resp: 1158139
Ion Ratio Lower Upper
168 100
139 41.1 33.0 49.6
169 14.5 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: 39.45 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

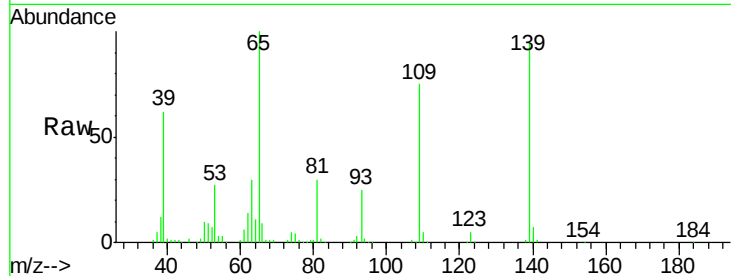
Tgt Ion:139 Resp: 182739

Ion Ratio Lower Upper

139 100

109 79.7 50.4 90.4

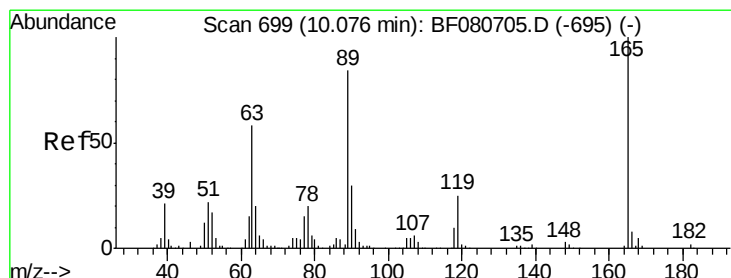
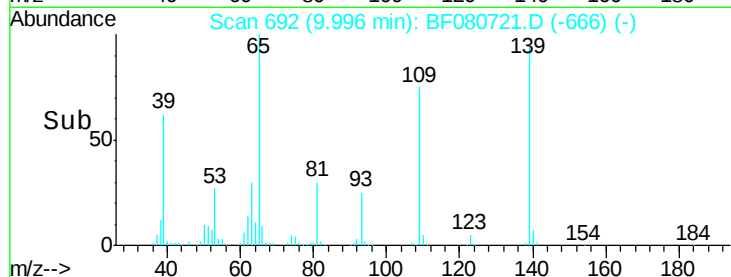
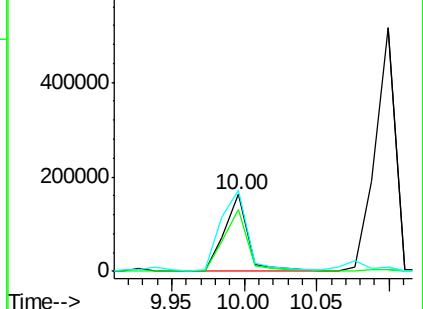
65 106.0 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.93 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Tgt Ion:165 Resp: 278158

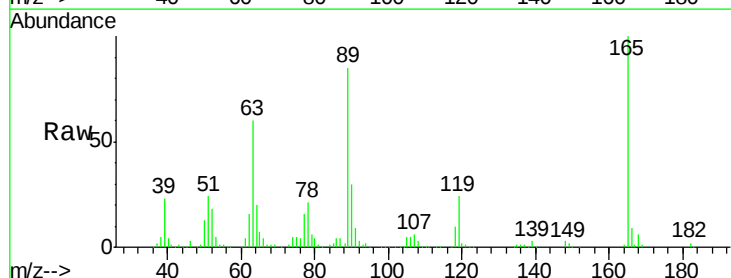
Ion Ratio Lower Upper

165 100

63 60.5 46.7 70.1

89 85.4 67.4 101.2

182 2.0 1.8 2.6

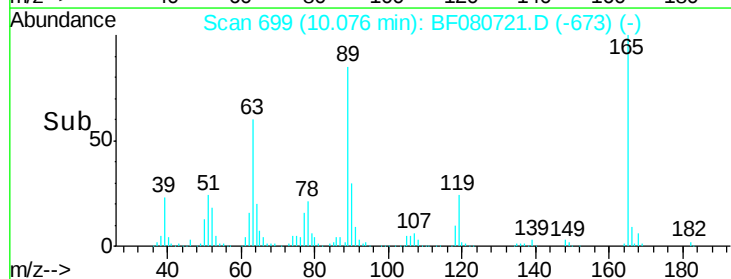
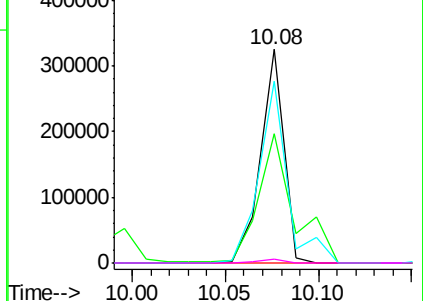


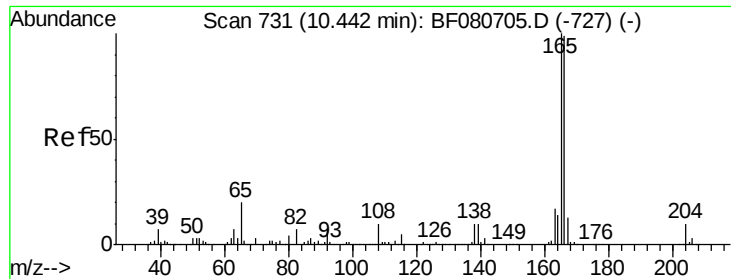
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

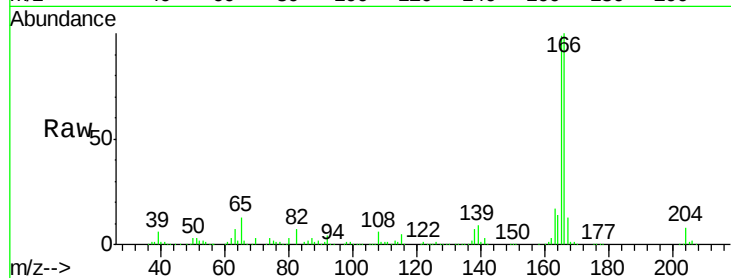




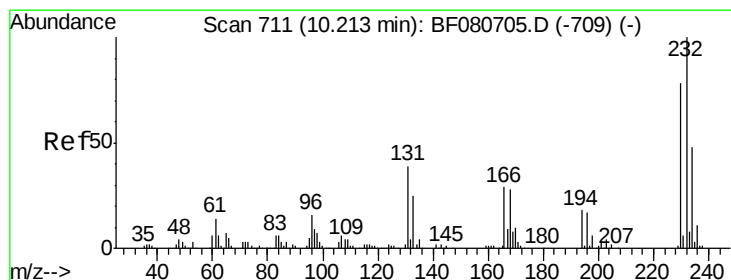
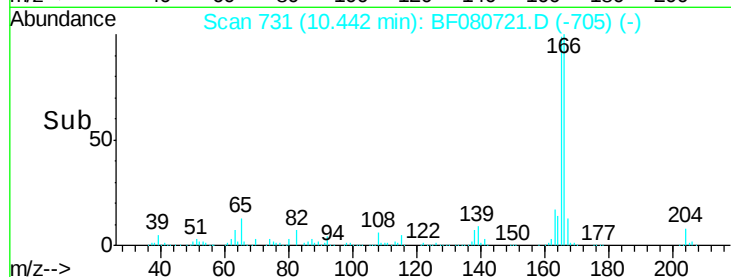
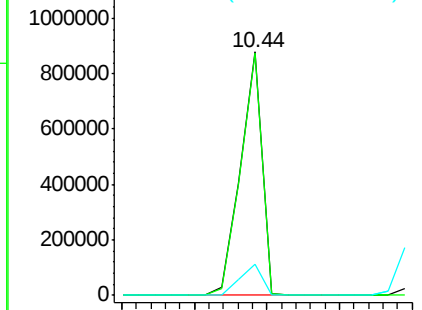
#57
Fluorene
 Concen: 39.23 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:166 Resp: 901482
 Ion Ratio Lower Upper
 166 100
 165 99.3 81.0 121.4
 167 13.0 10.8 16.2

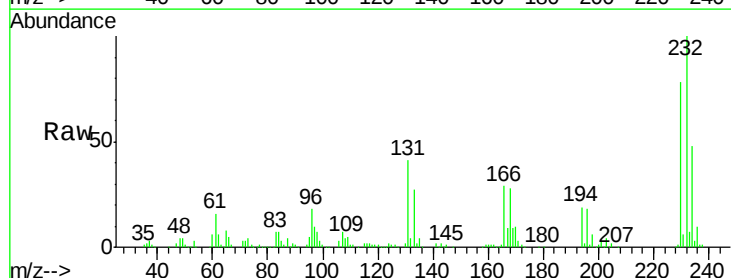


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

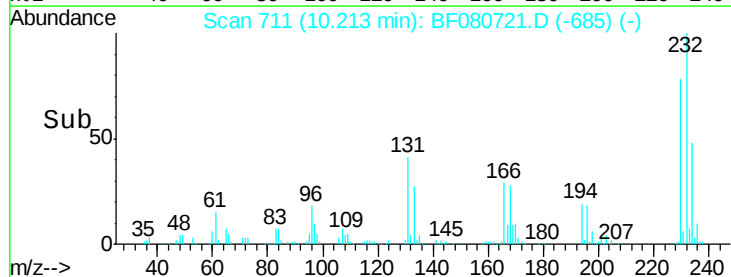
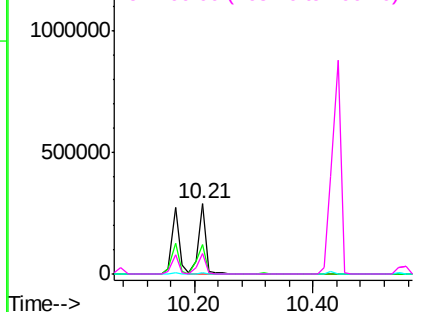


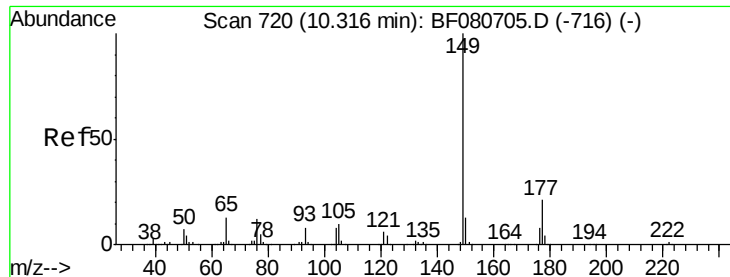
#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.06 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:232 Resp: 256375
 Ion Ratio Lower Upper
 232 100
 131 48.2 38.2 57.2
 130 2.4 1.8 2.6
 166 30.3 25.6 38.4



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





#59

Diethylphthalate

Concen: 37.78 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

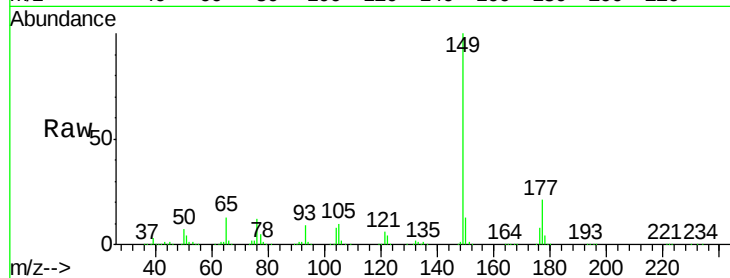
Tgt Ion:149 Resp: 935060

Ion Ratio Lower Upper

149 100

177 21.2 16.6 25.0

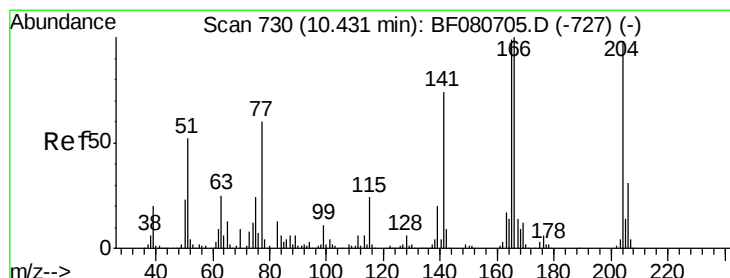
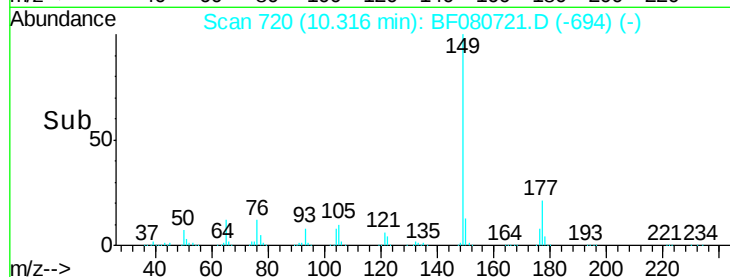
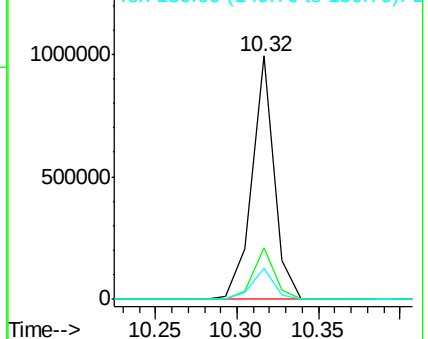
150 12.7 10.2 15.4



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: 38.10 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

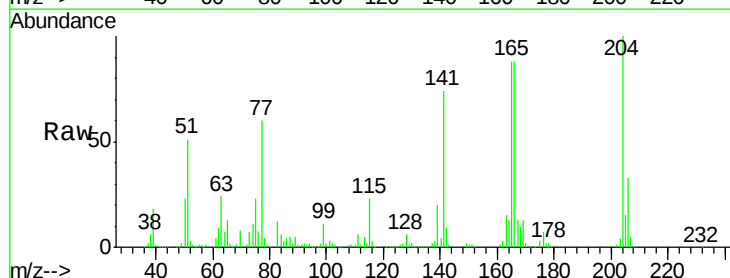
Tgt Ion:204 Resp: 381087

Ion Ratio Lower Upper

204 100

206 33.2 25.1 37.7

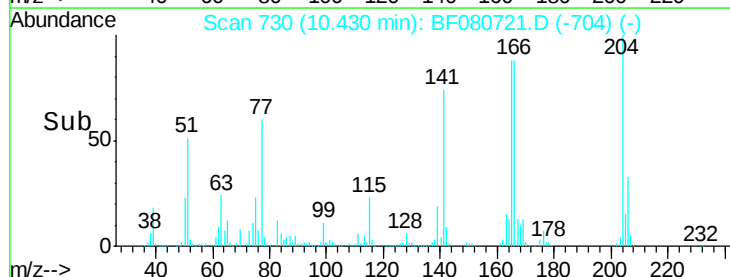
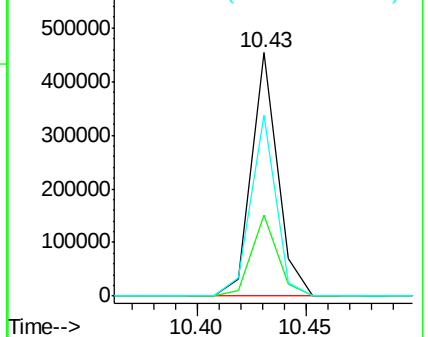
141 74.3 60.3 90.5

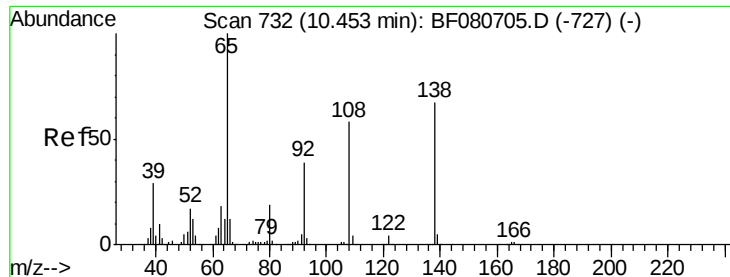


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.99 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

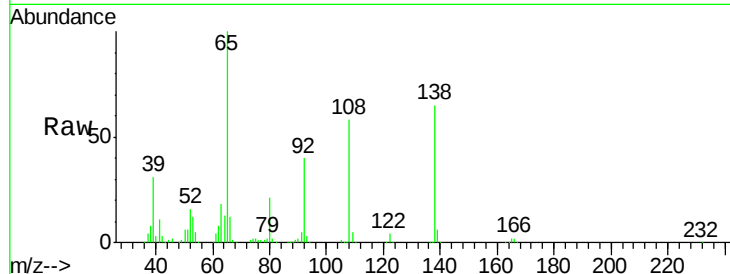
Tgt Ion:138 Resp: 198624

Ion Ratio Lower Upper

138 100

92 61.6 38.2 78.2

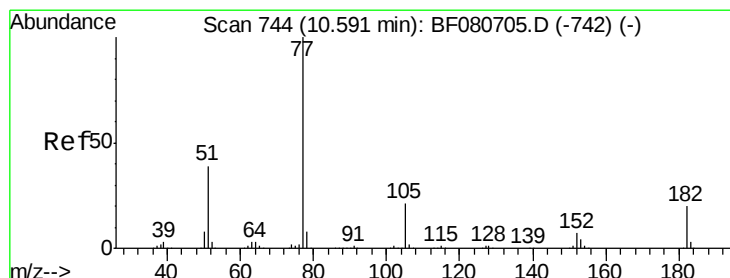
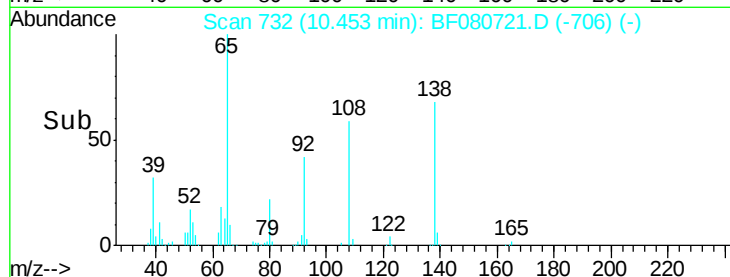
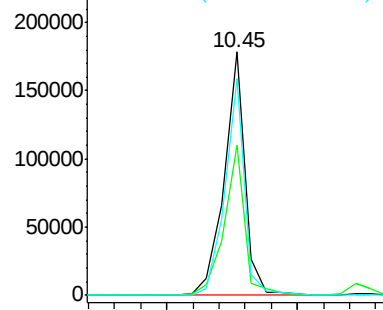
108 88.9 66.3 106.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.21 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Tgt Ion: 77 Resp: 1078019

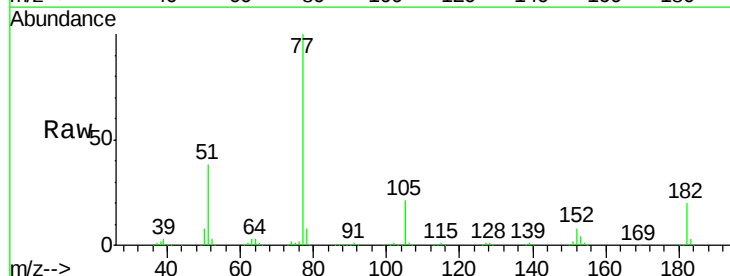
Ion Ratio Lower Upper

77 100

182 19.9 0.0 39.9

105 21.0 1.1 41.1

51 38.2 18.9 58.9

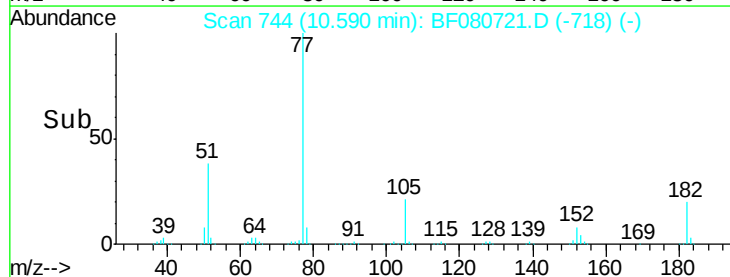
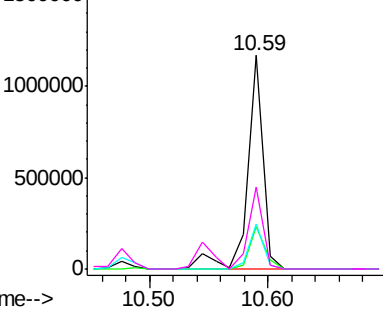


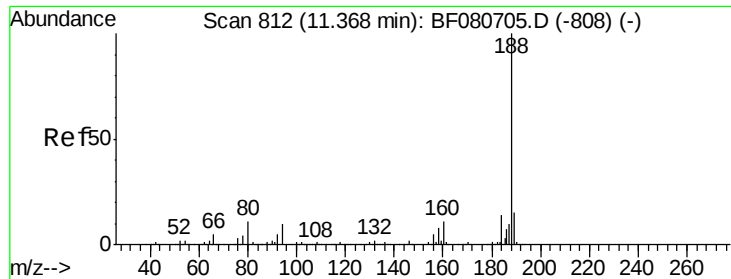
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

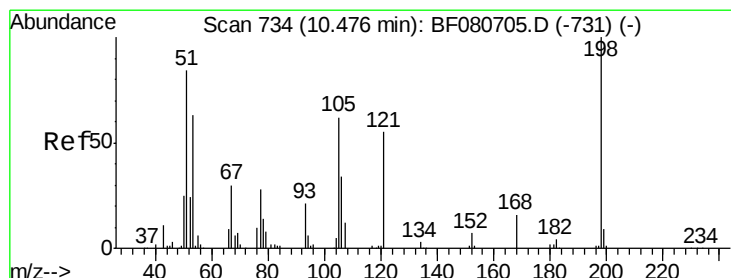
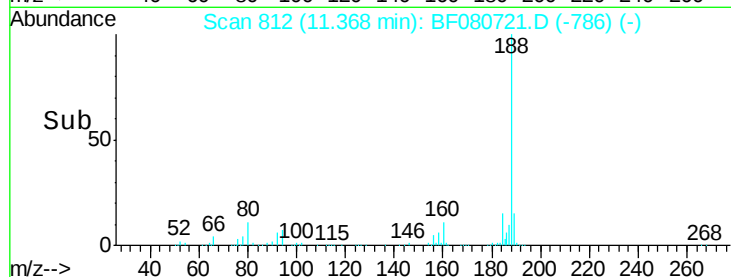
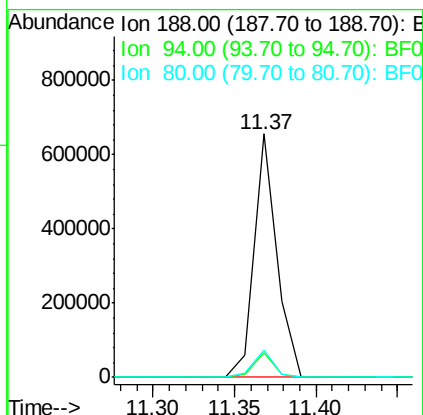
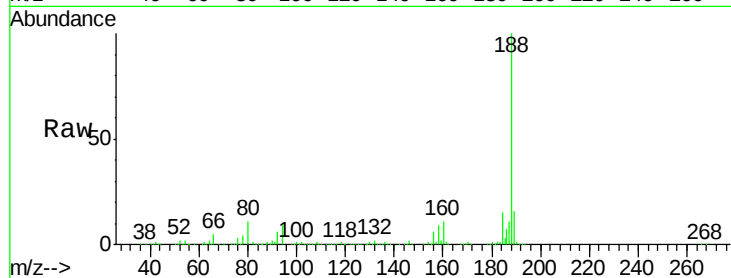




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

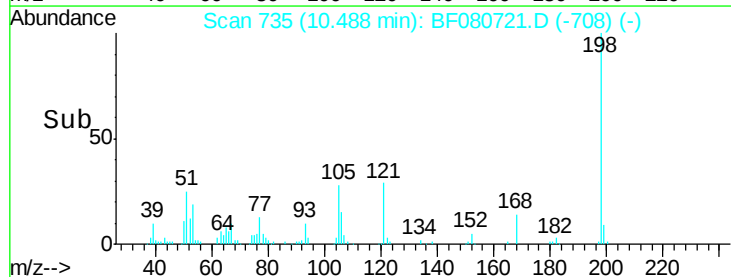
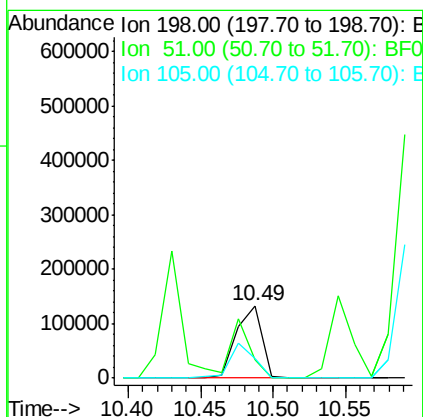
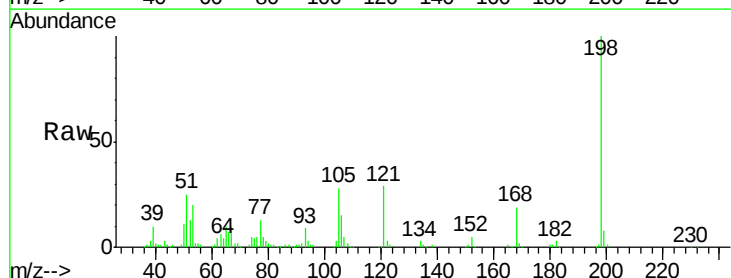
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

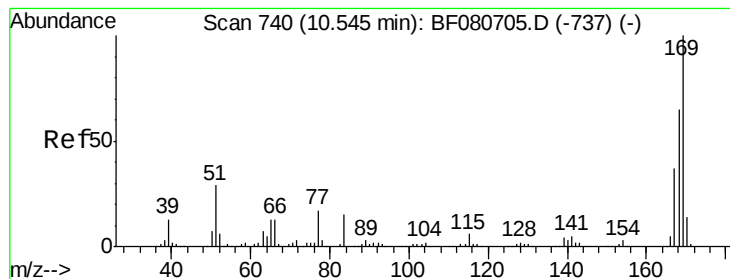
Tgt Ion:188 Resp: 632424
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 11.2 9.1 13.7



#64
4,6-Dinitro-2-methylphenol
Concen: 42.46 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:198 Resp: 161713
Ion Ratio Lower Upper
198 100
51 25.3 84.6 124.6#
105 27.6 43.0 83.0#

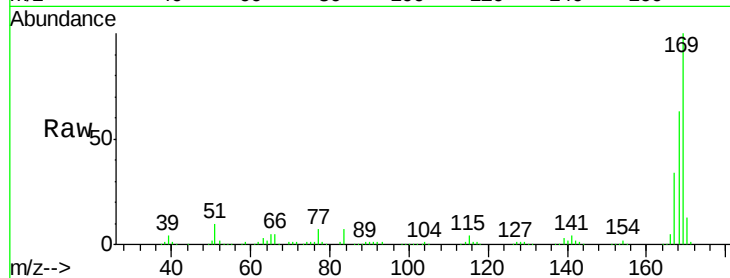




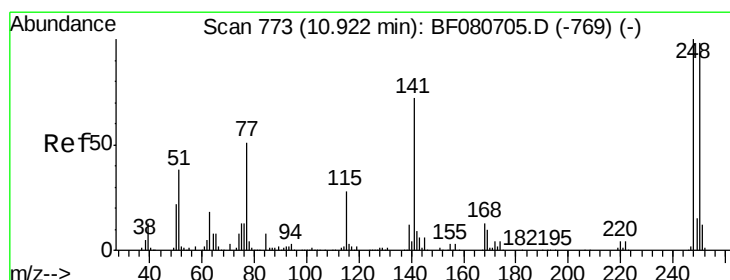
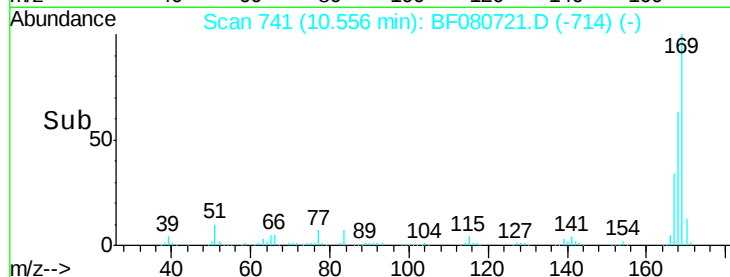
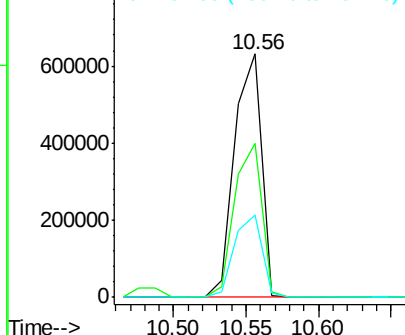
#65
 n-Nitrosodiphenylamine
 Concen: 39.14 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 811396
 Ion Ratio Lower Upper
 169 100
 168 63.4 52.1 78.1
 167 33.9 29.3 43.9

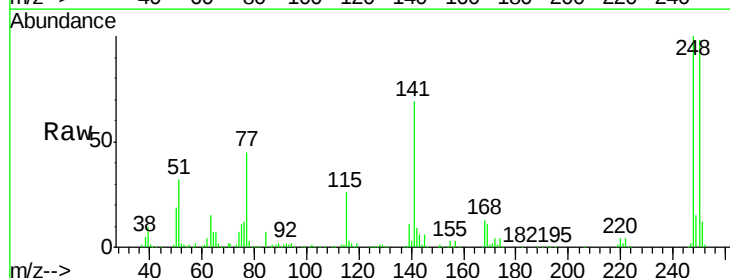


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

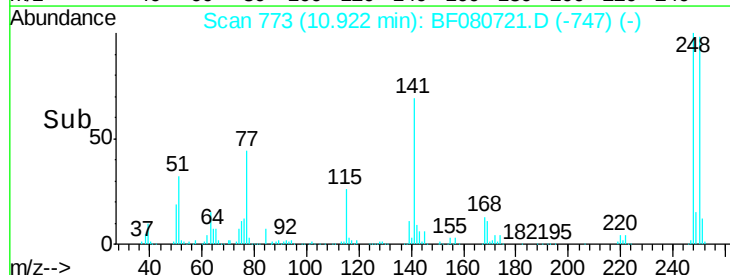
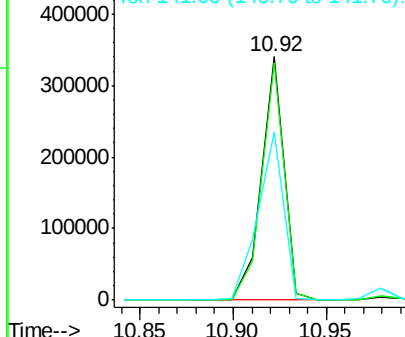


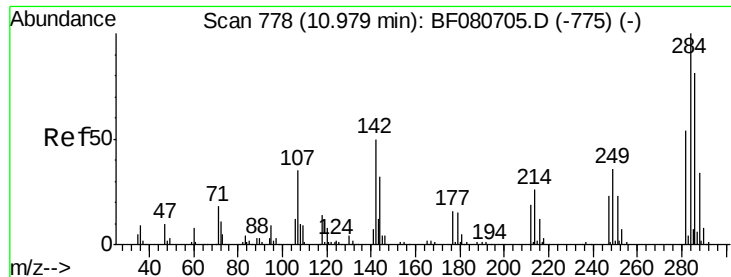
#66
 4-Bromophenyl-phenylether
 Concen: 43.11 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:248 Resp: 281408
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.4 117.6
 141 69.0 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

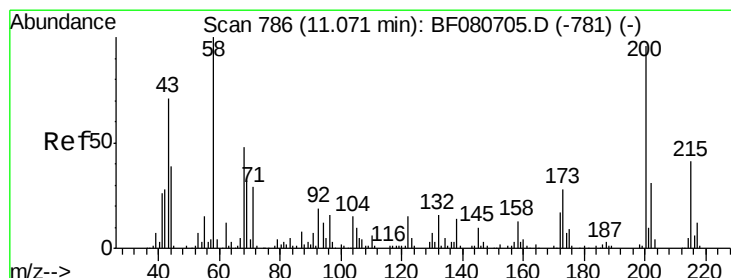
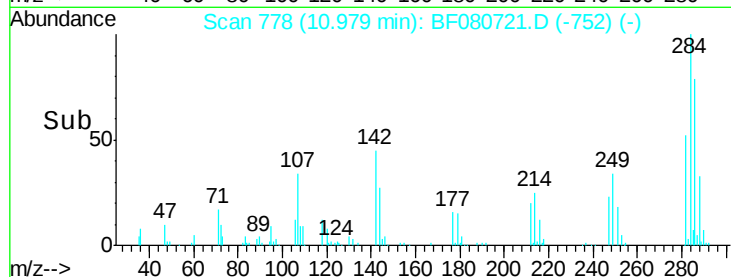
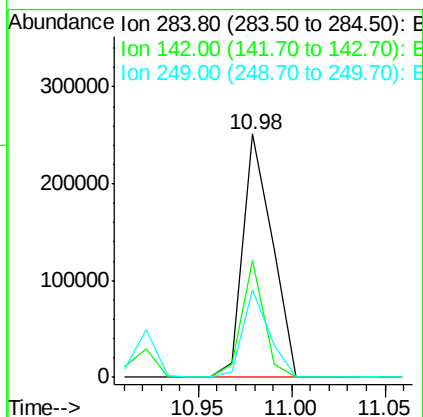
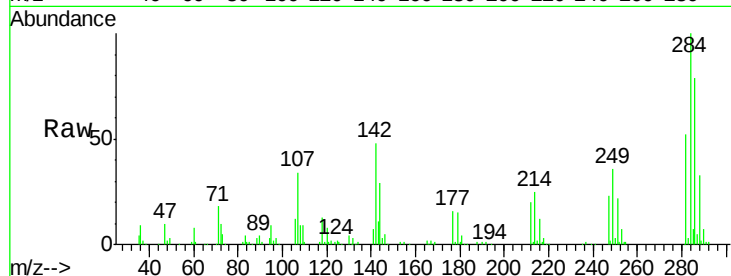




#67
Hexachlorobenzene
Concen: 36.31 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

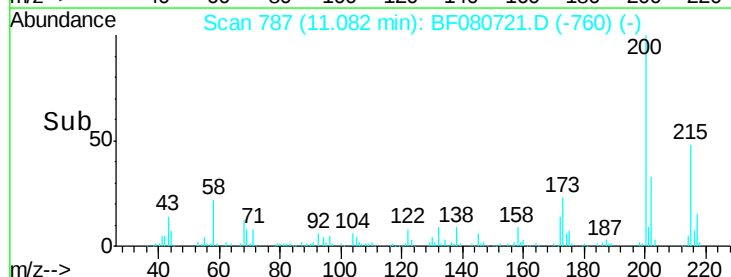
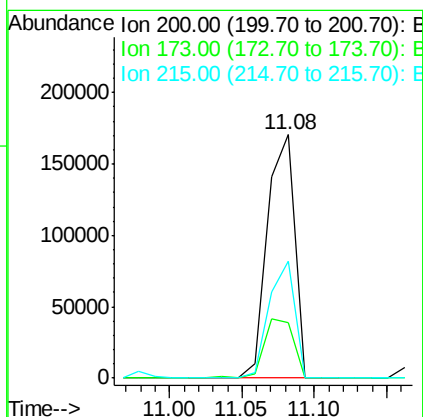
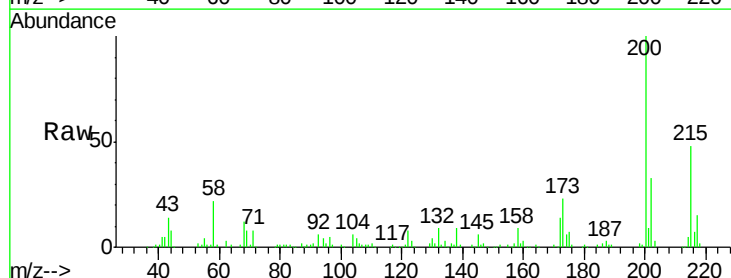
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

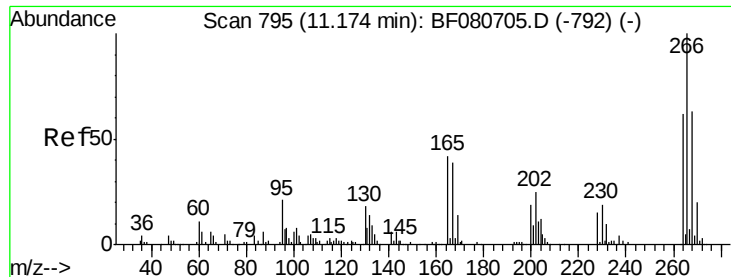
Tgt Ion	Ratio	Lower	Upper
284	100		
142	48.0	39.8	59.6
249	35.7	28.7	43.1



#68
Atrazine
Concen: 44.84 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.9	8.6	48.6
215	47.8	22.2	62.2

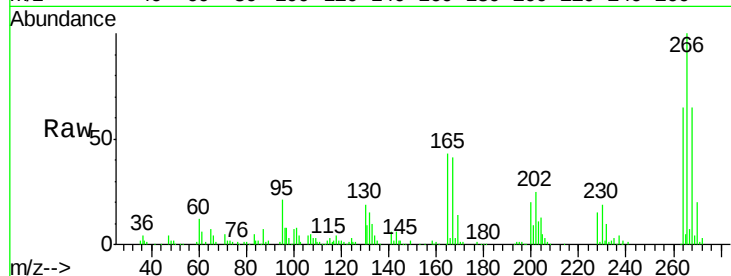




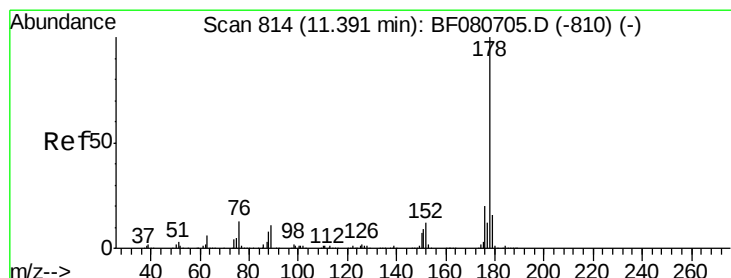
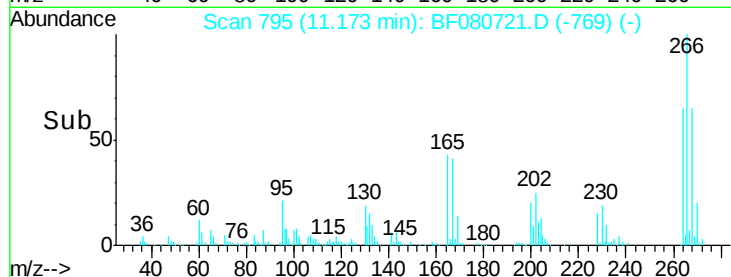
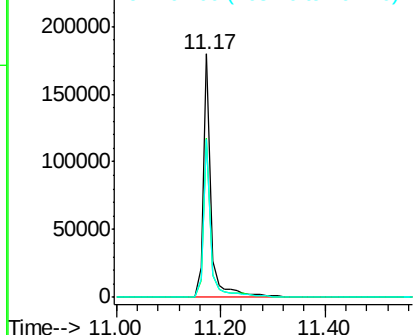
#69
 Pentachlorophenol
 Concen: 40.97 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 187116
 Ion Ratio Lower Upper
 266 100
 268 65.5 50.5 75.7
 264 65.0 50.0 75.0

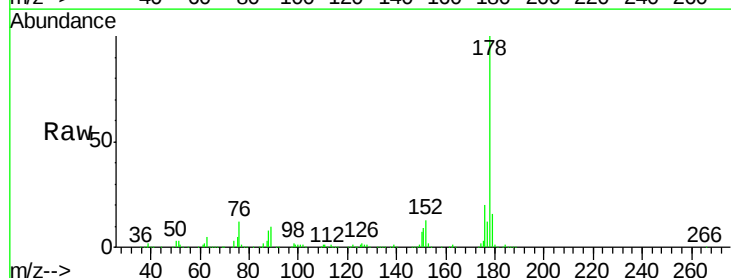


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

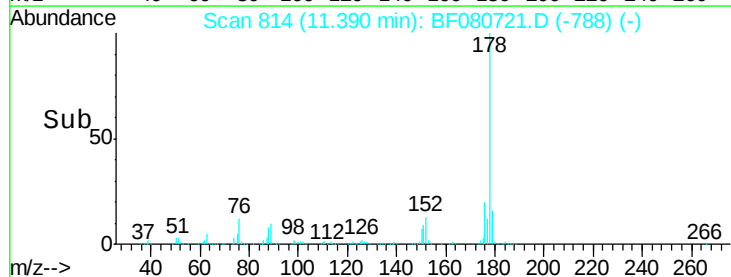
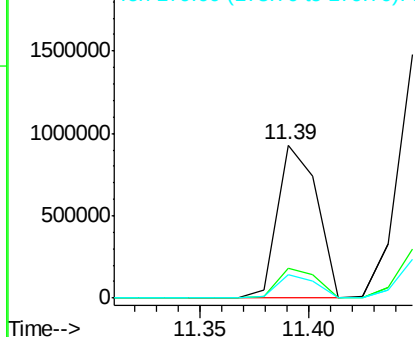


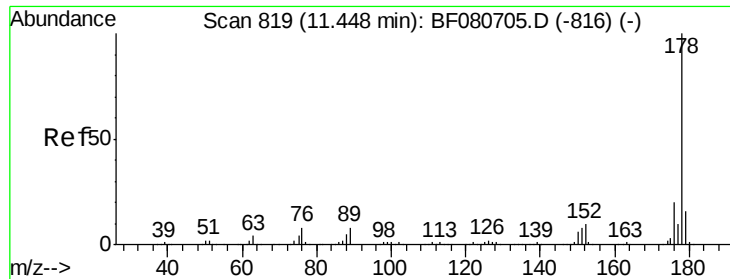
#70
 Phenanthrene
 Concen: 37.03 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:178 Resp: 1179823
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.6 13.0 19.4



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

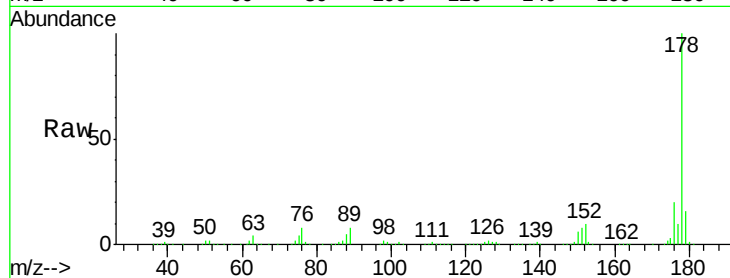




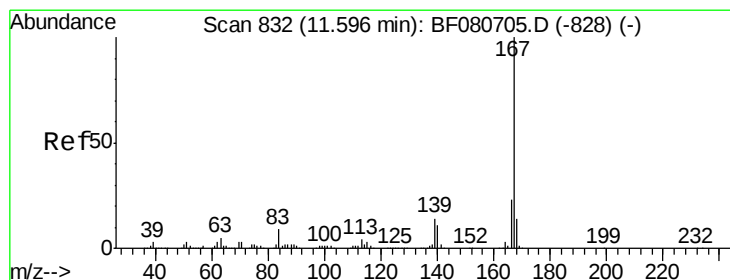
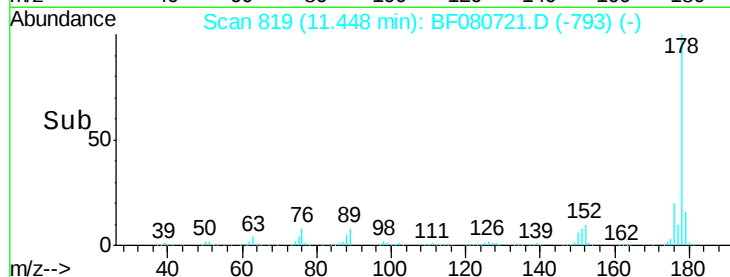
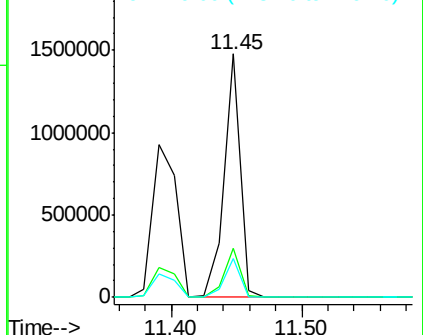
#71
 Anthracene
 Concen: 40.80 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1277382
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.9 12.7 19.1

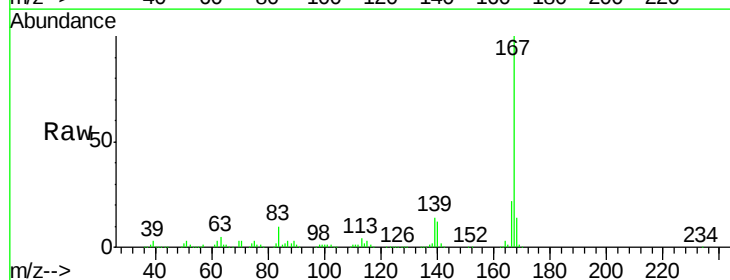


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

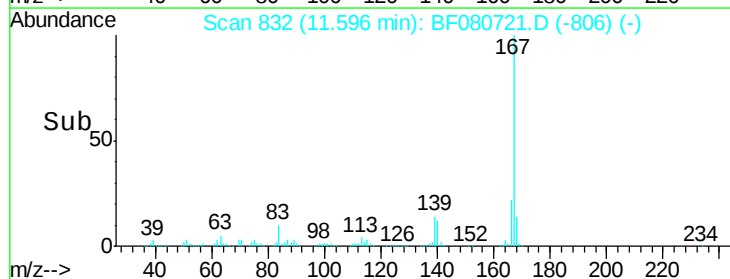
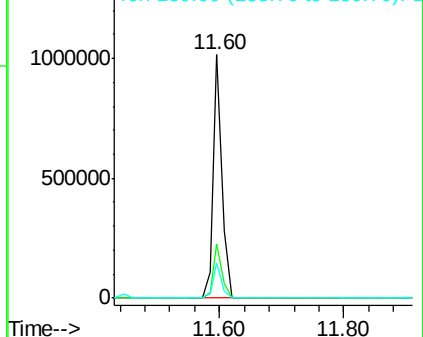


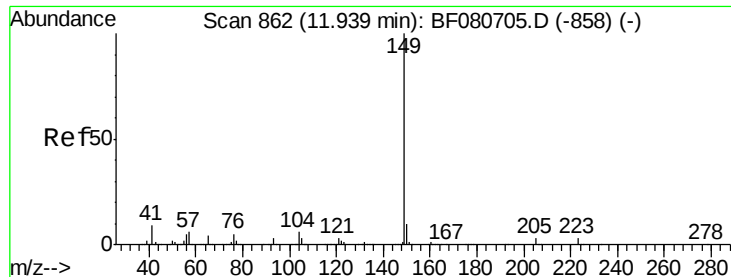
#72
 Carbazole
 Concen: 35.77 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:167 Resp: 971867
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 14.4 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 1000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.63 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

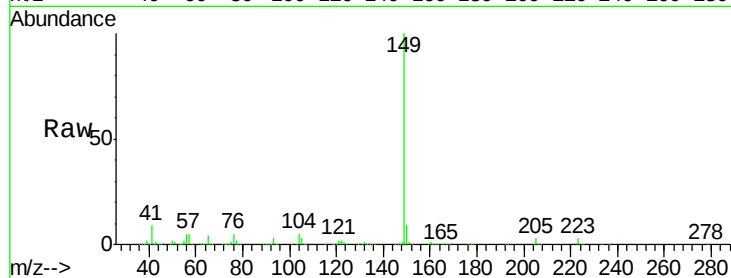
Tgt Ion:149 Resp: 1402656

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

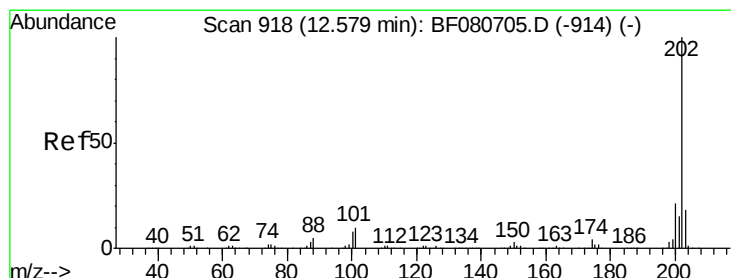
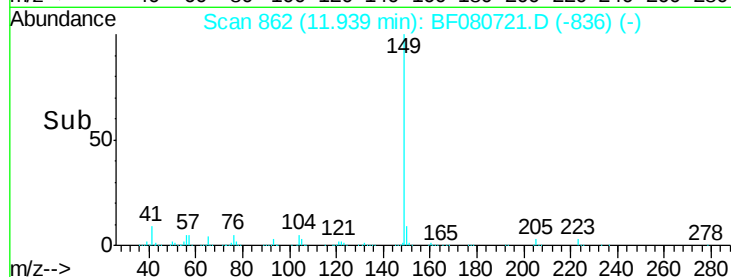
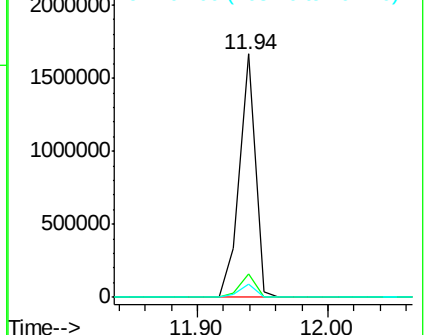
104 5.2 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.14 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

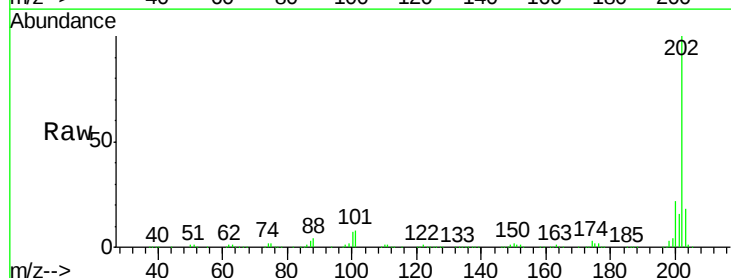
Tgt Ion:202 Resp: 1267299

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.6

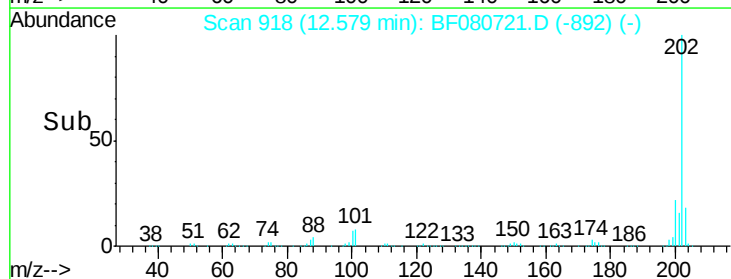
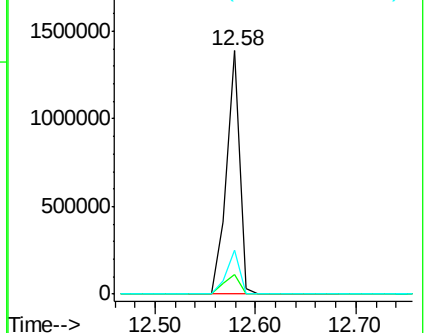
203 18.1 0.0 37.8

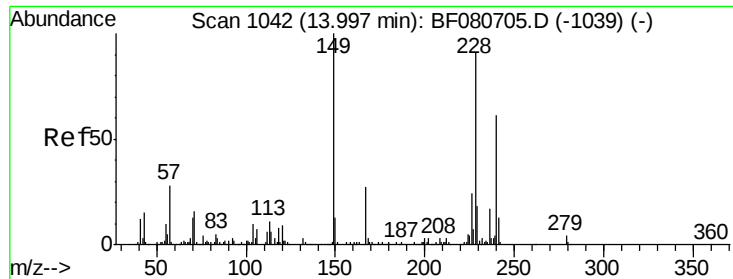


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

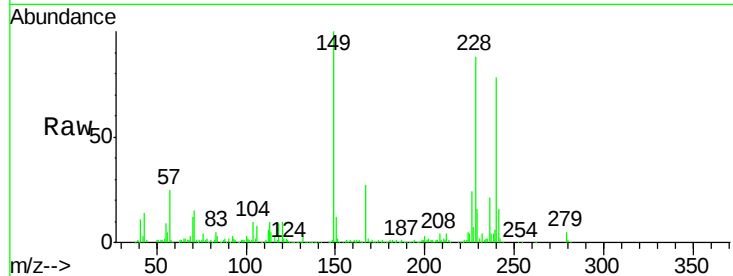
Tgt Ion:240 Resp: 379122

Ion Ratio Lower Upper

240 100

120 13.1 11.8 17.8

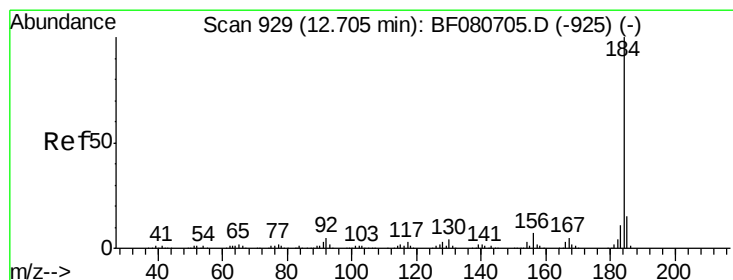
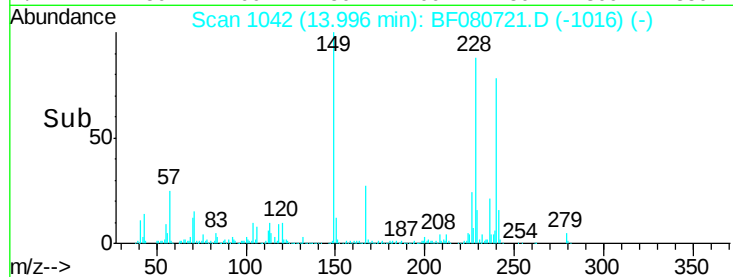
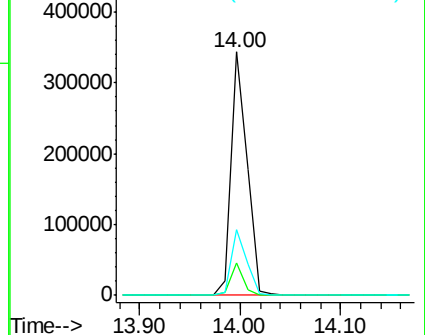
236 26.7 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.38 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

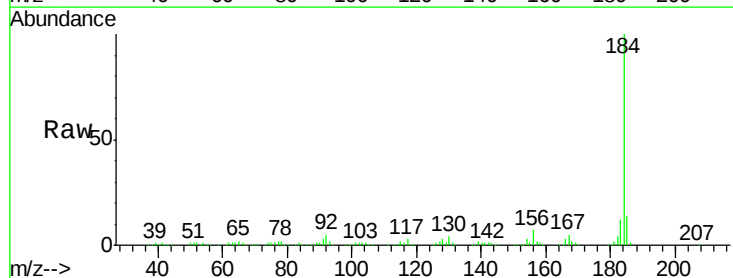
Tgt Ion:184 Resp: 571174

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

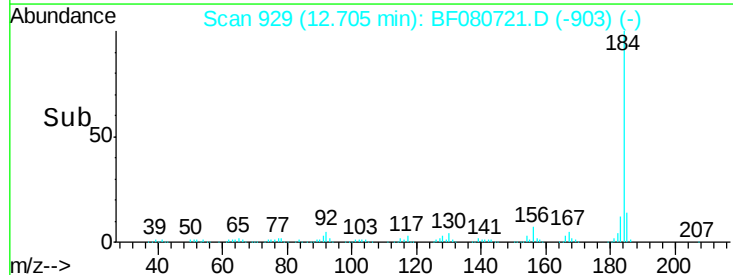
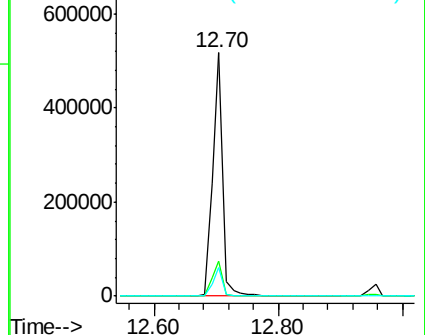
183 11.9 9.1 13.7

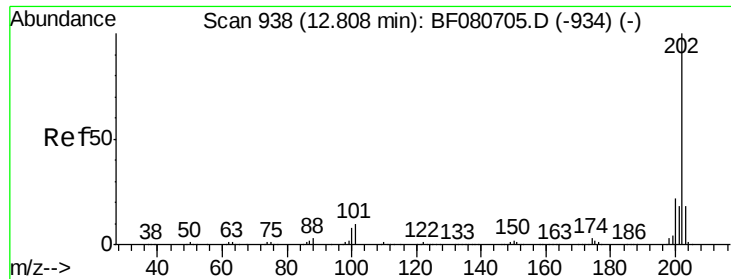


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



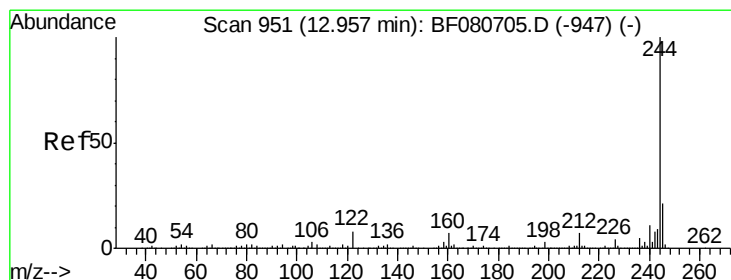
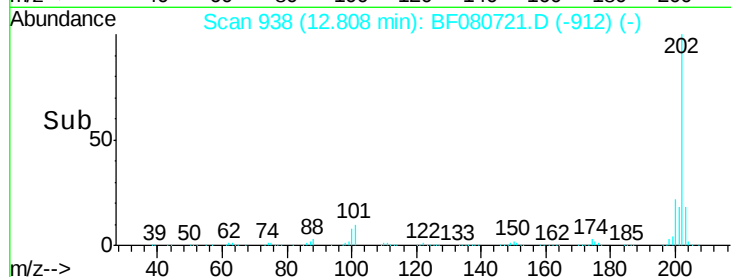
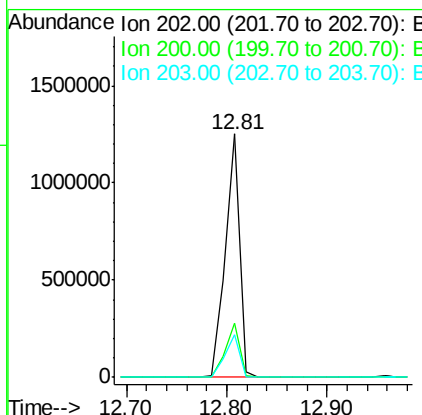
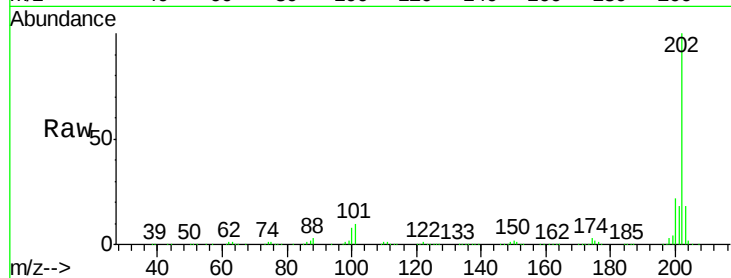


#77
 Pyrene
 Concen: 41.90 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 1231877

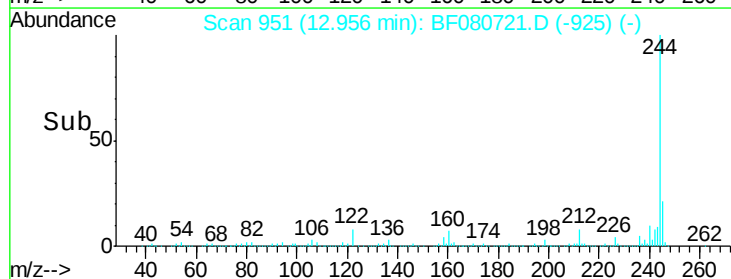
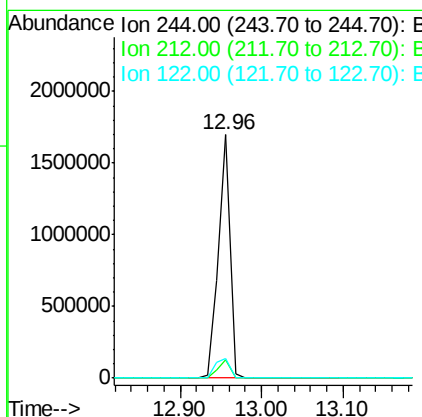
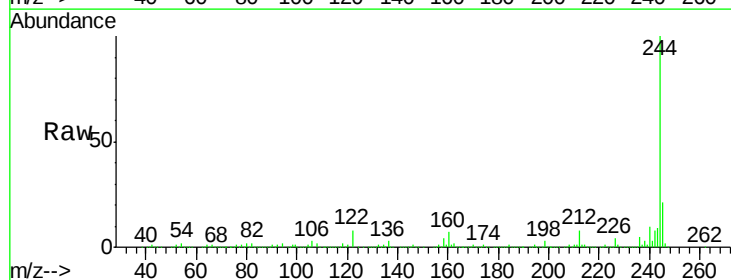
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.6	14.2	21.2

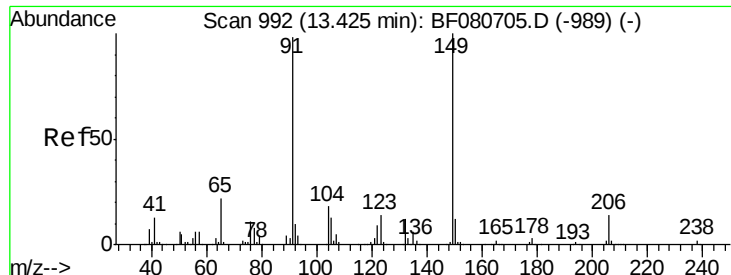


#78
 Terphenyl-d14
 Concen: 83.50 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion: 244 Resp: 1673854

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	8.3	6.6	9.8

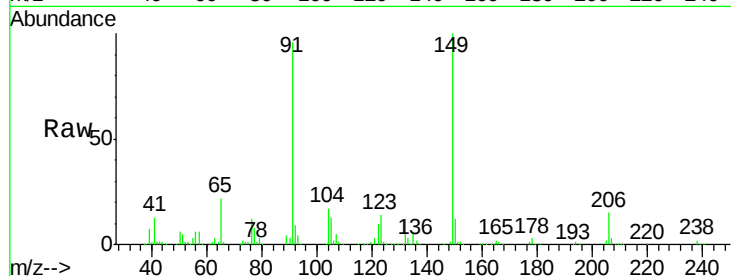




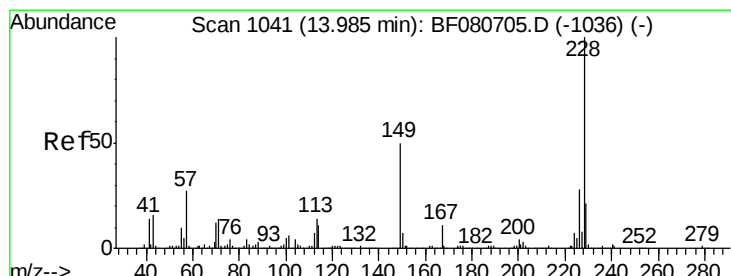
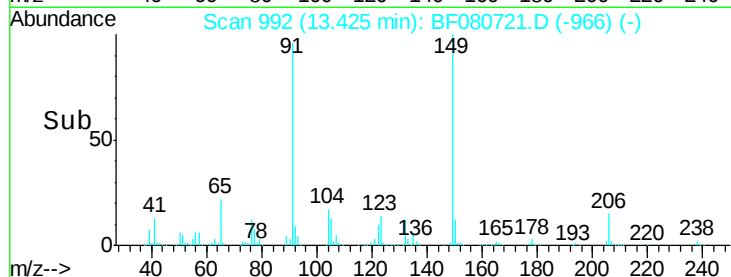
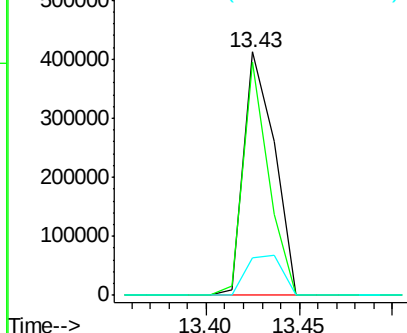
#79
Butylbenzylphthalate
Concen: 38.82 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 470662
Ion Ratio Lower Upper
149 100
91 96.0 78.6 118.0
206 15.2 11.4 17.2

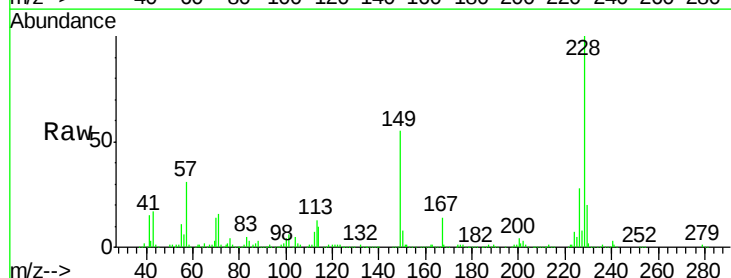


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

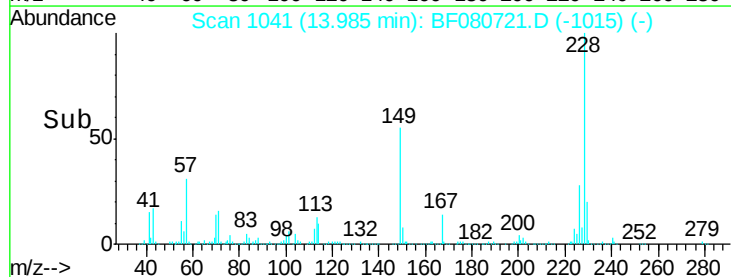
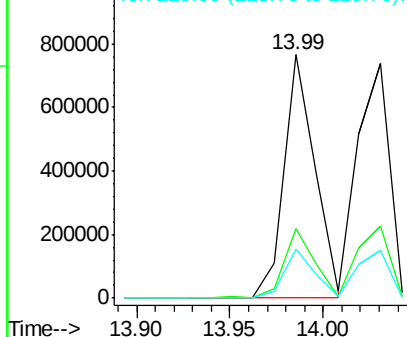


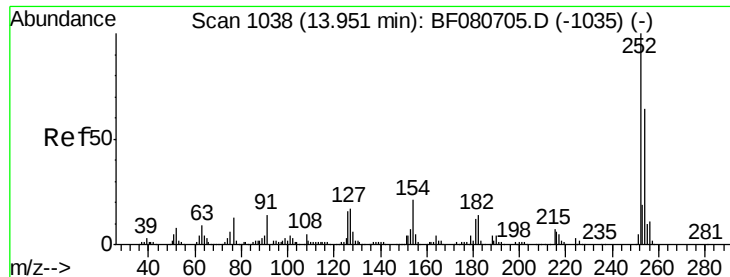
#80
Benzo(a)anthracene
Concen: 38.72 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:228 Resp: 882808
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 20.3 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

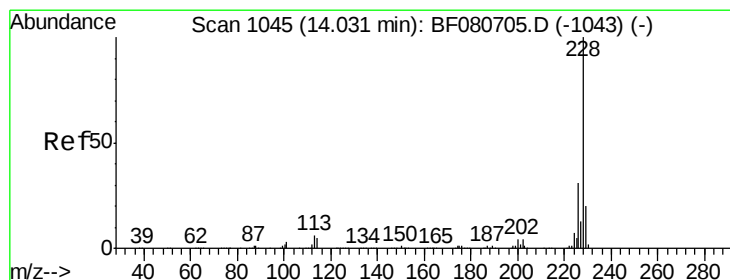
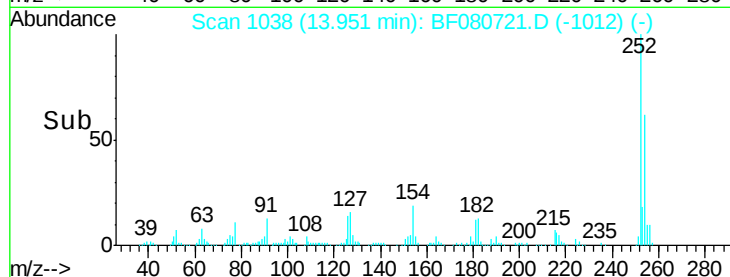
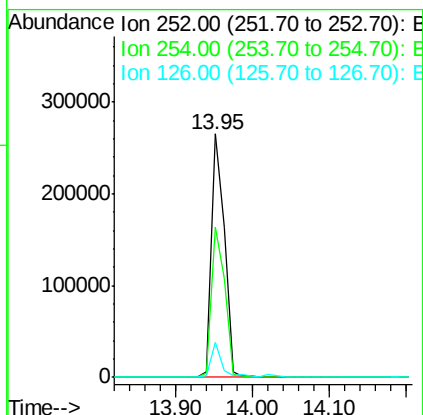
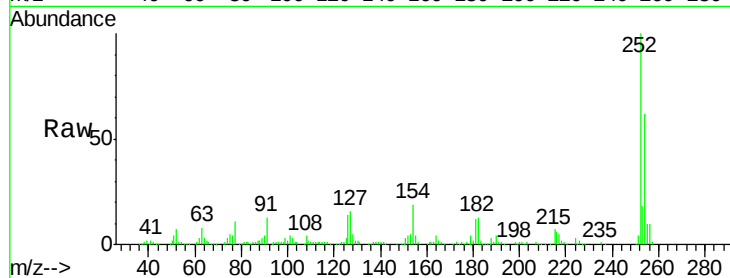




#81
 3,3'-Dichlorobenzidine
 Concen: 39.53 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

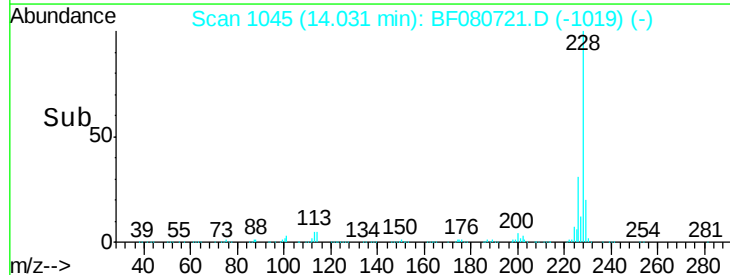
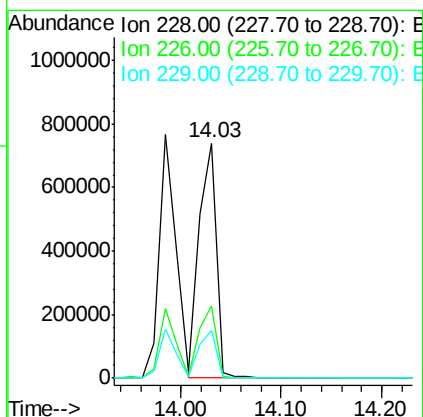
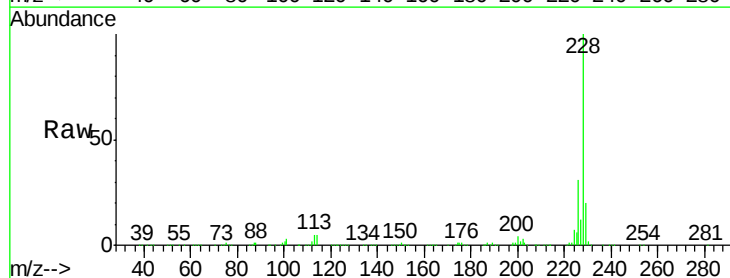
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

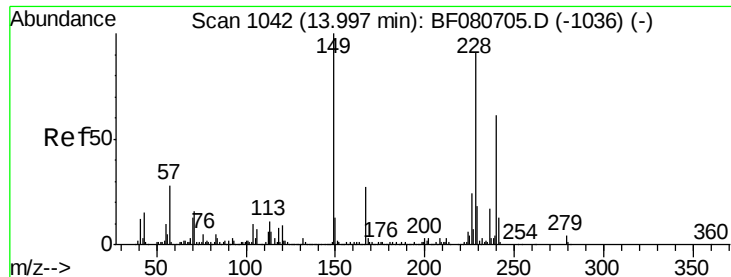
Tgt Ion: 252 Resp: 307638
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.0 76.4
 126 14.3 13.2 19.8



#82
 Chrysene
 Concen: 39.92 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion: 228 Resp: 883447
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.1 37.7
 229 20.3 15.8 23.8

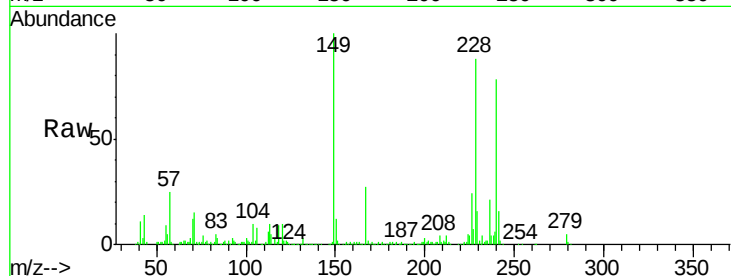




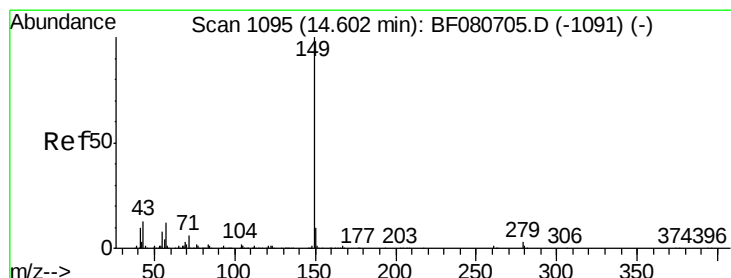
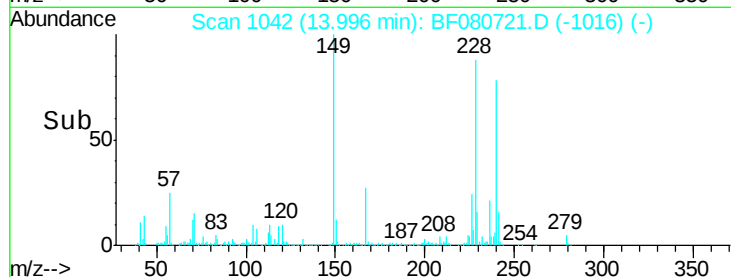
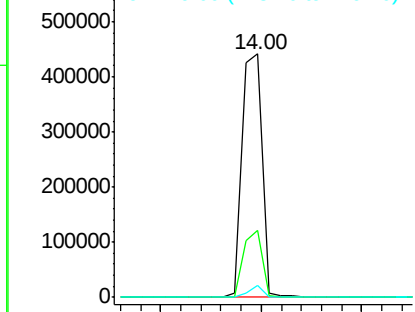
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.72 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 610702
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 5.0 3.4 5.0

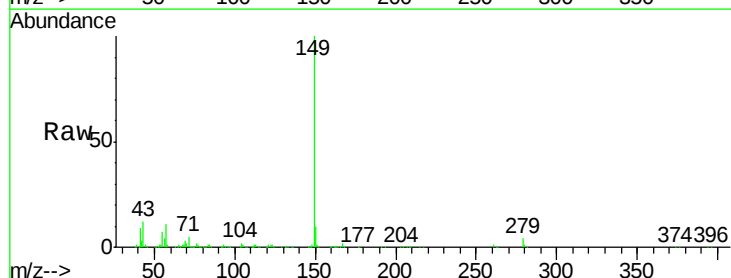


Abundance Ion 149.00 (148.70 to 149.70): E
 600000
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

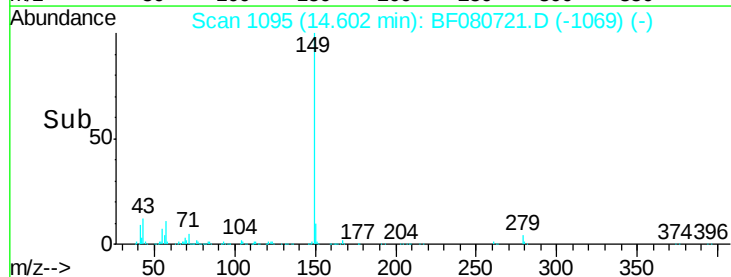
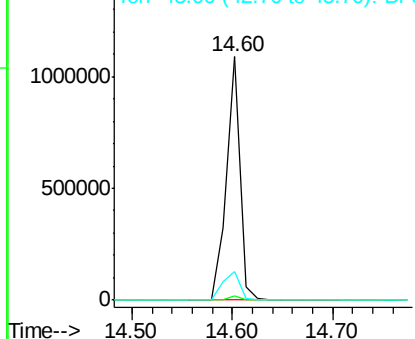


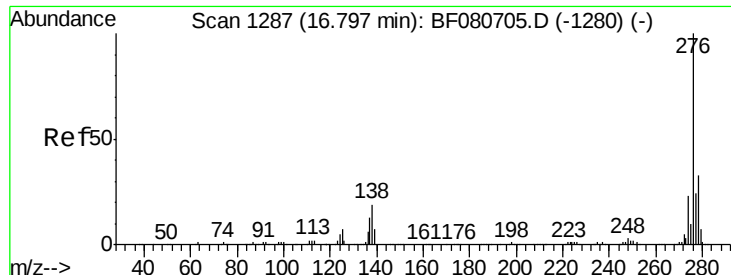
#84
 Di-n-octyl phthalate
 Concen: 41.46 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion:149 Resp: 1017630
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 15.3 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

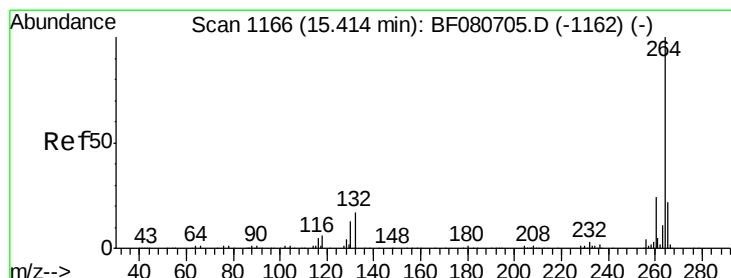
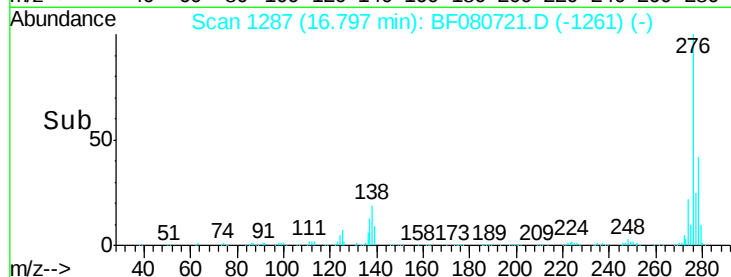
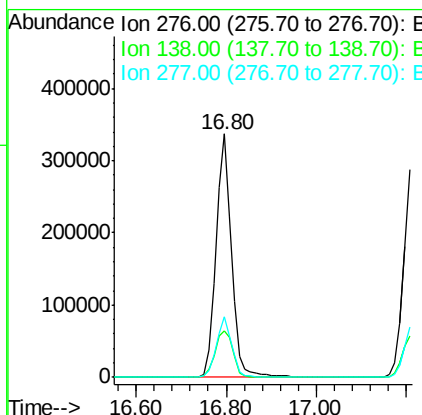
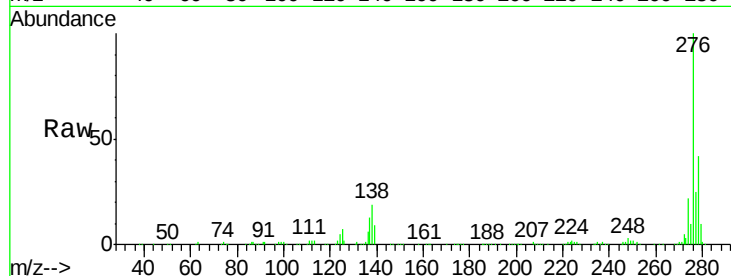




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.68 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

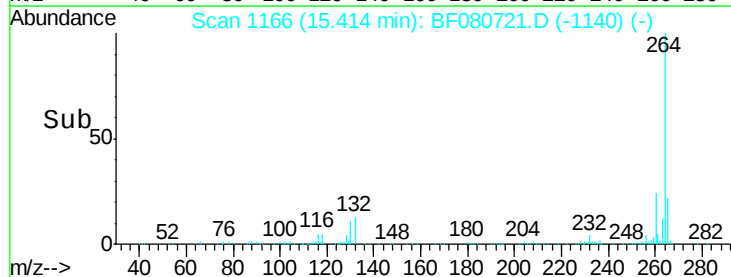
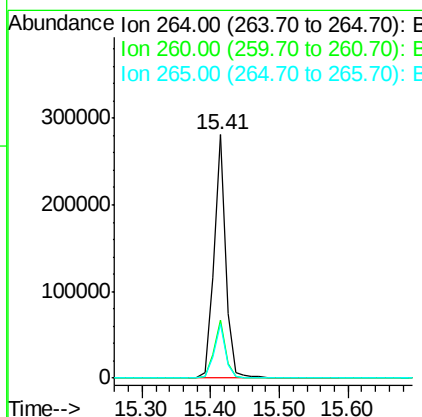
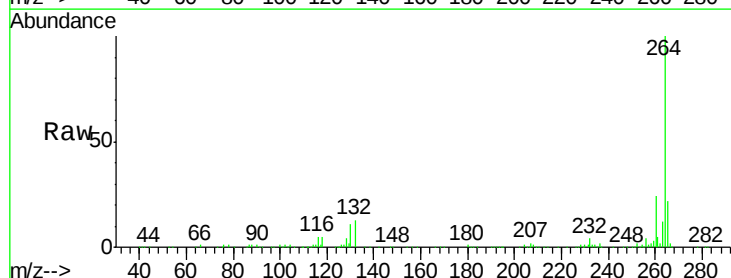
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

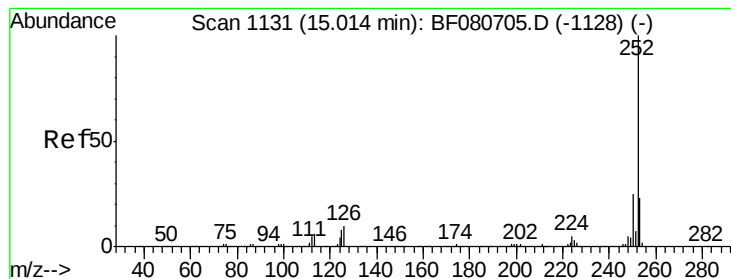
Tgt Ion: 276 Resp: 806586
 Ion Ratio Lower Upper
 276 100
 138 22.2 13.2 19.8#
 277 25.0 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080721.D
 Acq: 31 Jul 2015 6:04

Tgt Ion: 264 Resp: 339466
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 22.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 71.55 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.02 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

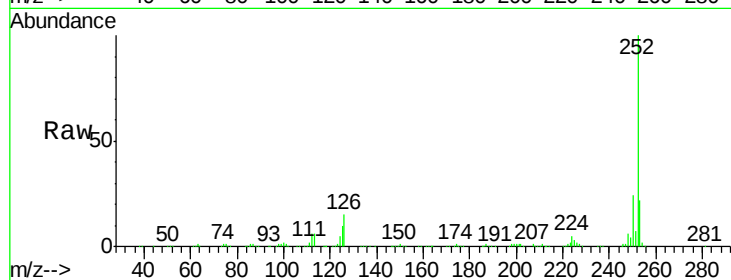
Tgt Ion:252 Resp: 1450903

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

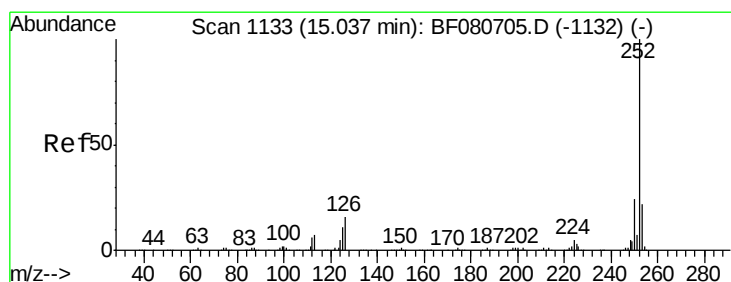
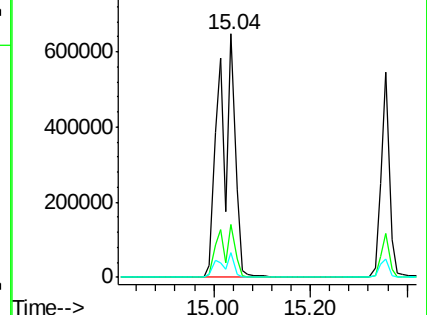
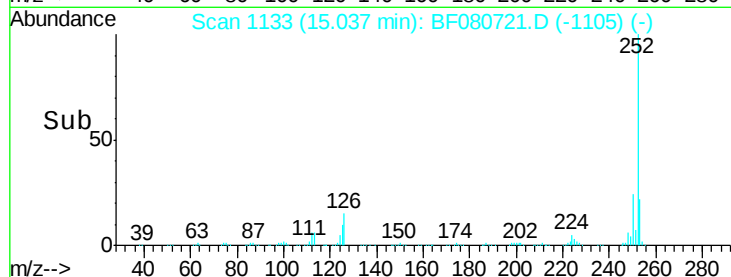
125 9.9 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.96 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

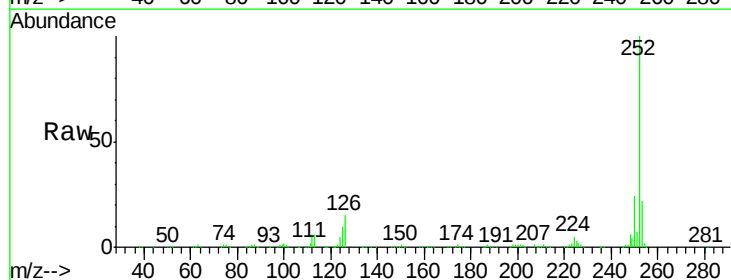
Tgt Ion:252 Resp: 1451196

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

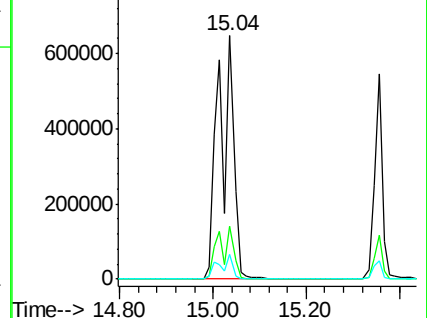
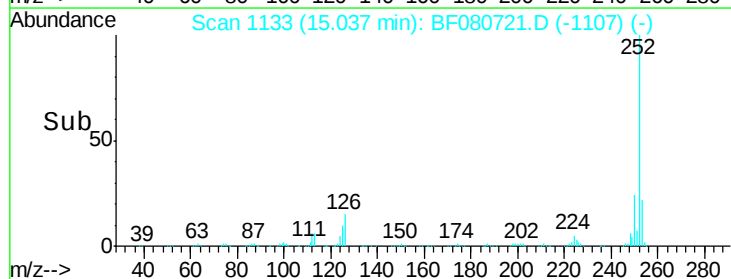
125 9.9 9.0 13.4

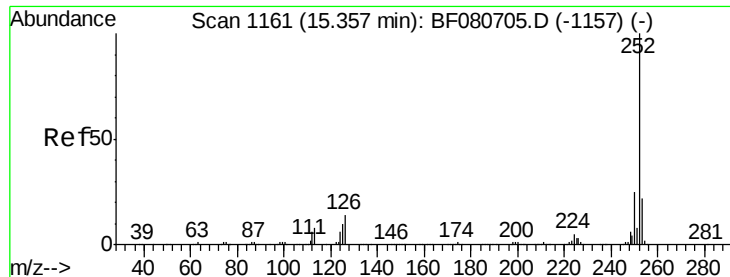


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

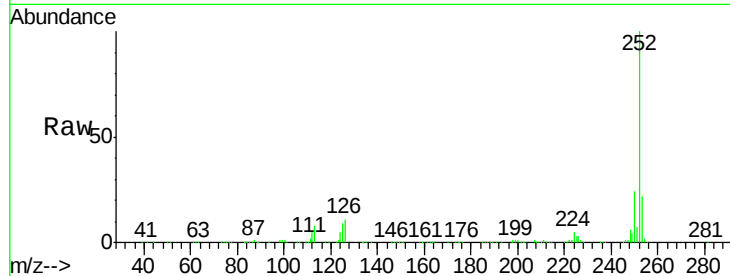




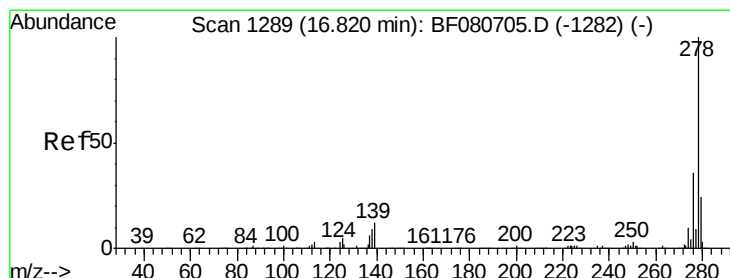
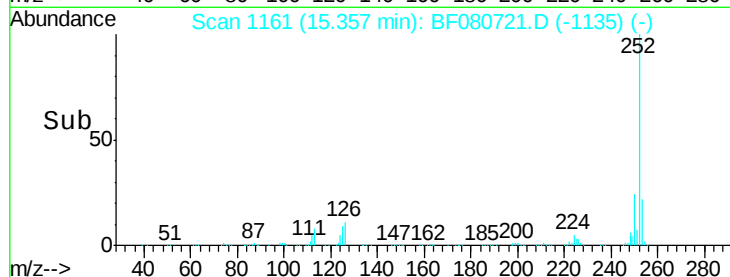
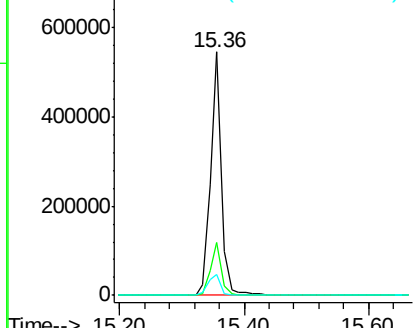
#89
Benzo(a)pyrene
Concen: 39.68 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 660621
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 8.8 8.2 12.4

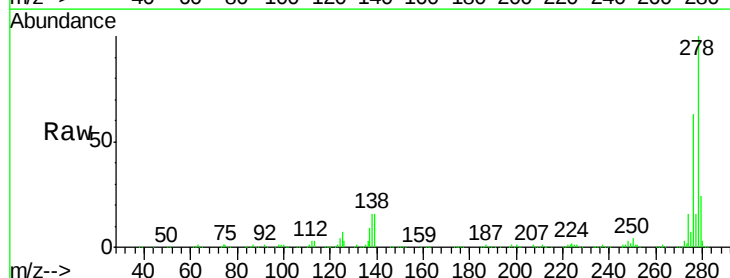


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

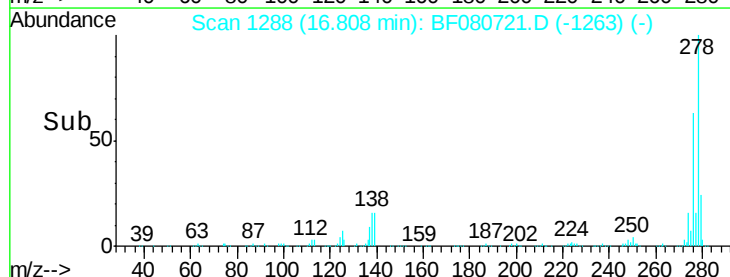
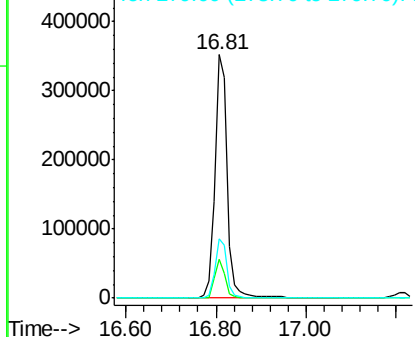


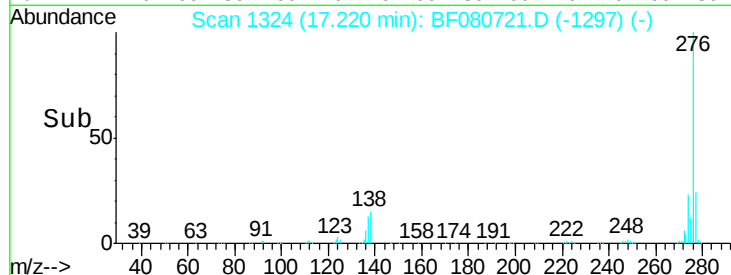
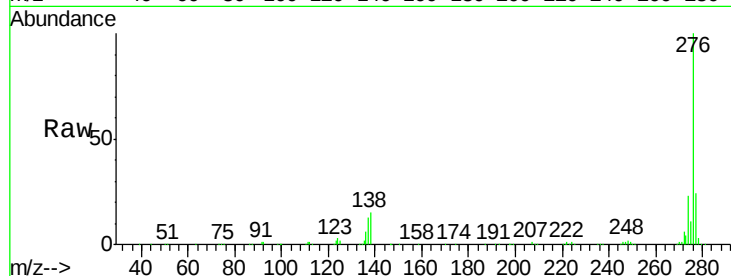
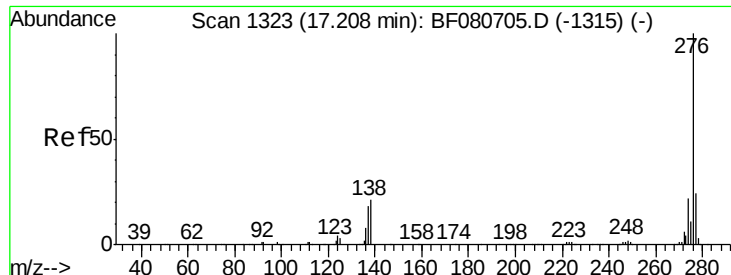
#90
Dibenzo(a,h)anthracene
Concen: 45.28 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080721.D
Acq: 31 Jul 2015 6:04

Tgt Ion:278 Resp: 674809
Ion Ratio Lower Upper
278 100
139 15.8 9.8 14.8#
279 24.2 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: 46.26 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF080721.D

Acq: 31 Jul 2015 6:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 678409

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 15.1 16.9 25.3#

