

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080729.D
 Acq On : 31 Jul 2015 12:32
 Operator : TP/UM
 Sample : PB84659BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Quant Time: Aug 01 00:17:33 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	148477	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	544788	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	293480	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	549817	20.00	ng	0.00
75) Chrysene-d12	14.00	240	335879	20.00	ng	0.00
86) Perylene-d12	15.41	264	267201	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1083948	125.24	ng	0.02
7) Phenol-d6	6.49	99	1478638	125.49	ng	0.00
23) Nitrobenzene-d5	7.41	82	1042613	92.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	466385	153.15	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1831921	93.12	ng	0.00
78) Terphenyl-d14	12.96	244	1790440	100.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	152044	35.62	ng	99
3) Pyridine	3.32	79	447675	37.80	ng	99
4) n-Nitrosodimethylamine	3.26	42	287881	42.53	ng	97
6) Aniline	6.52	93	357097	21.05	ng	98
8) 2-Chlorophenol	6.64	128	393264	40.54	ng	98
9) Benzaldehyde	6.40	77	39401	4.10	ng	87
10) Phenol	6.50	94	584229	42.85	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	383178	39.34	ng	99
12) 1,3-Dichlorobenzene	6.80	146	464065	42.97	ng	97
13) 1,4-Dichlorobenzene	6.88	146	447319	40.60	ng	97
14) 1,2-Dichlorobenzene	7.02	146	441278	43.82	ng	94
15) Benzyl Alcohol	7.00	79	358721	36.66	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	927592	44.57	ng	98
17) 2-Methylphenol	7.10	107	354803	44.56	ng	98
18) Hexachloroethane	7.37	117	174580	42.46	ng	# 91
19) n-Nitroso-di-n-propylamine	7.28	70	359598	45.32	ng	# 94
20) 3+4-Methylphenols	7.26	107	475016	48.35	ng	94
22) Acetophenone	7.26	105	570349	43.37	ng	# 93
24) Nitrobenzene	7.44	77	510908	45.33	ng	96
25) Isophorone	7.68	82	879898	43.98	ng	99
26) 2-Nitrophenol	7.76	139	221600	48.44	ng	91
27) 2,4-Dimethylphenol	7.79	122	426601	49.63	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	572247	48.28	ng	99
29) 2,4-Dichlorophenol	8.00	162	368356	48.22	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	351500	42.19	ng	99
31) Naphthalene	8.16	128	1130760	41.58	ng	99
32) Benzoic acid	7.92	122	292390	48.51	ng	99
33) 4-Chloroaniline	8.20	127	137185	11.96	ng	# 88
34) Hexachlorobutadiene	8.28	225	249566	46.40	ng	97
35) Caprolactam	8.57	113	80239	35.07	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	409771	49.75	ng	97
37) 2-Methylnaphthalene	8.85	142	808704	47.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	334039	36.24	ng	98
40) Hexachlorocyclopentadiene	9.00	237	476799	84.09	ng	98

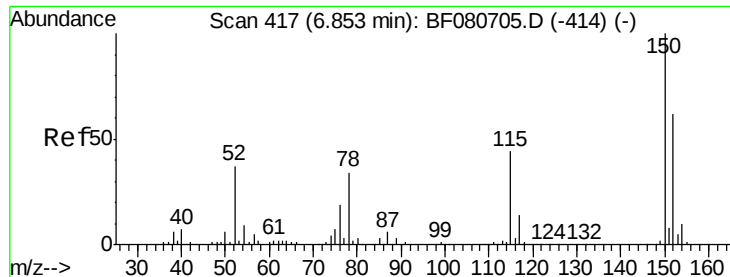
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080729.D
 Acq On : 31 Jul 2015 12:32
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 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	262909	41.01	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	293792	46.20	ng	95
45) 1,1'-Biphenyl	9.31	154	865770	38.47	ng	94
46) 2-Chloronaphthalene	9.33	162	714561	38.88	ng	# 89
47) 2-Nitroaniline	9.44	65	335890	46.97	ng	92
48) Acenaphthylene	9.76	152	1287312	44.05	ng	100
49) Dimethylphthalate	9.62	163	891866	43.12	ng	99
50) 2,6-Dinitrotoluene	9.68	165	198958	45.33	ng	95
51) Acenaphthene	9.93	154	926449	51.96	ng	100
52) 3-Nitroaniline	9.84	138	104863	20.70	ng	# 42
53) 2,4-Dinitrophenol	9.95	184	265995	113.78	ng	# 67
54) Dibenzofuran	10.10	168	1088177	45.63	ng	99
55) 4-Nitrophenol	10.01	139	344087	92.21	ng	94
56) 2,4-Dinitrotoluene	10.08	165	255341	44.36	ng	87
57) Fluorene	10.44	166	854337	46.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	252080	52.56	ng	99
59) Diethylphthalate	10.32	149	889663	44.63	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	370211	46.30	ng	99
61) 4-Nitroaniline	10.45	138	185108	40.48	ng	93
62) Azobenzene	10.59	77	1094414	50.68	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	166407	50.26	ng	# 37
65) n-Nitrosodiphenylamine	10.56	169	782204	43.40	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	275110	48.47	ng	99
67) Hexachlorobenzene	10.98	284	279711	42.62	ng	96
68) Atrazine	11.07	200	101702	19.09	ng	99
69) Pentachlorophenol	11.17	266	347164	87.42	ng	98
70) Phenanthrene	11.39	178	1181951	42.67	ng	100
71) Anthracene	11.45	178	1271065	46.70	ng	99
72) Carbazole	11.60	167	1001018	42.37	ng	98
73) Di-n-butylphthalate	11.94	149	1468367	50.12	ng	100
74) Fluoranthene	12.58	202	1298978	48.50	ng	99
76) Benzidine	12.70	184	198138	16.20	ng	98
77) Pyrene	12.81	202	1341805	51.51	ng	99
79) Butylbenzylphthalate	13.43	149	517221	47.75	ng	93
80) Benzo(a)anthracene	13.99	228	870969	43.12	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	208647	30.26	ng	# 96
82) Chrysene	14.03	228	854431	43.58	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	693477	53.48	ng	# 93
84) Di-n-octyl phthalate	14.60	149	1098031	50.50	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	731186	41.57	ng	# 88
87) Benzo(b)fluoranthene	15.04	252	1415465	88.68	ng	98
88) Benzo(k)fluoranthene	15.04	252	1416030	107.80	ng	# 98
89) Benzo(a)pyrene	15.36	252	647974	49.45	ng	98
90) Dibenzo(a,h)anthracene	16.81	278	605861	51.65	ng	# 96
91) Benzo(g,h,i)perylene	17.21	276	622340	53.92	ng	98

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

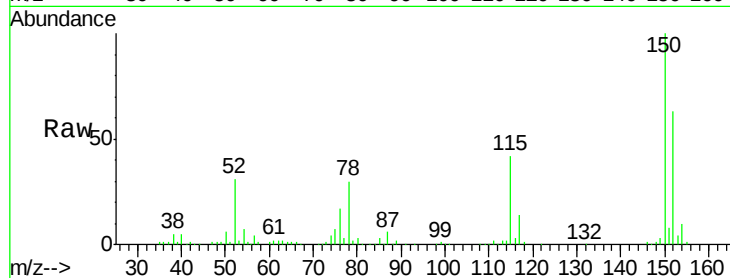


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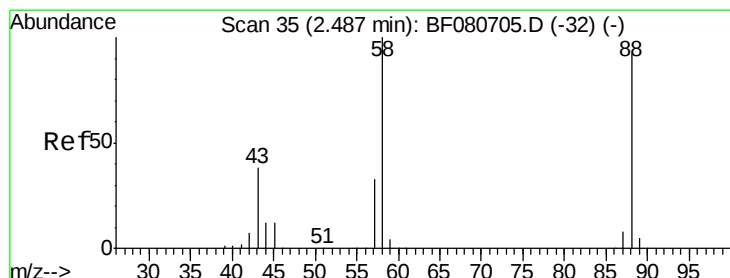
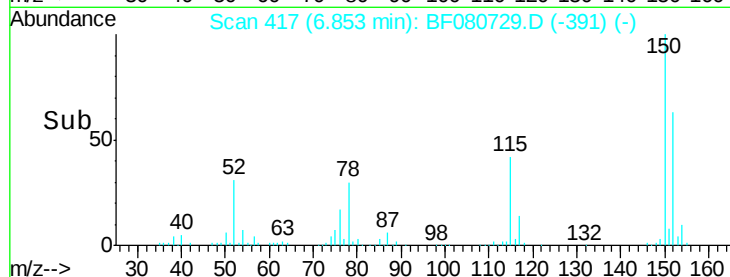
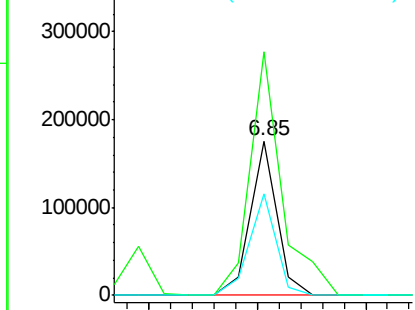
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:152 Resp: 148477
Ion Ratio Lower Upper
152 100
150 158.0 129.6 194.4
115 65.6 56.6 85.0



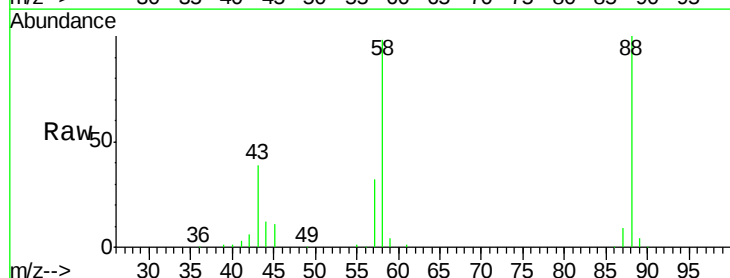
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



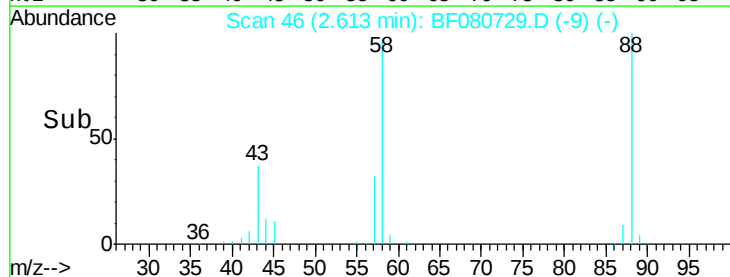
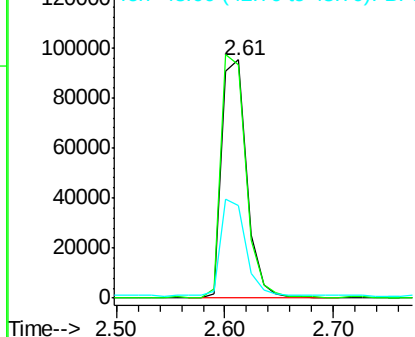
#2

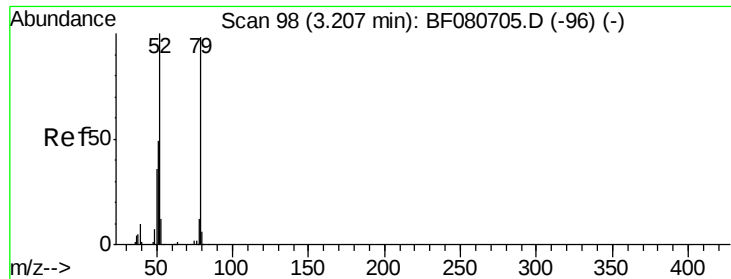
1,4-Dioxane
Concen: 35.62 ng
RT: 2.61 min Scan# 46
Delta R.T. 0.13 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion: 88 Resp: 152044
Ion Ratio Lower Upper
88 100
58 102.7 82.3 123.5
43 41.1 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: 37.80 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.11 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

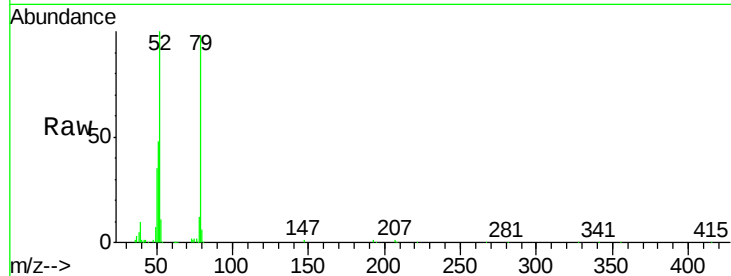
Tgt Ion: 79 Resp: 447675

Ion Ratio Lower Upper

79 100

52 101.7 81.6 122.4

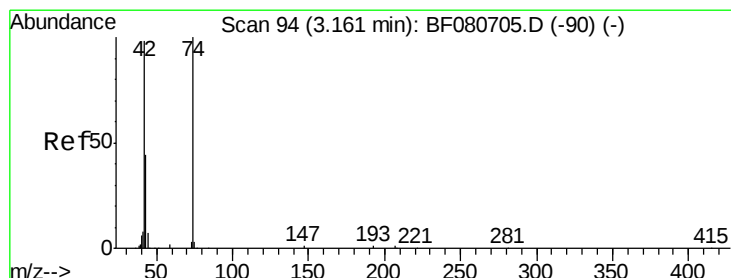
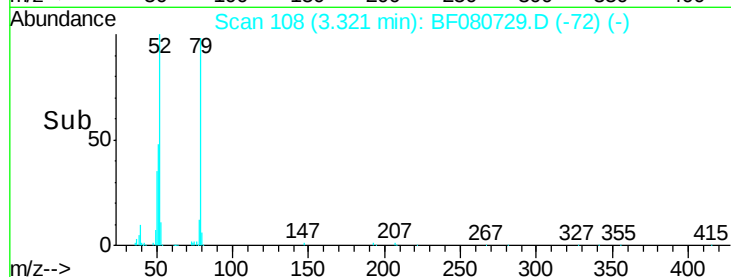
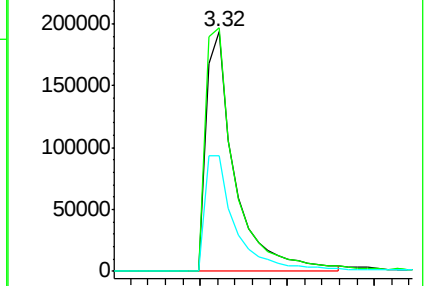
51 48.4 40.2 60.2



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: 42.53 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.10 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

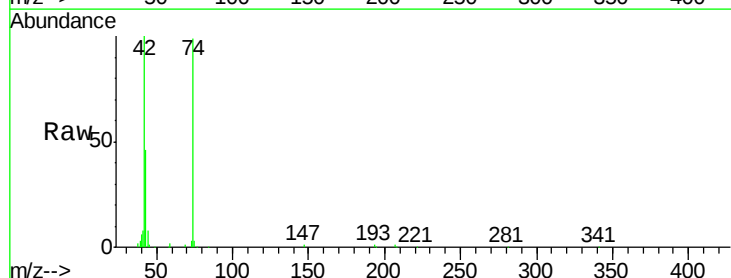
Tgt Ion: 42 Resp: 287881

Ion Ratio Lower Upper

42 100

74 98.6 81.5 122.3

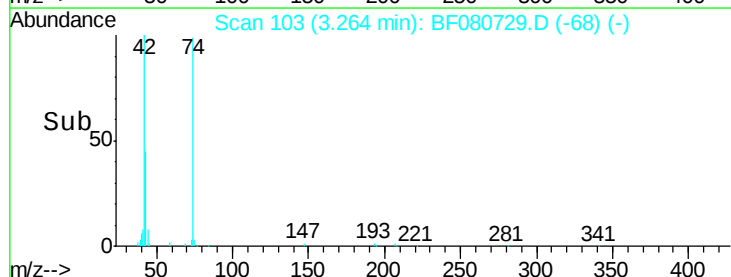
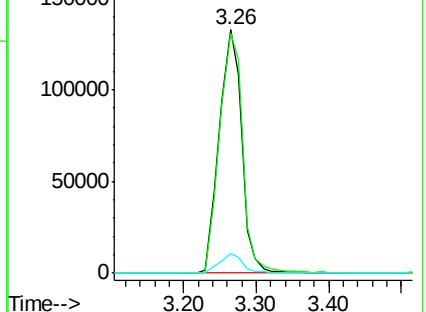
44 7.9 5.6 8.4

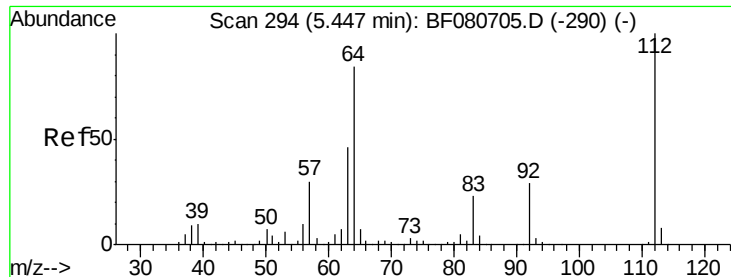


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.24 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

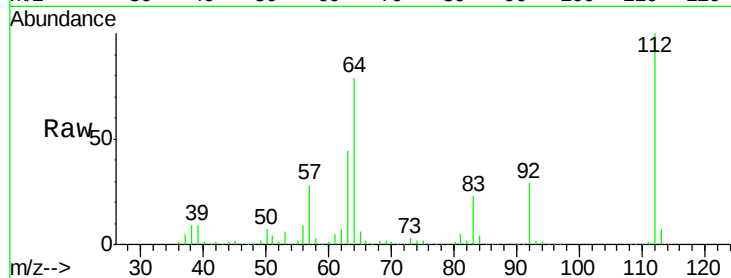
Tgt Ion: 112 Resp: 1083948

Ion Ratio Lower Upper

112 100

64 78.8 66.8 100.2

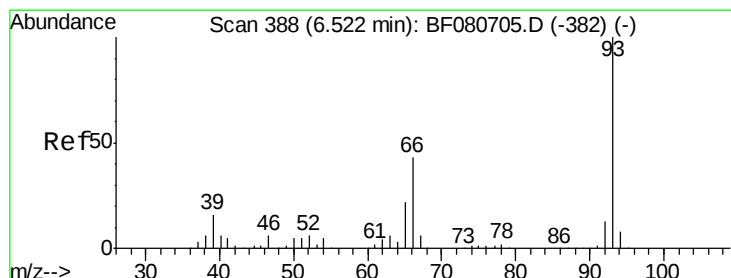
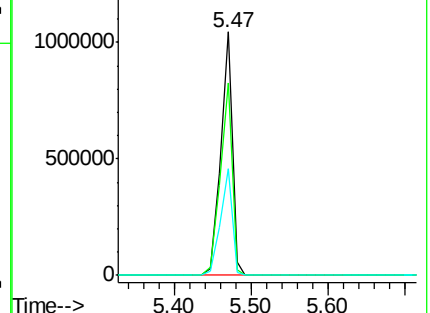
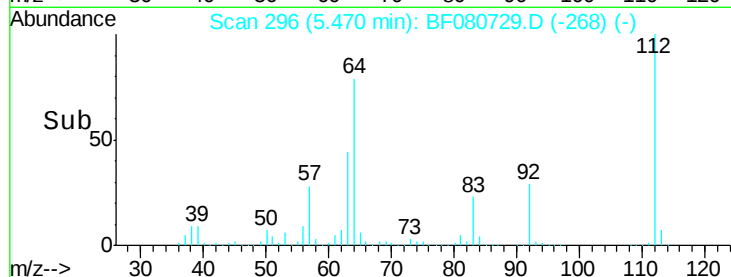
63 44.0 36.7 55.1



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: 21.05 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

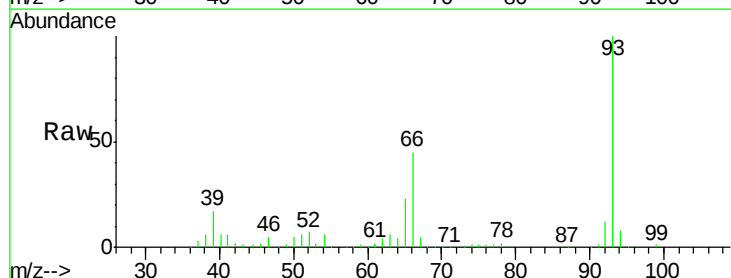
Tgt Ion: 93 Resp: 357097

Ion Ratio Lower Upper

93 100

66 44.7 34.3 51.5

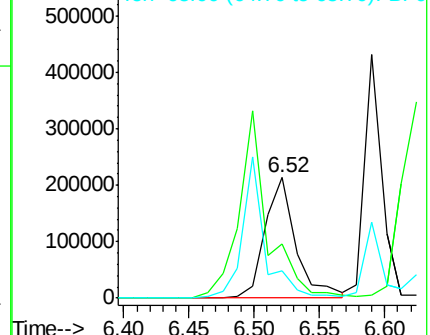
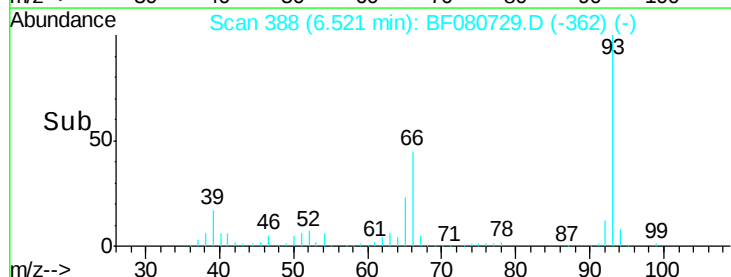
65 22.9 17.6 26.4

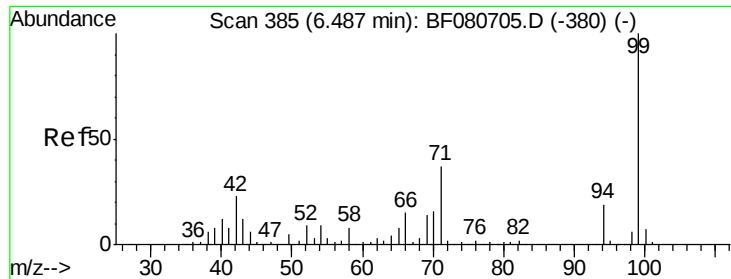


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.49 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

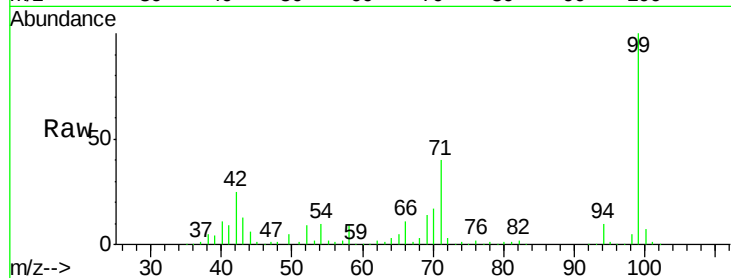
Tgt Ion: 99 Resp: 1478638

Ion Ratio Lower Upper

99 100

42 25.1 18.2 27.2

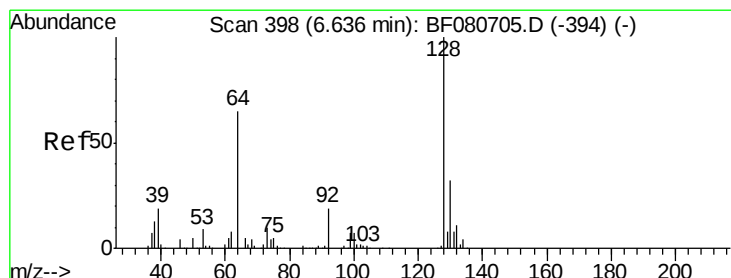
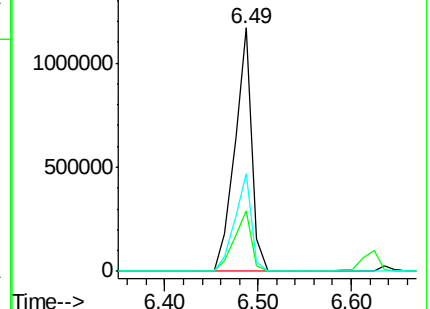
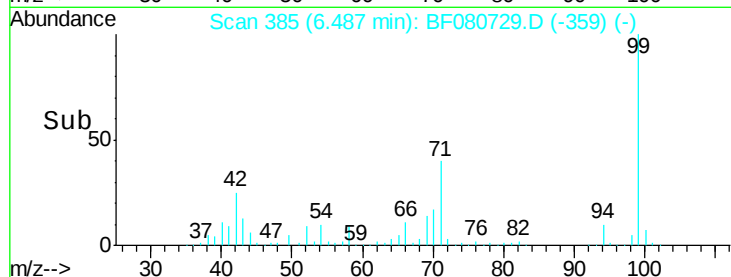
71 40.2 29.5 44.3



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: 40.54 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

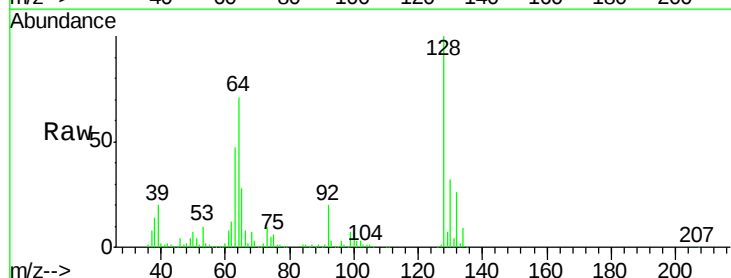
Tgt Ion: 128 Resp: 393264

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

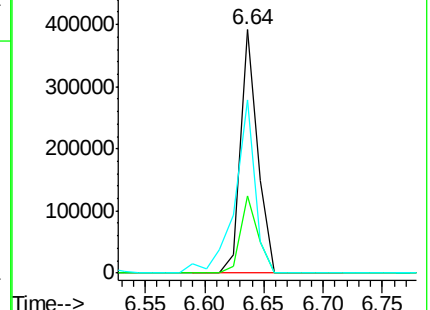
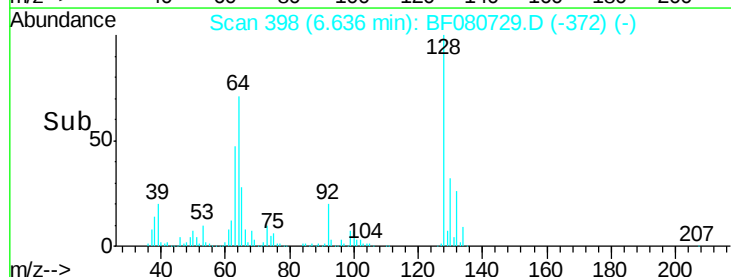
64 70.9 48.7 88.7

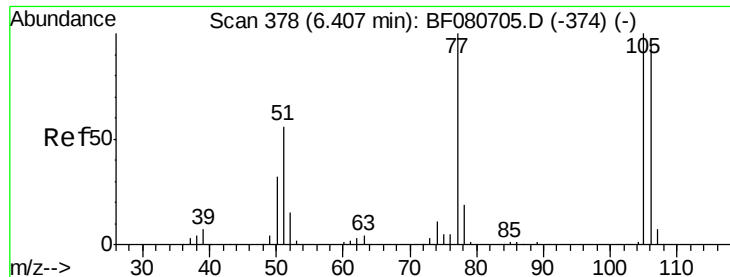


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

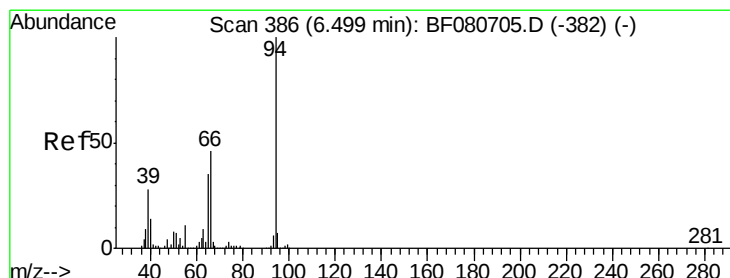
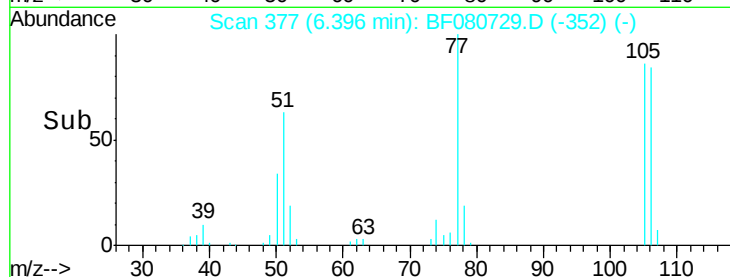
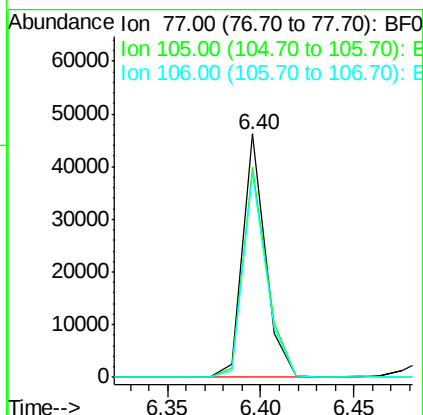
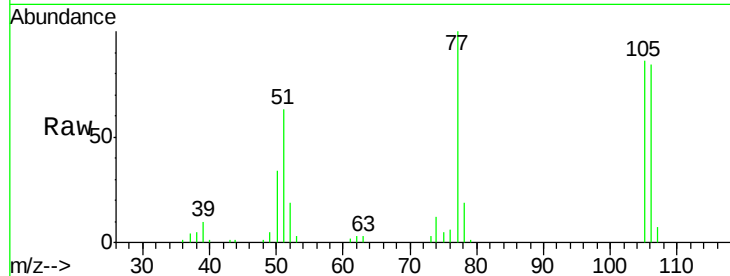




#9
Benzaldehyde
Concen: 4.10 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

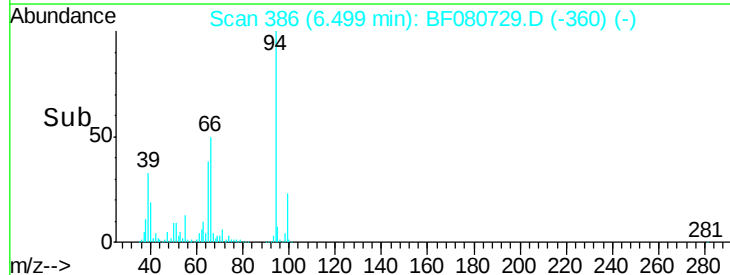
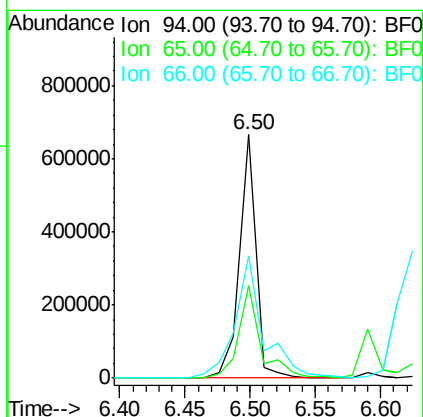
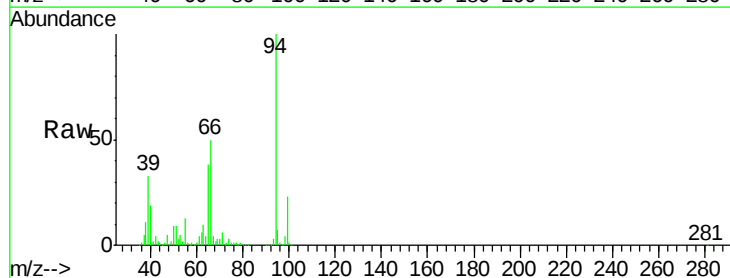
Instrument :
BNA_F
ClientSampleId :
PB84659BS

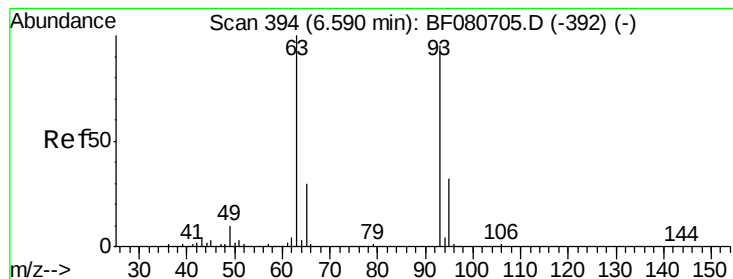
Tgt Ion: 77 Resp: 39401
Ion Ratio Lower Upper
77 100
105 86.2 80.2 120.2
106 83.6 74.2 114.2



#10
Phenol
Concen: 42.85 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion: 94 Resp: 584229
Ion Ratio Lower Upper
94 100
65 37.8 14.7 54.7
66 49.9 25.9 65.9





#11

bis(2-Chloroethyl)ether

Concen: 39.34 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

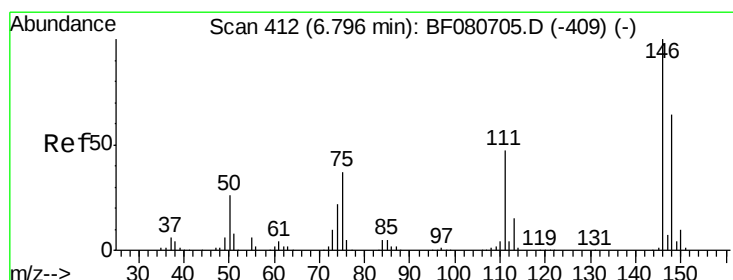
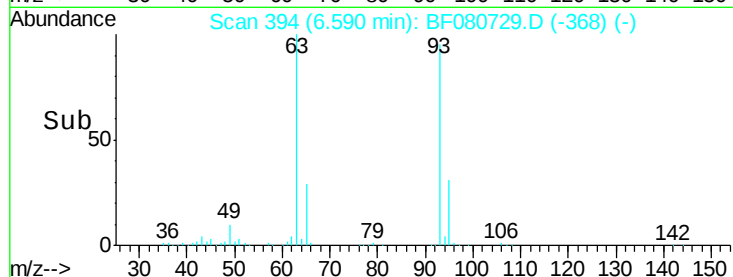
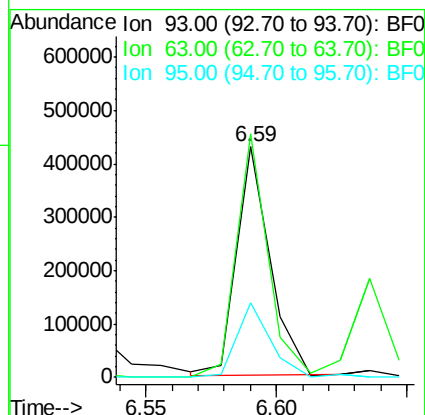
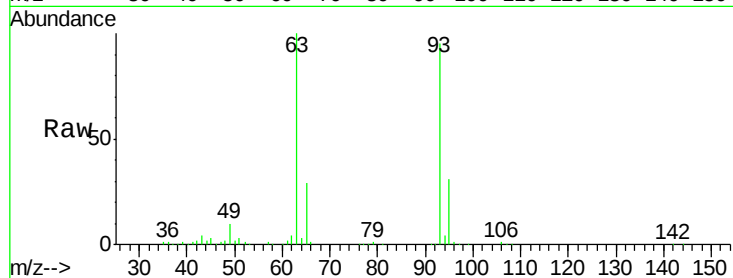
Tgt Ion: 93 Resp: 383178

Ion Ratio Lower Upper

93 100

63 105.7 85.3 125.3

95 32.3 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 42.97 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

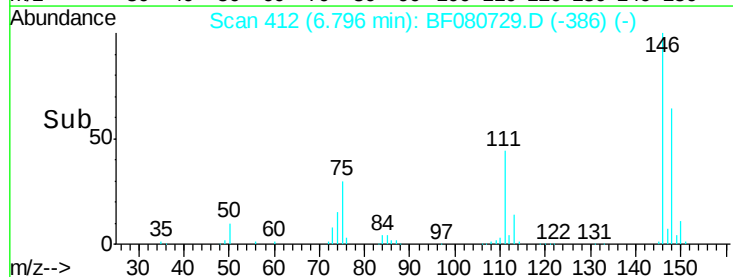
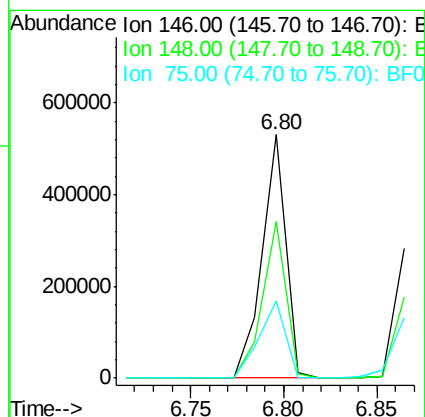
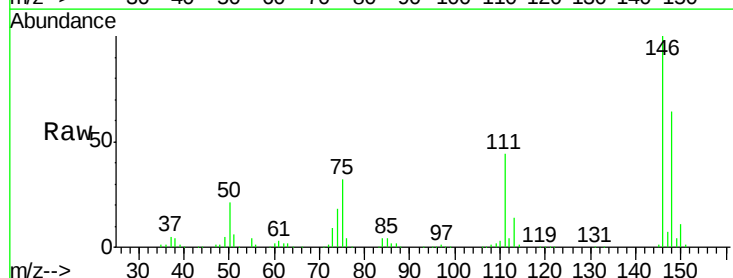
Tgt Ion: 146 Resp: 464065

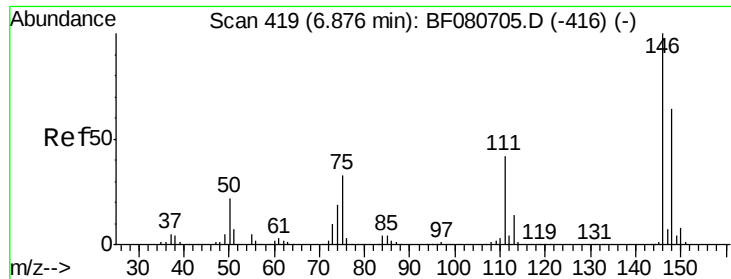
Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

75 31.9 29.4 44.0

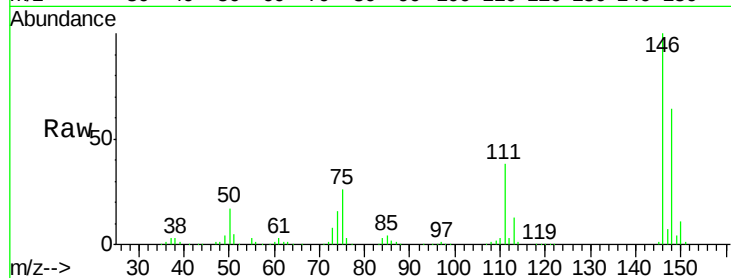




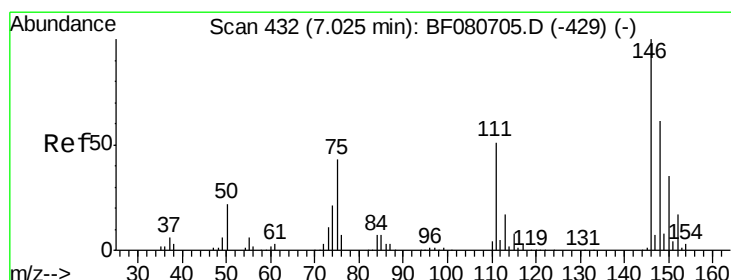
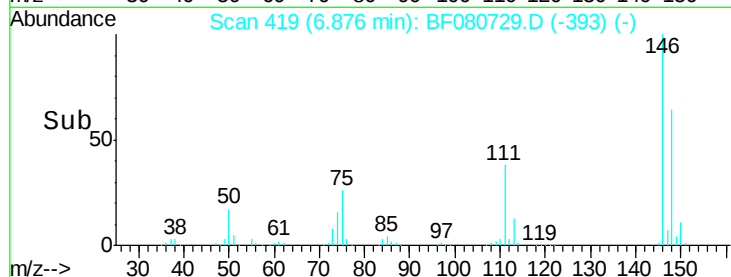
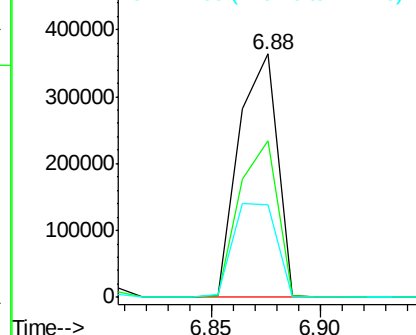
#13
 1,4-Dichlorobenzene
 Concen: 40.60 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleID :
 PB84659BS

Tgt Ion:146 Resp: 447319
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.2
 111 38.1 33.8 50.6

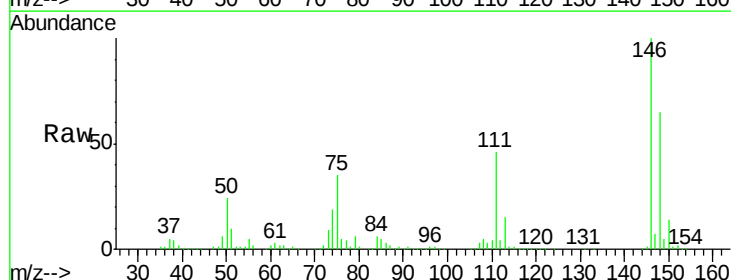


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

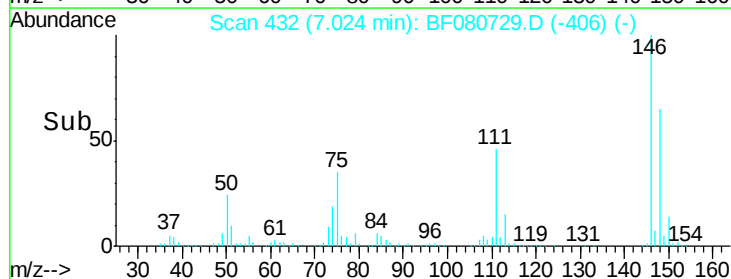
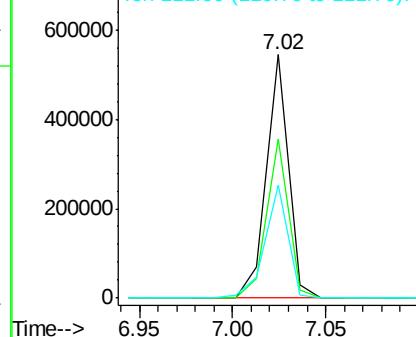


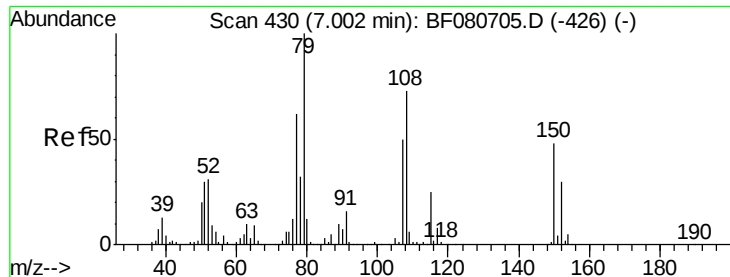
#14
 1,2-Dichlorobenzene
 Concen: 43.82 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:146 Resp: 441278
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.2 73.8
 111 46.4 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: 36.66 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

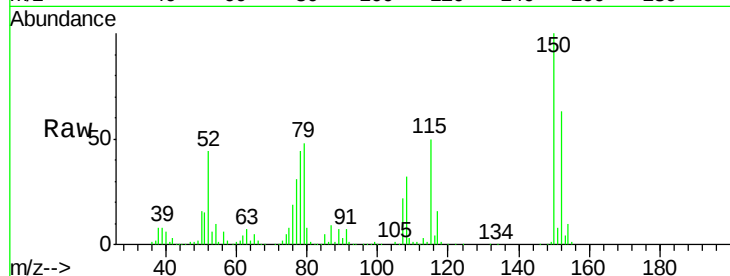
Tgt Ion: 79 Resp: 358721

Ion Ratio Lower Upper

79 100

108 66.7 58.7 88.1

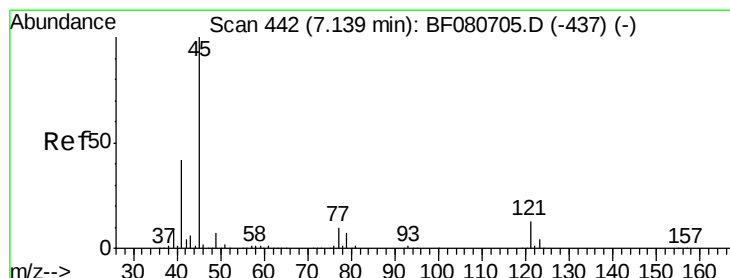
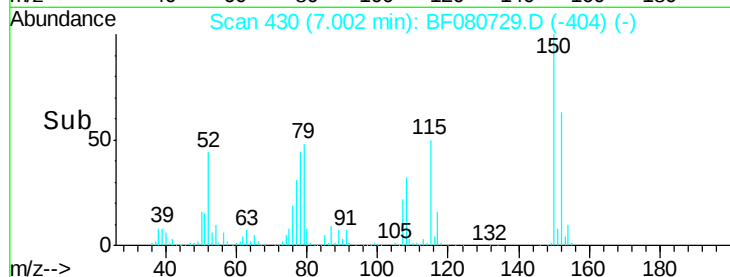
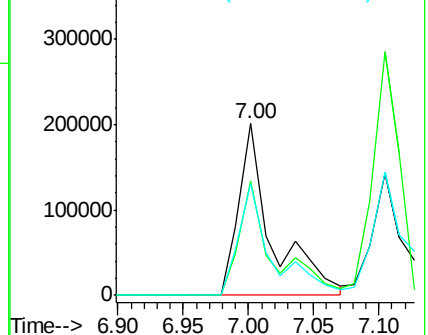
77 65.0 49.8 74.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.57 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

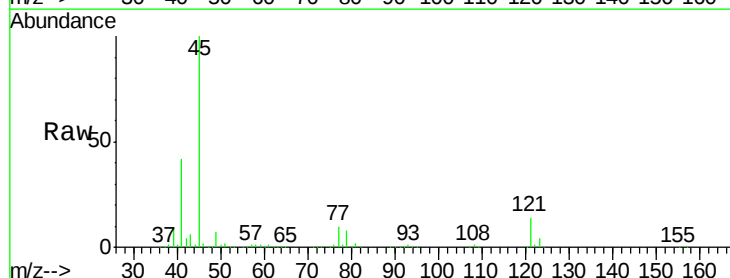
Tgt Ion: 45 Resp: 927592

Ion Ratio Lower Upper

45 100

77 10.3 0.0 29.9

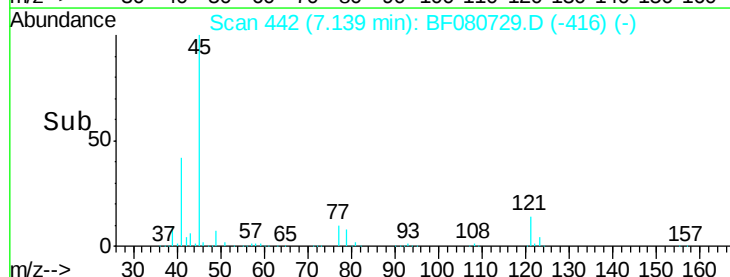
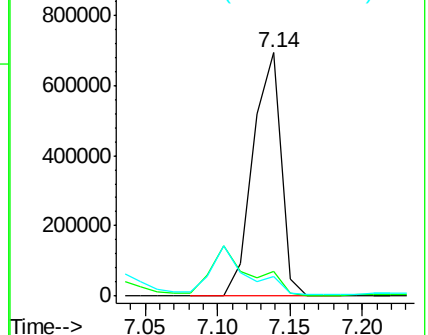
79 8.3 0.0 27.4

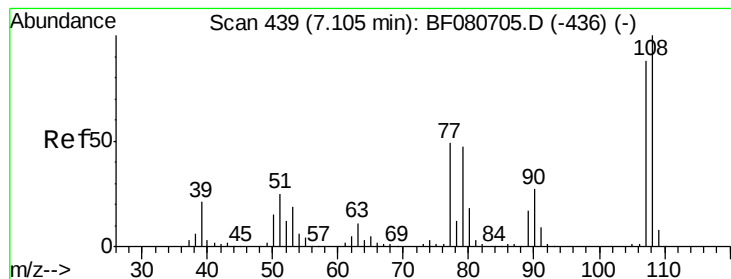


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

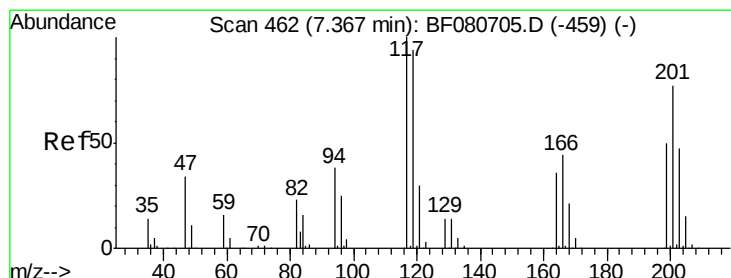
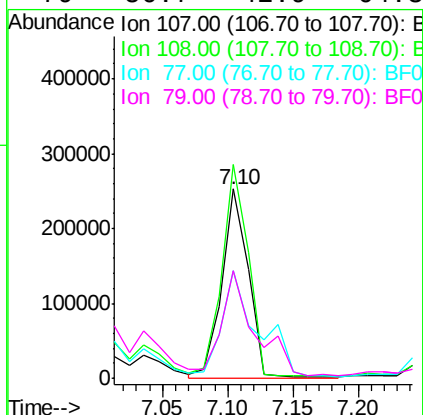
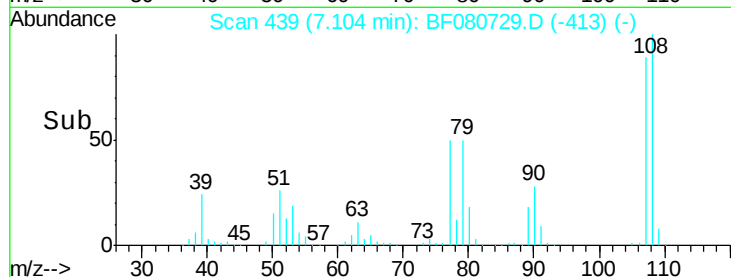
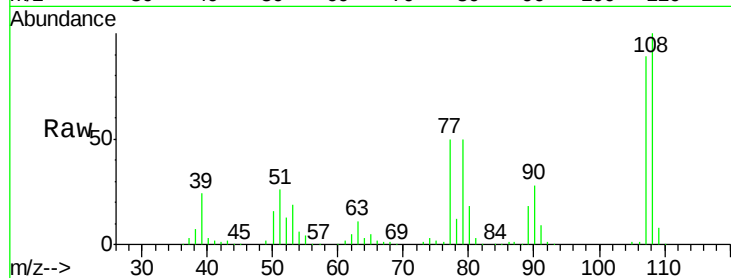




#17
2-Methylphenol
Concen: 44.56 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

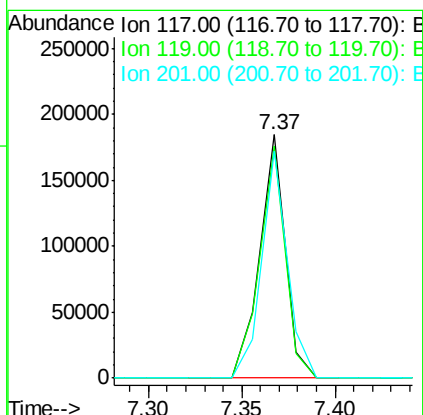
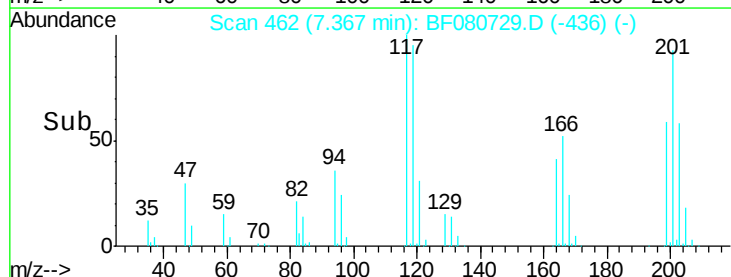
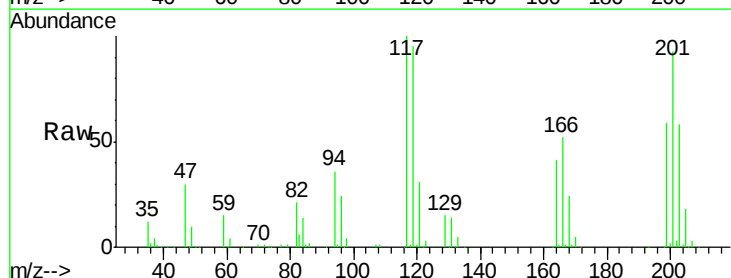
Instrument :
BNA_F
ClientSampleId :
PB84659BS

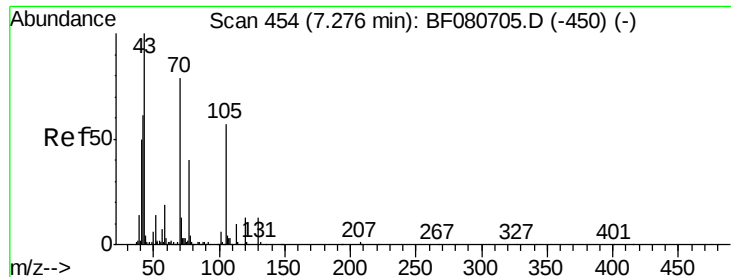
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.8	136.2
77	56.9	44.6	67.0
79	56.7	42.9	64.3



#18
Hexachloroethane
Concen: 42.46 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.9	112.3
201	93.0	61.5	92.3

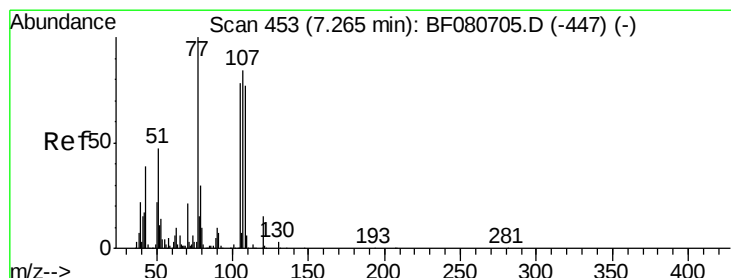
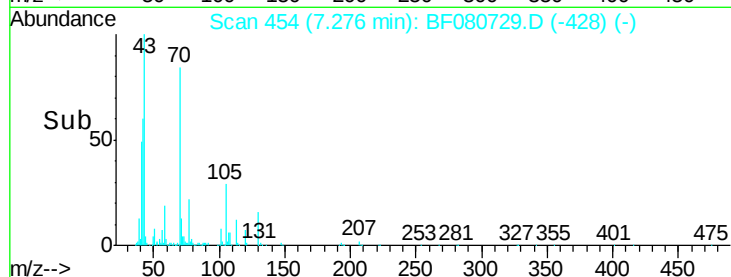
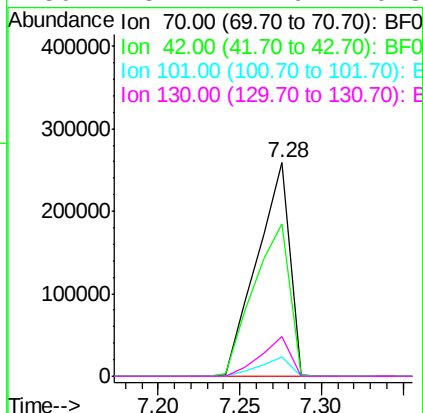
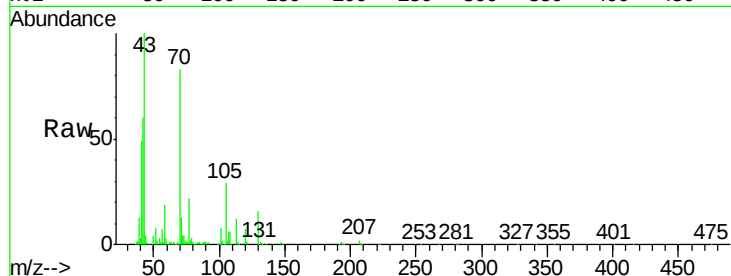




#19
n-Nitroso-di-n-propylamine
Concen: 45.32 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

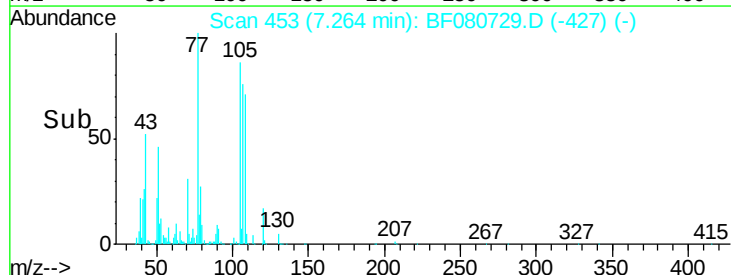
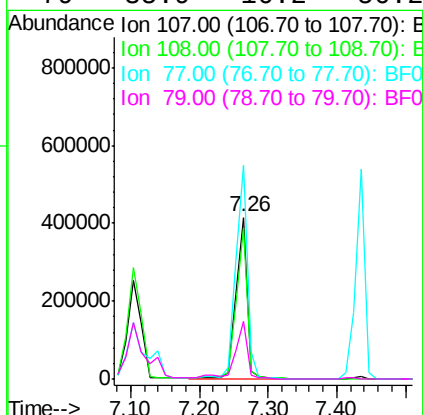
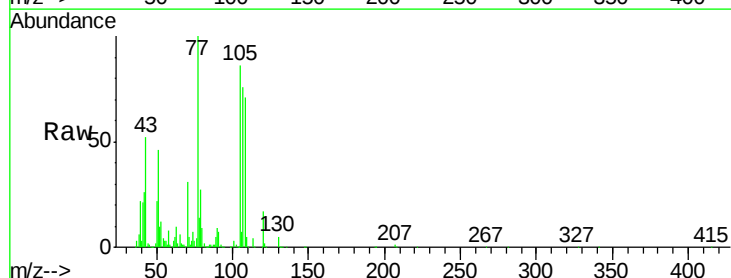
Instrument :
BNA_F
ClientSampleId :
PB84659BS

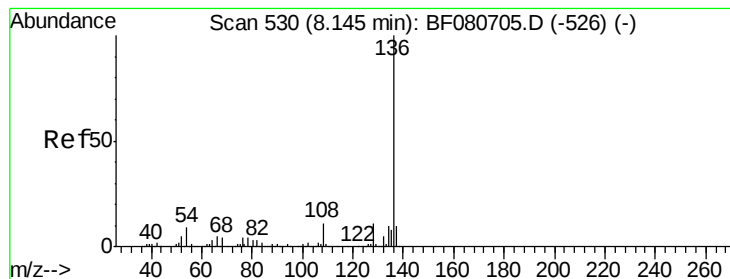
Tgt Ion: 70 Resp: 359598
Ion Ratio Lower Upper
70 100
42 71.6 61.8 92.6
101 9.2 6.1 9.1#
130 18.7 12.9 19.3



#20
3+4-Methylphenols
Concen: 48.35 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion: 107 Resp: 475016
Ion Ratio Lower Upper
107 100
108 93.3 71.8 111.8
77 132.3 99.8 139.8
79 35.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

Tgt Ion:136 Resp: 544788

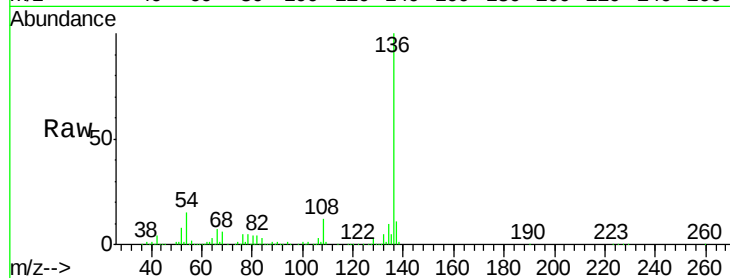
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 14.8 6.9 10.3#

68 6.3 3.5 5.3#

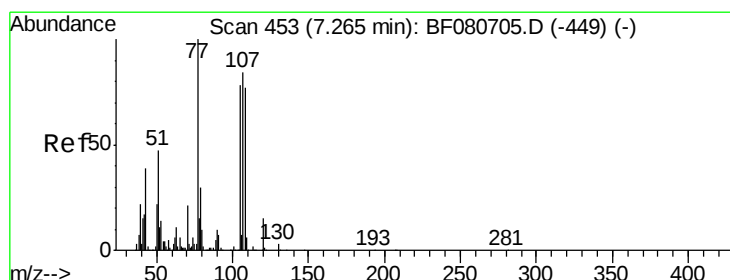
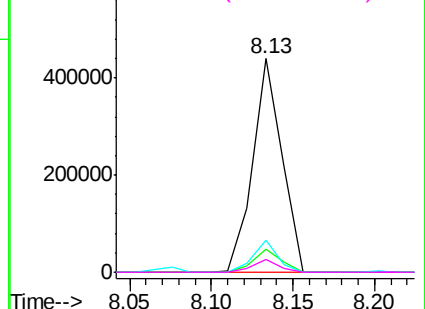
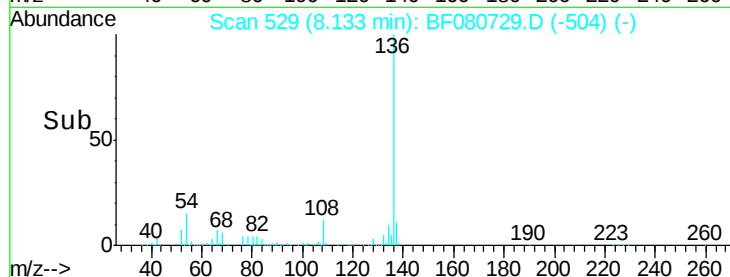


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.37 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Tgt Ion:105 Resp: 570349

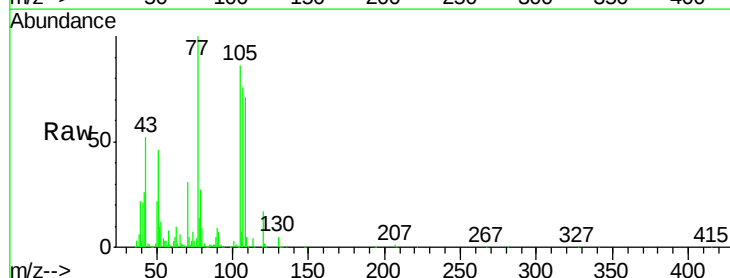
Ion Ratio Lower Upper

105 100

71 6.0 3.4 5.0#

51 52.9 47.9 71.9

120 19.5 15.0 22.6

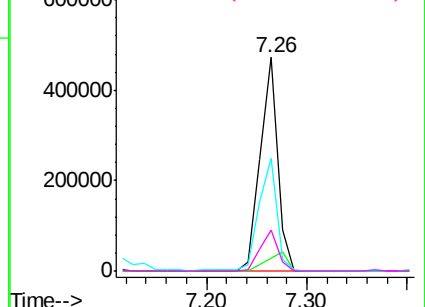
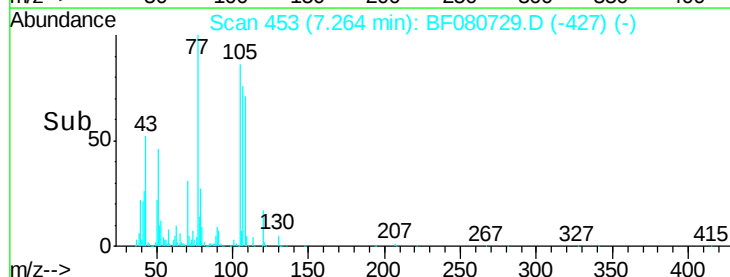


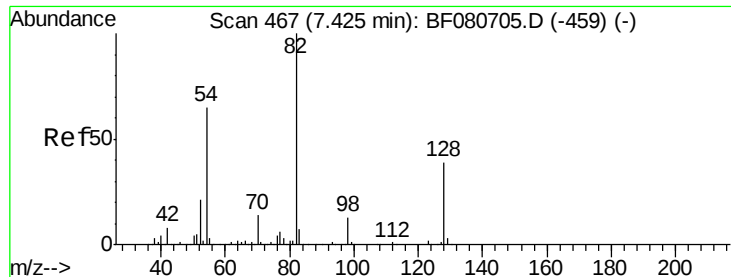
Abundance Ion 105.00 (104.70 to 105.70): E

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

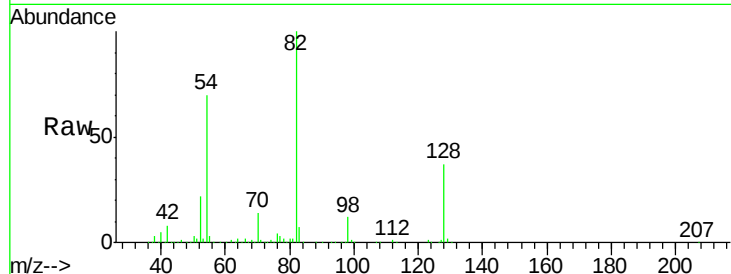




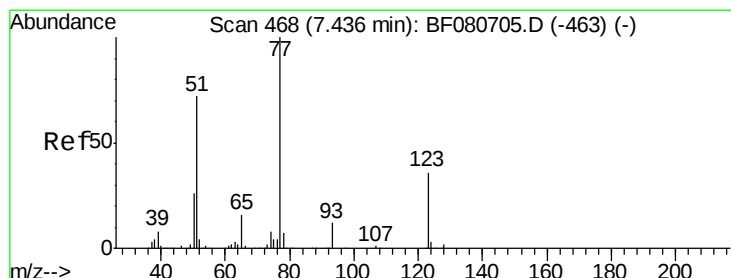
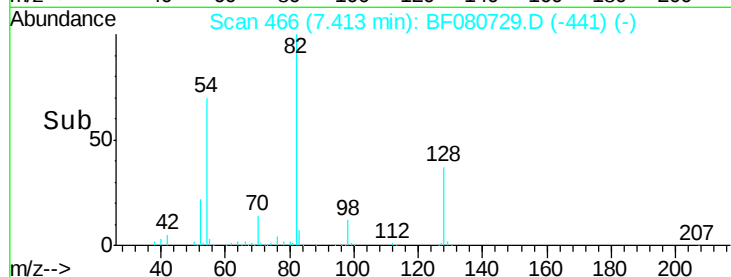
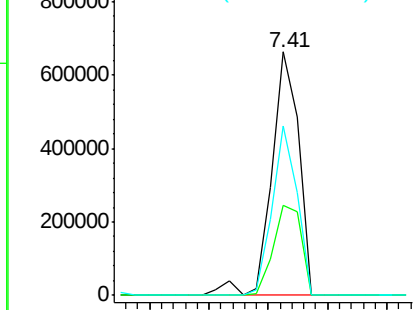
#23
 Nitrobenzene-d5
 Concen: 92.68 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion: 82 Resp: 1042613
 Ion Ratio Lower Upper
 82 100
 128 36.8 31.5 47.3
 54 69.6 51.8 77.8

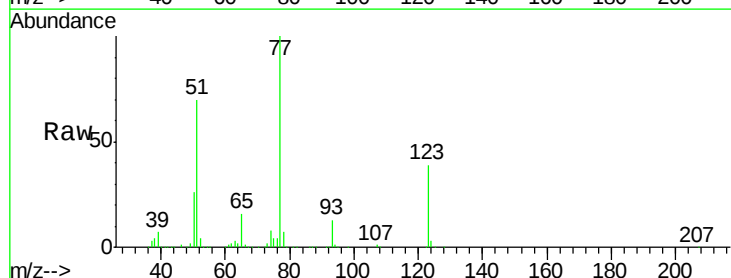


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

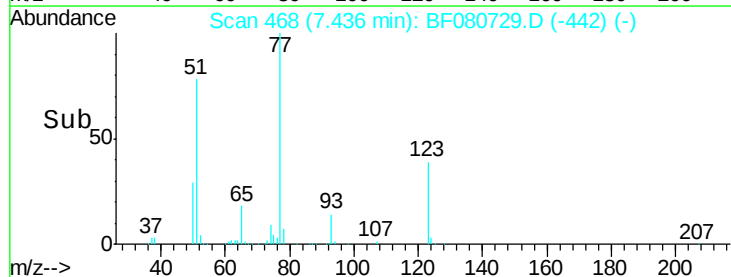
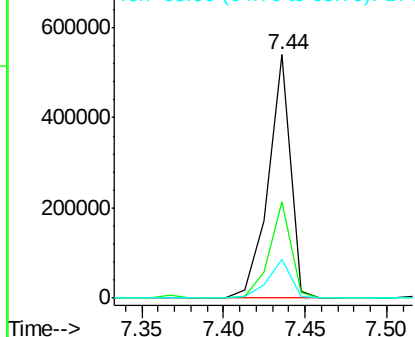


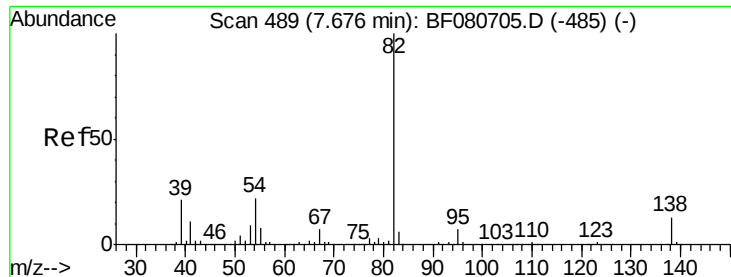
#24
 Nitrobenzene
 Concen: 45.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion: 77 Resp: 510908
 Ion Ratio Lower Upper
 77 100
 123 39.4 28.9 43.3
 65 15.9 13.0 19.4



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





#25

Isophorone

Concen: 43.98 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

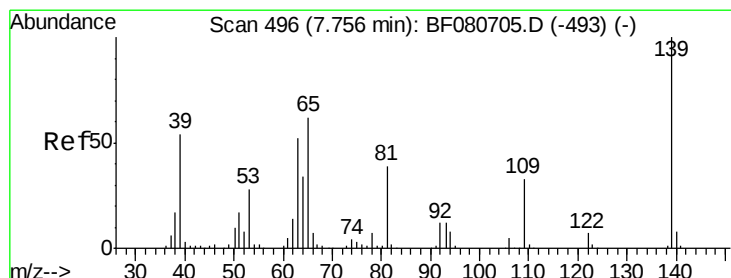
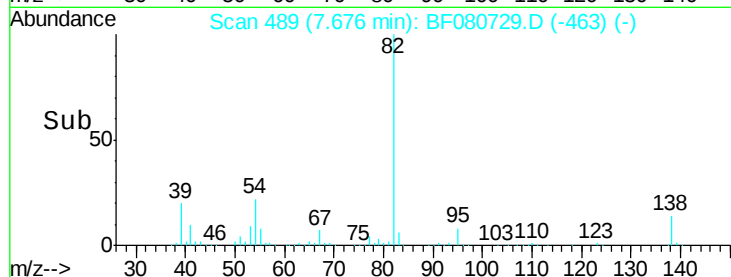
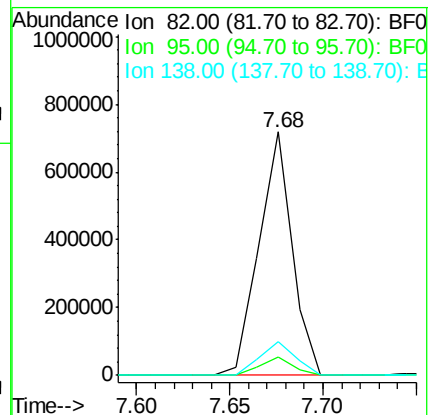
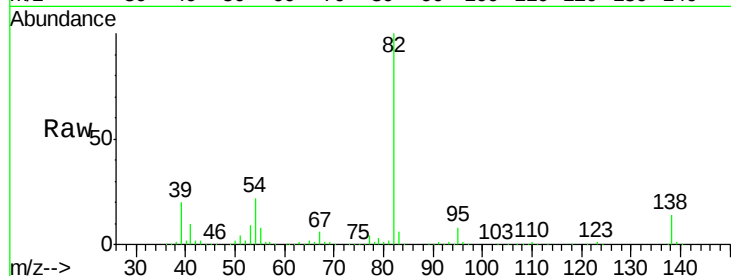
Tgt Ion: 82 Resp: 879898

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 13.9 10.7 16.1



#26

2-Nitrophenol

Concen: 48.44 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

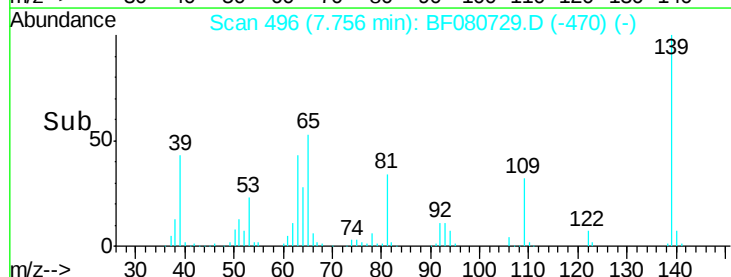
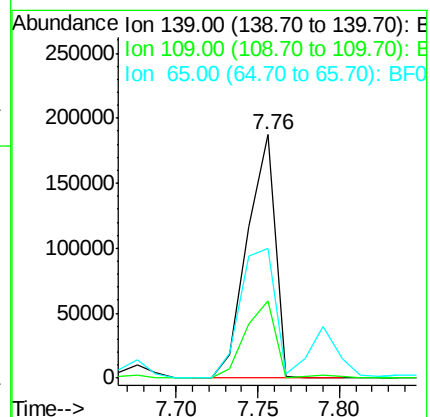
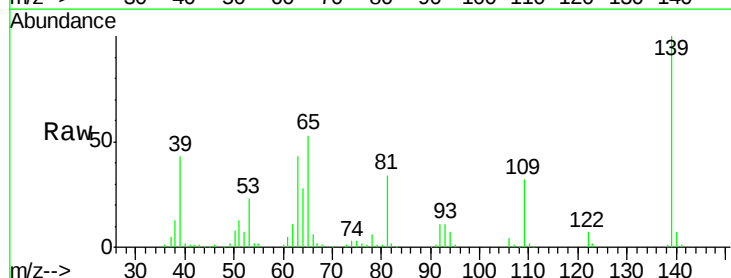
Tgt Ion: 139 Resp: 221600

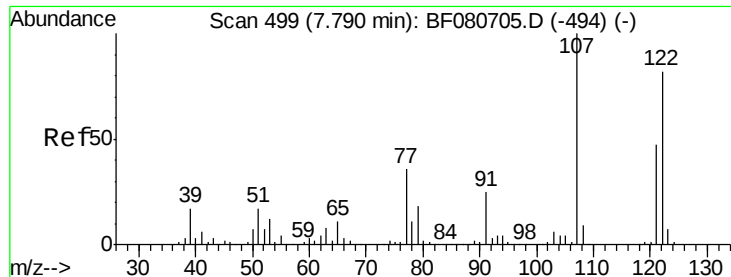
Ion Ratio Lower Upper

139 100

109 31.8 26.5 39.7

65 53.2 49.8 74.8

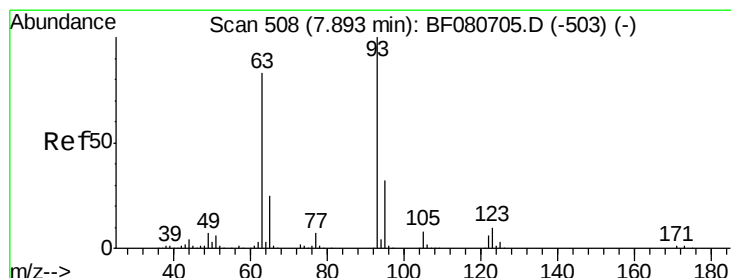
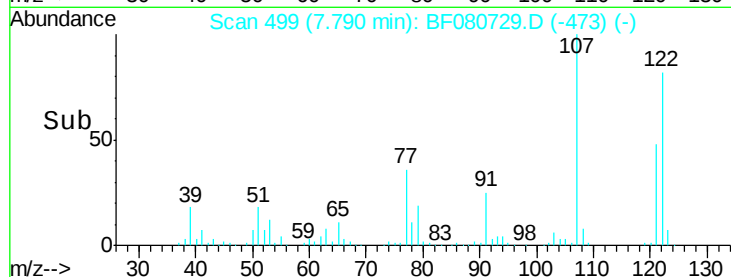
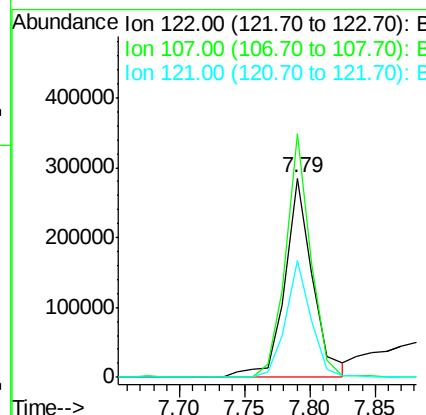
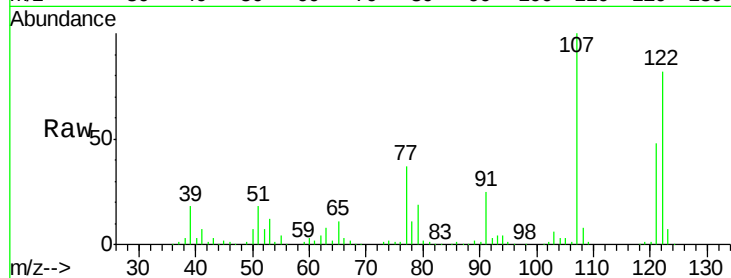




#27
 2,4-Dimethylphenol
 Concen: 49.63 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

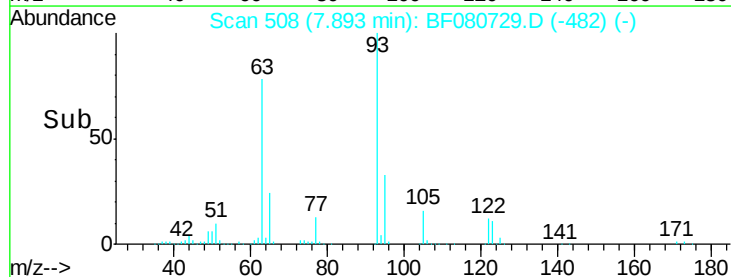
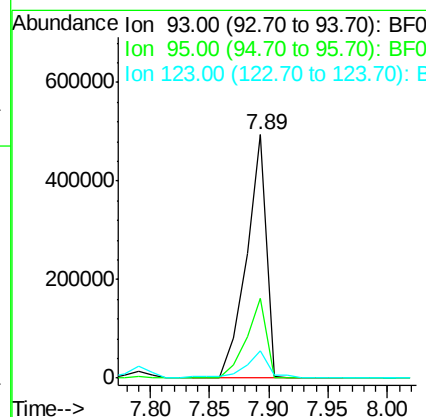
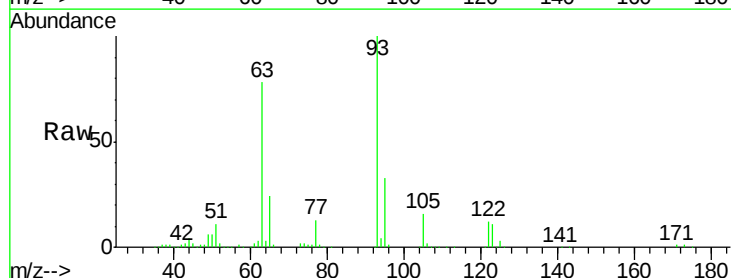
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

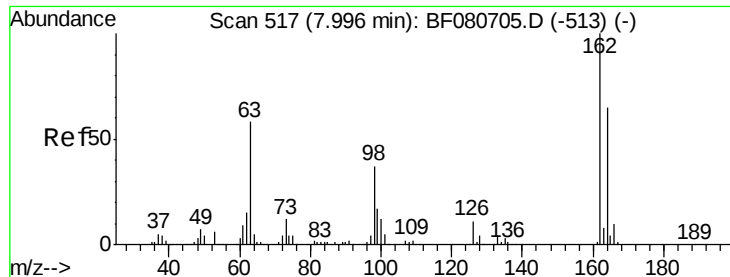
Tgt Ion:122 Resp: 426601
 Ion Ratio Lower Upper
 122 100
 107 122.1 98.1 147.1
 121 58.5 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.28 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion: 93 Resp: 572247
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 11.0 8.2 12.4

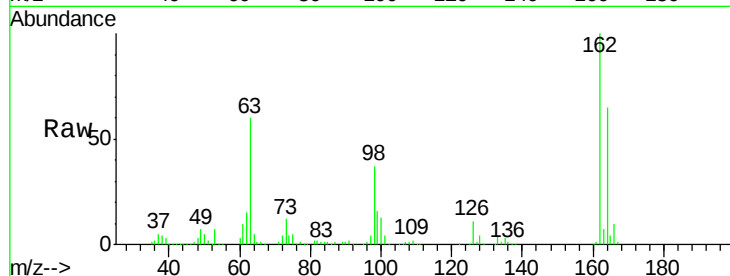




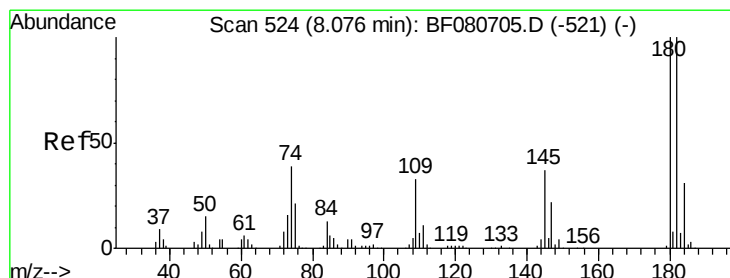
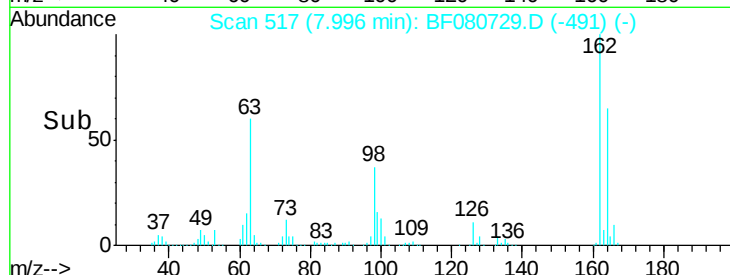
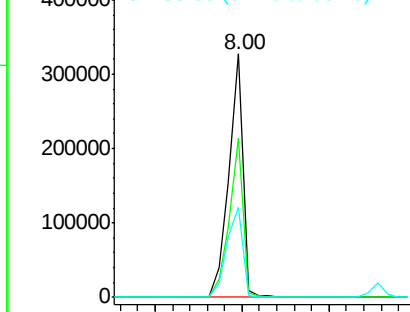
#29
2,4-Dichlorophenol
Concen: 48.22 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:162 Resp: 368356
Ion Ratio Lower Upper
162 100
164 65.1 45.1 85.1
98 36.8 17.0 57.0

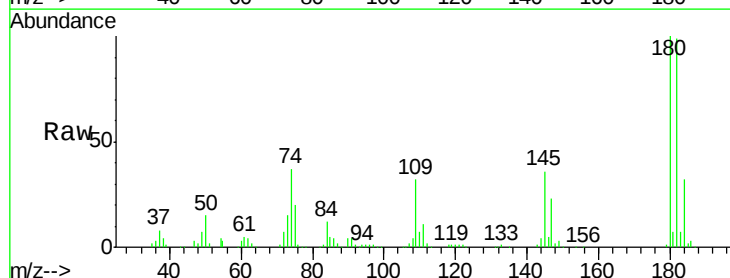


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

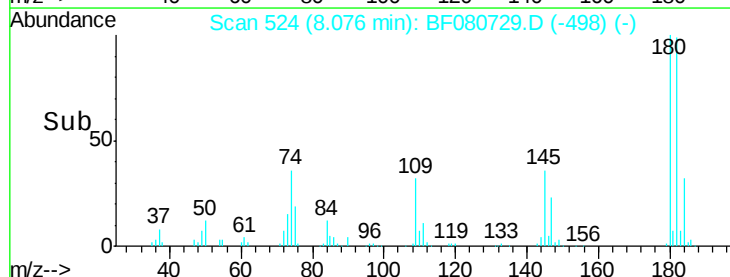
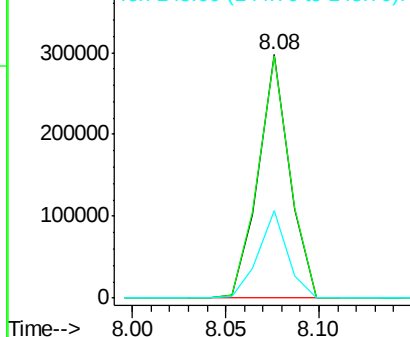


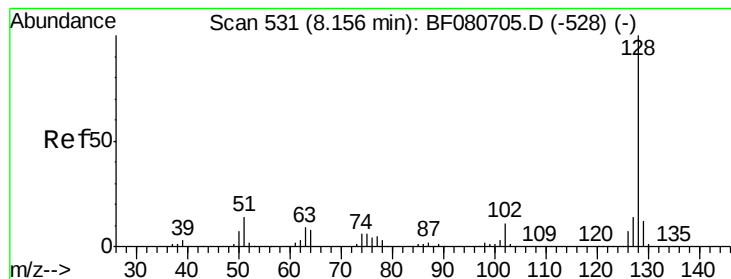
#30
1,2,4-Trichlorobenzene
Concen: 42.19 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion:180 Resp: 351500
Ion Ratio Lower Upper
180 100
182 99.5 79.8 119.8
145 35.7 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: 41.58 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

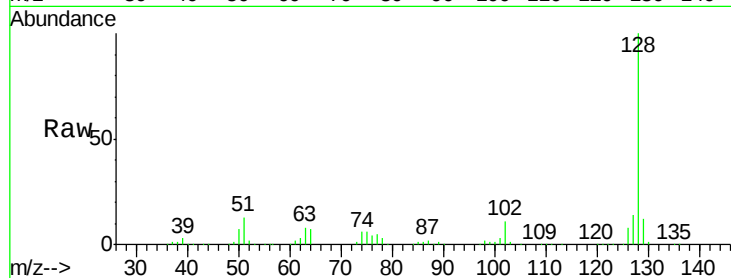
Tgt Ion:128 Resp: 1130760

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

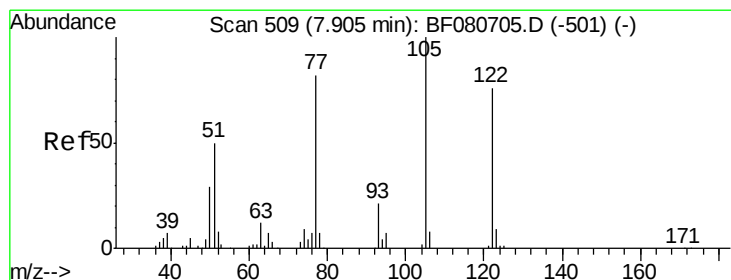
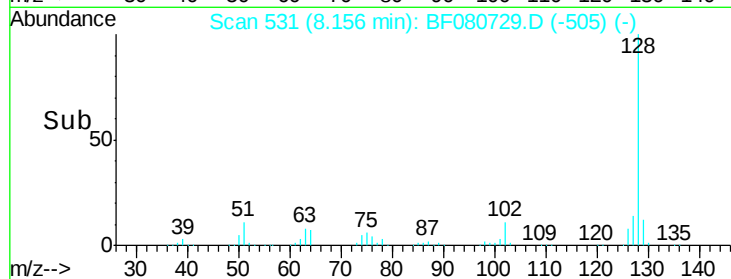
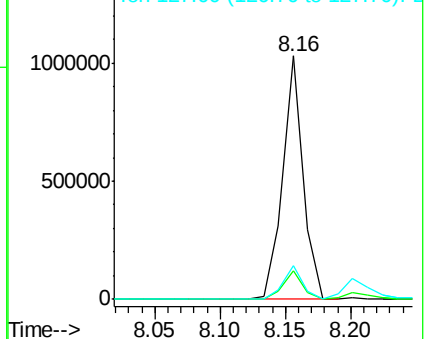
127 14.0 11.0 16.6



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: 48.51 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

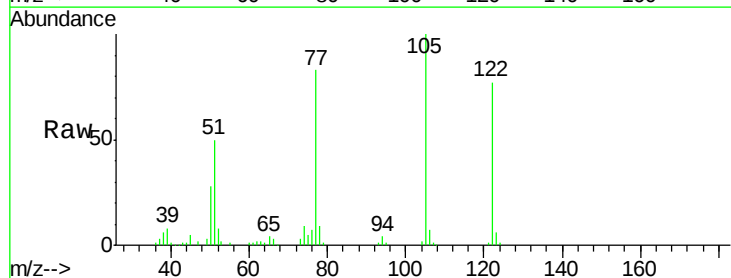
Tgt Ion:122 Resp: 292390

Ion Ratio Lower Upper

122 100

105 130.3 111.3 151.3

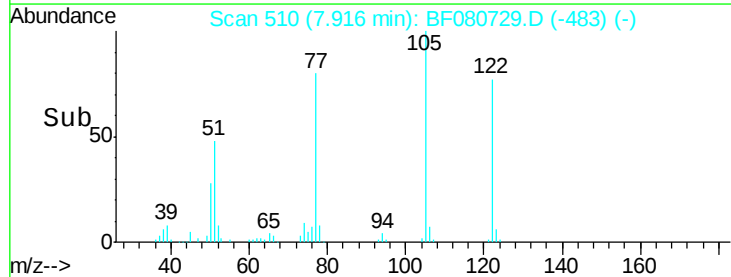
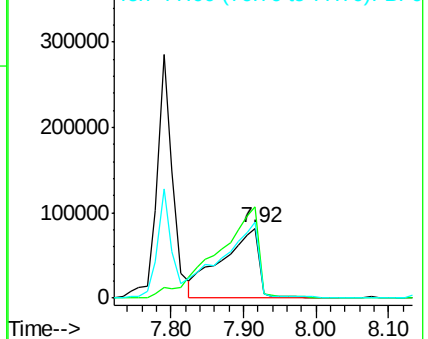
77 108.3 88.1 128.1

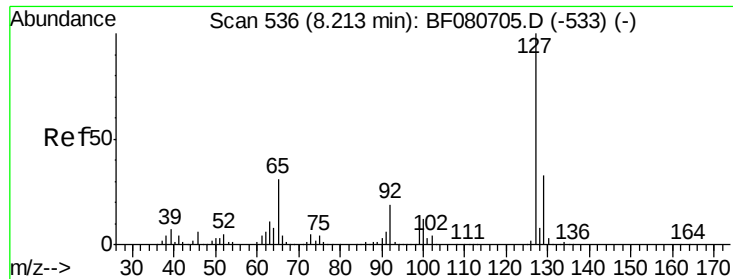


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

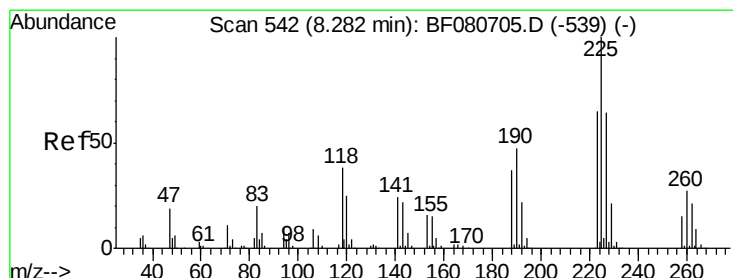
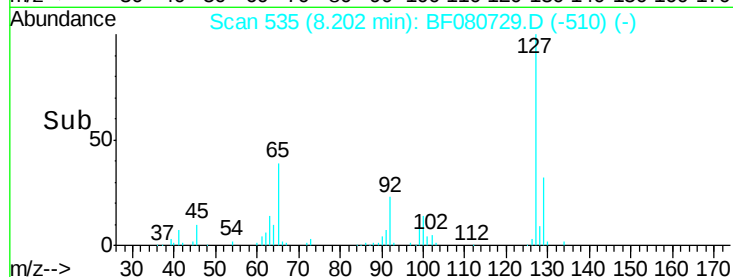
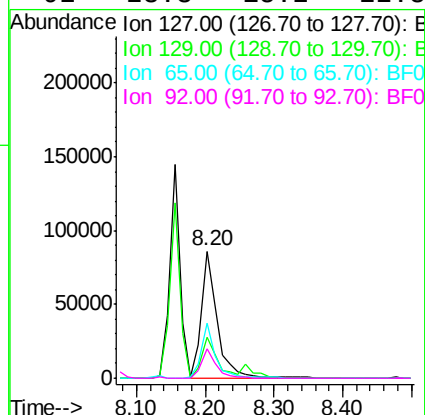
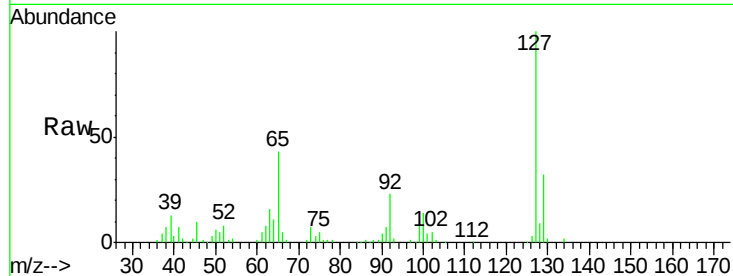




#33
4-Chloroaniline
Concen: 11.96 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

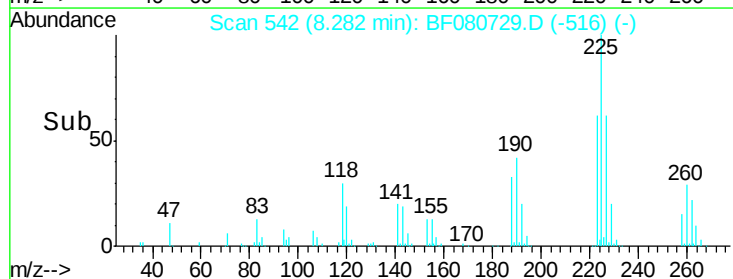
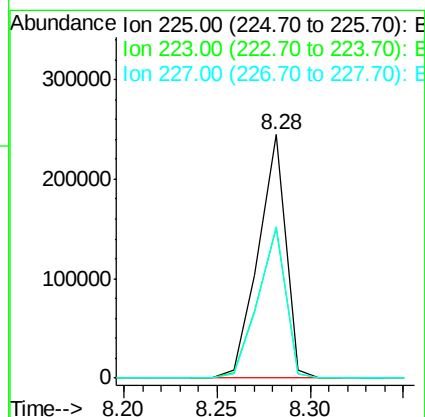
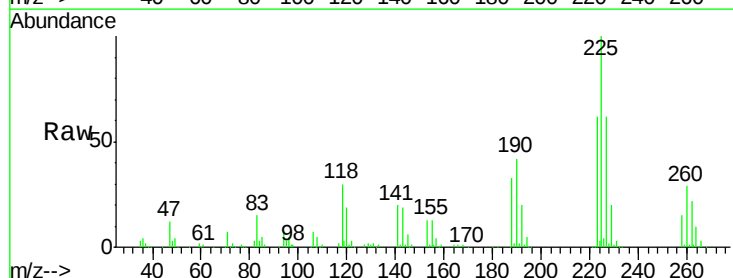
Instrument :
BNA_F
ClientSampleId :
PB84659BS

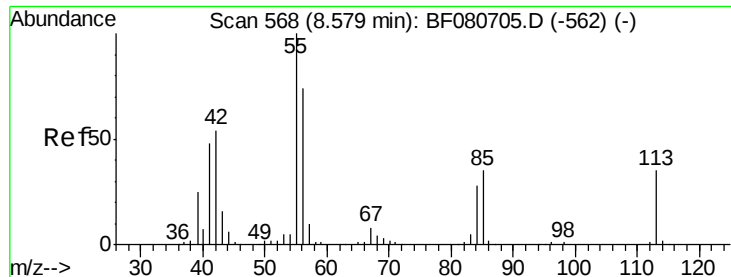
Tgt Ion:	127	Resp:	137185
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	43.4	24.5	36.7
92	23.3	15.2	22.8



#34
Hexachlorobutadiene
Concen: 46.40 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion:	225	Resp:	249566
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.7	77.5
227	62.0	51.0	76.4

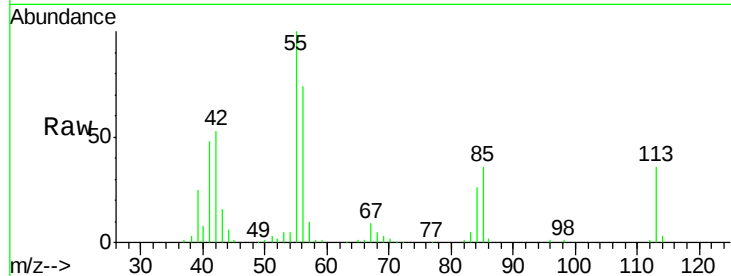




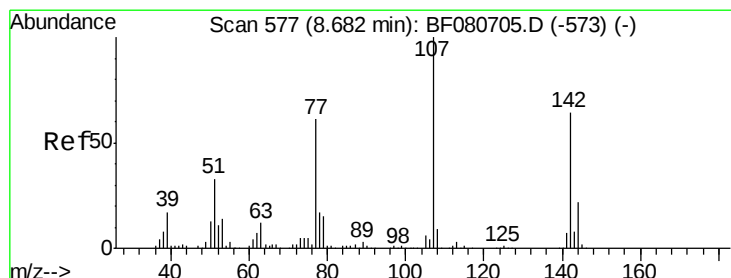
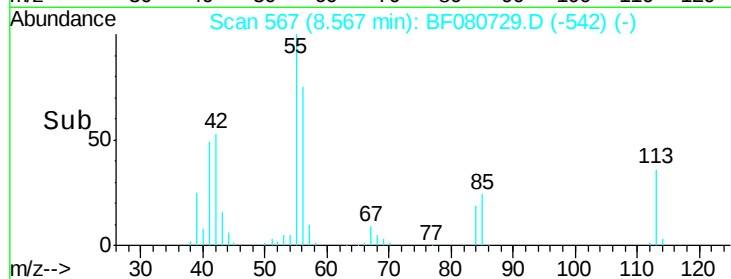
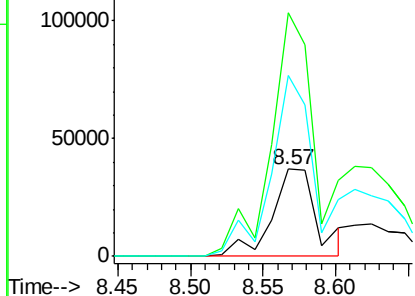
#35
 Caprolactam
 Concen: 35.07 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:113 Resp: 80239
 Ion Ratio Lower Upper
 113 100
 55 278.8 269.3 309.3
 56 207.4 193.3 233.3

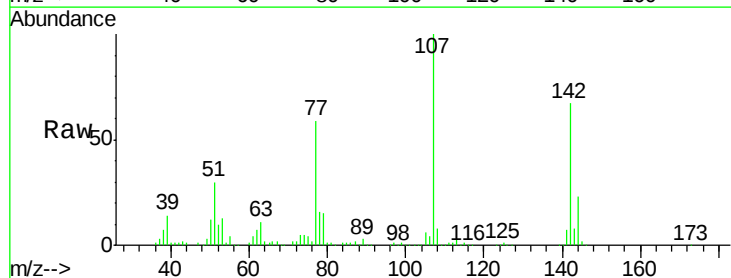


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

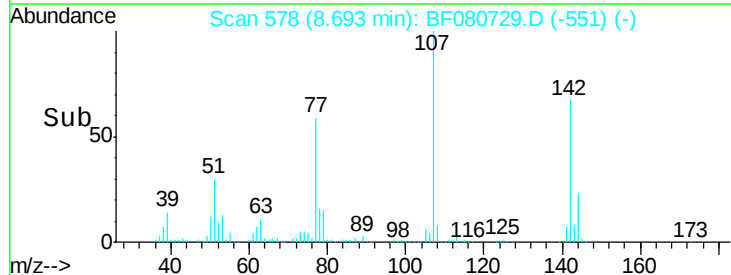
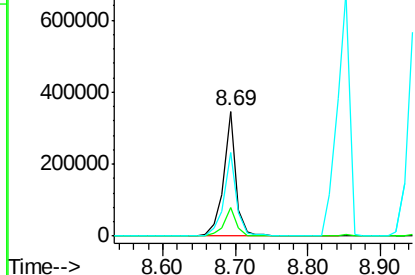


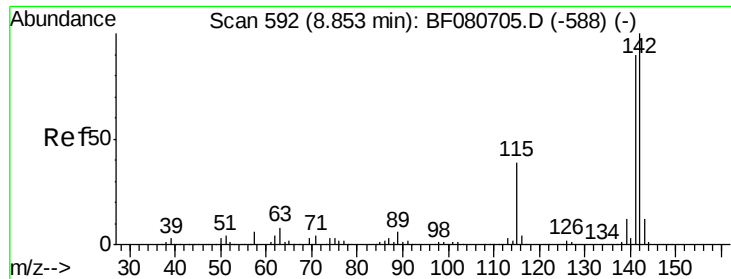
#36
 4-Chloro-3-methylphenol
 Concen: 49.75 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:107 Resp: 409771
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.2 25.8
 142 66.8 51.2 76.8



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

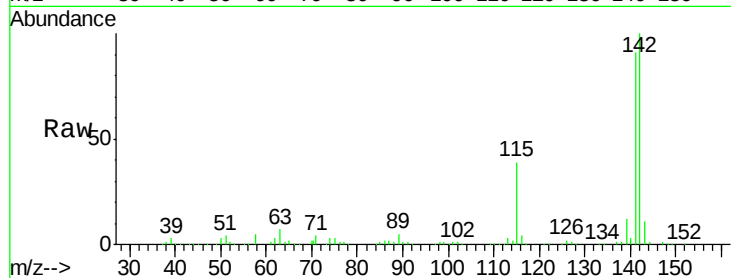




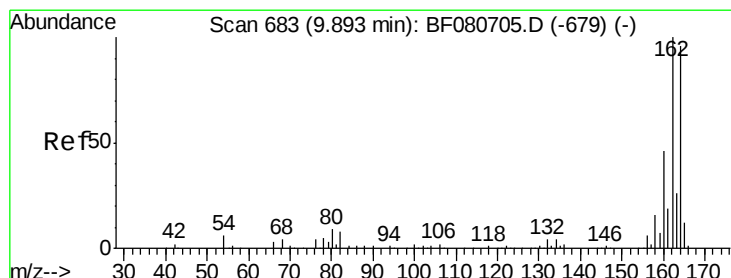
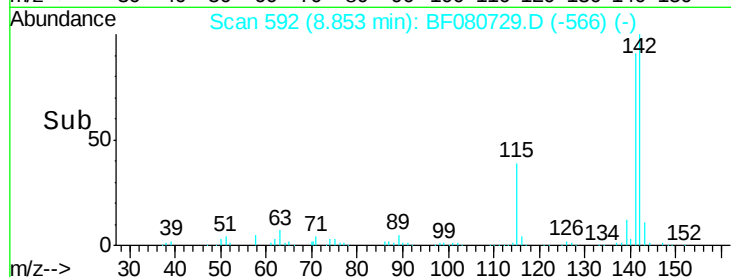
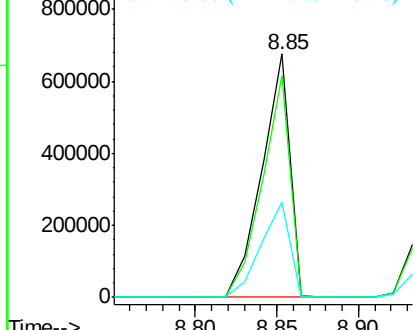
#37
 2-Methylnaphthalene
 Concen: 47.38 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:142 Resp: 808704
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.9 107.9
 115 39.2 31.4 47.2

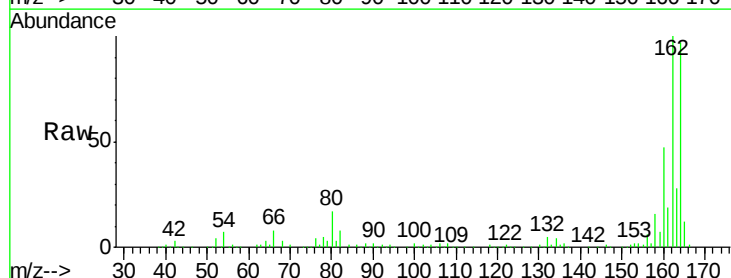


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

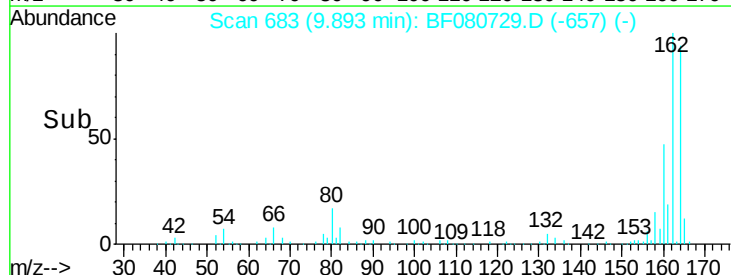
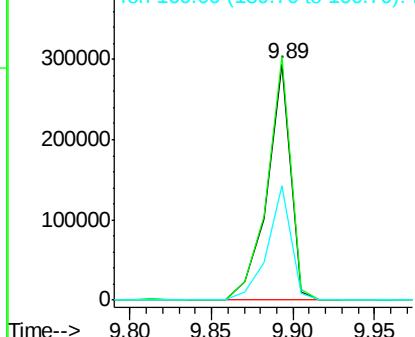


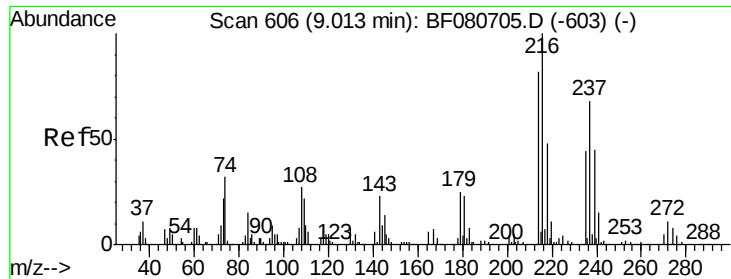
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:164 Resp: 293480
 Ion Ratio Lower Upper
 164 100
 162 103.2 83.4 125.0
 160 48.3 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

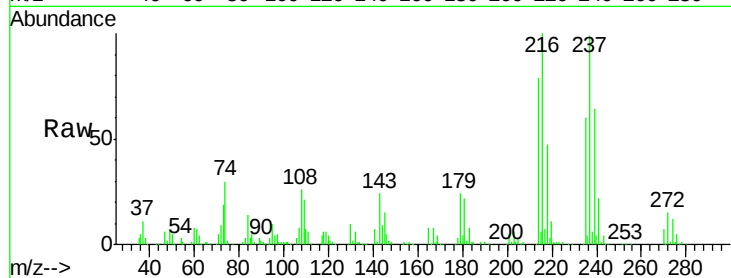




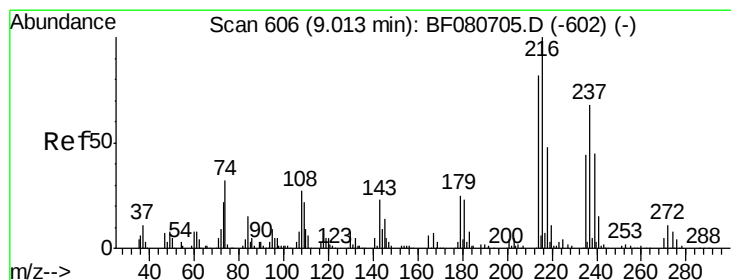
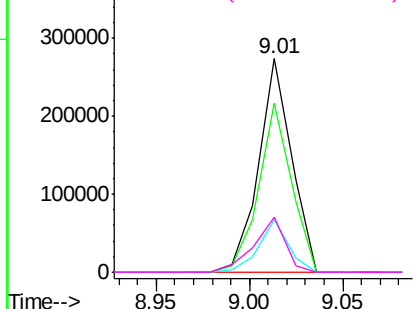
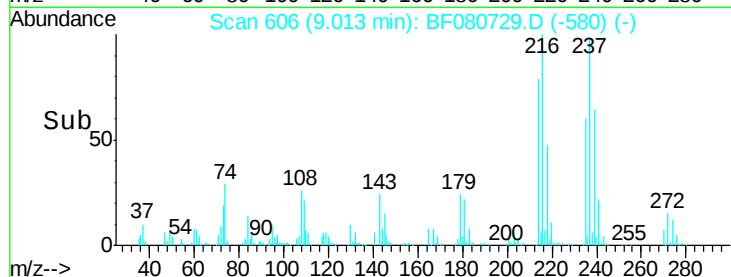
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.24 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:	216	Resp:	334039
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.1	94.7
179	22.1	16.9	25.3
108	24.7	17.0	25.6

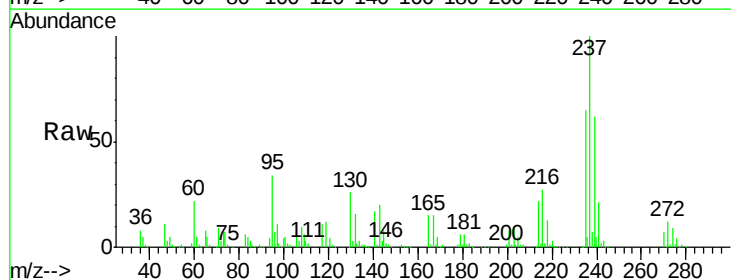


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

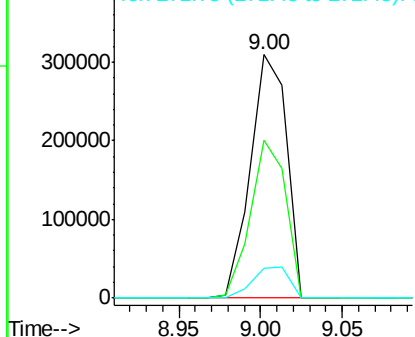
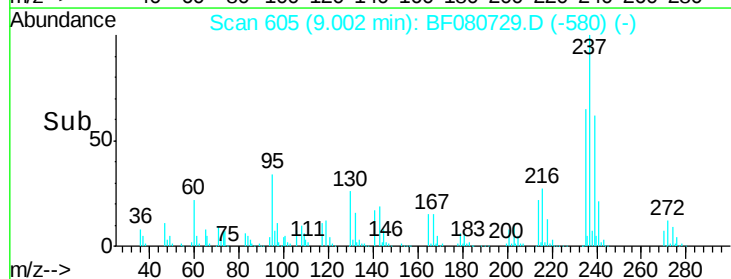


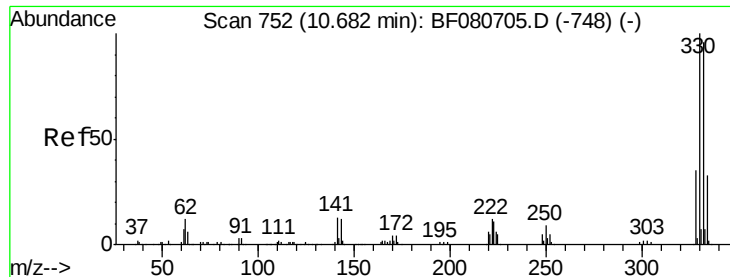
#40
 Hexachlorocyclopentadiene
 Concen: 84.09 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:	237	Resp:	476799
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.3	84.3
272	12.3	0.0	35.5



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

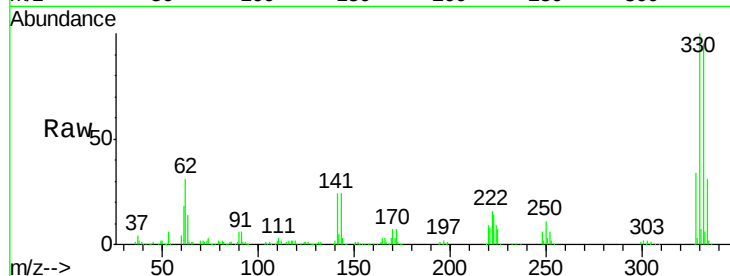




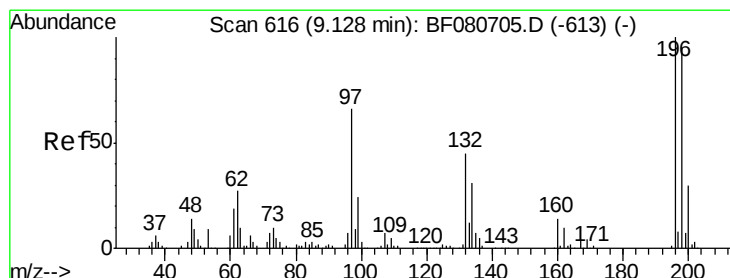
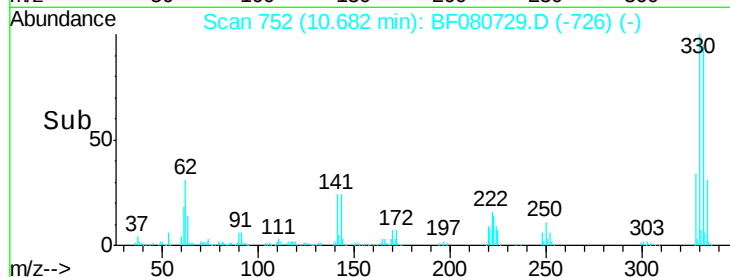
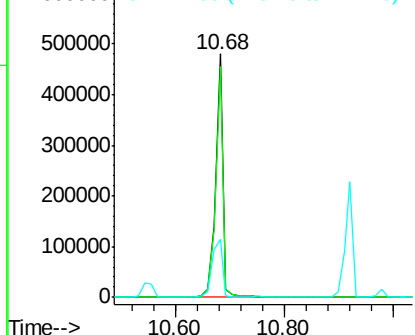
#41
 2,4,6-Tribromophenol
 Concen: 153.15 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:330 Resp: 466385
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 33.9 26.0 39.0

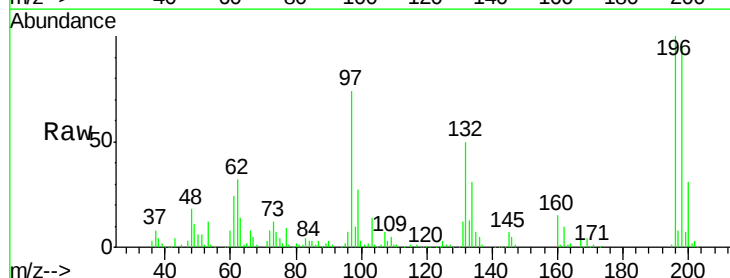


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

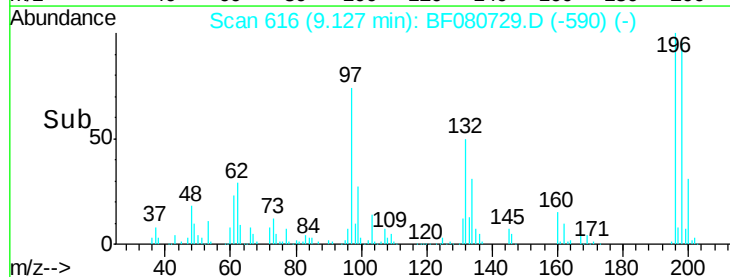
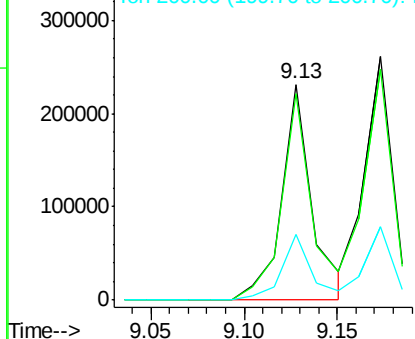


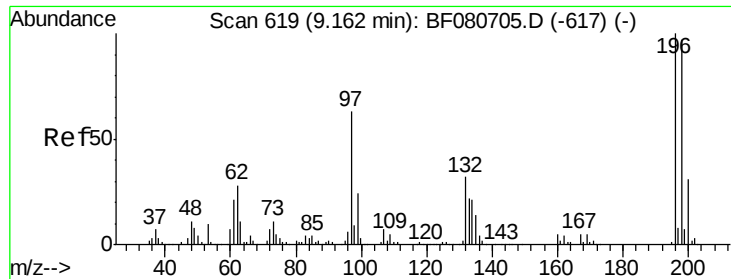
#42
 2,4,6-Trichlorophenol
 Concen: 41.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:196 Resp: 262909
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.8 113.8
 200 30.7 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

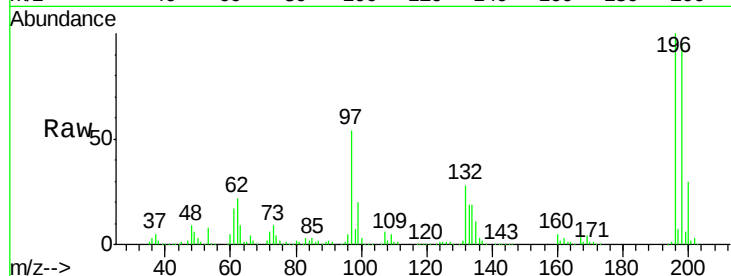




#43
 2,4,5-Trichlorophenol
 Concen: 46.20 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.8	116.8
97	54.1	49.0	73.4
132	28.1	25.4	38.0



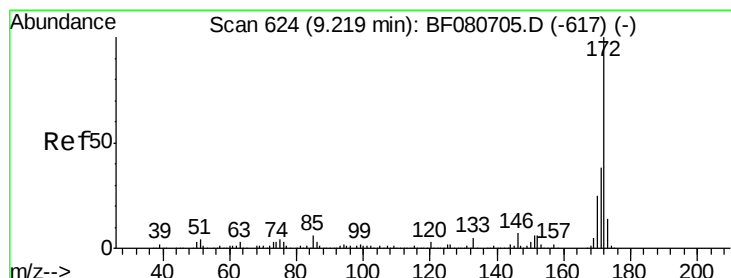
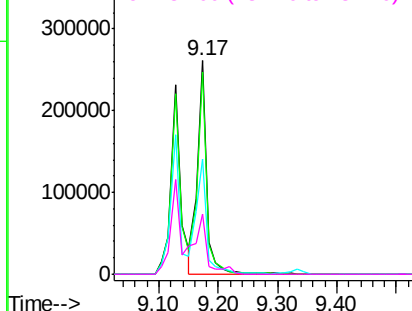
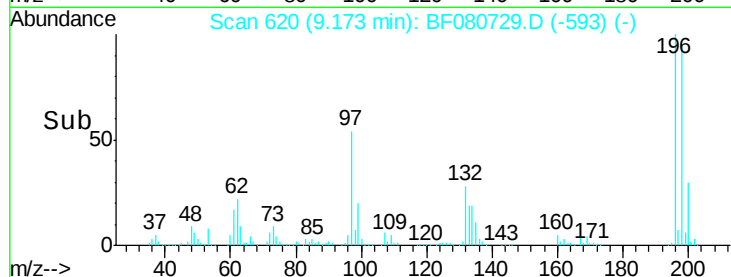
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

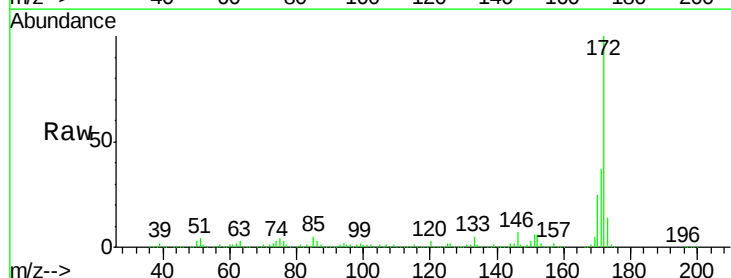
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.12 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.2	45.4
170	25.5	20.2	30.2

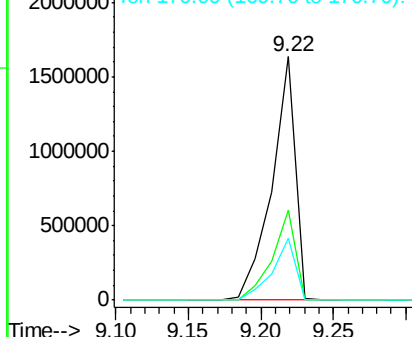
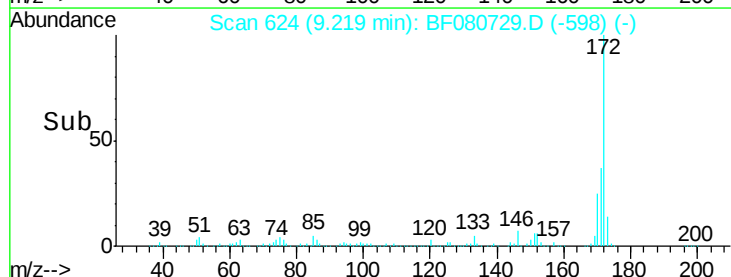


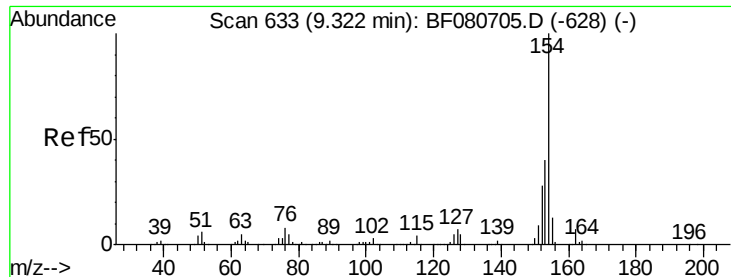
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

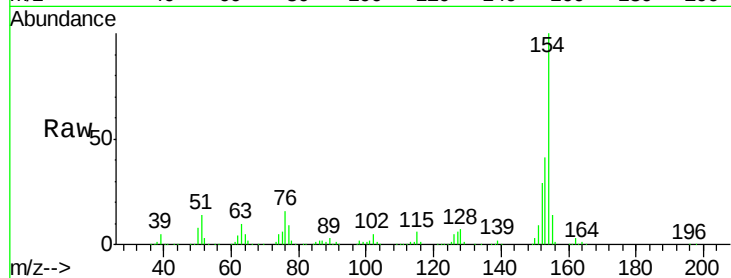




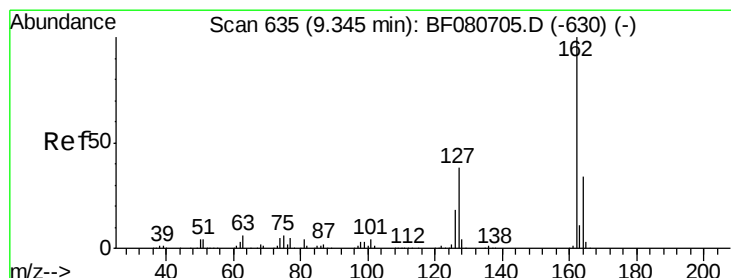
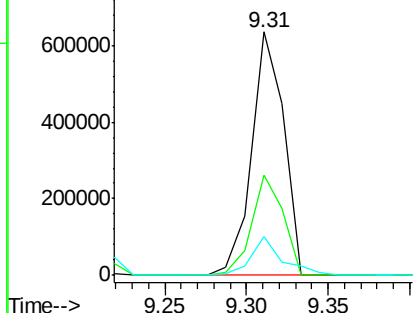
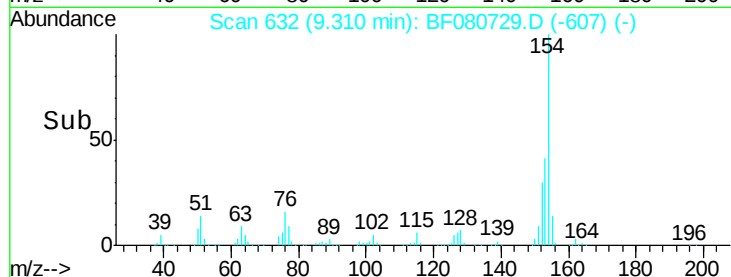
#45
 1,1'-Biphenyl
 Concen: 38.47 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:154 Resp: 865770
 Ion Ratio Lower Upper
 154 100
 153 41.4 19.9 59.9
 76 16.0 0.0 28.3

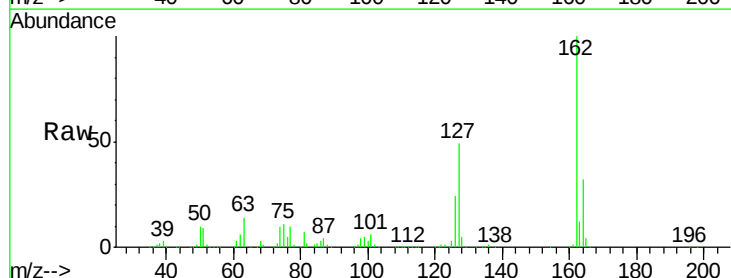


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

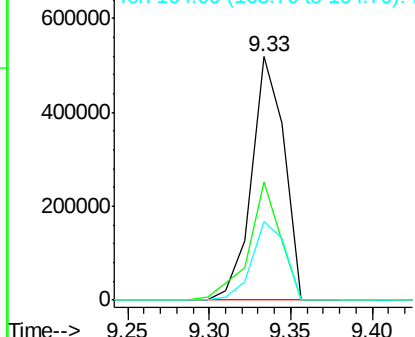
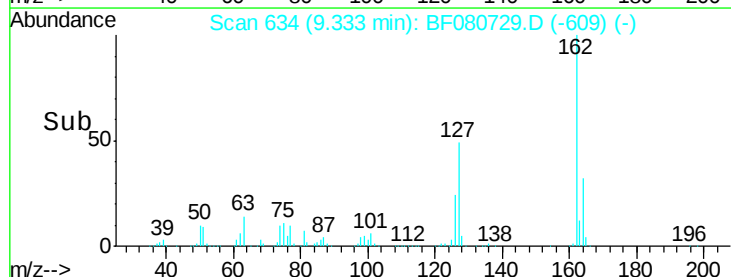


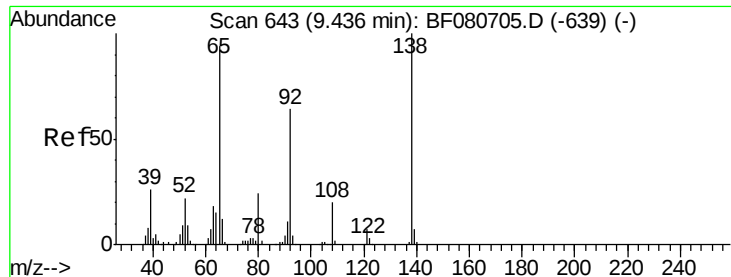
#46
 2-Chloronaphthalene
 Concen: 38.88 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:162 Resp: 714561
 Ion Ratio Lower Upper
 162 100
 127 48.8 30.2 45.4#
 164 32.4 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

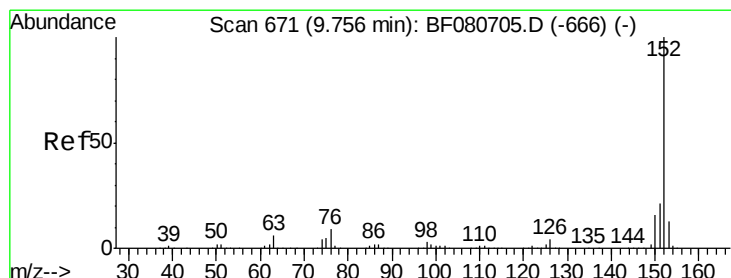
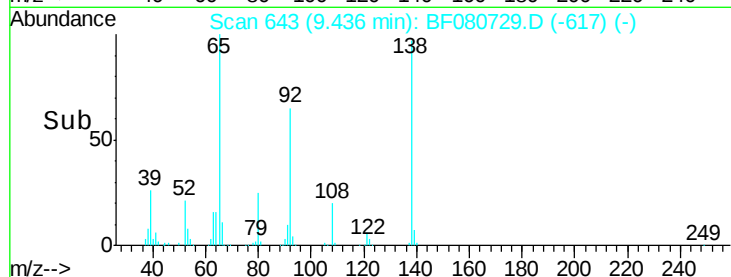
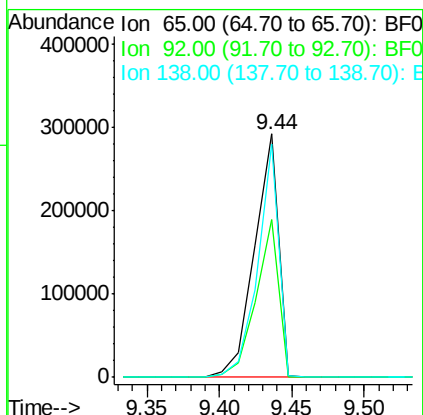
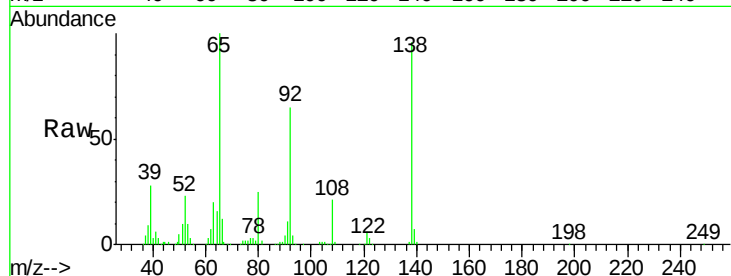




#47
2-Nitroaniline
Concen: 46.97 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

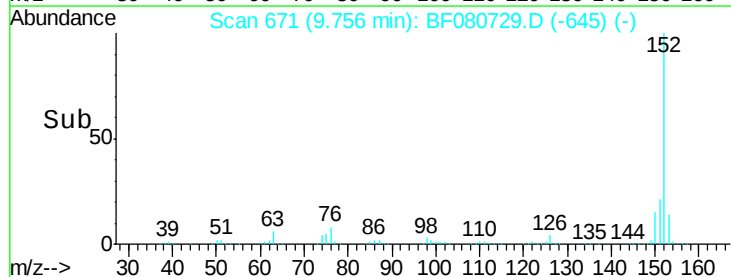
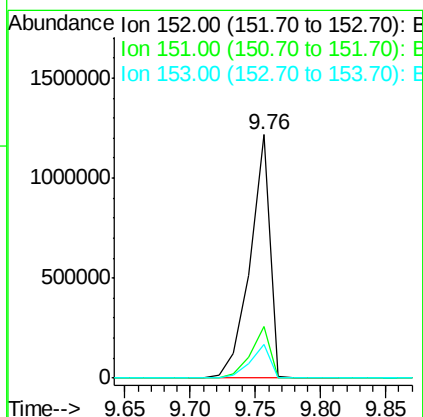
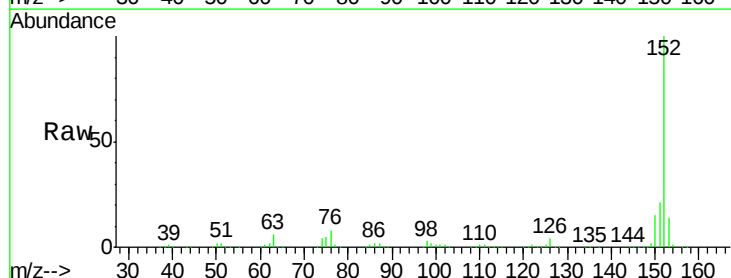
Instrument :
BNA_F
ClientSampleId :
PB84659BS

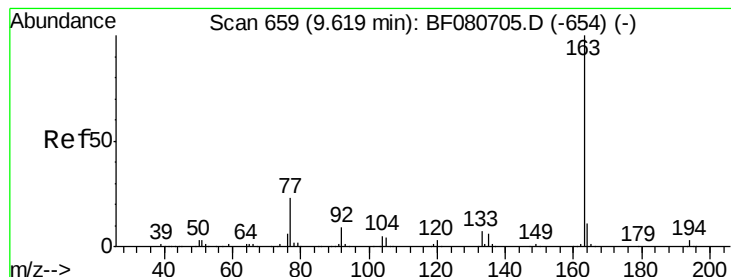
Tgt Ion: 65 Resp: 335890
Ion Ratio Lower Upper
65 100
92 64.7 54.9 82.3
138 95.8 85.1 127.7



#48
Acenaphthylene
Concen: 44.05 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion: 152 Resp: 1287312
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6
153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 43.12 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

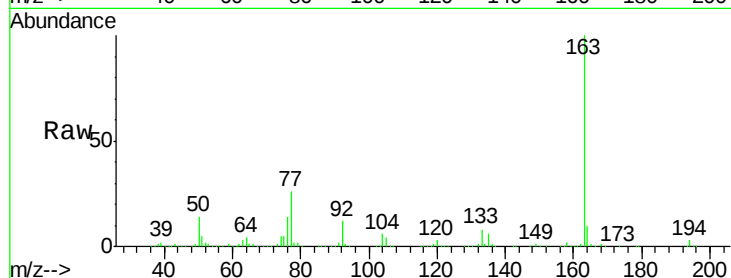
Tgt Ion:163 Resp: 891866

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

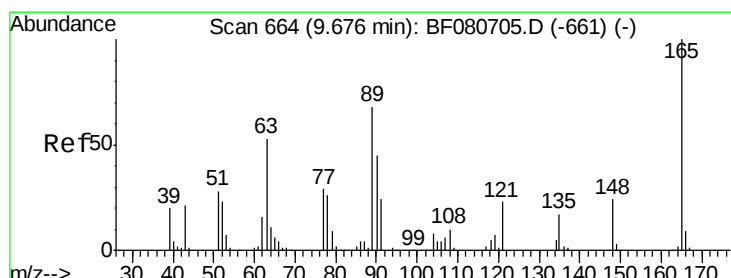
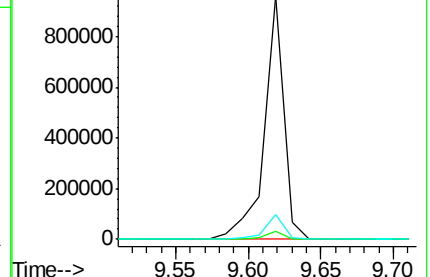
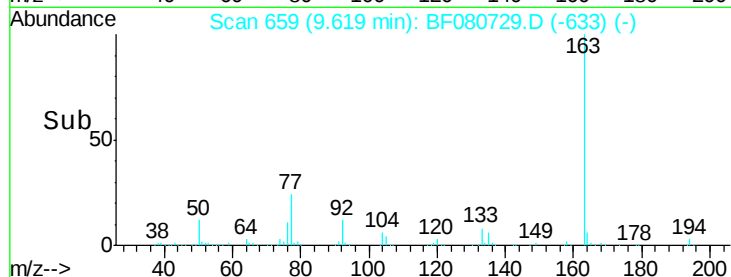
164 10.4 8.7 13.1



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: 45.33 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

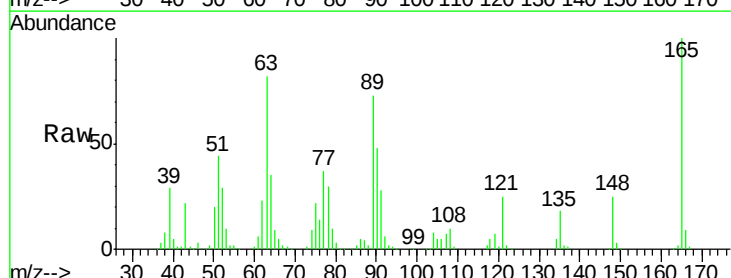
Tgt Ion:165 Resp: 198958

Ion Ratio Lower Upper

165 100

63 81.7 62.3 93.5

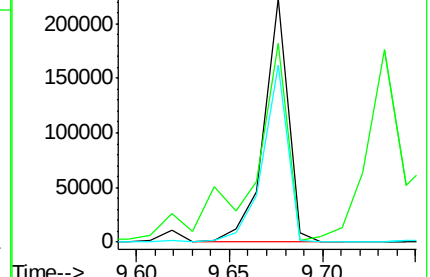
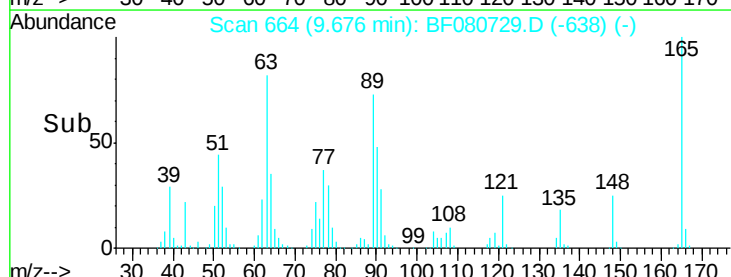
89 72.9 54.8 82.2

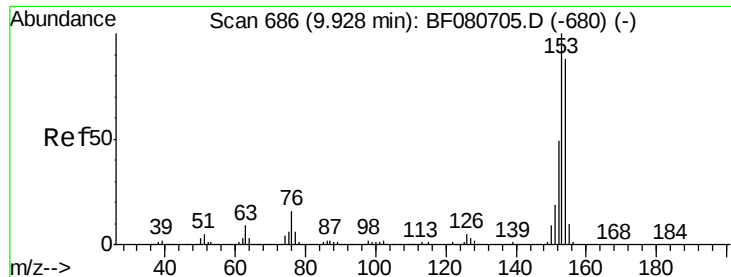


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 51.96 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

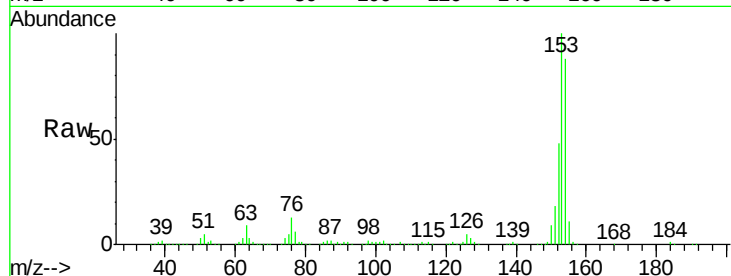
Tgt Ion:154 Resp: 926449

Ion Ratio Lower Upper

154 100

153 113.7 90.7 136.1

152 54.9 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

1000000

800000

600000

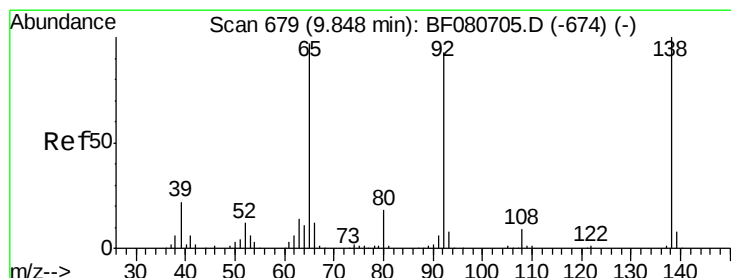
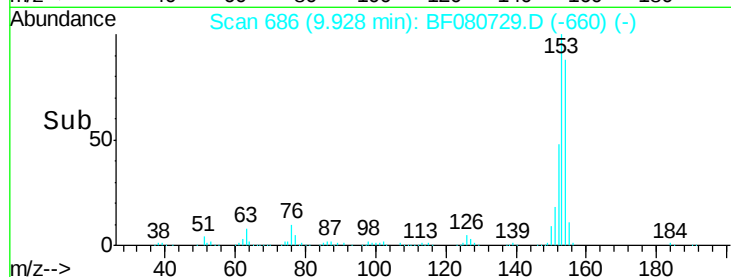
400000

200000

0

9.80 9.90 10.00 10.10

Time-->



#52

3-Nitroaniline

Concen: 20.70 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

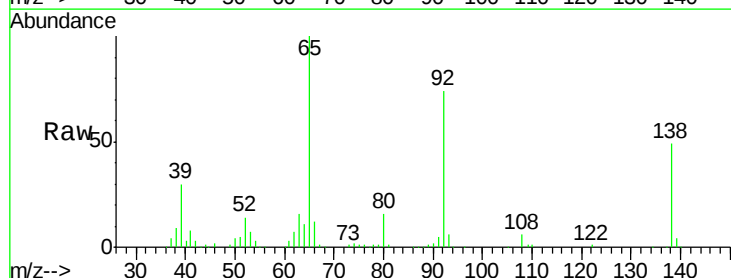
Tgt Ion:138 Resp: 104863

Ion Ratio Lower Upper

138 100

108 12.6 6.9 10.3#

92 152.4 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

150000

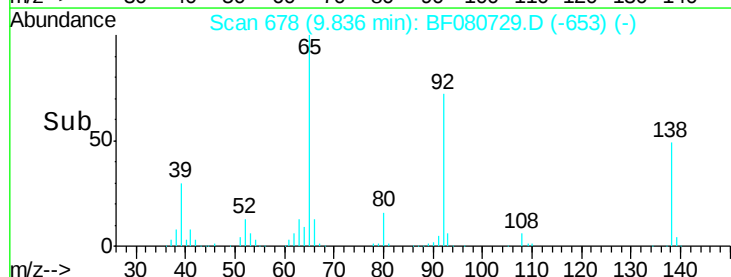
100000

50000

0

9.75 9.80 9.85 9.90

Time-->

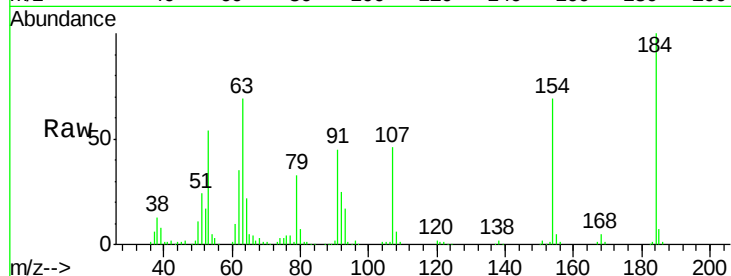




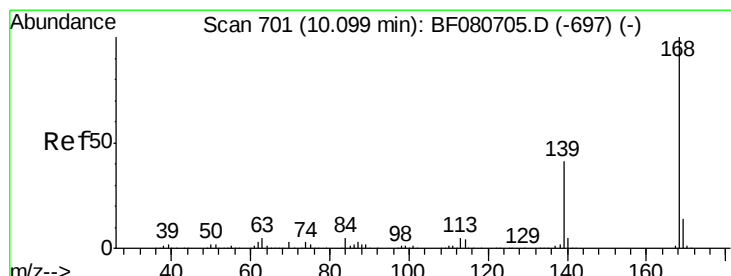
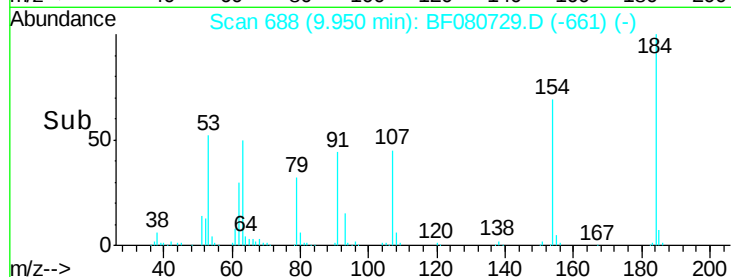
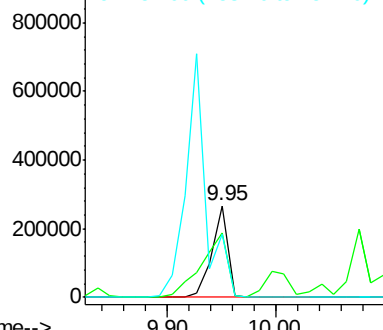
#53
 2,4-Dinitrophenol
 Concen: 113.78 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:184 Resp: 265995
 Ion Ratio Lower Upper
 184 100
 63 69.5 96.0 144.0#
 154 68.6 66.0 99.0

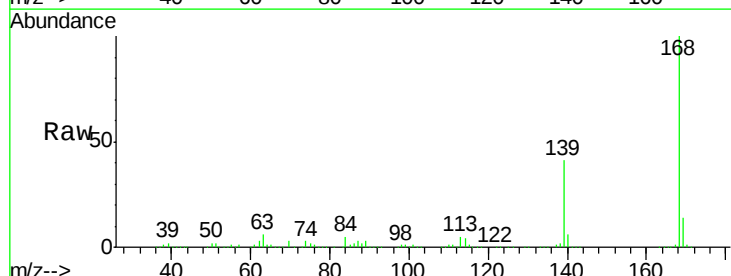


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

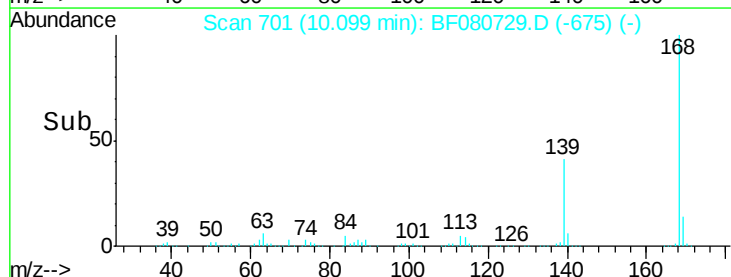
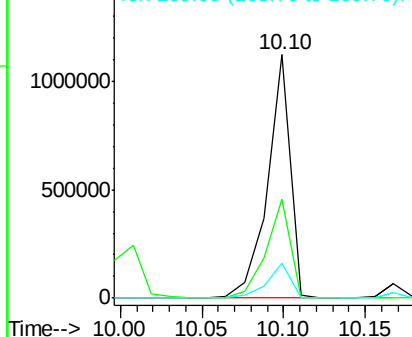


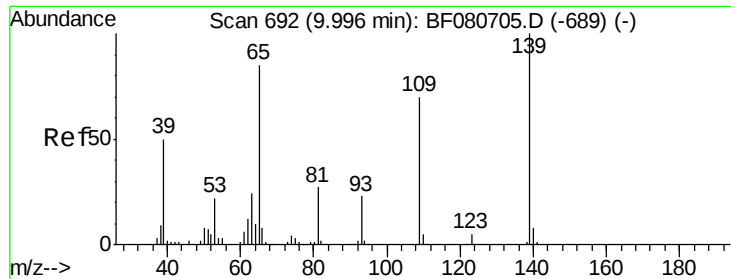
#54
 Dibenzofuran
 Concen: 45.63 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:168 Resp: 1088177
 Ion Ratio Lower Upper
 168 100
 139 40.8 33.0 49.6
 169 14.4 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

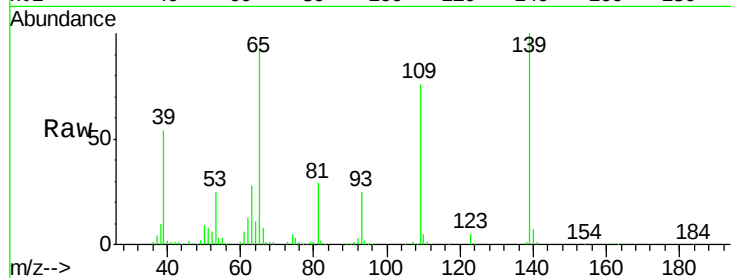




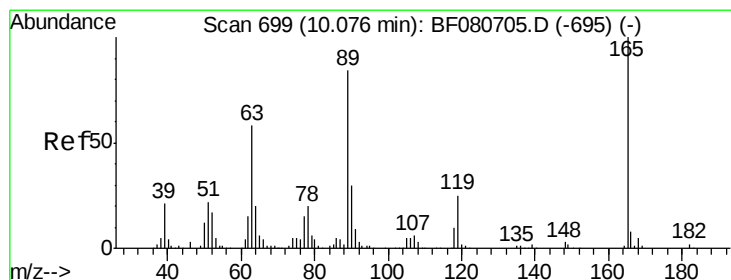
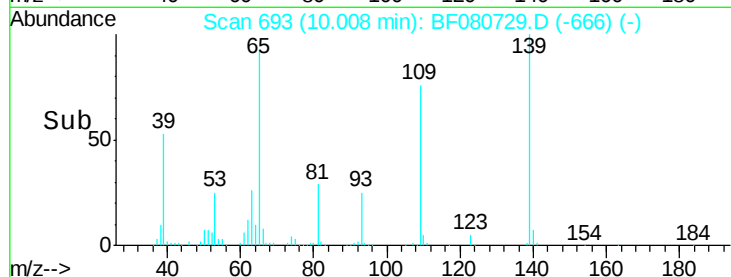
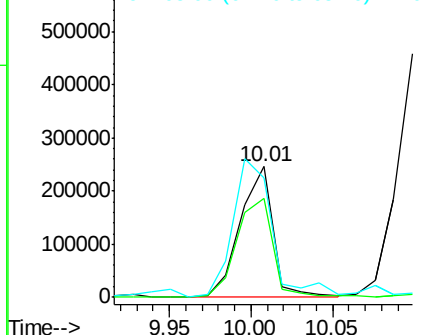
#55
4-Nitrophenol
Concen: 92.21 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:139 Resp: 344087
Ion Ratio Lower Upper
139 100
109 75.7 50.4 90.4
65 92.0 66.1 106.1

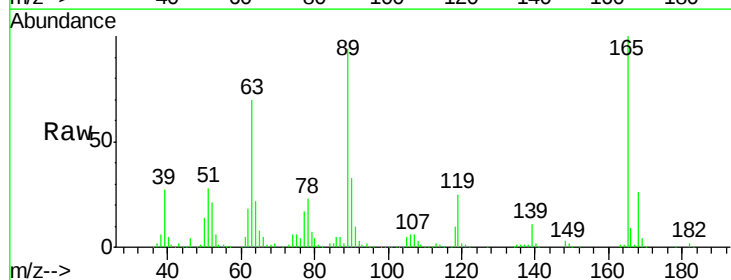


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

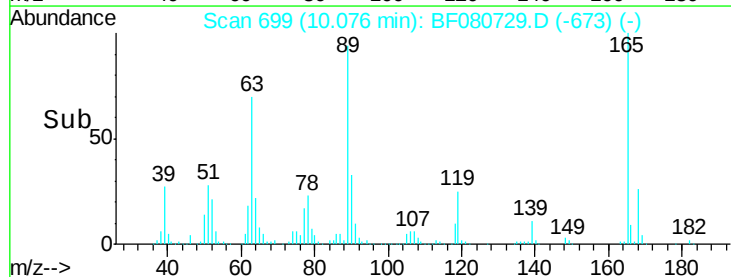
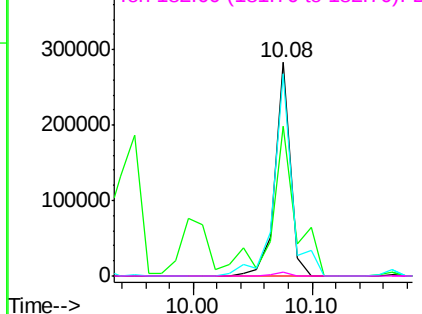


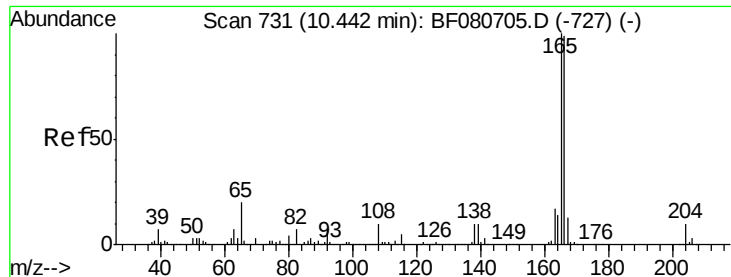
#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion:165 Resp: 255341
Ion Ratio Lower Upper
165 100
63 70.0 46.7 70.1
89 94.5 67.4 101.2
182 1.9 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

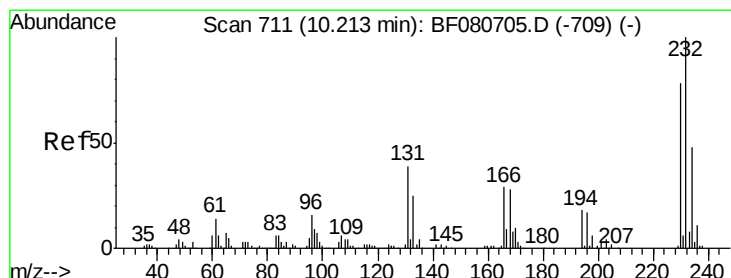
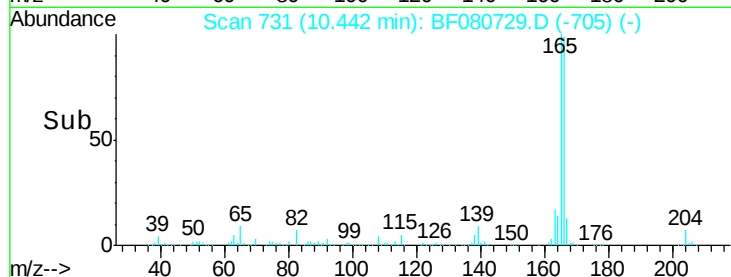
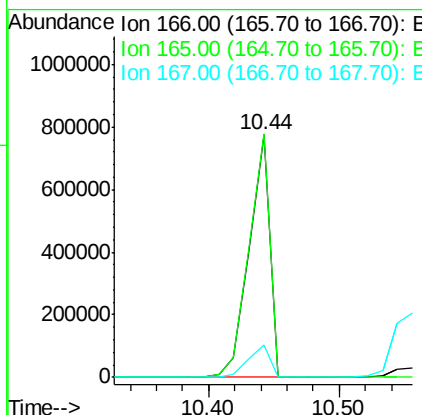
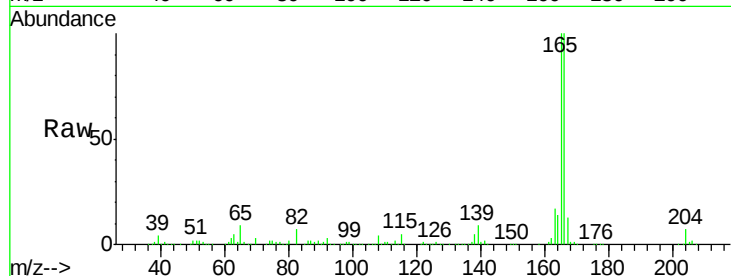




#57
 Fluorene
 Concen: 46.16 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

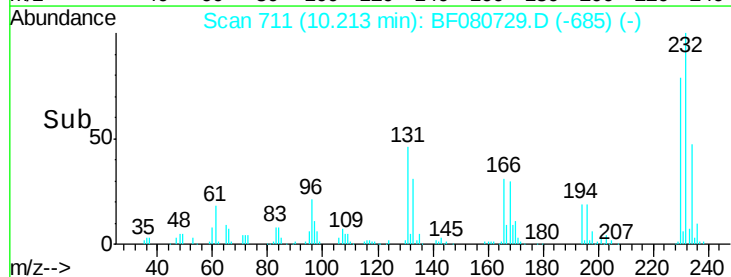
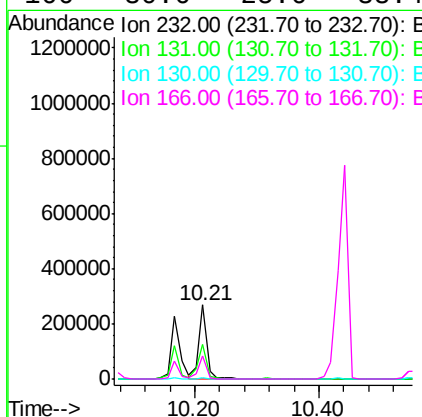
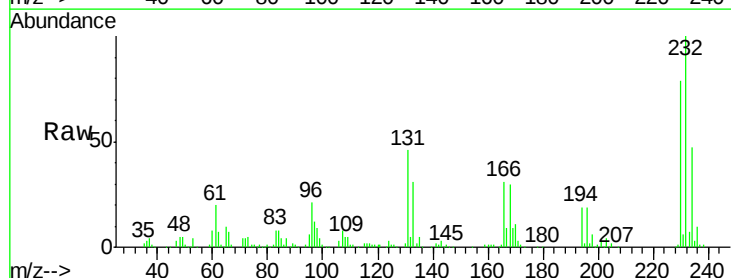
Instrument :
 BNA_F
 ClientSampled :
 PB84659BS

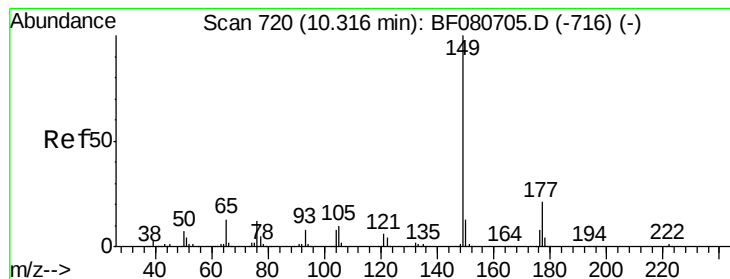
Tgt Ion:166 Resp: 854337
 Ion Ratio Lower Upper
 166 100
 165 100.5 81.0 121.4
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.56 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:232 Resp: 252080
 Ion Ratio Lower Upper
 232 100
 131 48.2 38.2 57.2
 130 2.3 1.8 2.6
 166 30.6 25.6 38.4





#59

Diethylphthalate

Concen: 44.63 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

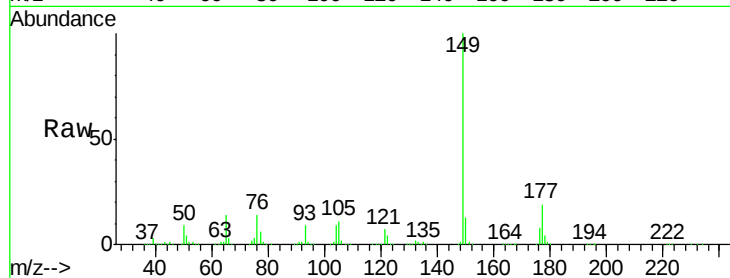
Tgt Ion:149 Resp: 889663

Ion Ratio Lower Upper

149 100

177 19.4 16.6 25.0

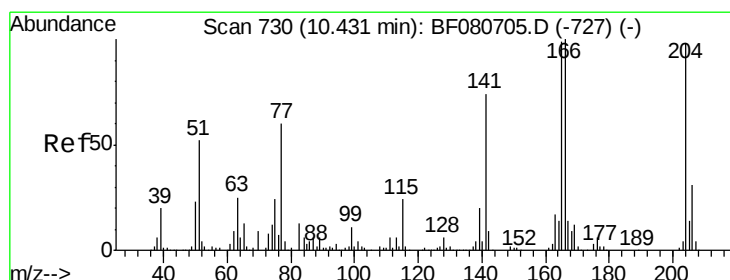
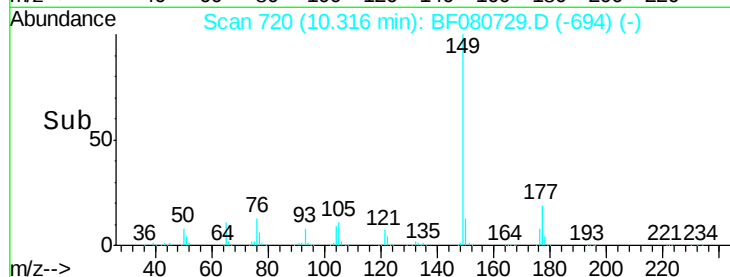
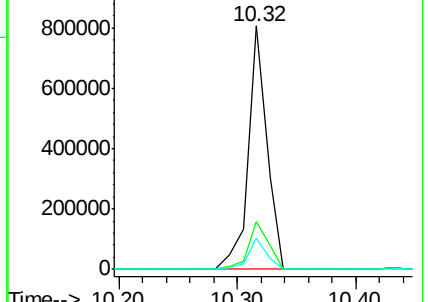
150 13.0 10.2 15.4



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: 46.30 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

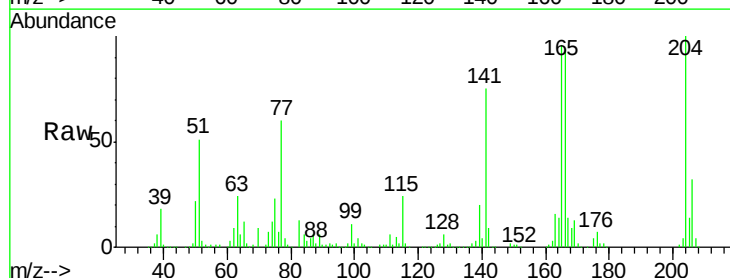
Tgt Ion:204 Resp: 370211

Ion Ratio Lower Upper

204 100

206 32.3 25.1 37.7

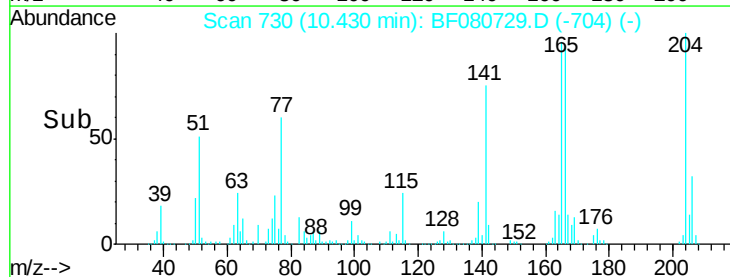
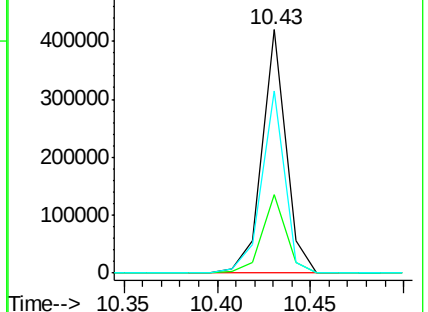
141 74.8 60.3 90.5

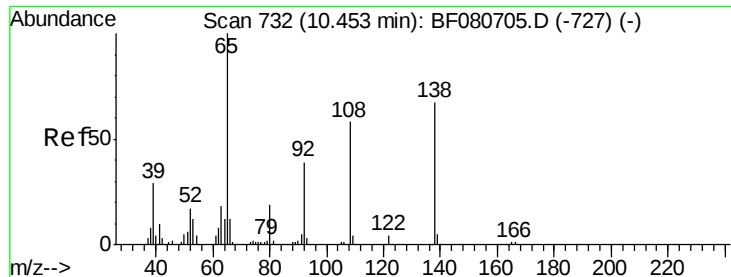


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

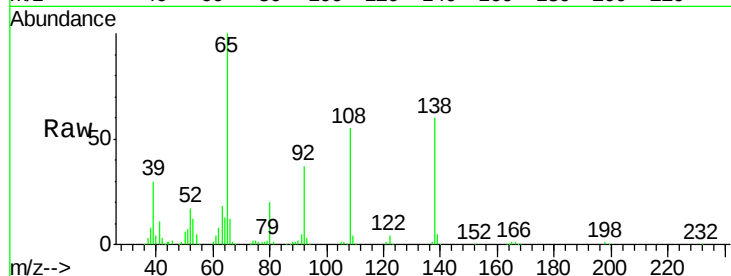




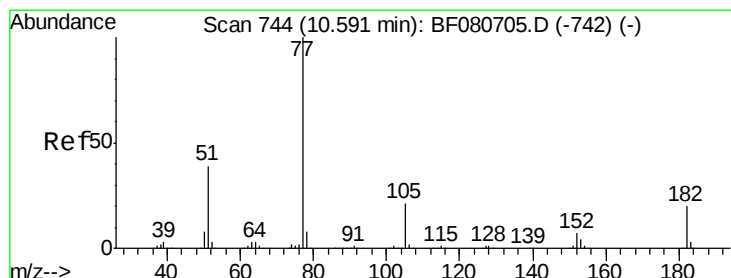
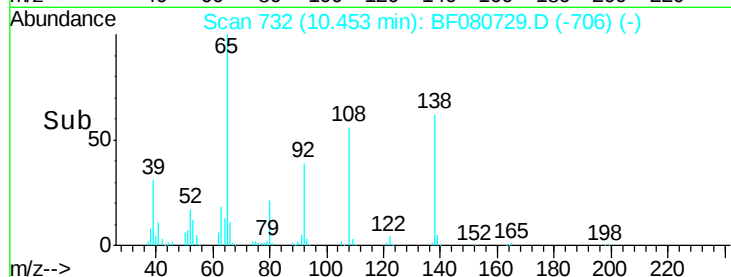
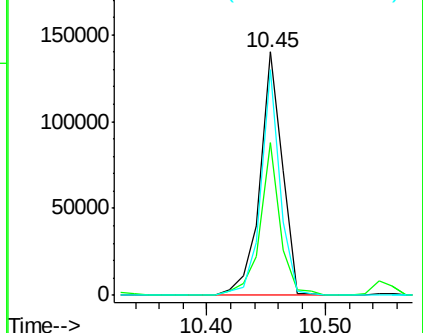
#61
4-Nitroaniline
Concen: 40.48 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:138 Resp: 185108
Ion Ratio Lower Upper
138 100
92 62.6 38.2 78.2
108 92.7 66.3 106.3

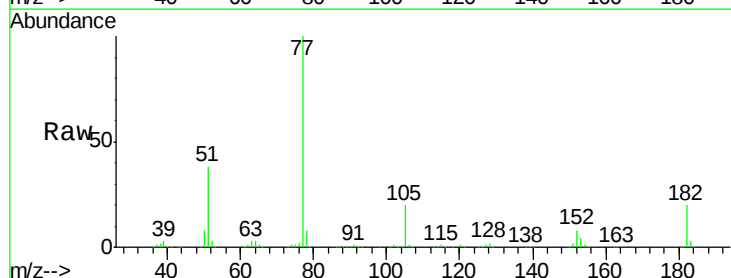


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

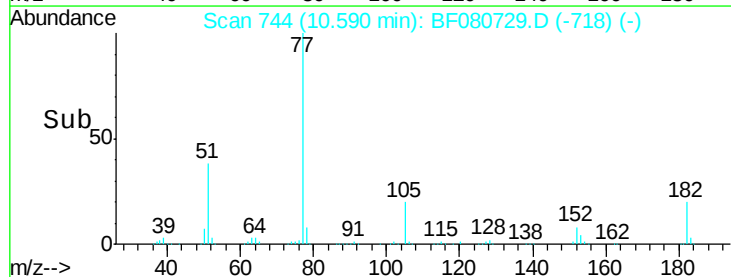
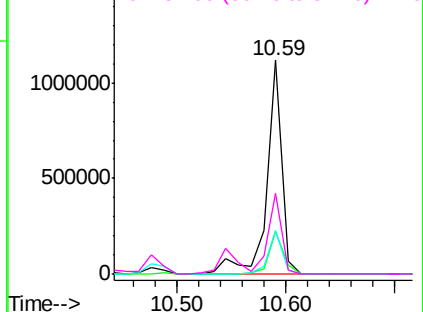


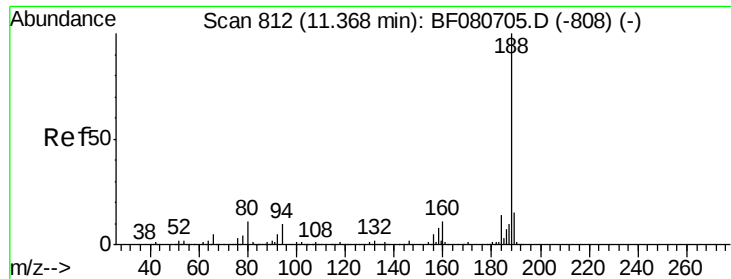
#62
Azobenzene
Concen: 50.68 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion: 77 Resp: 1094414
Ion Ratio Lower Upper
77 100
182 20.0 0.0 39.9
105 20.5 1.1 41.1
51 37.7 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

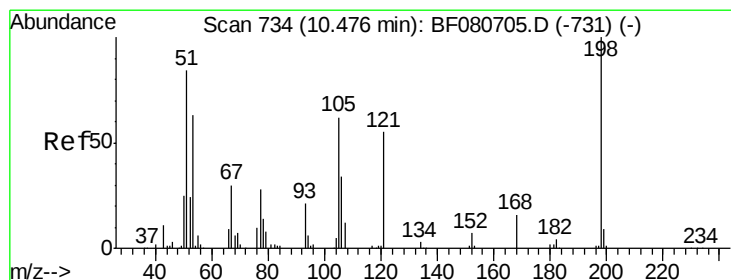
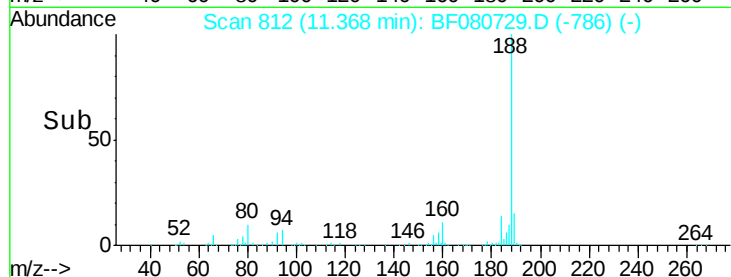
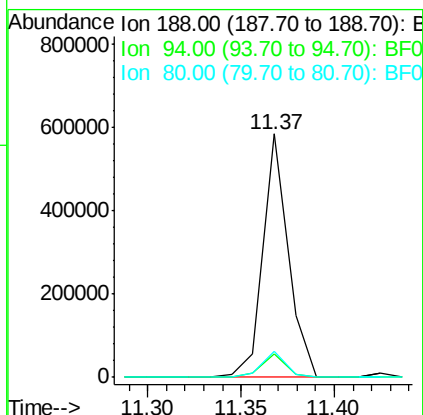
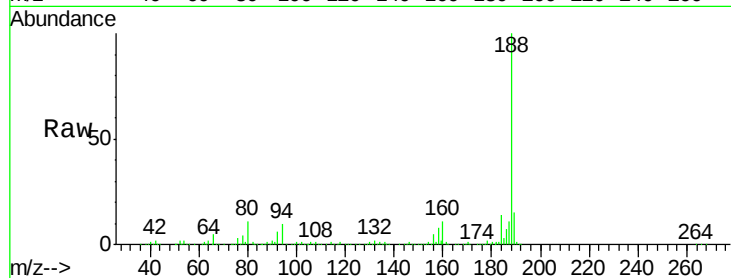




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

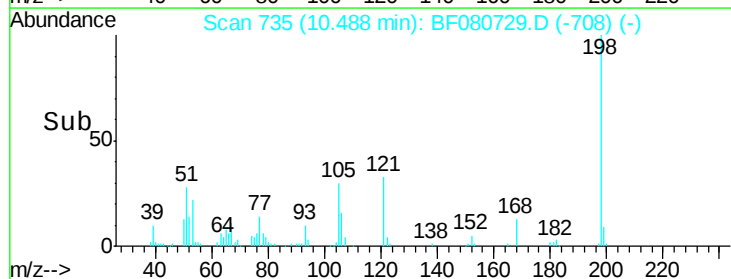
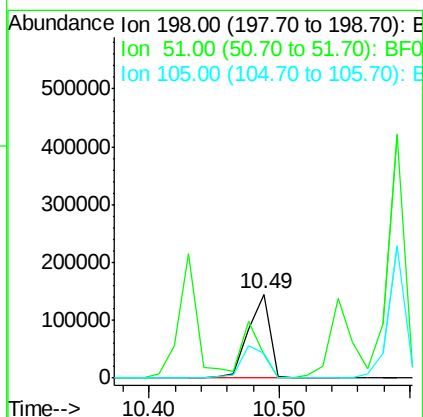
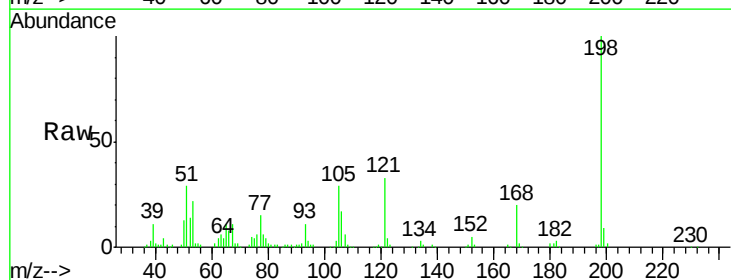
Instrument :
BNA_F
ClientSampleId :
PB84659BS

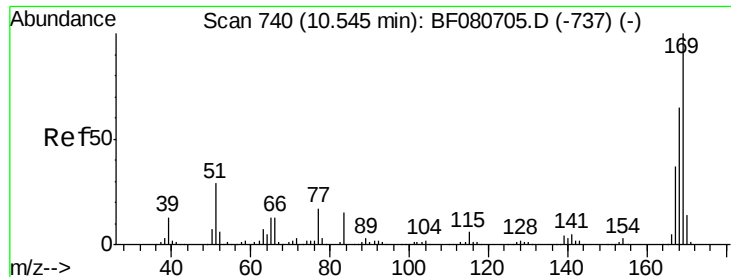
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.7	9.1	13.7



#64
4,6-Dinitro-2-methylphenol
Concen: 50.26 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.6	84.6	124.6#
105	29.4	43.0	83.0#

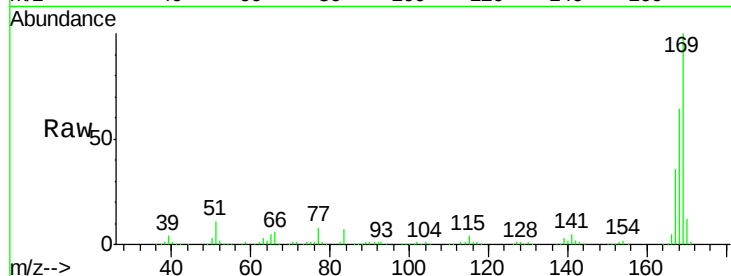




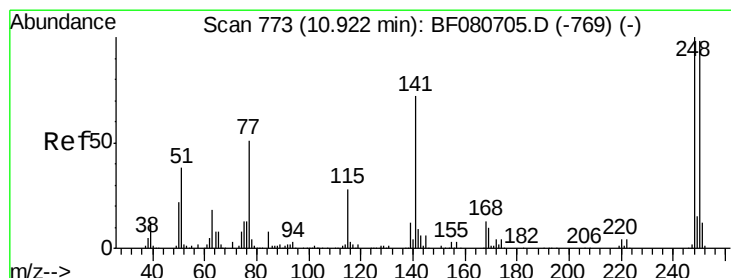
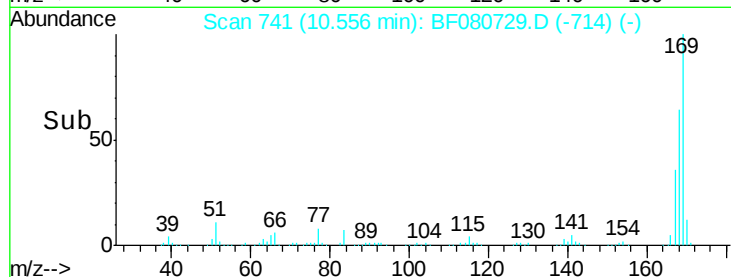
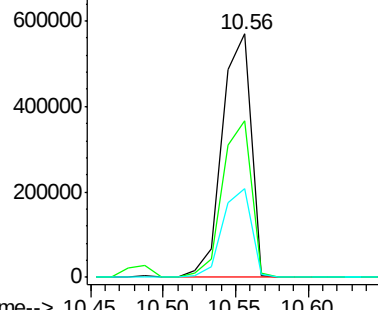
#65
 n-Nitrosodiphenylamine
 Concen: 43.40 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:169 Resp: 782204
 Ion Ratio Lower Upper
 169 100
 168 64.1 52.1 78.1
 167 36.4 29.3 43.9

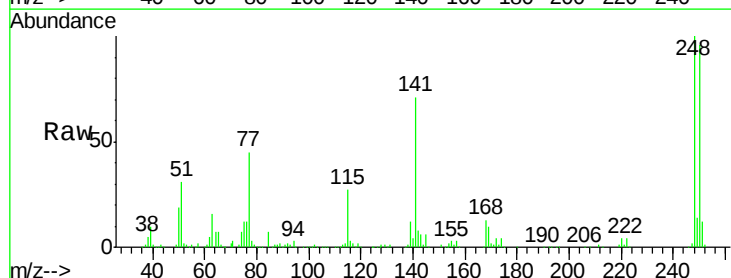


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

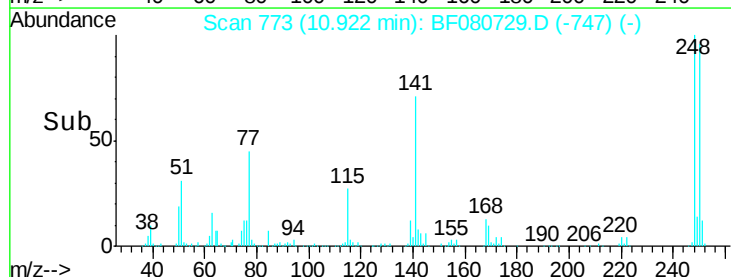
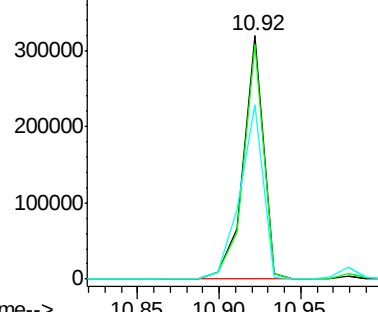


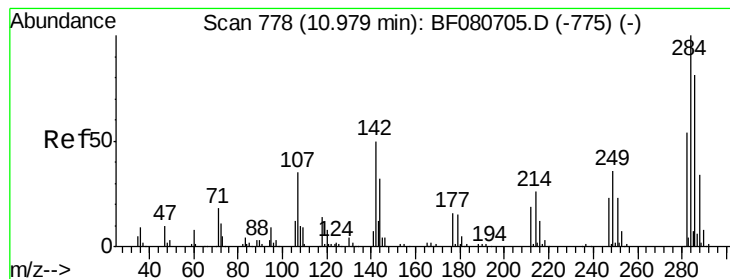
#66
 4-Bromophenyl-phenylether
 Concen: 48.47 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:248 Resp: 275110
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.4 117.6
 141 71.5 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: 42.62 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

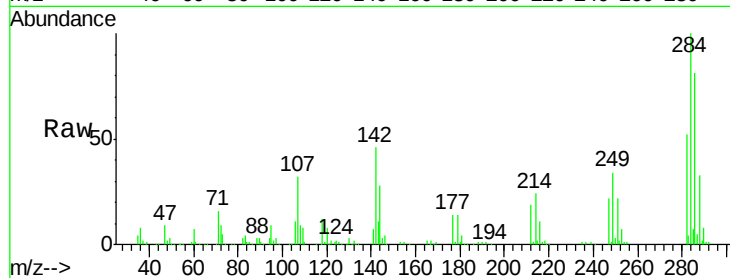
Tgt Ion:284 Resp: 279711

Ion Ratio Lower Upper

284 100

142 45.8 39.8 59.6

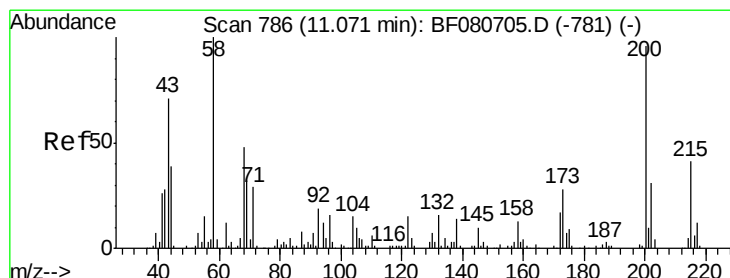
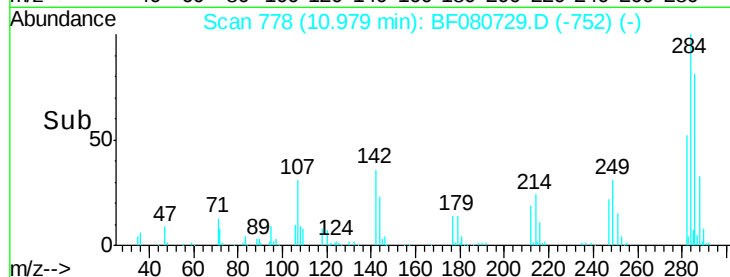
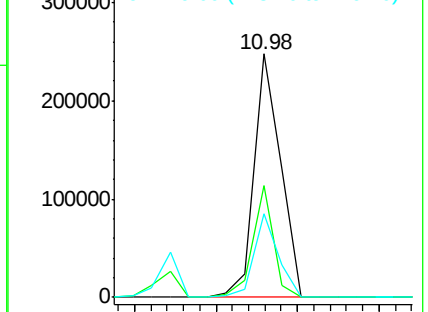
249 34.4 28.7 43.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.09 ng

RT: 11.07 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

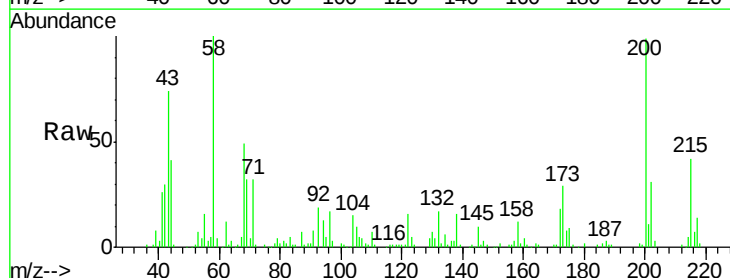
Tgt Ion:200 Resp: 101702

Ion Ratio Lower Upper

200 100

173 29.0 8.6 48.6

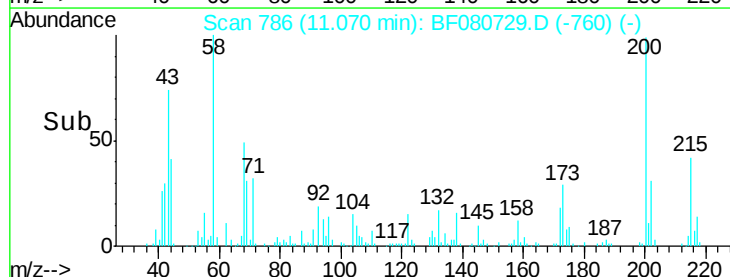
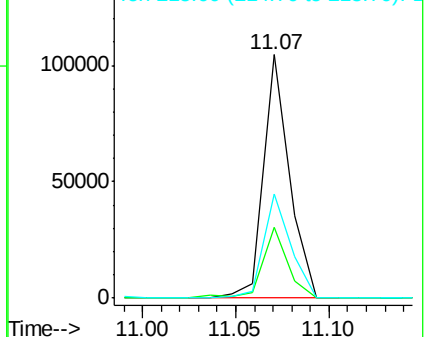
215 42.6 22.2 62.2

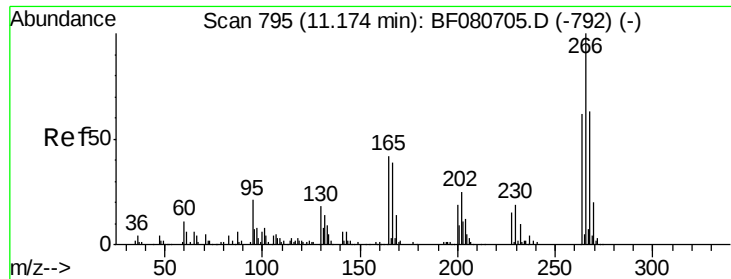


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

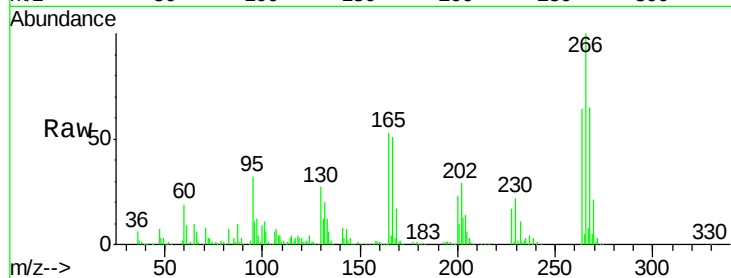




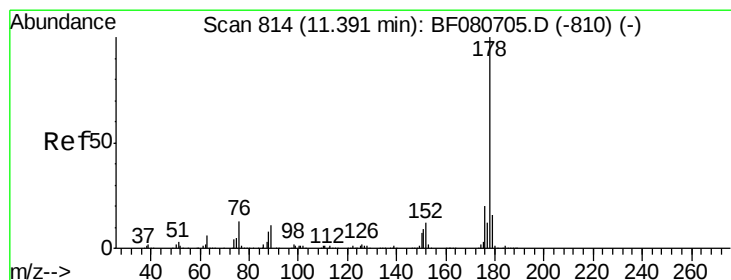
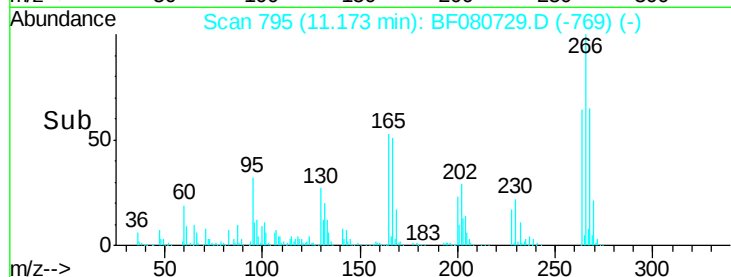
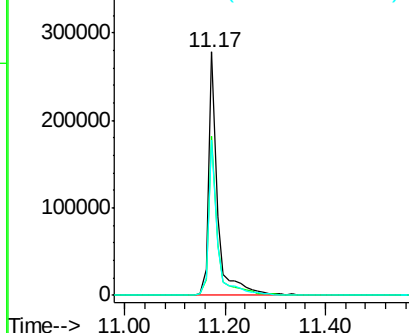
#69
 Pentachlorophenol
 Concen: 87.42 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:266 Resp: 347164
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.5 75.7
 264 64.0 50.0 75.0

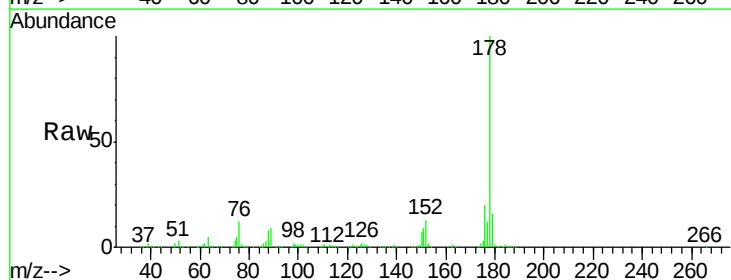


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

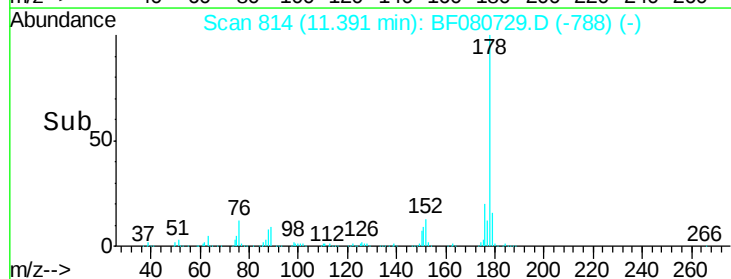
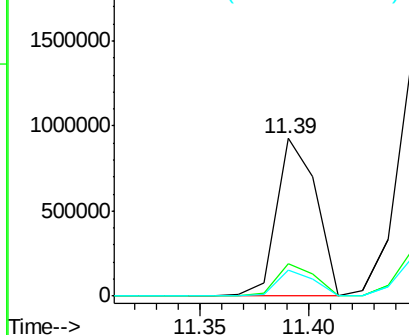


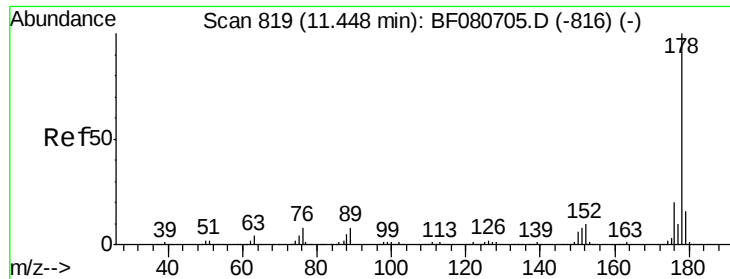
#70
 Phenanthrene
 Concen: 42.67 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:178 Resp: 1181951
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.2 13.0 19.4



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

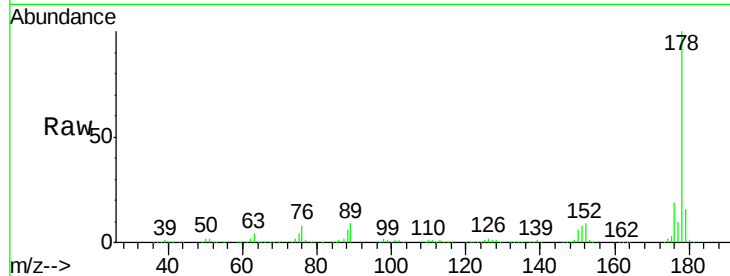




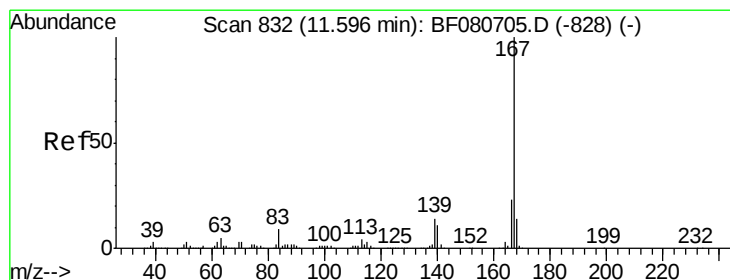
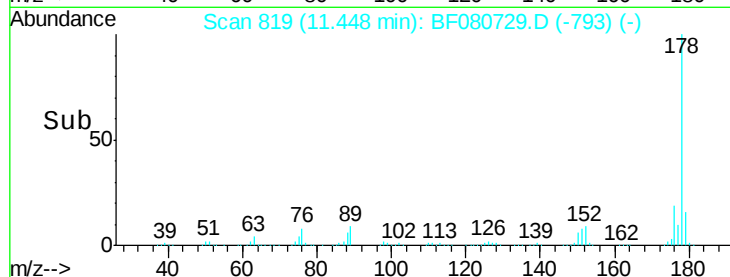
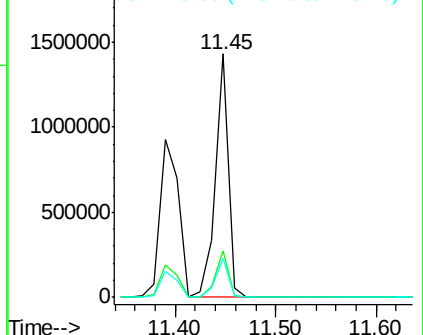
#71
 Anthracene
 Concen: 46.70 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion:178 Resp: 1271065
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.7 12.7 19.1

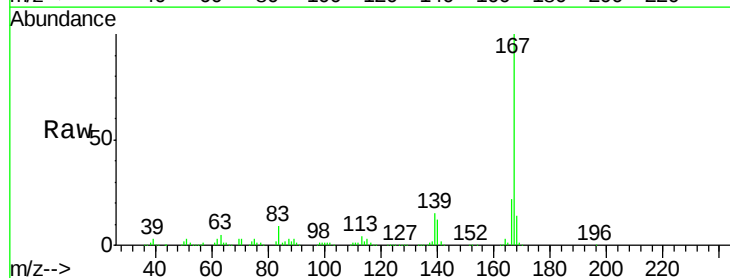


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

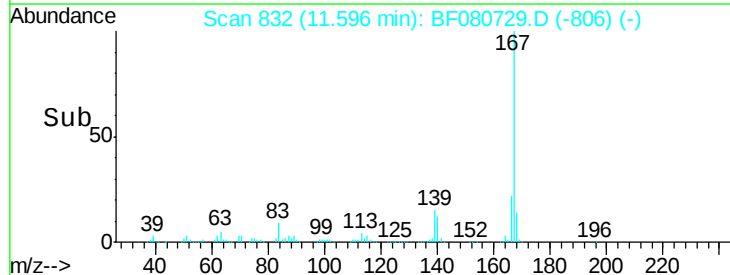
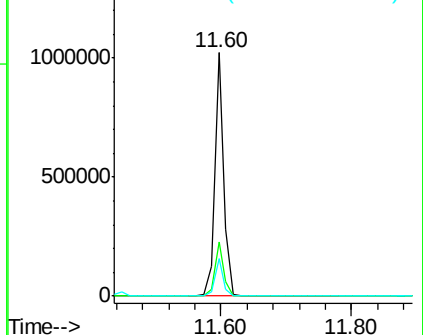


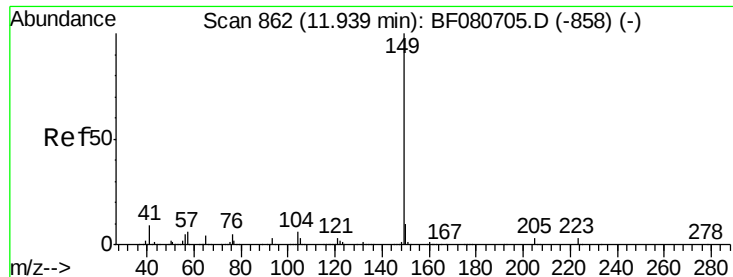
#72
 Carbazole
 Concen: 42.37 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion:167 Resp: 1001018
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.2 27.4
 139 15.2 11.5 17.3



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





#73

Di-n-butylphthalate

Concen: 50.12 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

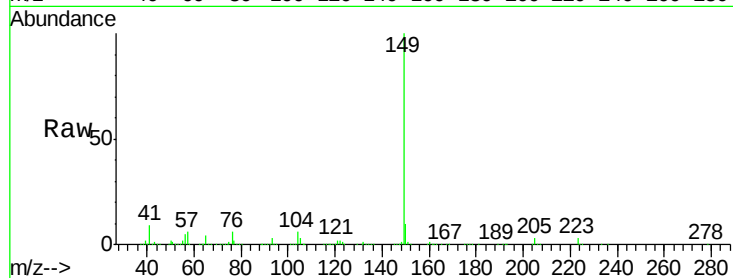
Tgt Ion:149 Resp: 1468367

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

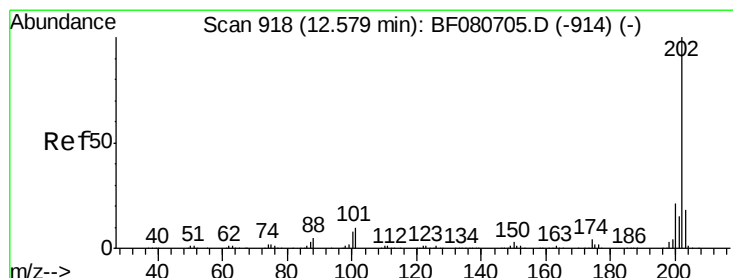
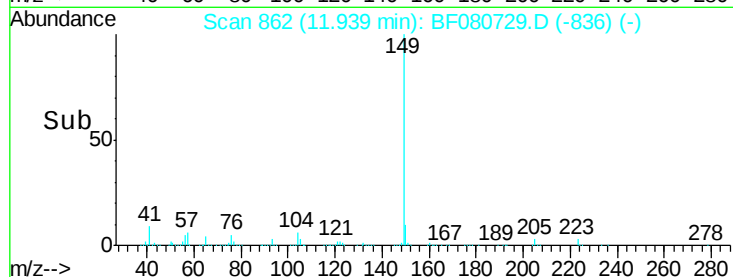
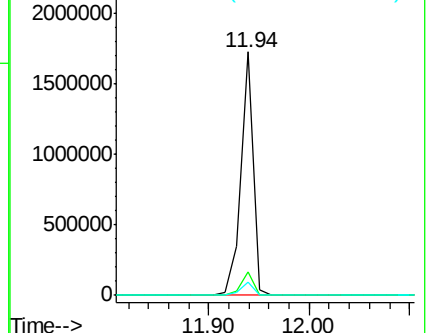
104 5.6 4.4 6.6



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: 48.50 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

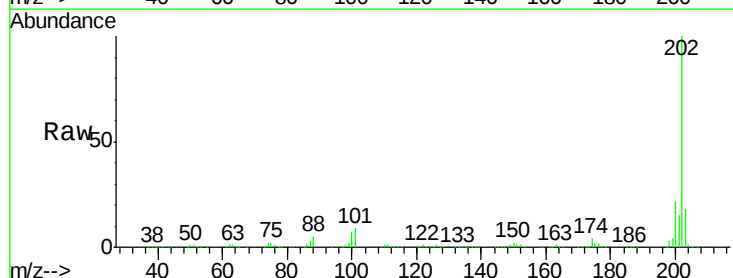
Tgt Ion:202 Resp: 1298978

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.6

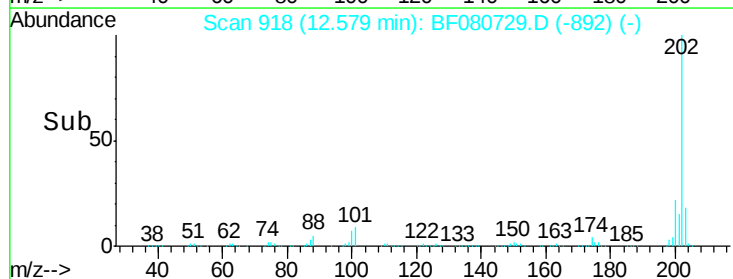
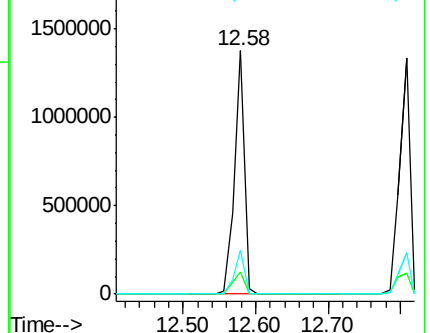
203 18.2 0.0 37.8

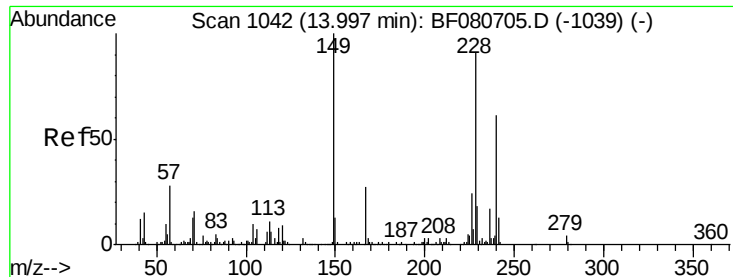


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

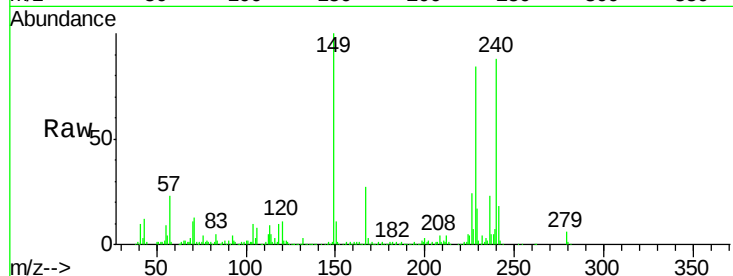
Tgt Ion:240 Resp: 335879

Ion Ratio Lower Upper

240 100

120 12.1 11.8 17.8

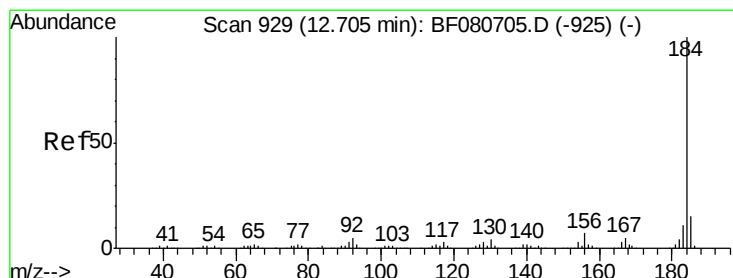
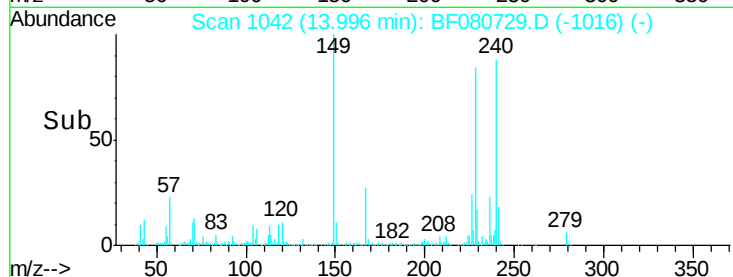
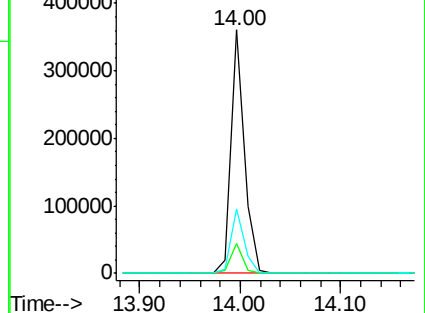
236 26.7 21.8 32.8



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: 16.20 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

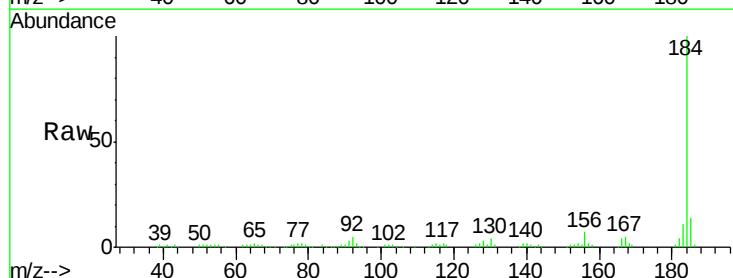
Tgt Ion:184 Resp: 198138

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

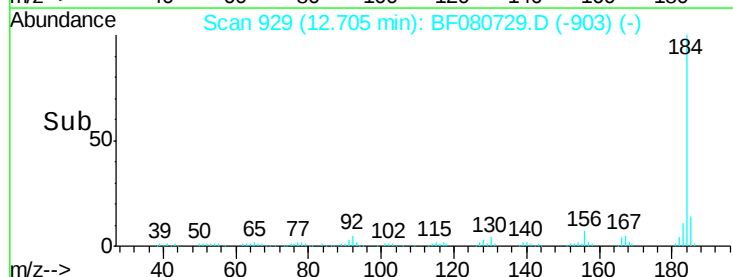
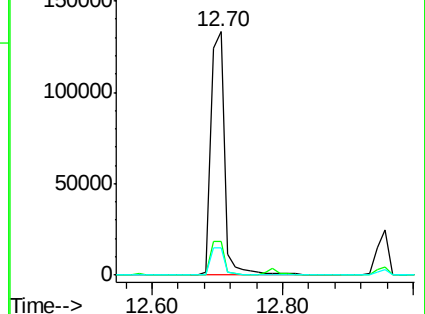
183 11.0 9.1 13.7

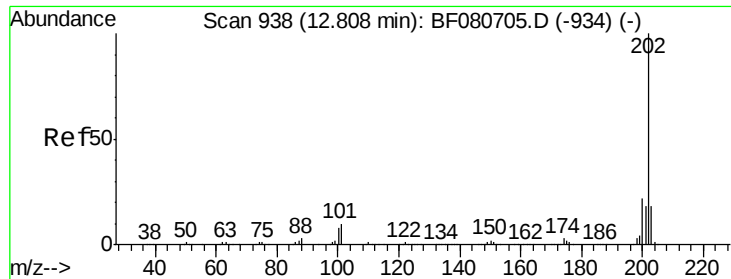


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.51 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

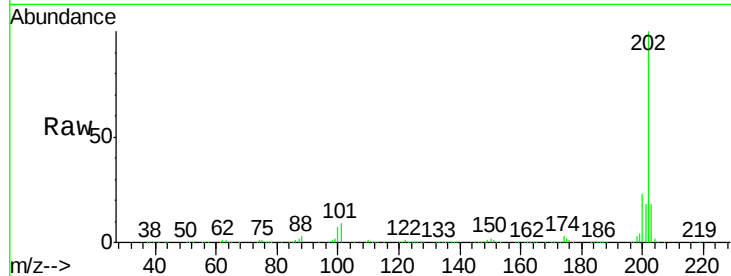
Tgt Ion:202 Resp: 1341805

Ion Ratio Lower Upper

202 100

200 22.8 17.4 26.2

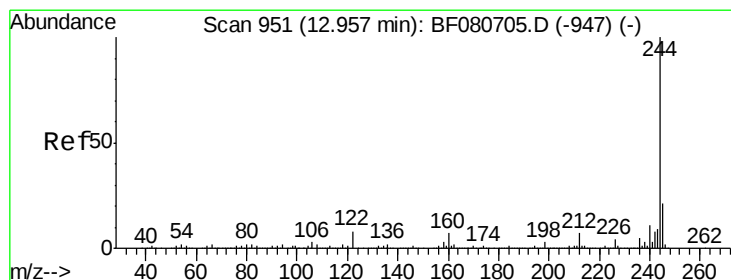
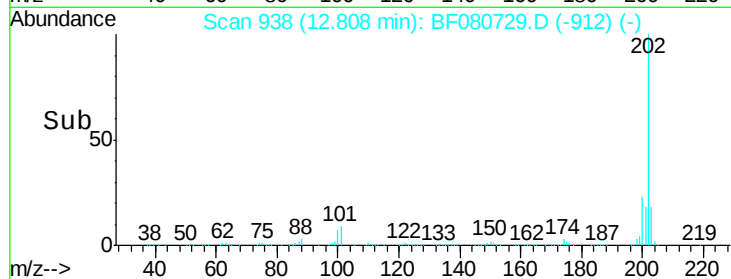
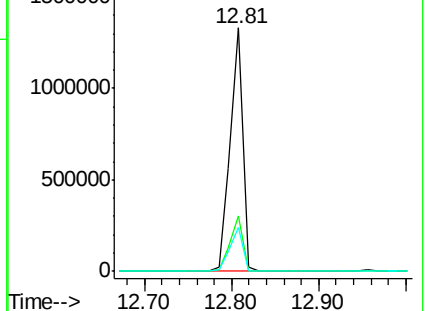
203 17.8 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.82 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

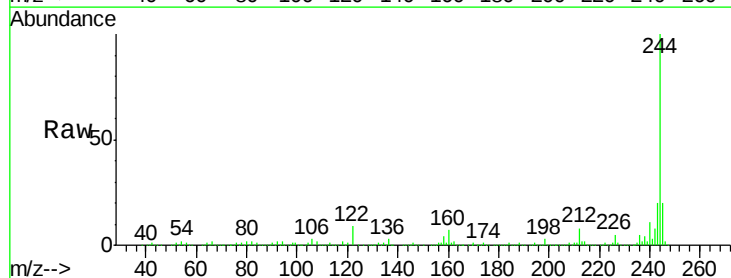
Tgt Ion:244 Resp: 1790440

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

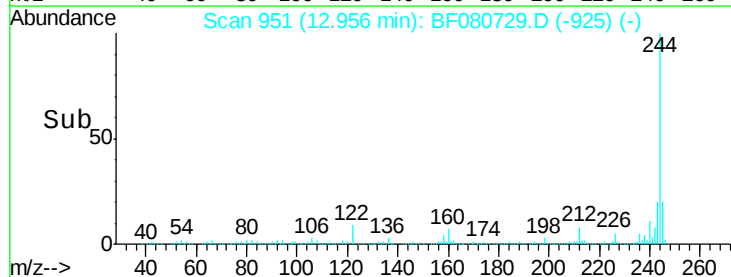
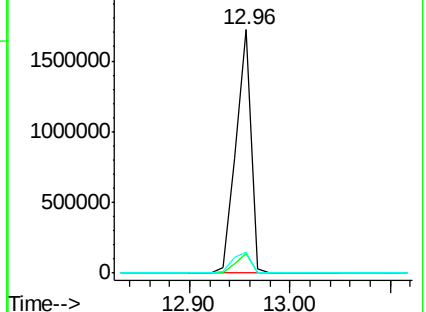
122 8.6 6.6 9.8

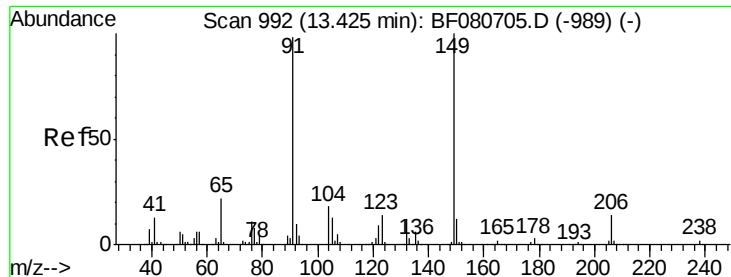


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

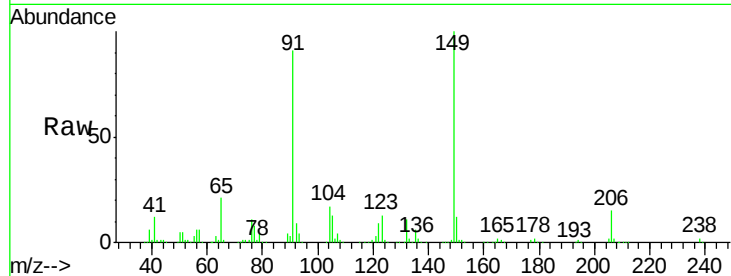




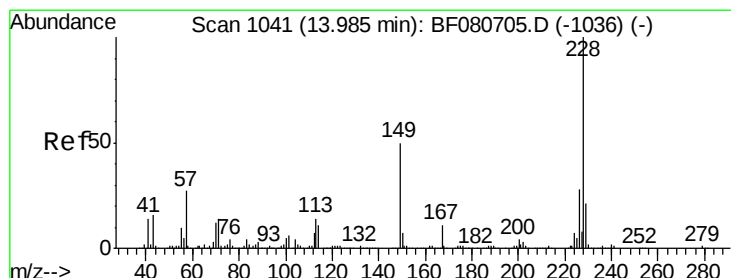
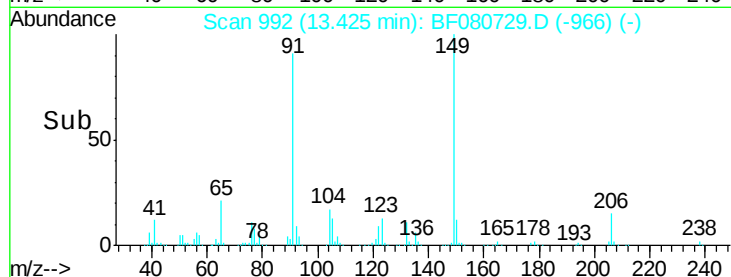
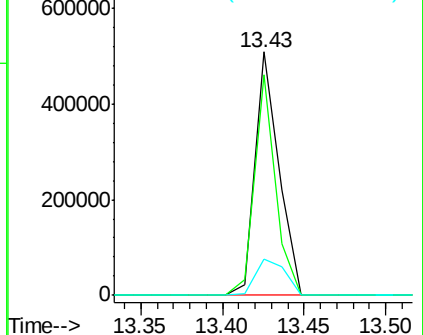
#79
Butylbenzylphthalate
Concen: 47.75 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Instrument :
BNA_F
ClientSampleId :
PB84659BS

Tgt Ion:149 Resp: 517221
Ion Ratio Lower Upper
149 100
91 90.8 78.6 118.0
206 14.8 11.4 17.2

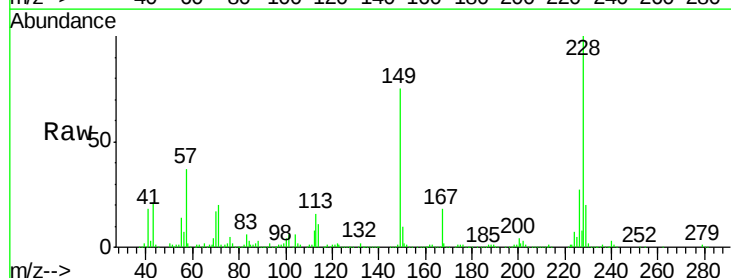


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

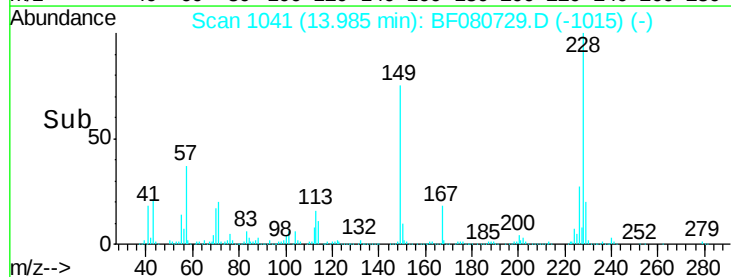
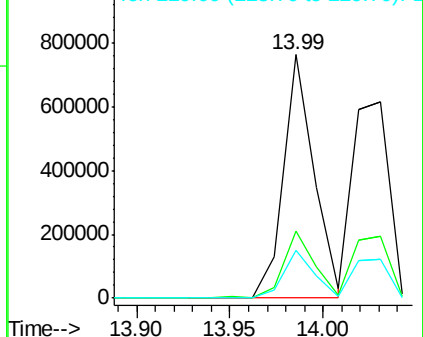


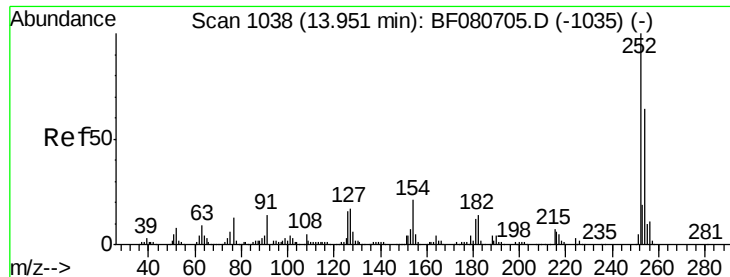
#80
Benzo(a)anthracene
Concen: 43.12 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion:228 Resp: 870969
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.5 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

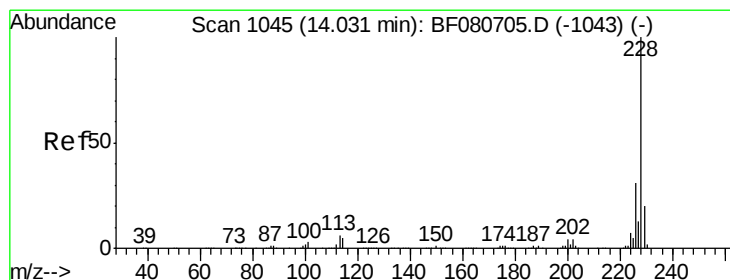
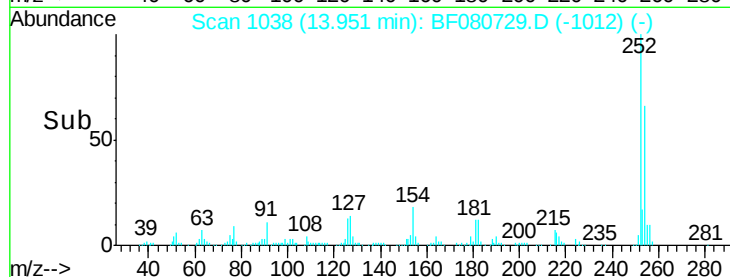
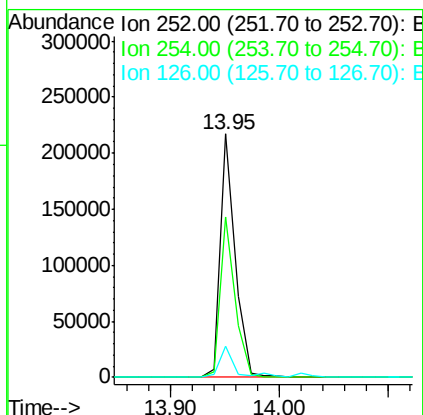
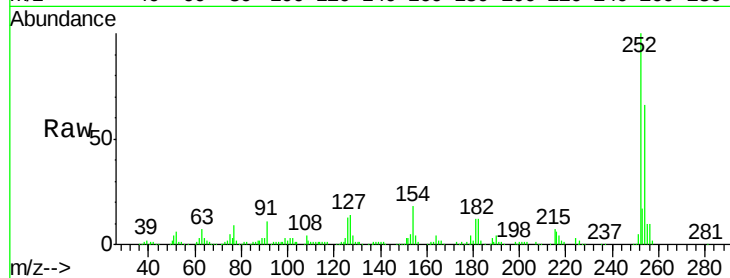




#81
 3,3'-Dichlorobenzidine
 Concen: 30.26 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

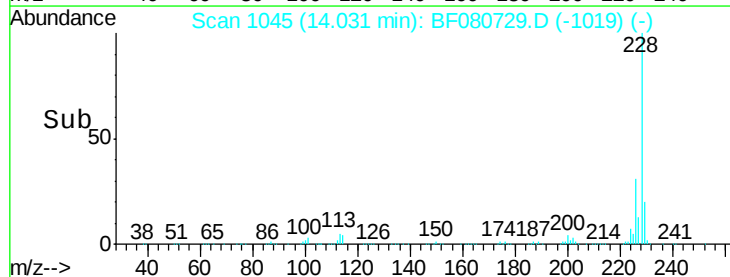
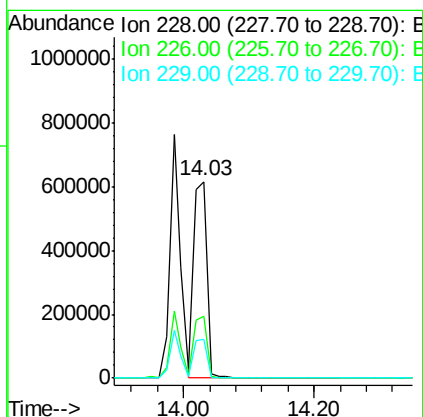
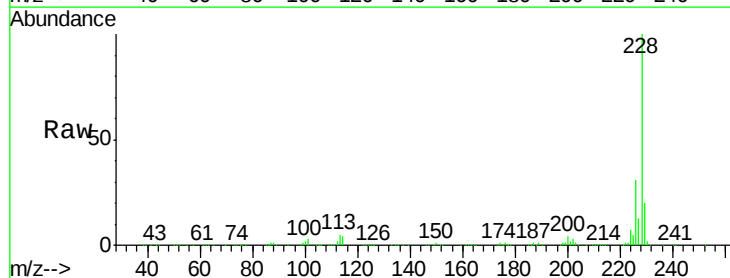
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

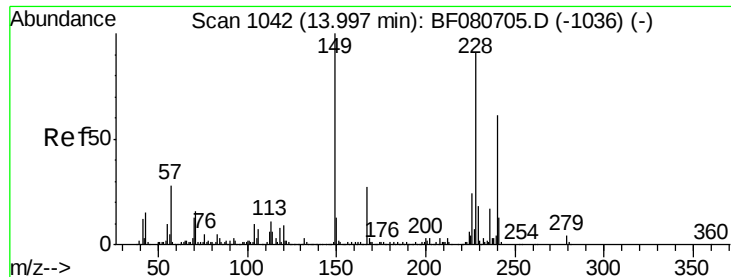
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.0	76.4
126	12.8	13.2	19.8#



#82
 Chrysene
 Concen: 43.58 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.48 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

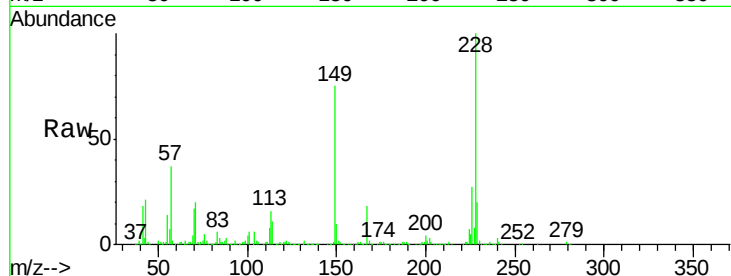
Tgt Ion:149 Resp: 693477

Ion Ratio Lower Upper

149 100

167 23.5 21.8 32.8

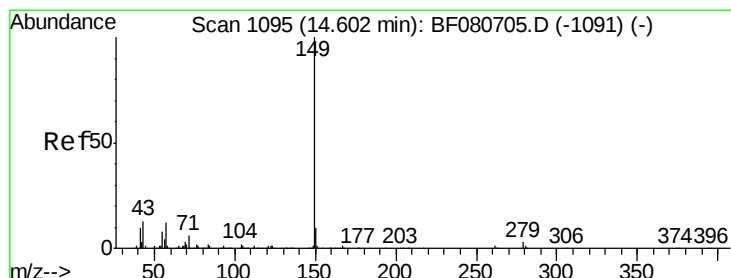
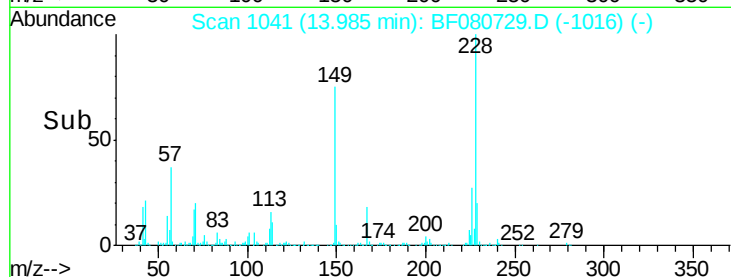
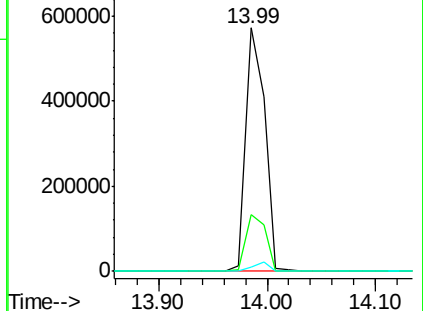
279 1.7 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.50 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

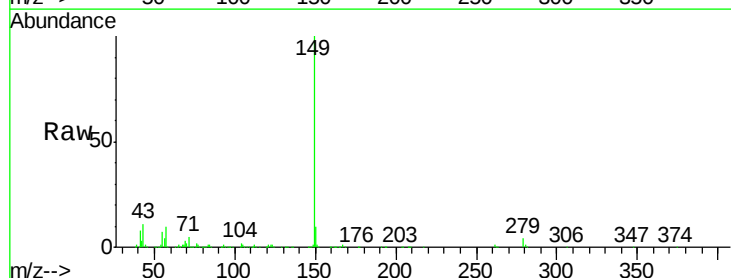
Tgt Ion:149 Resp: 1098031

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

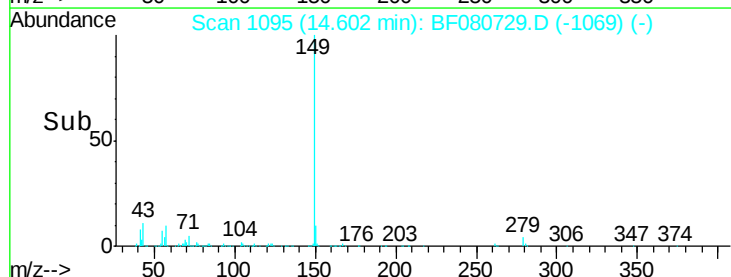
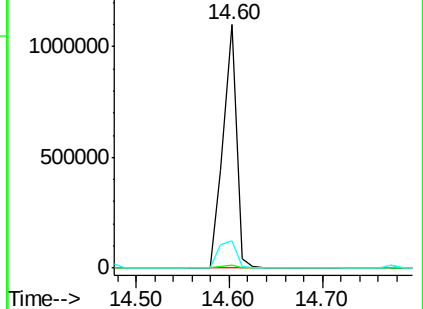
43 14.7 12.2 18.4

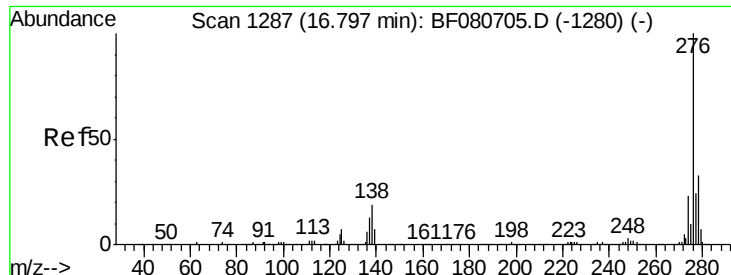


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

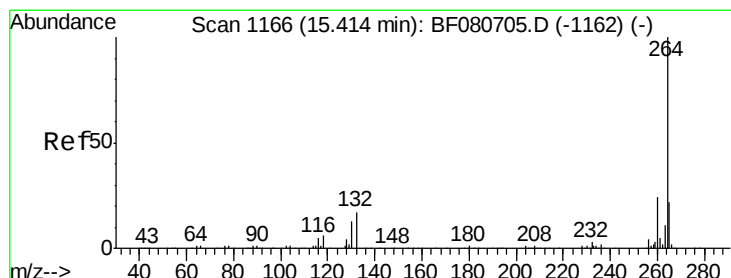
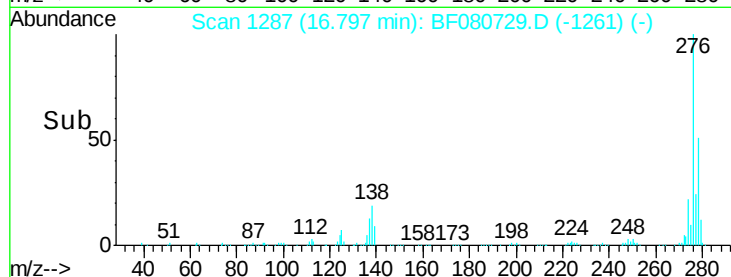
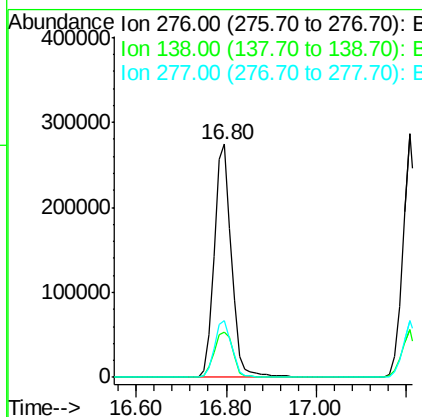
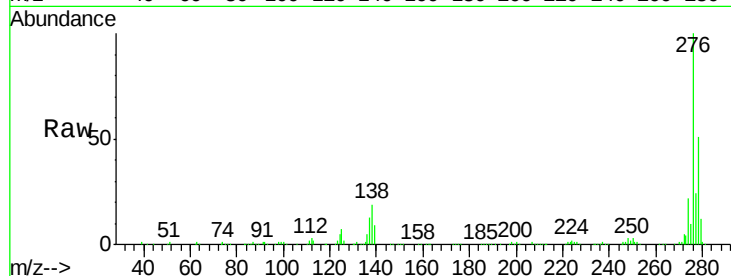




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.57 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

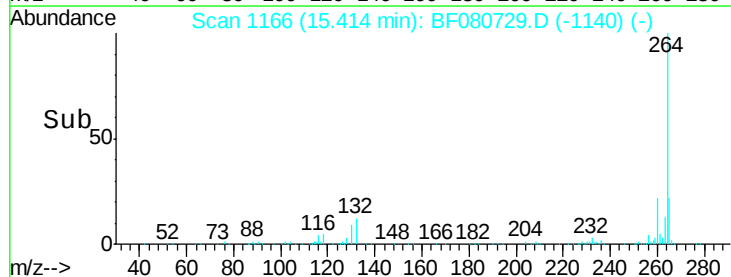
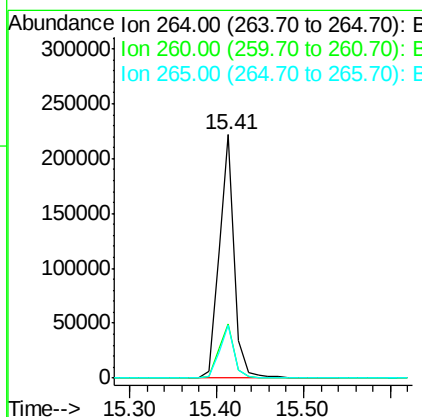
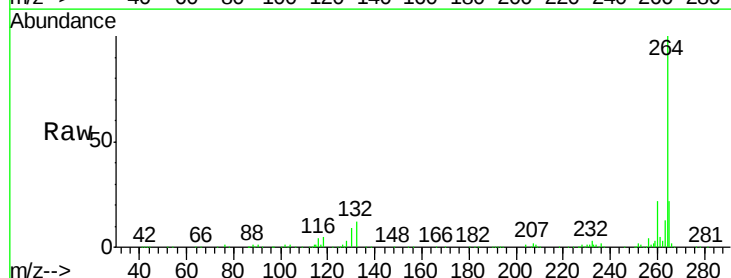
Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

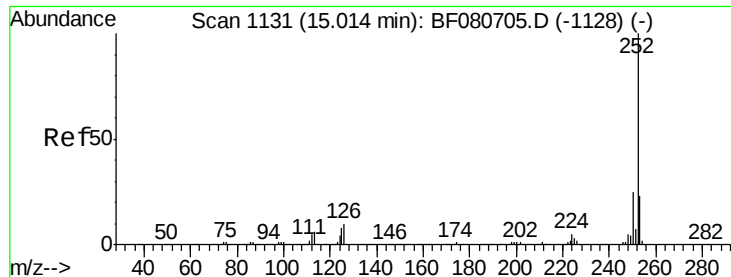
Tgt Ion: 276 Resp: 731186
 Ion Ratio Lower Upper
 276 100
 138 21.8 13.2 19.8#
 277 24.7 15.4 23.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Tgt Ion: 264 Resp: 267201
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.0
 265 21.8 17.3 25.9

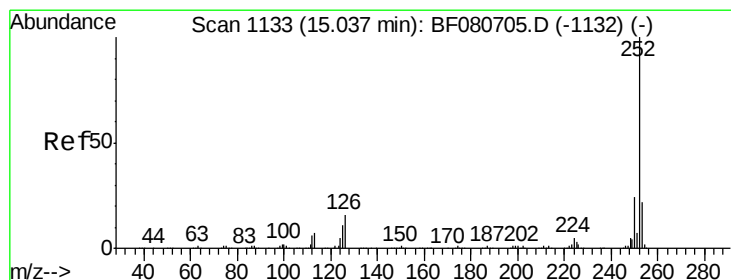
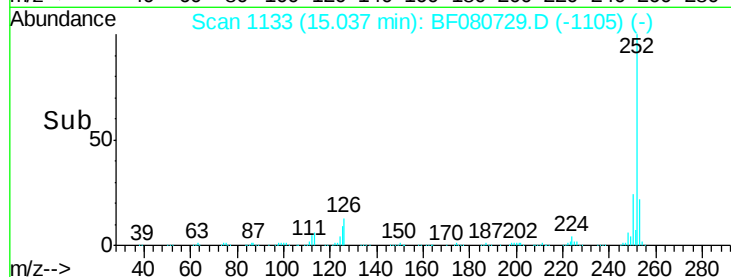
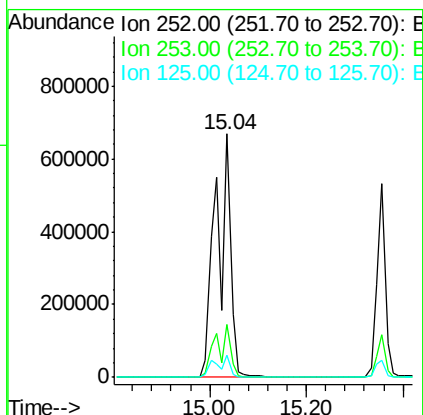
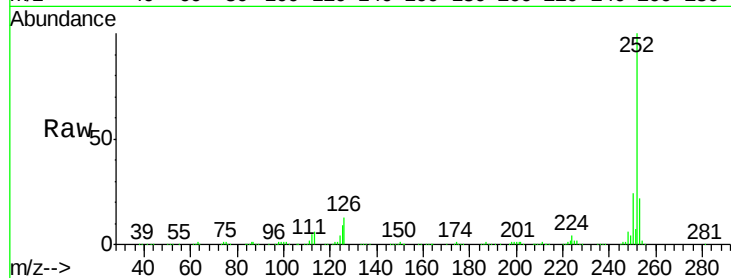




#87
Benzo(b)fluoranthene
Concen: 88.68 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.02 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

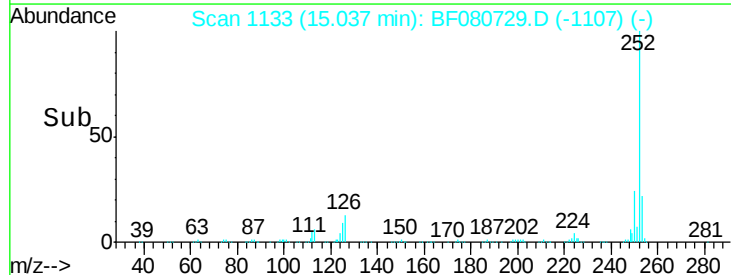
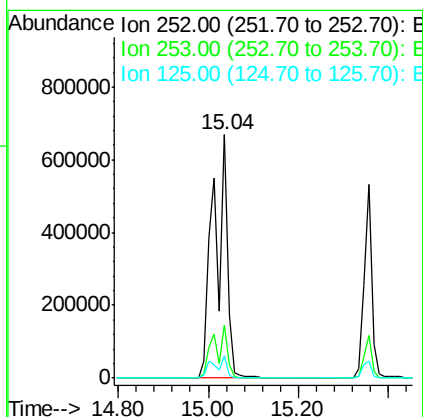
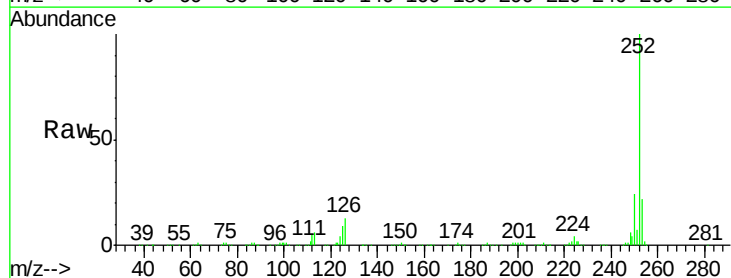
Instrument :
BNA_F
ClientSampleId :
PB84659BS

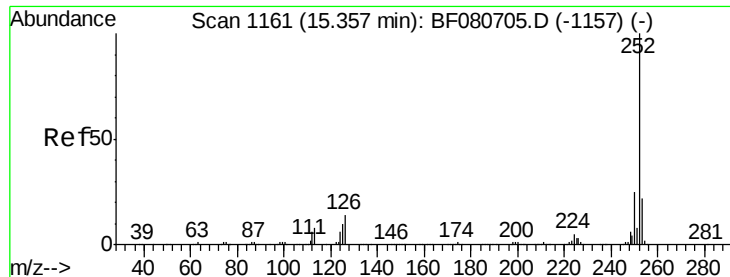
Tgt Ion:252 Resp: 1415465
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 8.9 6.2 9.2



#88
Benzo(k)fluoranthene
Concen: 107.80 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080729.D
Acq: 31 Jul 2015 12:32

Tgt Ion:252 Resp: 1416030
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.9 9.0 13.4#





#89

Benzo(a)pyrene

Concen: 49.45 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

Instrument :

BNA_F

ClientSampleId :

PB84659BS

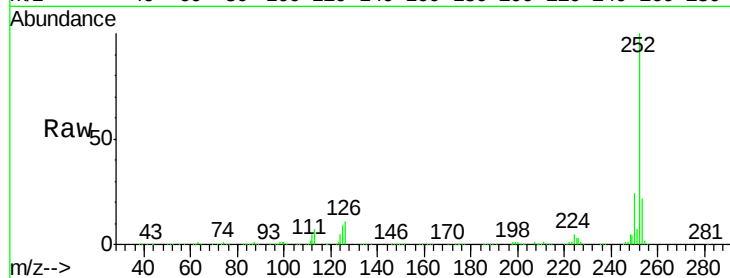
Tgt Ion:252 Resp: 647974

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

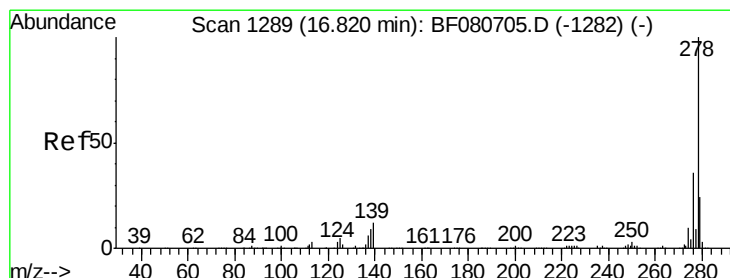
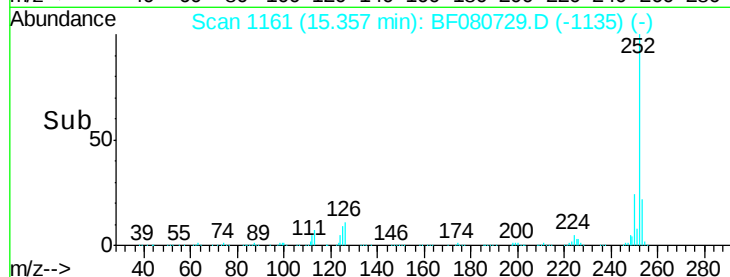
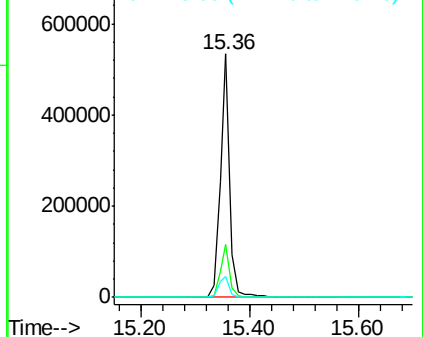
125 8.8 8.2 12.4



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: 51.65 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF080729.D

Acq: 31 Jul 2015 12:32

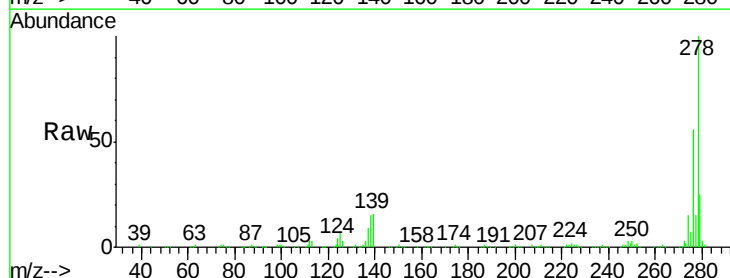
Tgt Ion:278 Resp: 605861

Ion Ratio Lower Upper

278 100

139 16.0 9.8 14.8#

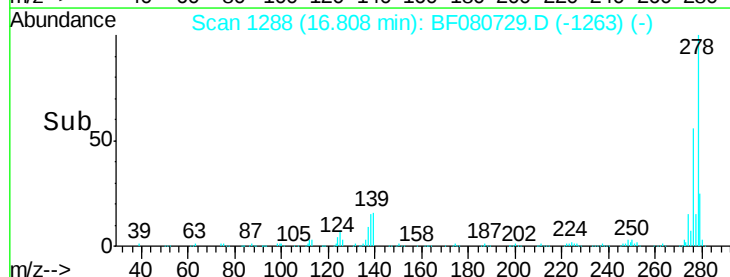
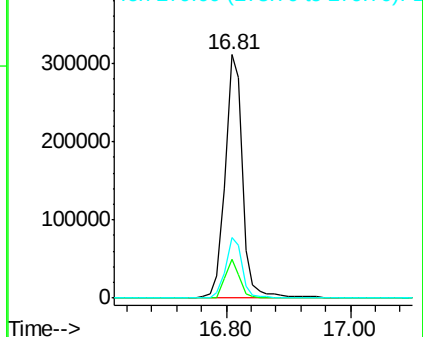
279 24.8 19.4 29.2

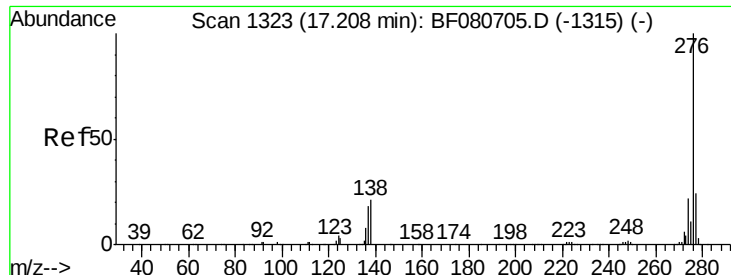


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

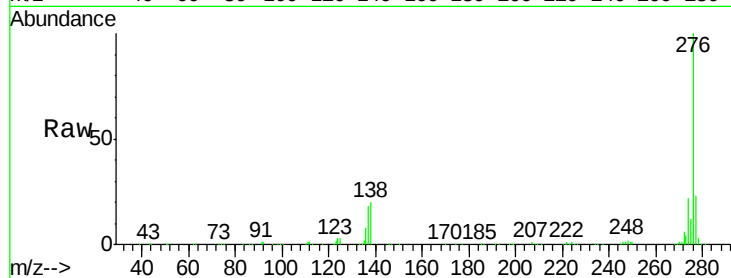




#91
 Benzo(g,h,i)perylene
 Concen: 53.92 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080729.D
 Acq: 31 Jul 2015 12:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84659BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	19.5	16.9	25.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

