

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080209.D
 Acq On : 29 Jun 2015 16:39
 Operator : TP/IZ
 Sample : PB84267BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Quant Time: Jun 30 01:43:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30991	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	120577	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	59179	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	122756	20.00	ng	-0.05
75) Chrysene-d12	14.87	240	129396	20.00	ng	-0.13
86) Perylene-d12	16.77	264	126207	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	229076	130.85	ng	-0.02
7) Phenol-d6	6.90	99	309392	132.80	ng	-0.02
23) Nitrobenzene-d5	7.85	82	188363	90.94	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	80138	138.48	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	352898	85.04	ng	-0.03
78) Terphenyl-d14	13.58	244	451443	81.48	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	26561	31.92	ng	86
3) Pyridine	3.98	79	83315	37.65	ng	# 80
4) n-Nitrosodimethylamine	3.89	42	35236	33.50	ng	93
6) Aniline	6.95	93	93779	29.26	ng	95
8) 2-Chlorophenol	7.08	128	85874	42.44	ng	89
9) Benzaldehyde	6.84	77	36632	27.24	ng	# 68
10) Phenol	6.92	94	107389	42.24	ng	85
11) bis(2-Chloroethyl)ether	7.02	93	73710	36.54	ng	# 83
12) 1,3-Dichlorobenzene	7.24	146	93172	38.33	ng	# 92
13) 1,4-Dichlorobenzene	7.32	146	98968	42.81	ng	97
14) 1,2-Dichlorobenzene	7.32	146	98968	44.00	ng	98
15) Benzyl Alcohol	7.42	79	73549	38.61	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	129091	43.12	ng	89
17) 2-Methylphenol	7.53	107	63370	36.66	ng	# 89
18) Hexachloroethane	7.82	117	31397	40.79	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	57299	35.42	ng	# 76
20) 3+4-Methylphenols	7.68	107	89781	40.25	ng	90
22) Acetophenone	7.69	105	116244	41.37	ng	# 83
24) Nitrobenzene	7.88	77	81835	38.28	ng	# 79
25) Isophorone	8.10	82	153764	36.89	ng	# 84
26) 2-Nitrophenol	8.20	139	41388	46.25	ng	# 80
27) 2,4-Dimethylphenol	8.22	122	78216	41.92	ng	# 84
28) bis(2-Chloroethoxy)methane	8.31	93	97803	39.94	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	72531	45.39	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	81657	45.00	ng	98
31) Naphthalene	8.61	128	249456	39.57	ng	98
32) Benzoic acid	8.28	122	15874	14.07	ng	# 64
33) 4-Chloroaniline	8.64	127	62032	22.99	ng	# 83
34) Hexachlorobutadiene	8.73	225	41993	37.58	ng	99
35) Caprolactam	8.98	113	20865	40.23	ng	98
36) 4-Chloro-3-methylphenol	9.12	107	65672	36.44	ng	97
37) 2-Methylnaphthalene	9.30	142	180599	44.29	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	79545	46.19	ng	97
40) Hexachlorocyclopentadiene	9.46	237	61125	69.84	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	53010	45.24	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	51690	38.29	ng #	90
45) 1,1'-Biphenyl	9.76	154	194875	40.47	ng	92
46) 2-Chloronaphthalene	9.80	162	164870	42.20	ng	94
47) 2-Nitroaniline	9.88	65	43033	40.13	ng #	58
48) Acenaphthylene	10.22	152	271689	41.67	ng	97
49) Dimethylphthalate	10.06	163	176115	39.58	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	37401	41.93	ng #	52
51) Acenaphthene	10.39	154	168919	42.35	ng	90
52) 3-Nitroaniline	10.29	138	35560	34.55	ng #	54
53) 2,4-Dinitrophenol	10.40	184	28176	77.79	ng #	34
54) Dibenzofuran	10.56	168	239538	42.32	ng #	90
55) 4-Nitrophenol	10.44	139	63812	77.58	ng #	45
56) 2,4-Dinitrotoluene	10.53	165	55850	49.34	ng #	90
57) Fluorene	10.90	166	179710	40.01	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.64	232	41553	36.46	ng	89
59) Diethylphthalate	10.76	149	179693	40.11	ng	97
60) 4-Chlorophenyl-phenylether	10.89	204	90738	42.04	ng	91
61) 4-Nitroaniline	10.90	138	43200	40.65	ng #	47
62) Azobenzene	11.05	77	187788	41.18	ng	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	21083	37.37	ng	91
65) n-Nitrosodiphenylamine	11.01	169	164762	41.22	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	51464	39.43	ng #	85
67) Hexachlorobenzene	11.48	284	55066	37.96	ng #	79
68) Atrazine	11.53	200	49871	39.49	ng	83
69) Pentachlorophenol	11.66	266	55204	67.16	ng	99
70) Phenanthrene	11.89	178	284455	38.27	ng	96
71) Anthracene	11.94	178	301999	42.20	ng	99
72) Carbazole	12.09	167	257502	37.69	ng	96
73) Di-n-butylphthalate	12.43	149	269214	34.11	ng #	98
74) Fluoranthene	13.17	202	304919	38.52	ng	89
76) Benzidine	13.28	184	154441	42.70	ng	98
77) Pyrene	13.43	202	328814	41.27	ng	97
79) Butylbenzylphthalate	14.14	149	120479	37.66	ng	96
80) Benzo(a)anthracene	14.86	228	310803	39.43	ng	97
81) 3,3'-Dichlorobenzidine	14.81	252	72330	26.60	ng #	93
82) Chrysene	14.91	228	293074	40.32	ng	96
83) Bis(2-ethylhexyl)phthalate	14.85	149	180345	35.67	ng #	94
84) Di-n-octyl phthalate	15.67	149	292587	33.77	ng	95
85) Indeno(1,2,3-cd)pyrene	18.62	276	340655	37.16	ng #	88
87) Benzo(b)fluoranthene	16.24	252	300197	39.29	ng #	84
88) Benzo(k)fluoranthene	16.28	252	306496	39.39	ng #	86
89) Benzo(a)pyrene	16.70	252	301194	41.51	ng #	84
90) Dibenzo(a,h)anthracene	18.64	278	289579	38.99	ng #	80
91) Benzo(g,h,i)perylene	19.17	276	292588	39.01	ng #	78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

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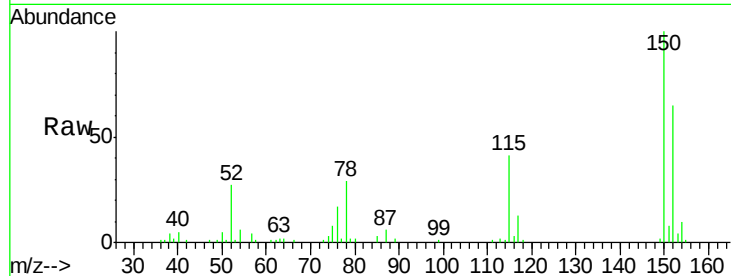
Tgt Ion:152 Resp: 30991

Ion Ratio Lower Upper

152 100

150 153.4 124.7 187.1

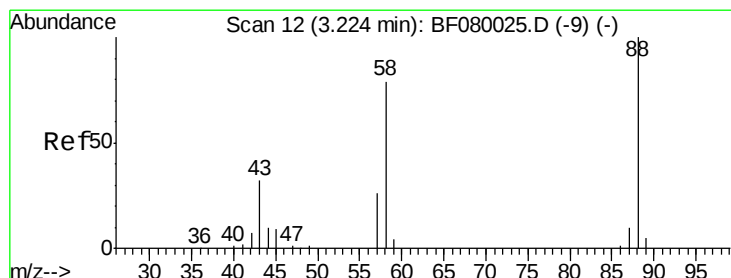
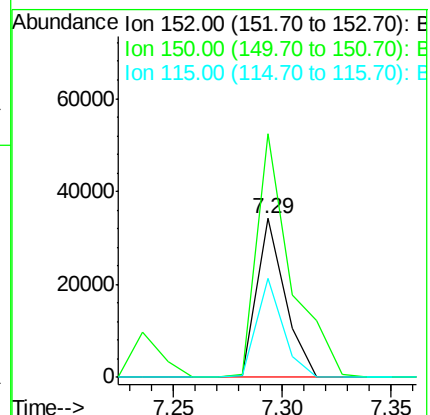
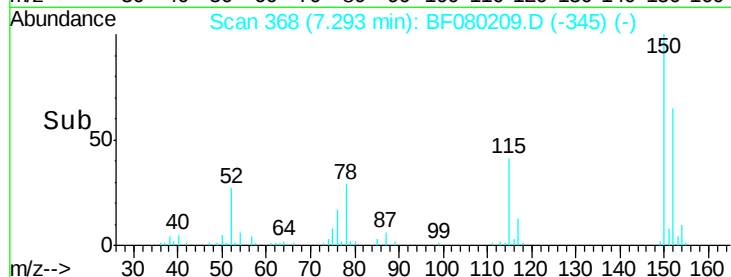
115 62.3 39.0 58.4#



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: 31.92 ng

RT: 3.16 min Scan# 6

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

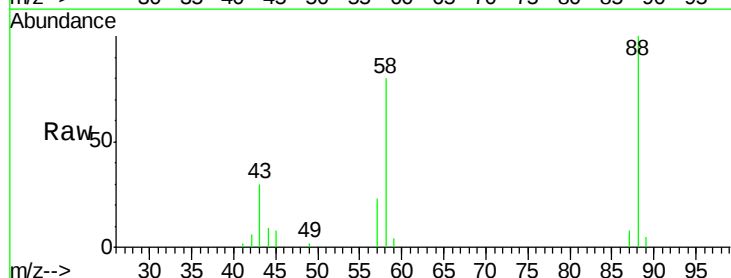
Tgt Ion: 88 Resp: 26561

Ion Ratio Lower Upper

88 100

58 80.5 77.7 116.5

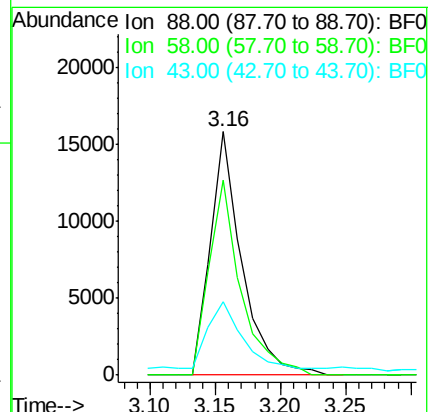
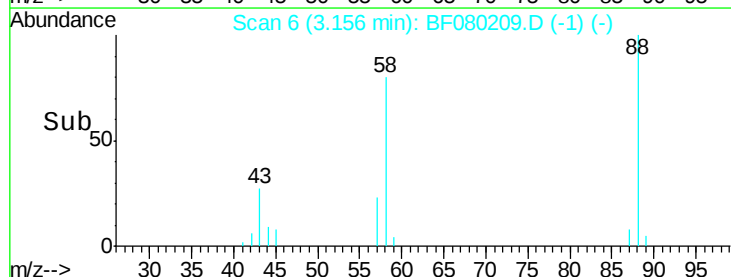
43 29.3 26.6 40.0



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: 37.65 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080209.D

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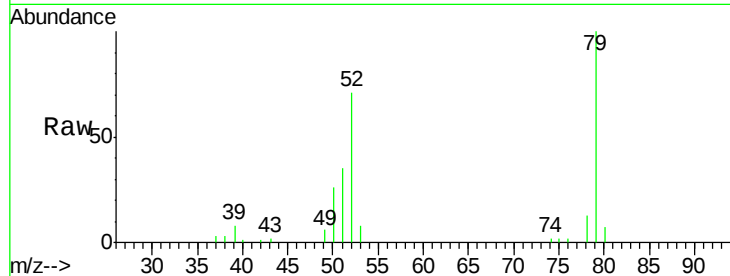
Tgt Ion: 79 Resp: 83315

Ion Ratio Lower Upper

79 100

52 71.2 76.8 115.2#

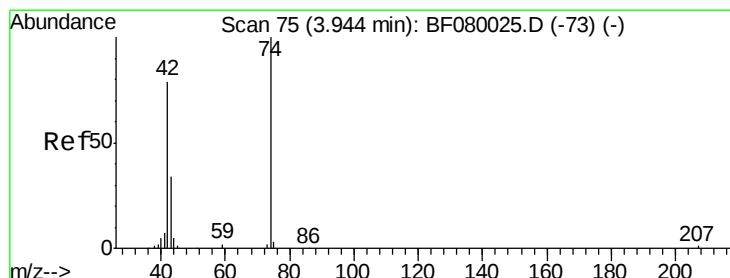
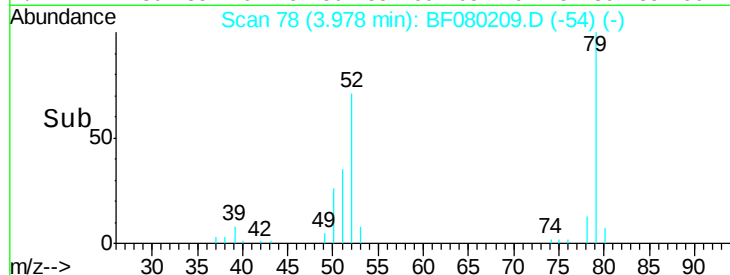
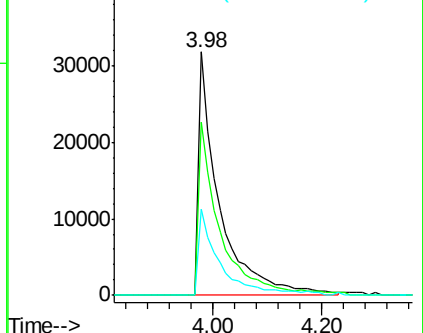
51 35.5 32.2 48.4



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: 33.50 ng

RT: 3.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

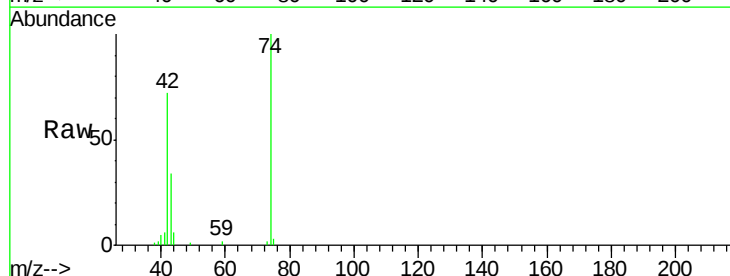
Tgt Ion: 42 Resp: 35236

Ion Ratio Lower Upper

42 100

74 139.5 105.0 157.6

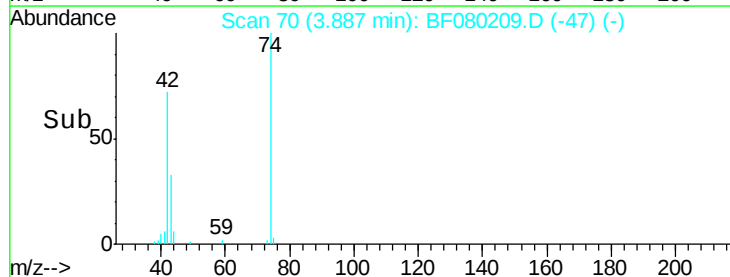
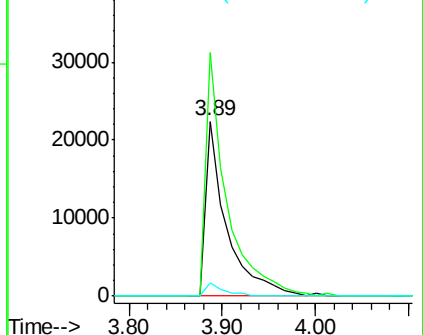
44 7.8 6.6 10.0



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: 130.85 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080209.D

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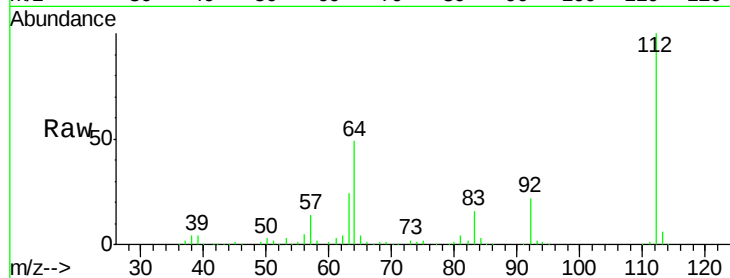
Tgt Ion: 112 Resp: 229076

Ion Ratio Lower Upper

112 100

64 49.1 39.7 59.5

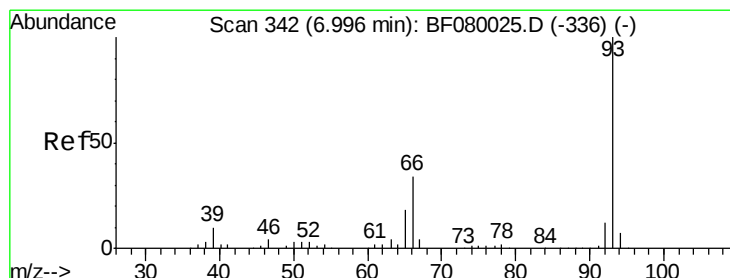
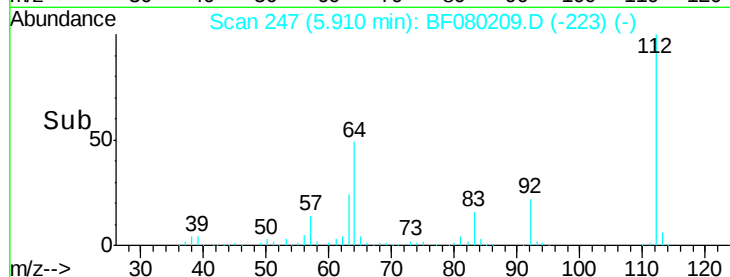
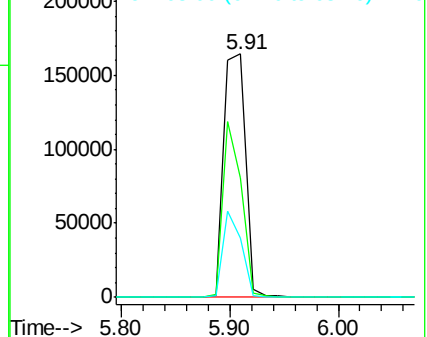
63 24.2 17.4 26.0



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: 29.26 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

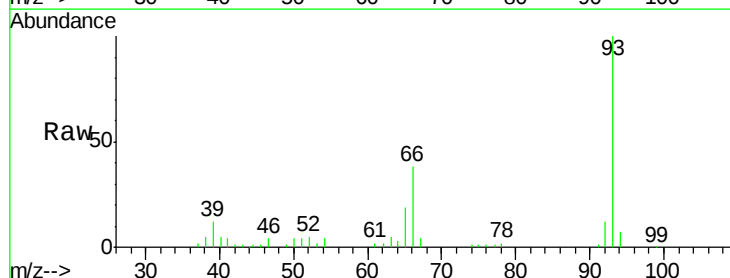
Tgt Ion: 93 Resp: 93779

Ion Ratio Lower Upper

93 100

66 37.6 27.2 40.8

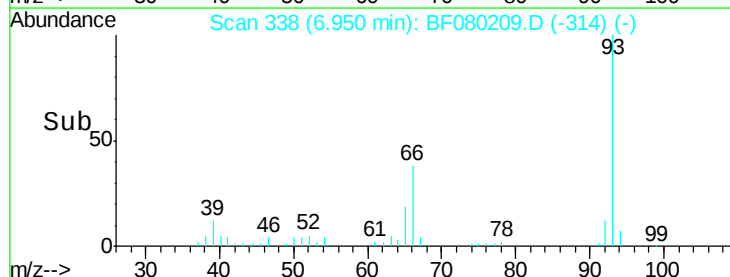
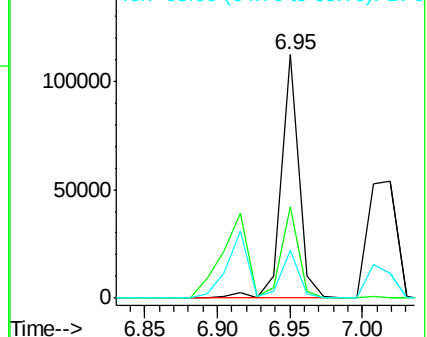
65 19.4 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.80 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

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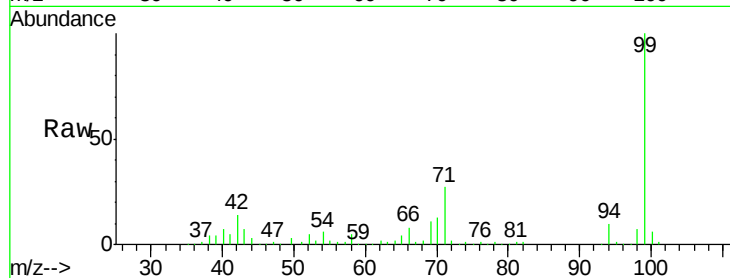
Tgt Ion: 99 Resp: 309392

Ion Ratio Lower Upper

99 100

42 14.0 13.7 20.5

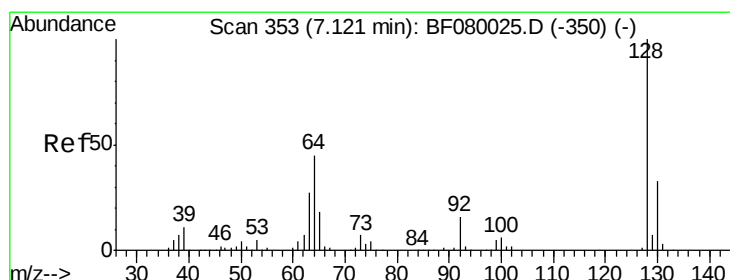
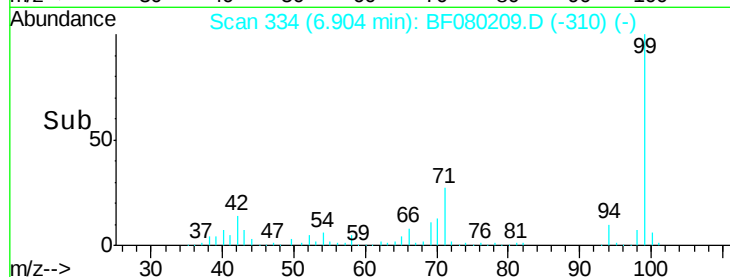
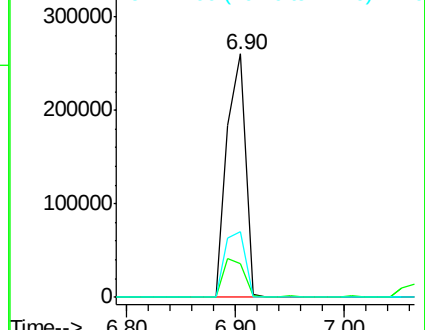
71 27.1 14.2 21.2#



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: 42.44 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

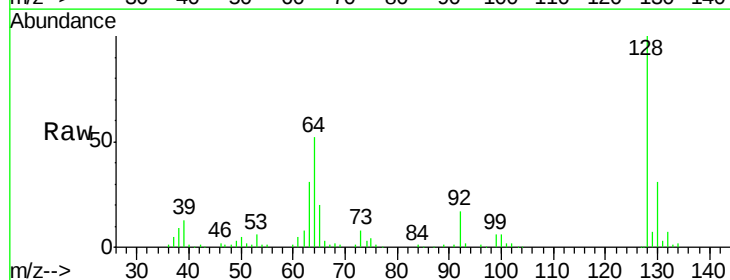
Tgt Ion: 128 Resp: 85874

Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

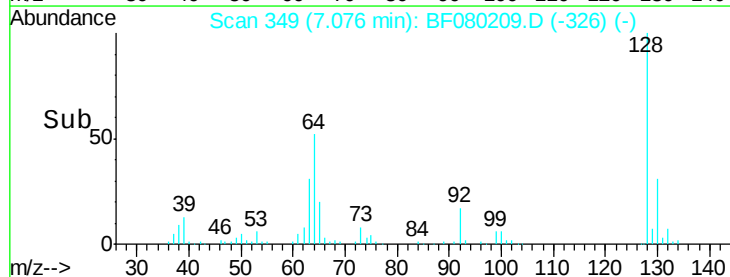
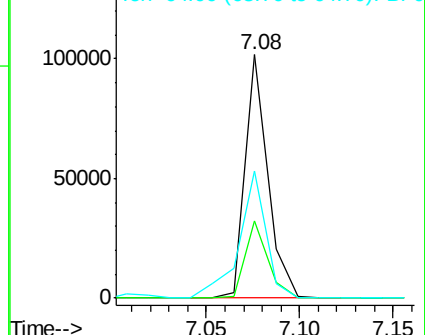
64 52.1 20.5 60.5

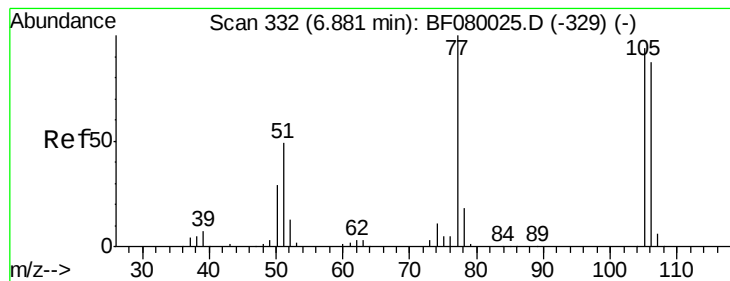


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.24 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

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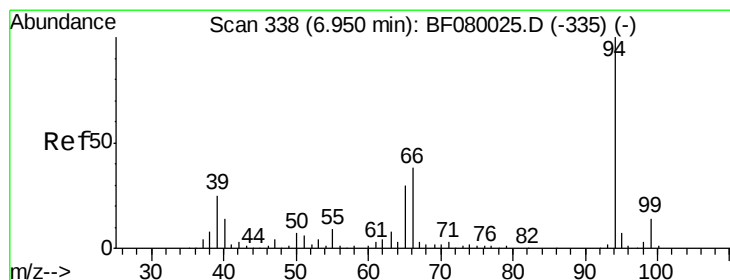
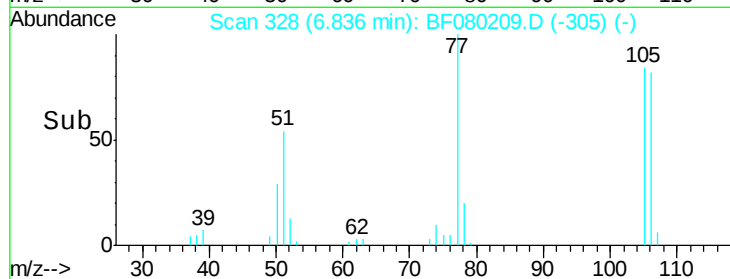
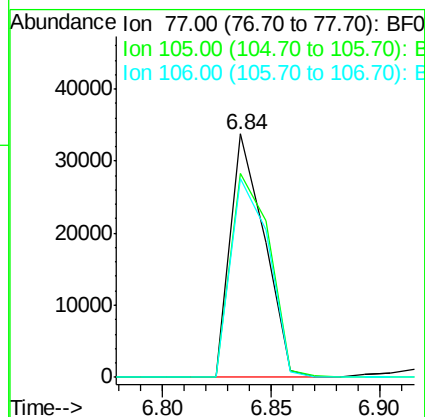
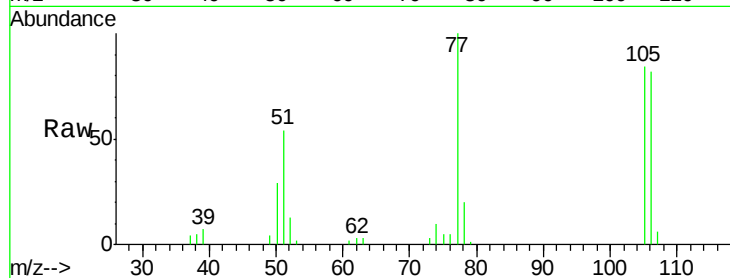
Tgt Ion: 77 Resp: 36632

Ion Ratio Lower Upper

77 100

105 83.8 91.6 131.6#

106 81.5 102.6 142.6#



#10

Phenol

Concen: 42.24 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

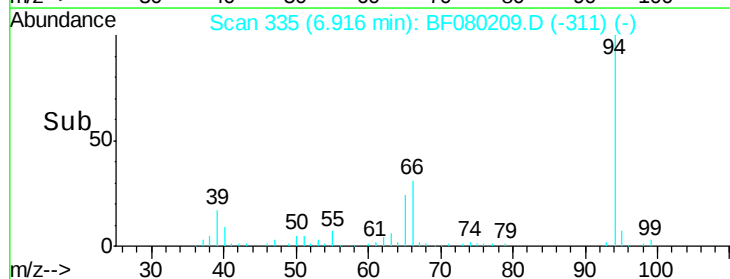
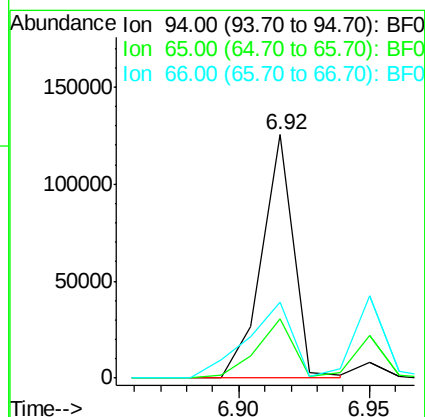
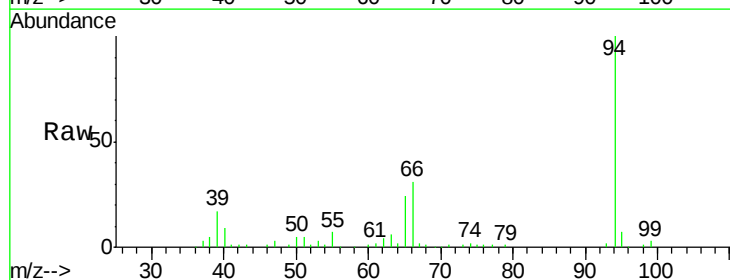
Tgt Ion: 94 Resp: 107389

Ion Ratio Lower Upper

94 100

65 24.4 0.7 40.7

66 31.0 0.8 40.8

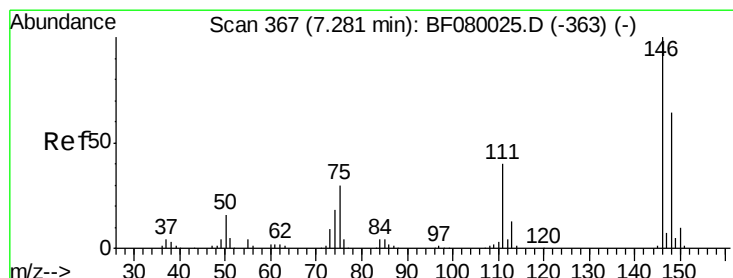
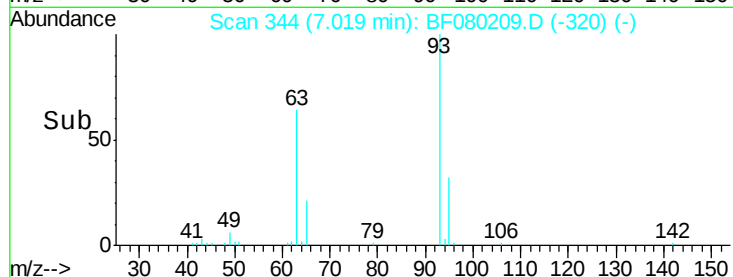
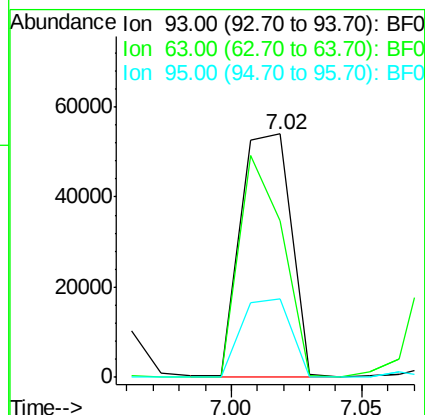
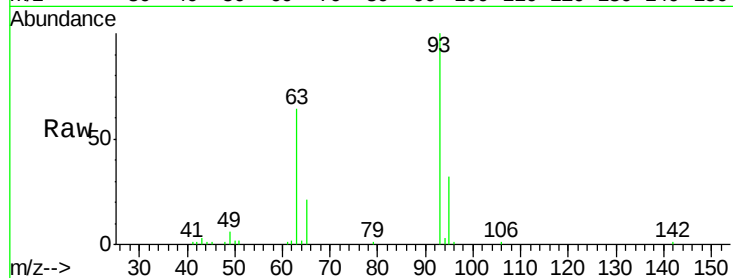




#11
bis(2-Chloroethyl)ether
Concen: 36.54 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

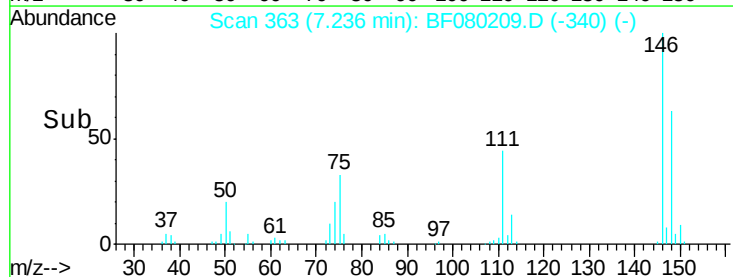
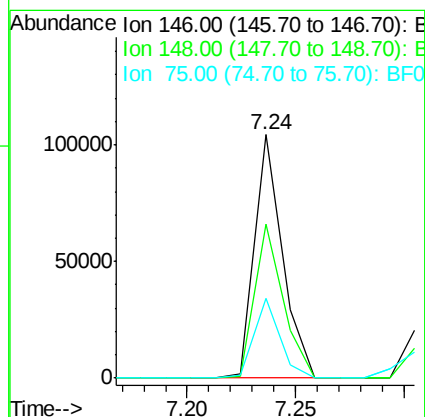
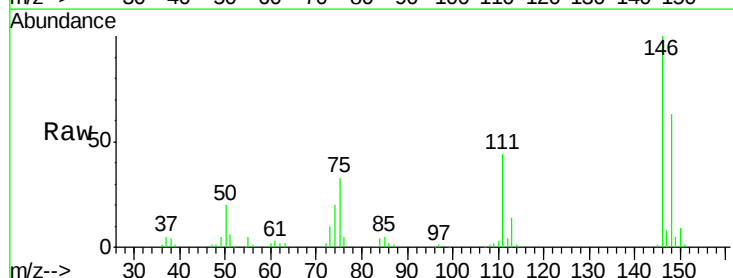
Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion: 93 Resp: 73710
Ion Ratio Lower Upper
93 100
63 64.3 65.6 105.6#
95 32.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.33 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion: 146 Resp: 93172
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 32.9 15.0 22.6#

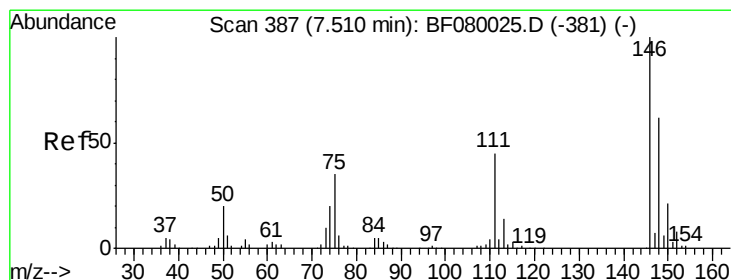
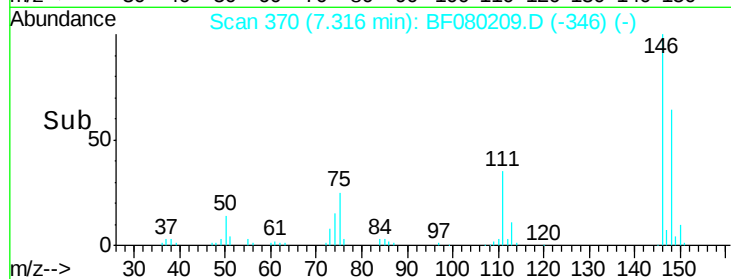
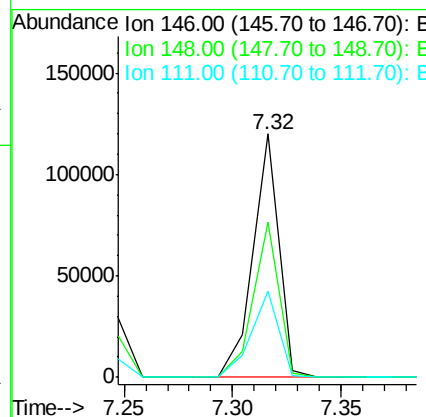
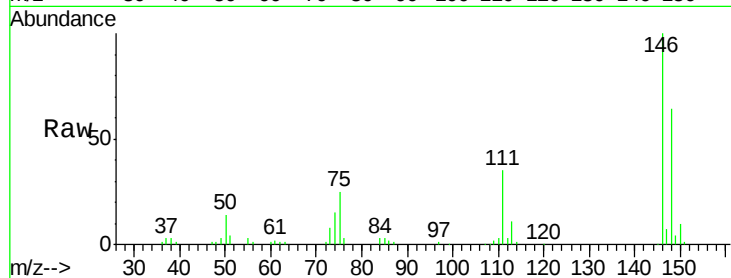




#13
 1,4-Dichlorobenzene
 Concen: 42.81 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

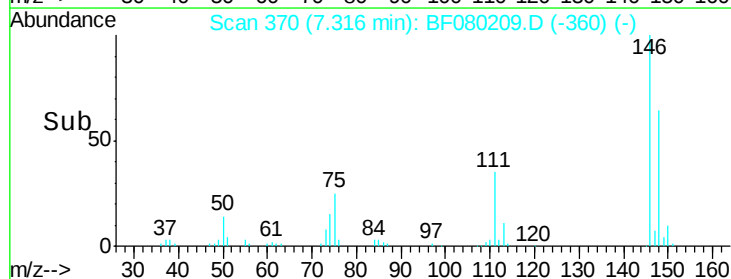
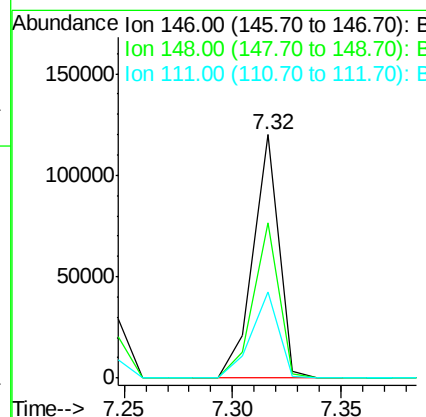
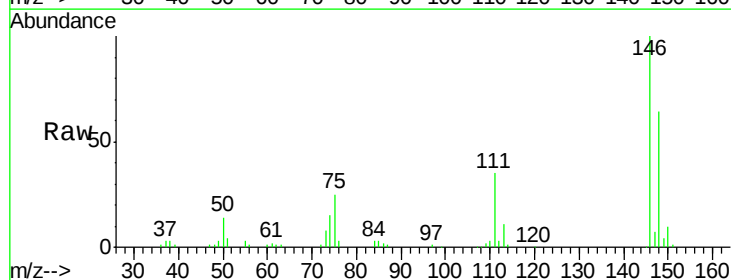
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:146 Resp: 98968
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 35.3 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 44.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.18 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:146 Resp: 98968
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.7 79.1
 111 35.3 28.8 43.2





#15

Benzyl Alcohol

Concen: 38.61 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

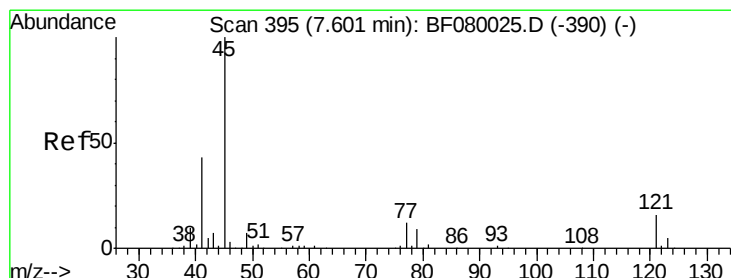
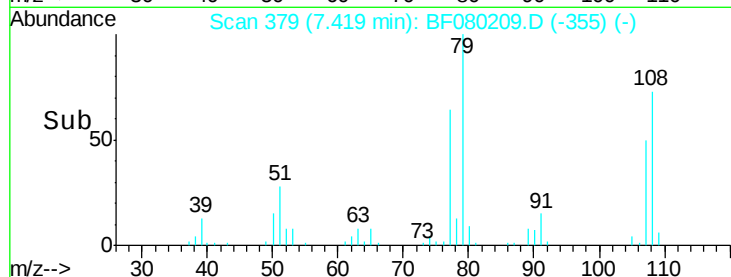
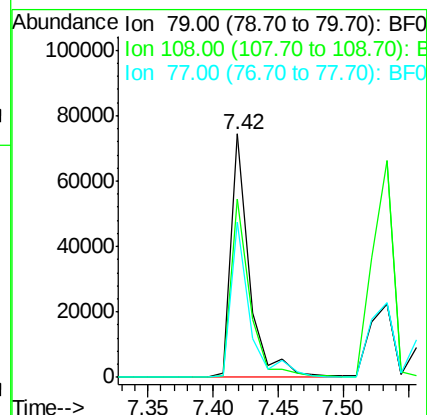
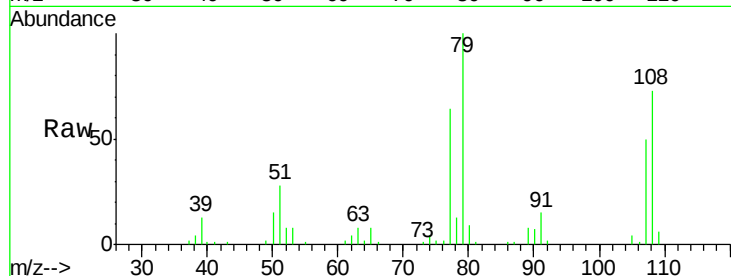
Tgt Ion: 79 Resp: 73549

Ion Ratio Lower Upper

79 100

108 73.2 88.6 132.8#

77 63.9 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.12 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

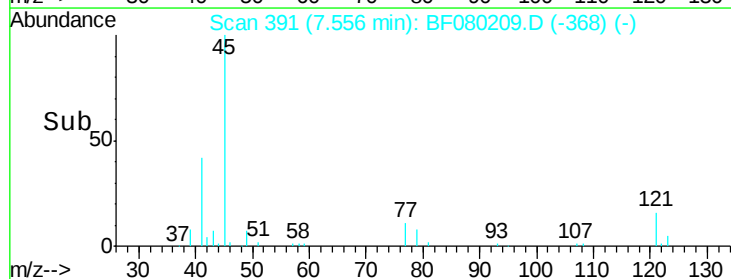
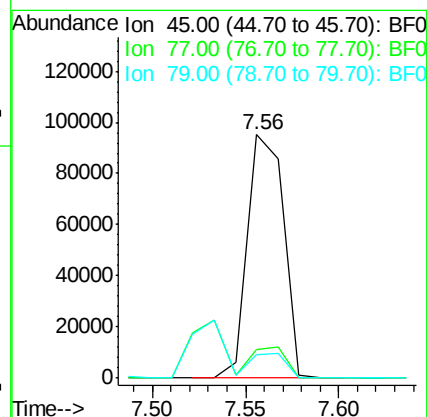
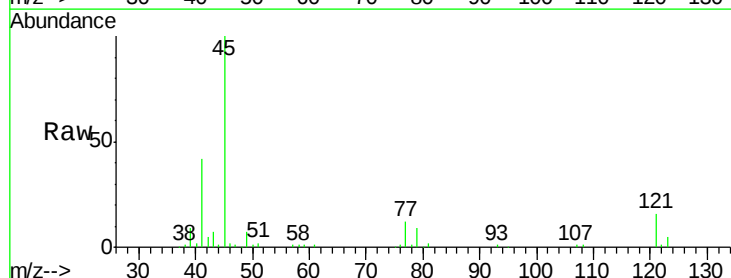
Tgt Ion: 45 Resp: 129091

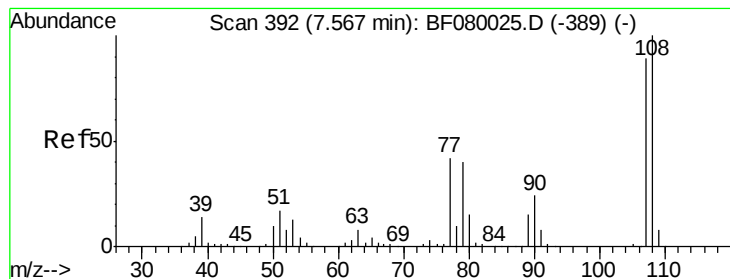
Ion Ratio Lower Upper

45 100

77 12.0 0.0 28.1

79 9.4 0.0 26.0





#17

2-Methylphenol

Concen: 36.66 ng

RT: 7.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

Tgt Ion:107 Resp: 63370

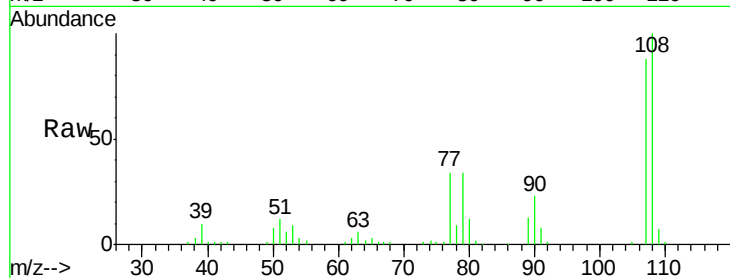
Ion Ratio Lower Upper

107 100

108 113.4 96.6 145.0

77 38.9 23.3 34.9#

79 38.5 22.0 33.0#

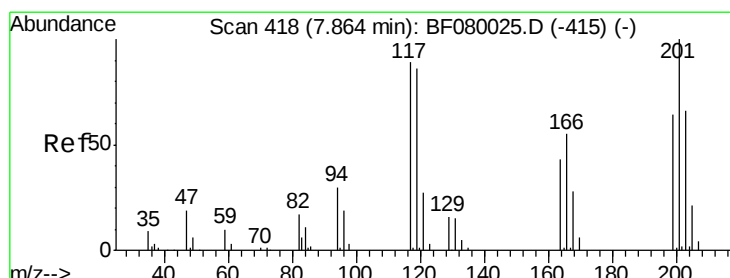
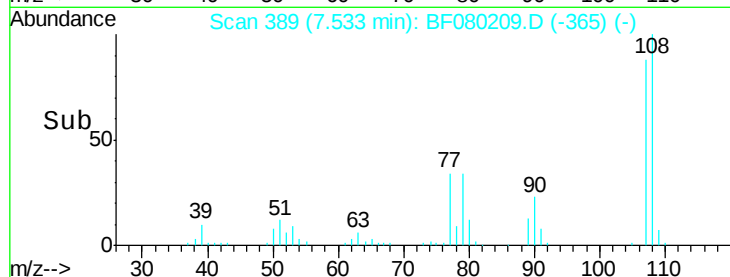
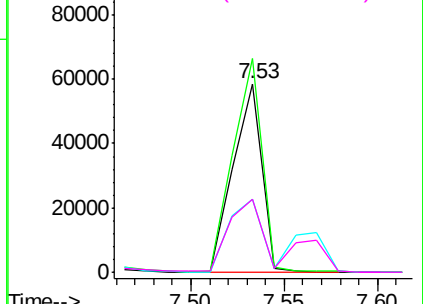


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.79 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

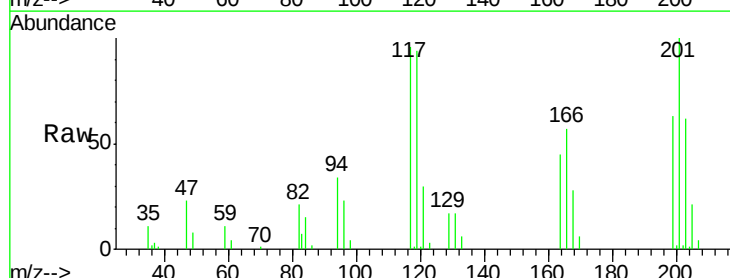
Tgt Ion:117 Resp: 31397

Ion Ratio Lower Upper

117 100

119 97.3 83.8 125.6

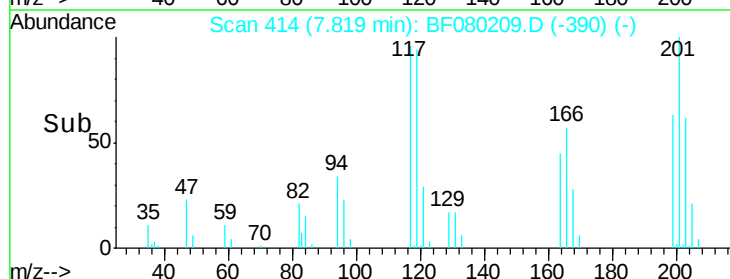
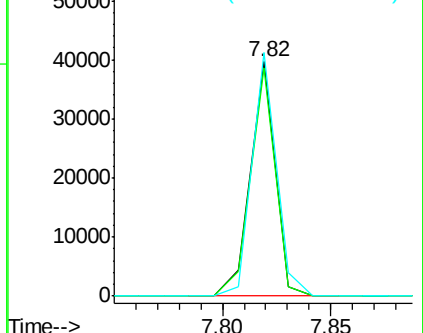
201 103.9 55.1 82.7#

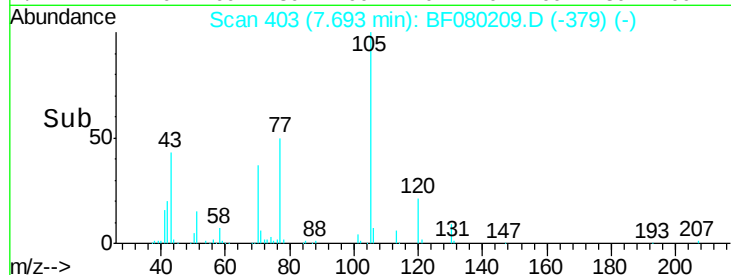
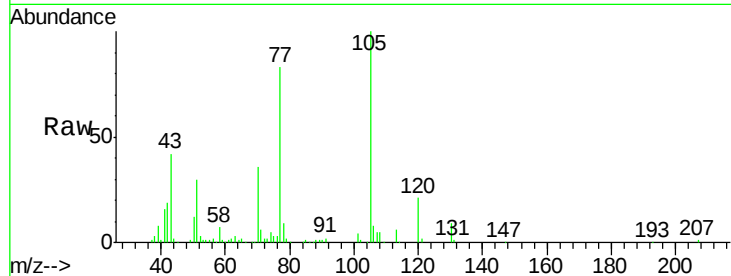


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

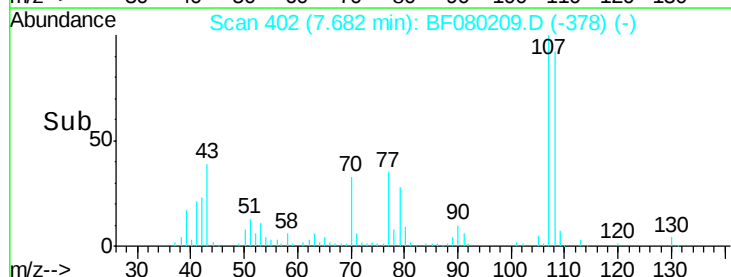
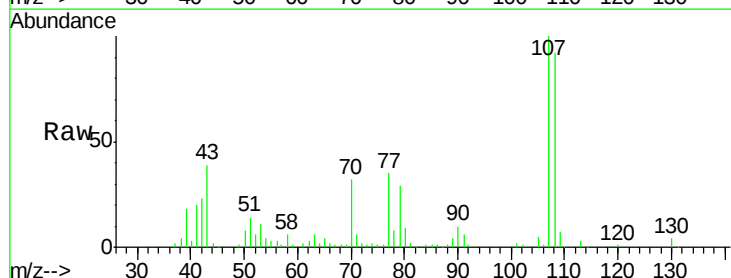
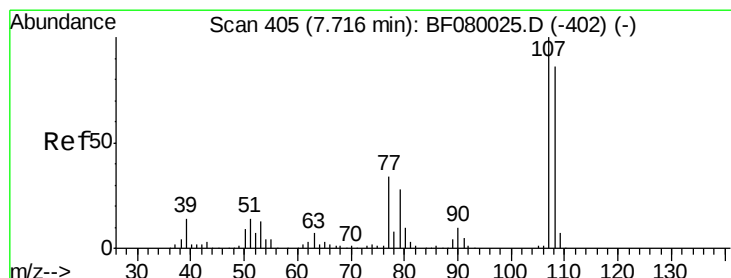
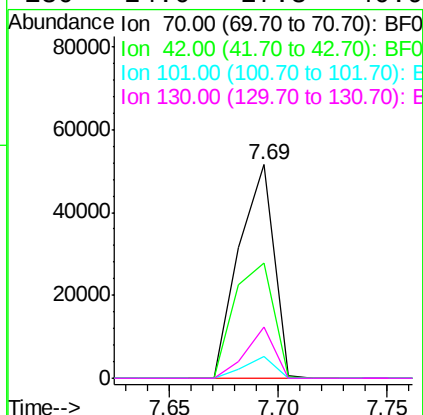




#19
n-Nitroso-di-n-propylamine
Concen: 35.42 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

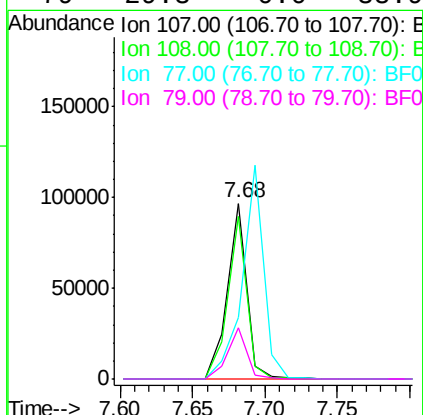
Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion:	70	Resp:	57299
Ion	Ratio	Lower	Upper
70	100		
42	53.7	63.8	95.6#
101	10.1	9.2	13.8
130	24.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 40.25 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:	107	Resp:	89781
Ion	Ratio	Lower	Upper
107	100		
108	92.5	74.6	114.6
77	35.3	0.7	40.7
79	29.3	0.0	38.9

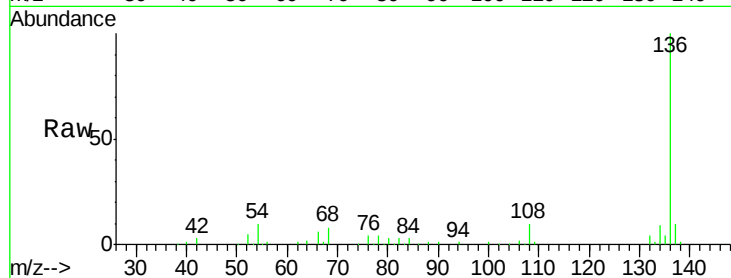




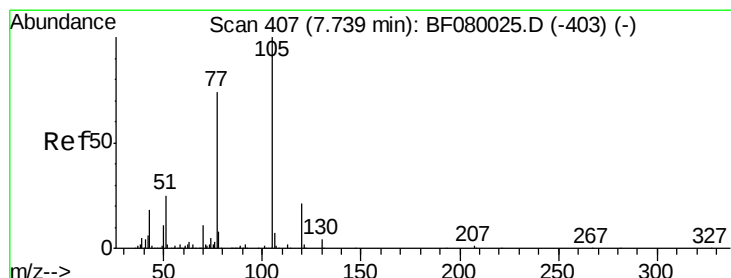
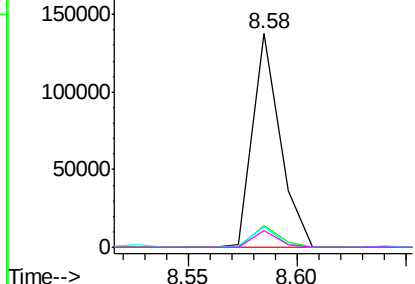
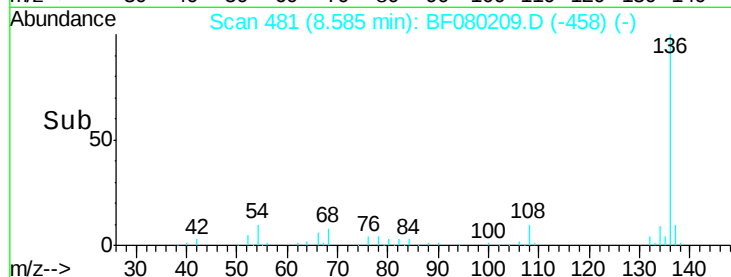
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion:	136	Resp:	120577
Ion Ratio	Lower	Upper	
136	100		
137	10.3	9.0	13.6
54	9.9	8.2	12.2
68	7.5	5.8	8.6

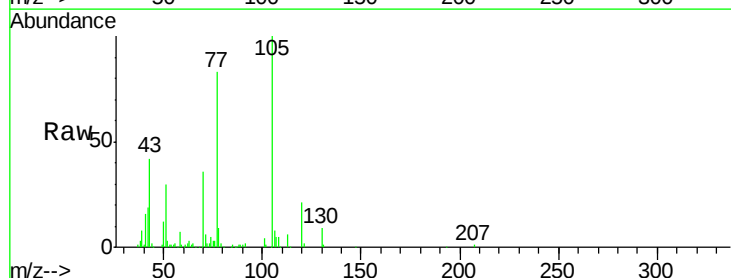


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

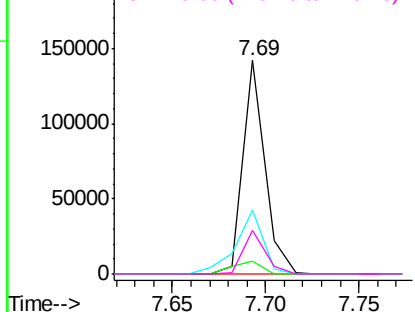
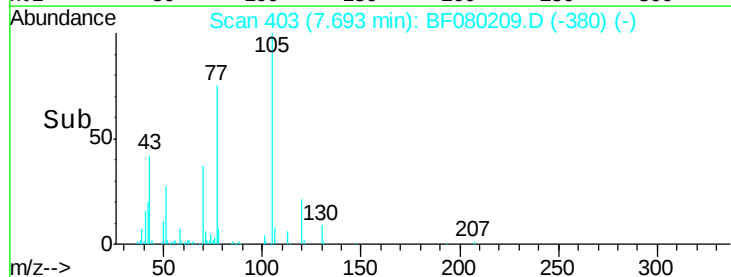


#22
Acetophenone
Concen: 41.37 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:	105	Resp:	116244
Ion Ratio	Lower	Upper	
105	100		
71	6.0	4.7	7.1
51	29.7	22.0	33.0
120	20.5	30.1	45.1#



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

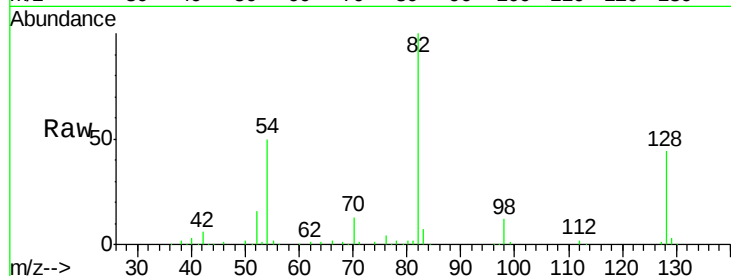




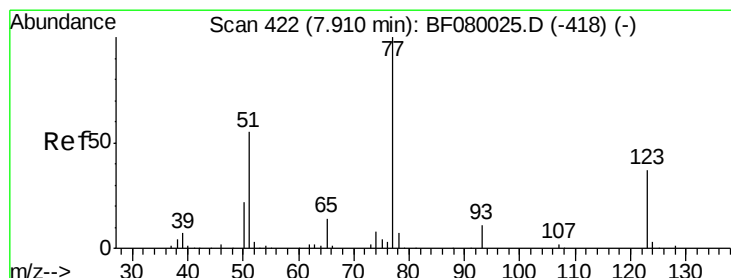
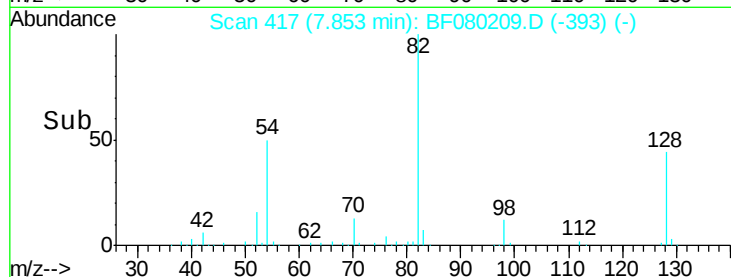
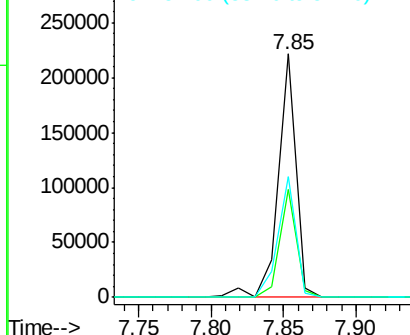
#23
 Nitrobenzene-d5
 Concen: 90.94 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion: 82 Resp: 188363
 Ion Ratio Lower Upper
 82 100
 128 44.4 51.0 76.6#
 54 49.8 47.5 71.3

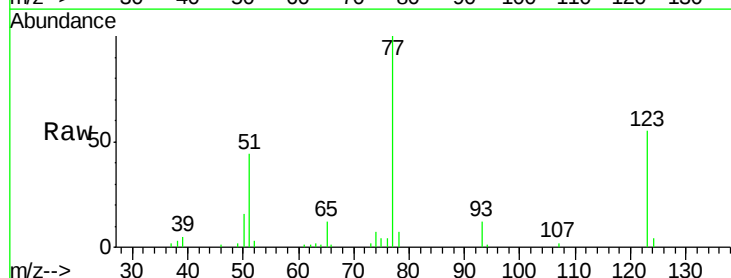


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

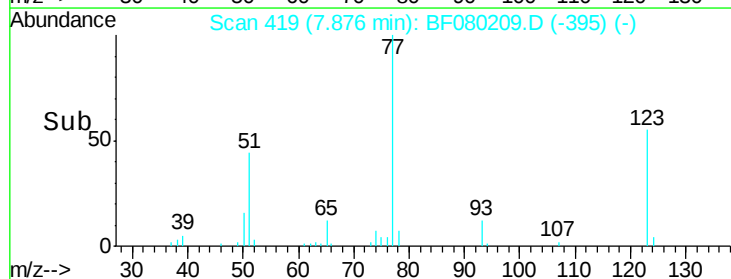
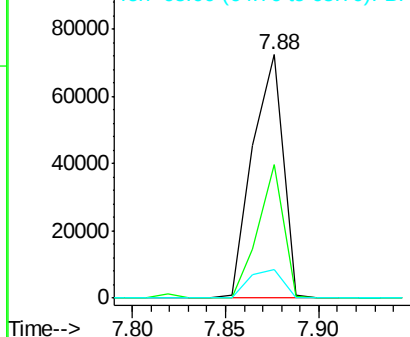


#24
 Nitrobenzene
 Concen: 38.28 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion: 77 Resp: 81835
 Ion Ratio Lower Upper
 77 100
 123 54.7 59.8 89.8#
 65 11.8 10.2 15.4



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: 36.89 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

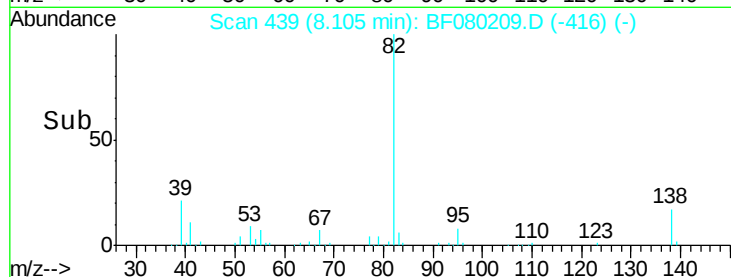
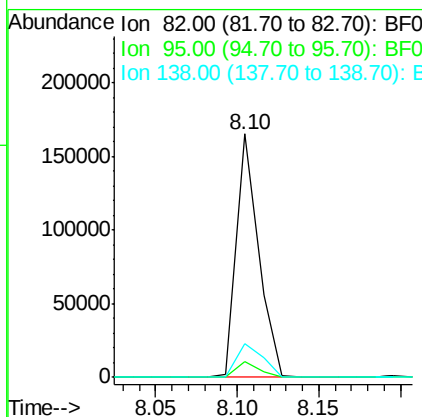
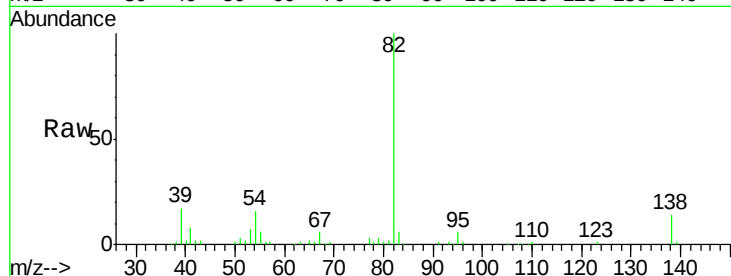
Tgt Ion: 82 Resp: 153764

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

138 13.8 18.3 27.5#



#26

2-Nitrophenol

Concen: 46.25 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

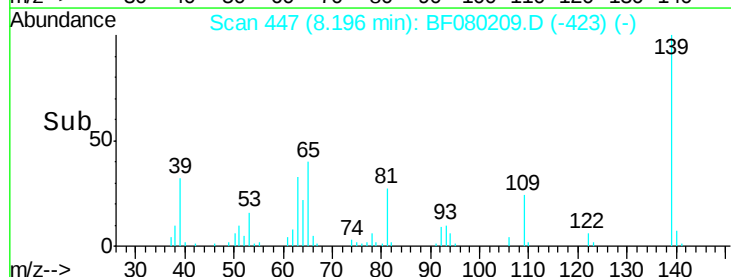
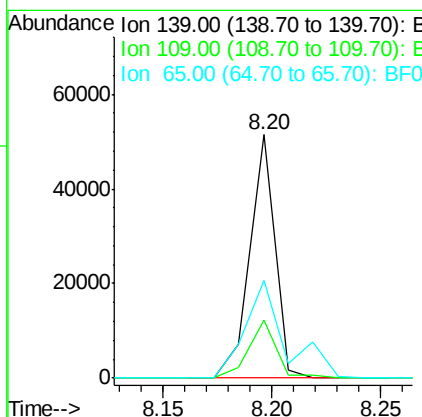
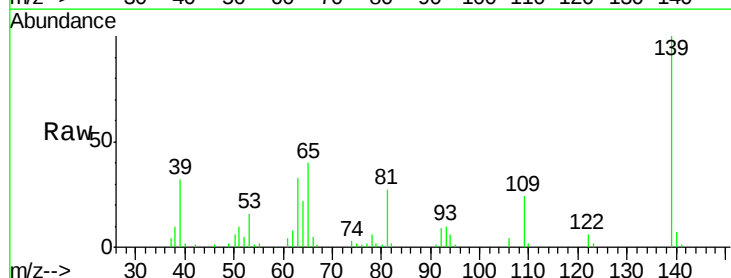
Tgt Ion: 139 Resp: 41388

Ion Ratio Lower Upper

139 100

109 24.0 11.0 16.4#

65 40.3 24.7 37.1#

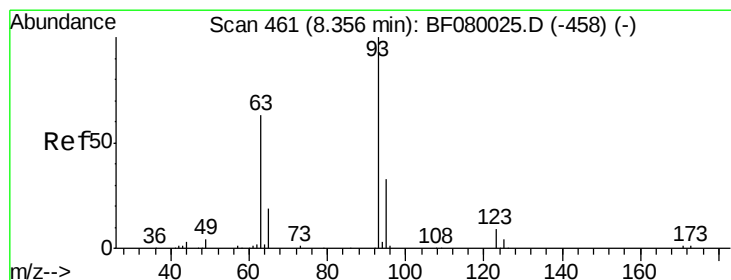
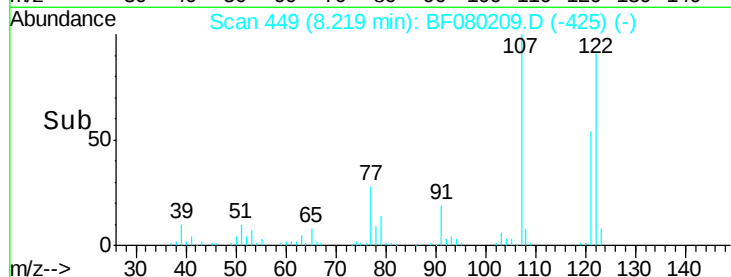
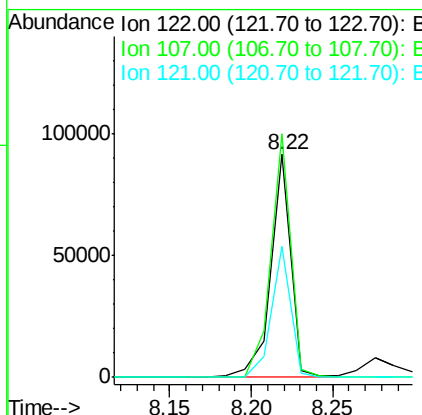
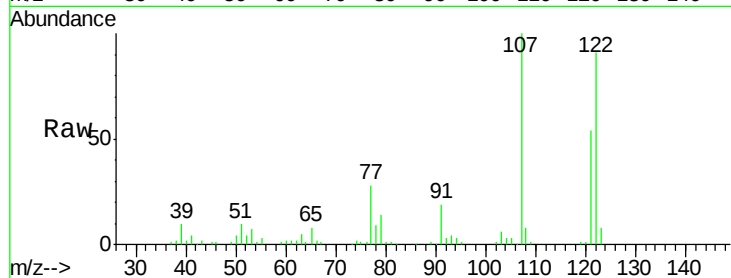




#27
 2,4-Dimethylphenol
 Concen: 41.92 ng
 RT: 8.22 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

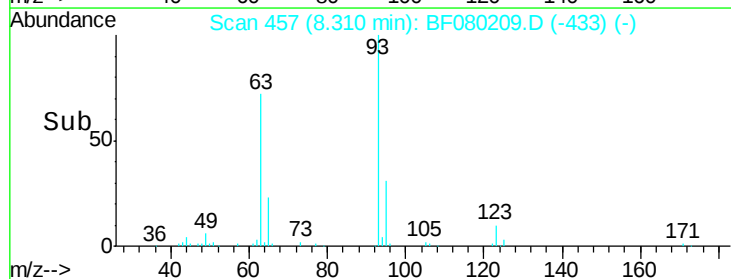
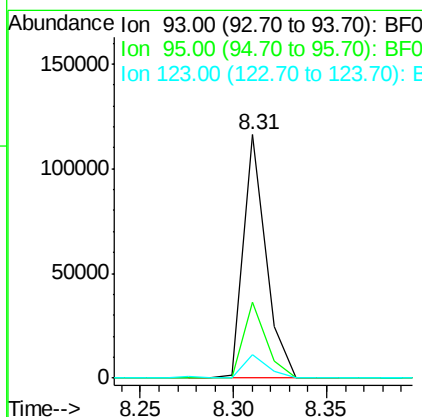
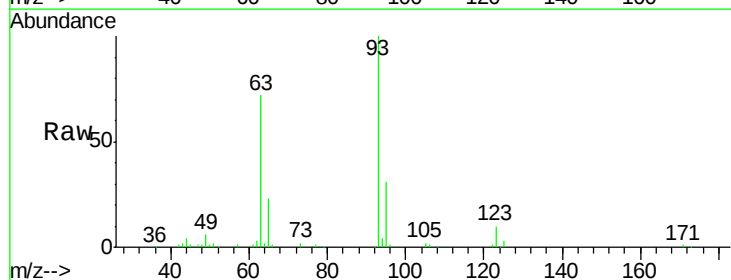
Instrument :
 BNA_F
 ClientSampled :
 PB84267BS

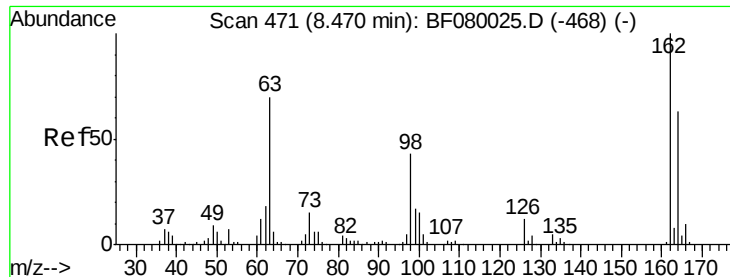
Tgt Ion:122 Resp: 78216
 Ion Ratio Lower Upper
 122 100
 107 109.4 71.8 107.6#
 121 58.9 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.94 ng
 RT: 8.31 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion: 93 Resp: 97803
 Ion Ratio Lower Upper
 93 100
 95 31.2 27.5 41.3
 123 9.8 13.7 20.5#

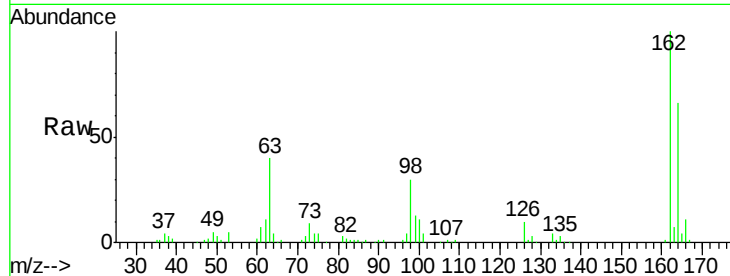




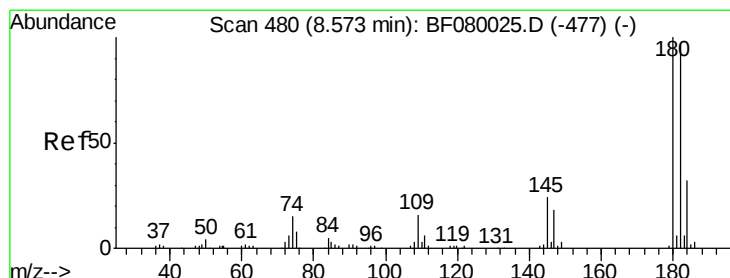
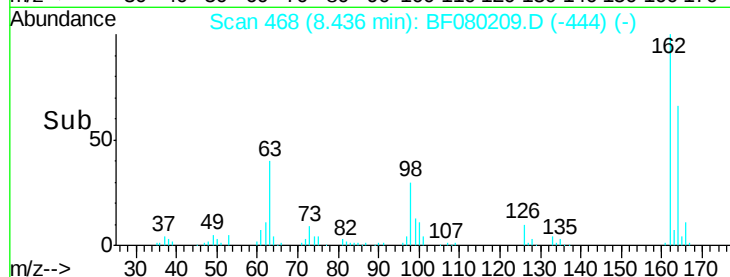
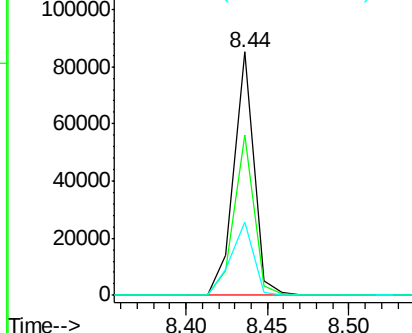
#29
 2,4-Dichlorophenol
 Concen: 45.39 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:162 Resp: 72531
 Ion Ratio Lower Upper
 162 100
 164 66.1 44.9 84.9
 98 30.2 13.0 53.0

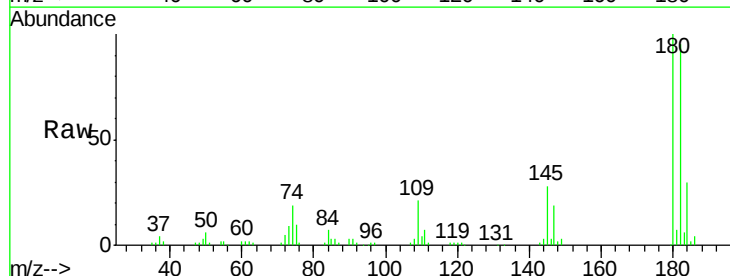


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

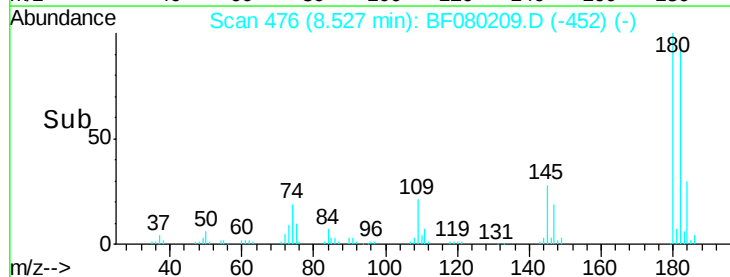
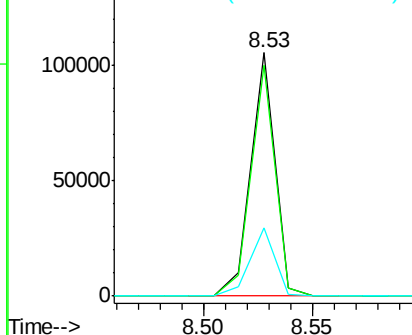


#30
 1,2,4-Trichlorobenzene
 Concen: 45.00 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:180 Resp: 81657
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 145 27.8 23.3 34.9



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

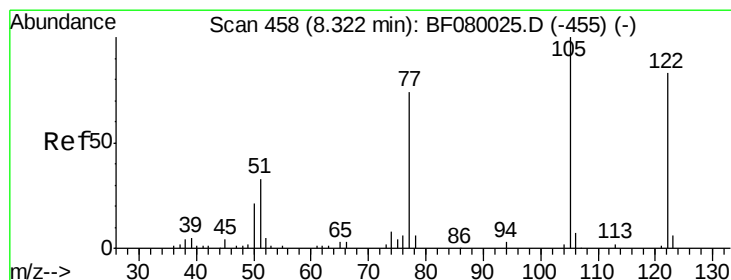
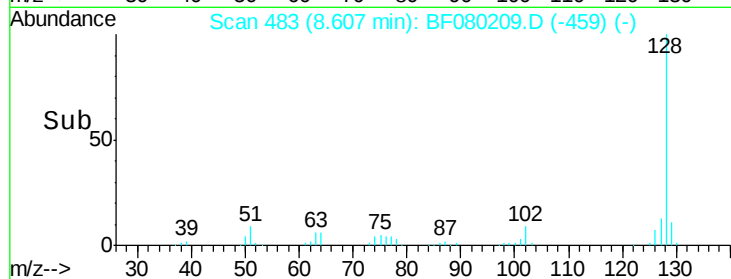
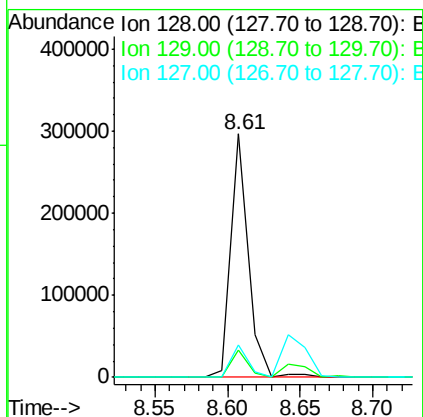
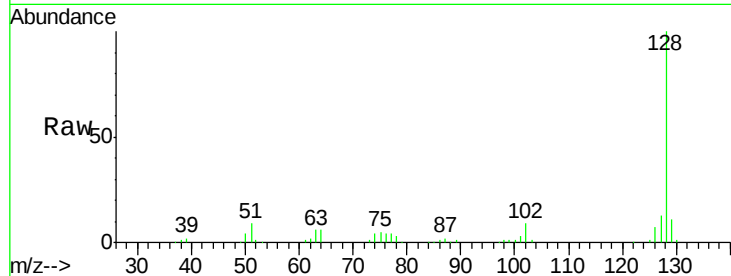




#31
Naphthalene
Concen: 39.57 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

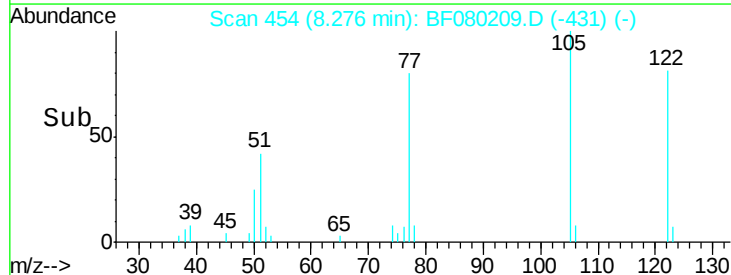
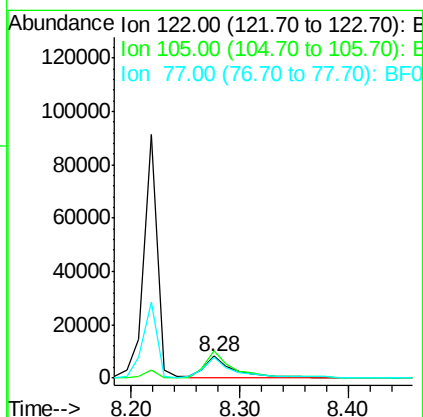
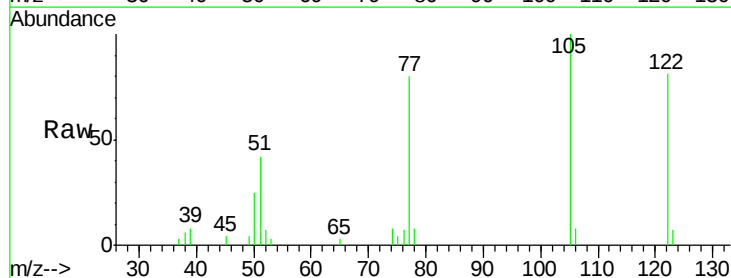
Instrument :
BNA_F
ClientSampleId :
PB84267BS

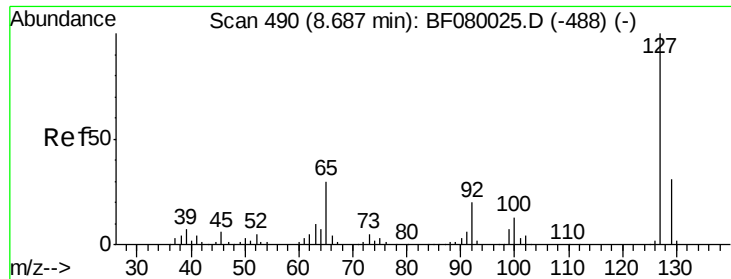
Tgt Ion:128 Resp: 249456
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 14.07 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:122 Resp: 15874
Ion Ratio Lower Upper
122 100
105 123.1 76.1 116.1#
77 98.7 40.5 80.5#

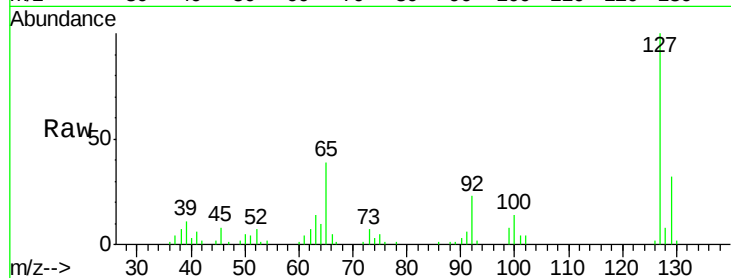




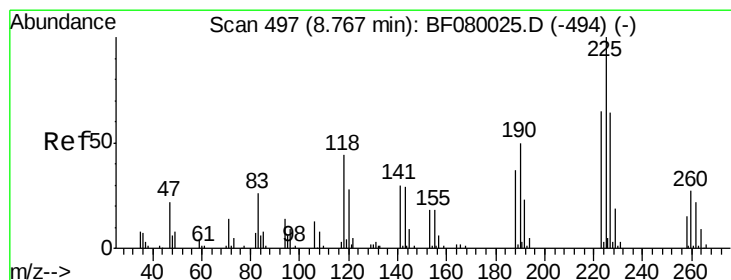
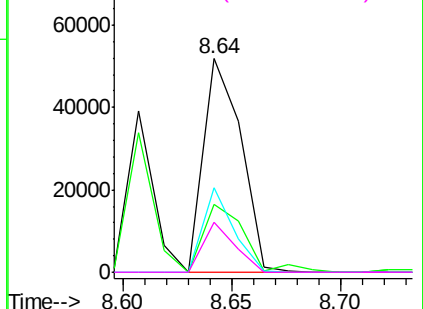
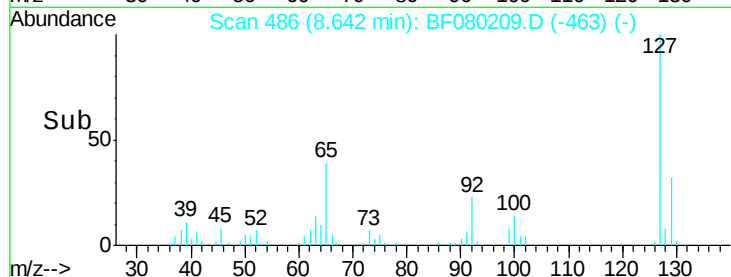
#33
 4-Chloroaniline
 Concen: 22.99 ng
 RT: 8.64 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:127 Resp: 62032
 Ion Ratio Lower Upper
 127 100
 129 32.0 25.8 38.6
 65 39.4 17.9 26.9#
 92 23.1 10.5 15.7#

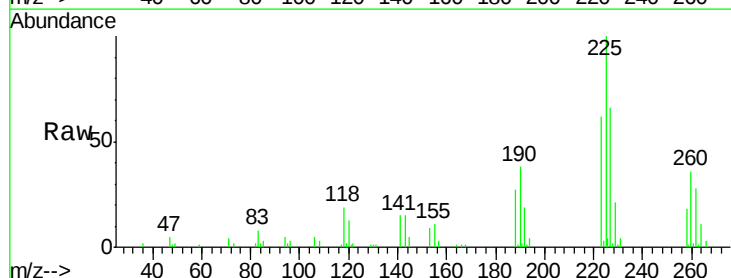


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

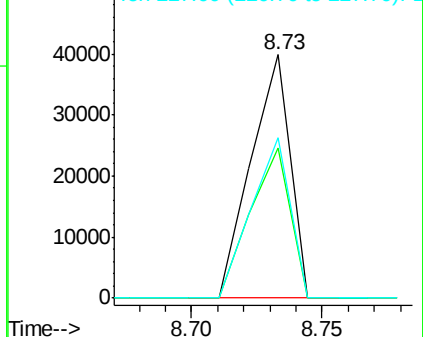
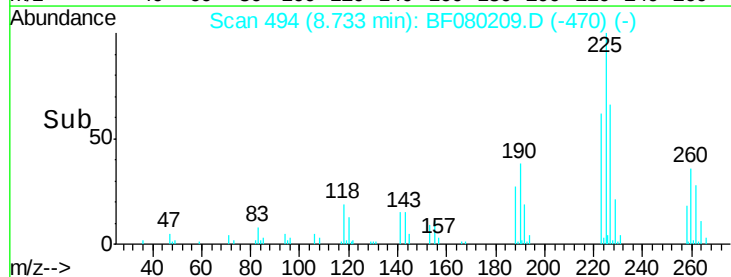


#34
 Hexachlorobutadiene
 Concen: 37.58 ng
 RT: 8.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:225 Resp: 41993
 Ion Ratio Lower Upper
 225 100
 223 61.8 50.2 75.2
 227 65.9 52.2 78.2



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

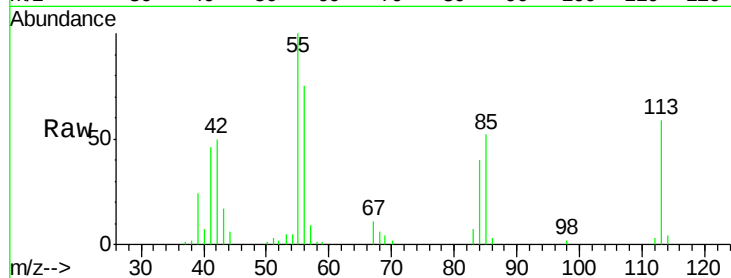




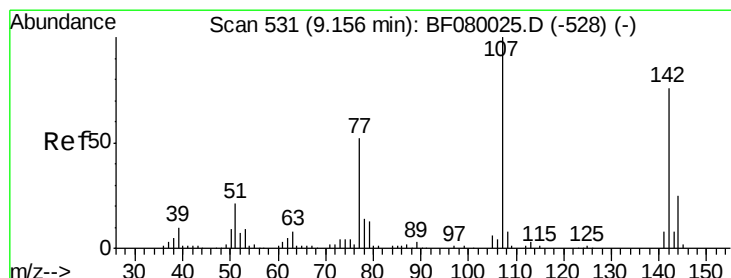
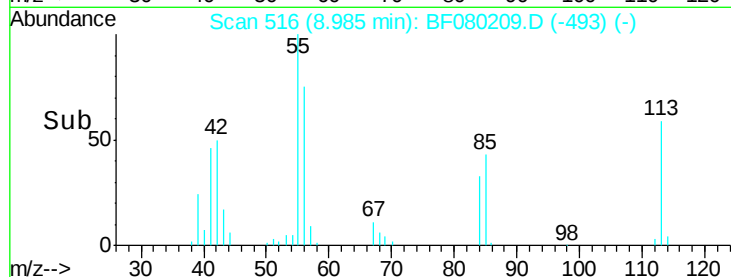
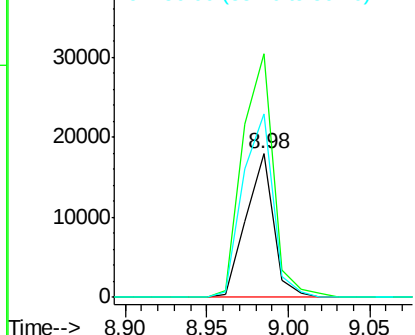
#35
 Caprolactam
 Concen: 40.23 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:113 Resp: 20865
 Ion Ratio Lower Upper
 113 100
 55 169.9 152.4 192.4
 56 128.1 104.6 144.6

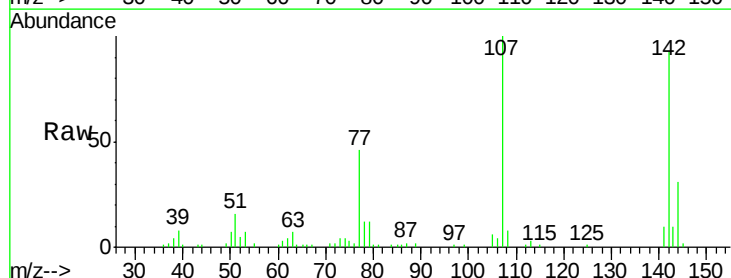


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

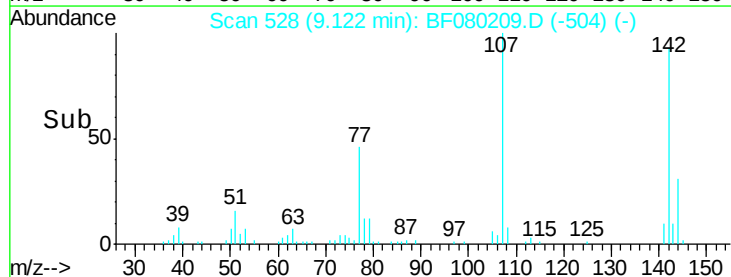
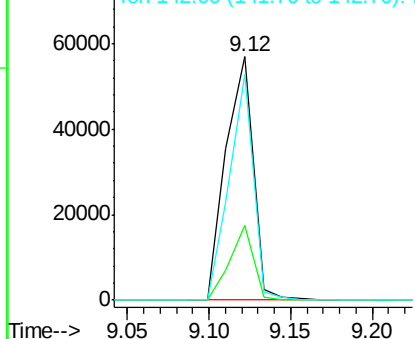


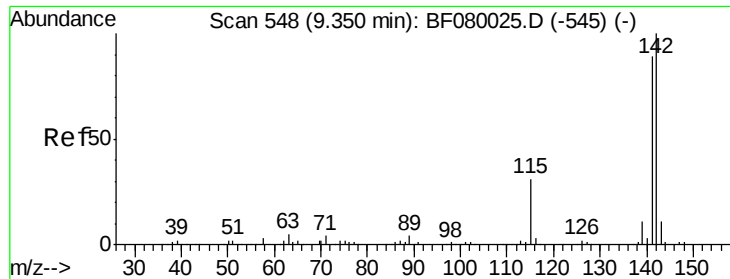
#36
 4-Chloro-3-methylphenol
 Concen: 36.44 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:107 Resp: 65672
 Ion Ratio Lower Upper
 107 100
 144 30.5 25.4 38.0
 142 92.9 77.3 115.9



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

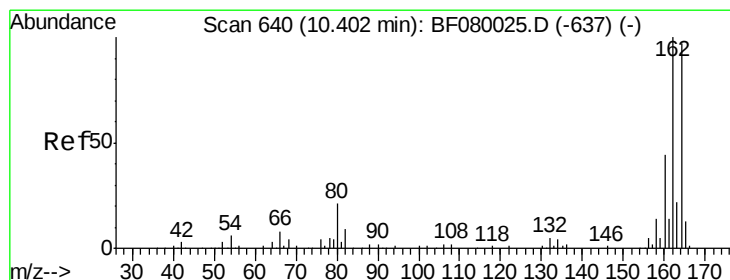
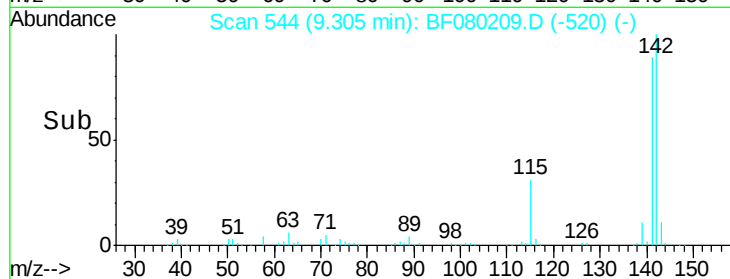
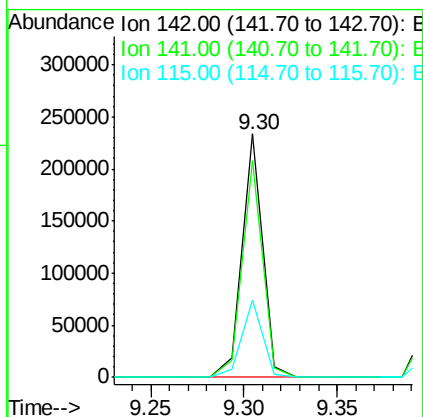
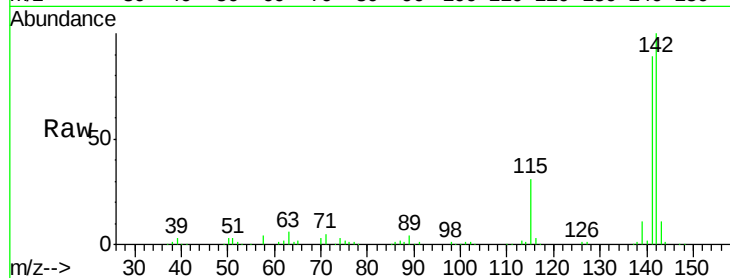




#37
 2-Methylnaphthalene
 Concen: 44.29 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

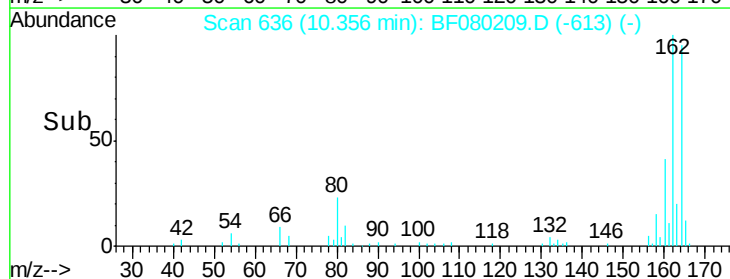
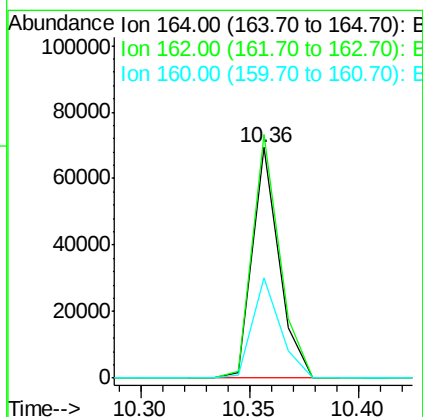
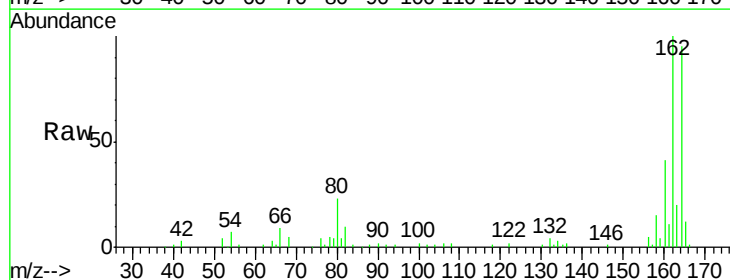
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

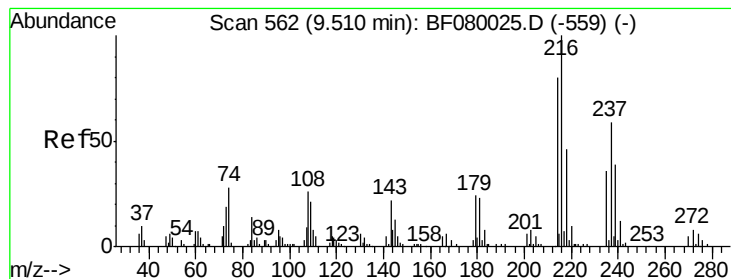
Tgt Ion:142 Resp: 180599
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.5 101.3
 115 31.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:164 Resp: 59179
 Ion Ratio Lower Upper
 164 100
 162 105.6 75.2 112.8
 160 43.4 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.19 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

Tgt Ion:216 Resp: 79545

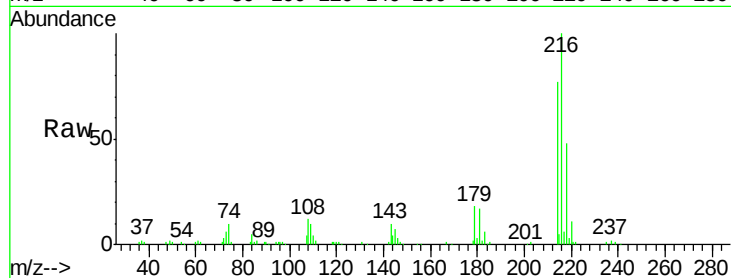
Ion Ratio Lower Upper

216 100

214 77.5 63.5 95.3

179 19.7 16.6 24.8

108 18.4 16.3 24.5

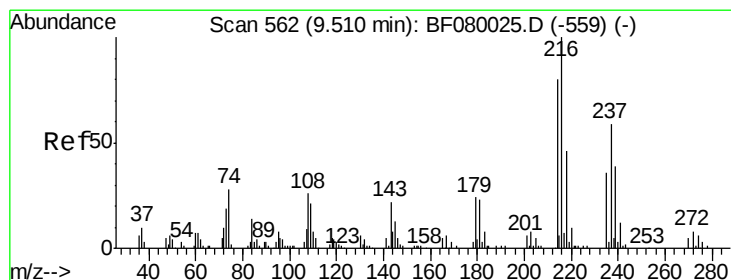
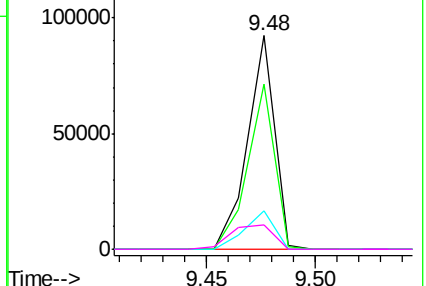
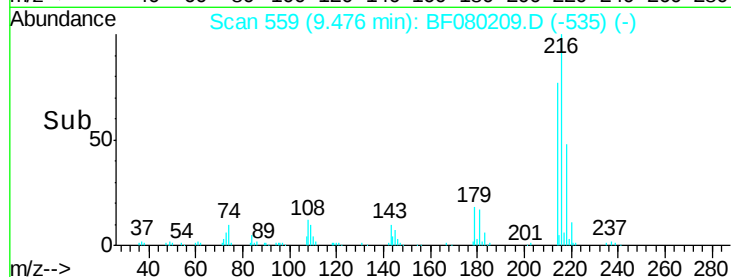


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.84 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

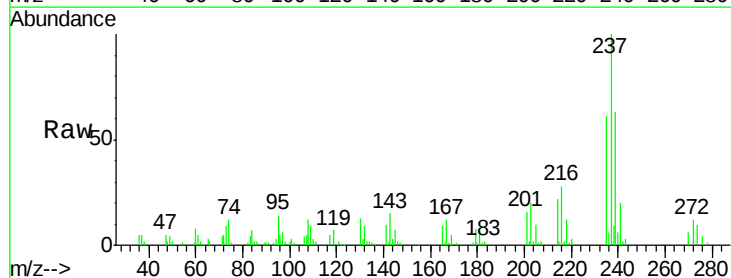
Tgt Ion:237 Resp: 61125

Ion Ratio Lower Upper

237 100

235 61.1 42.0 82.0

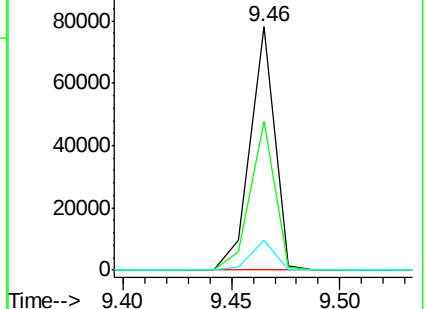
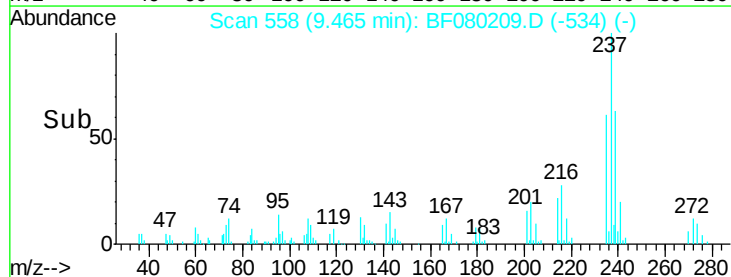
272 12.1 0.0 36.1



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

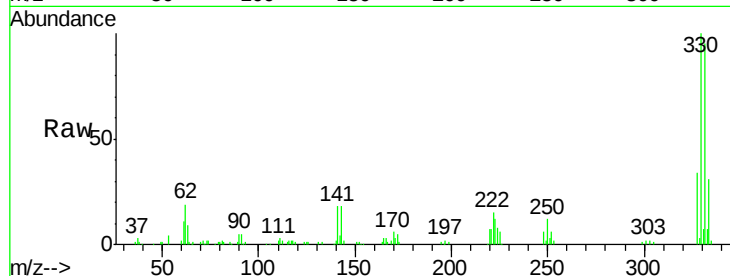




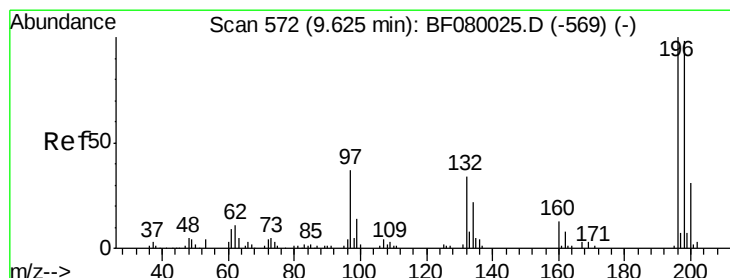
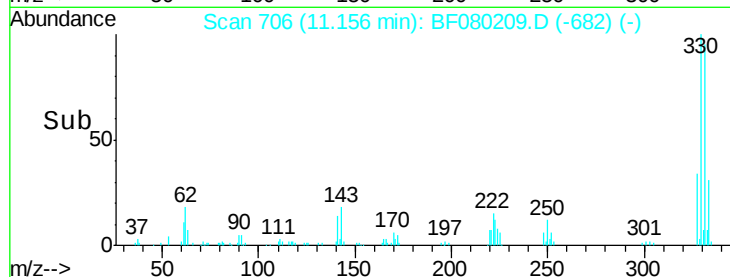
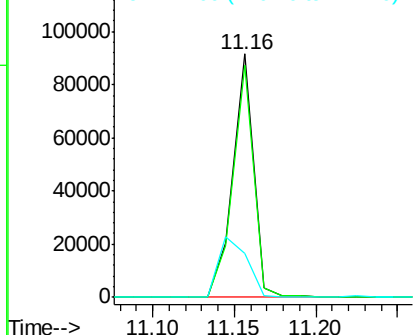
#41
 2,4,6-Tribromophenol
 Concen: 138.48 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:330 Resp: 80138
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 34.3 29.7 44.5

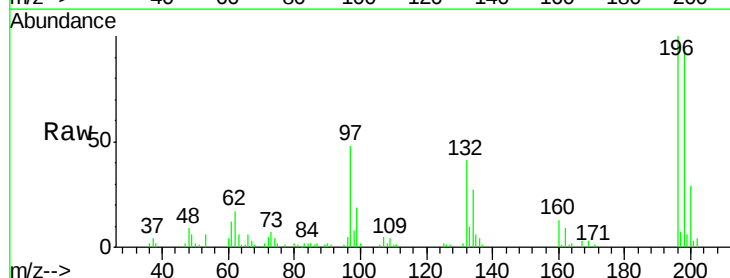


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

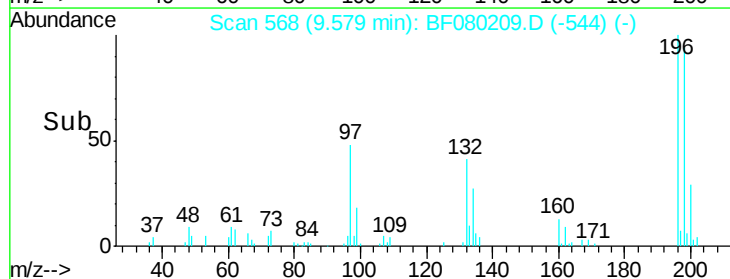
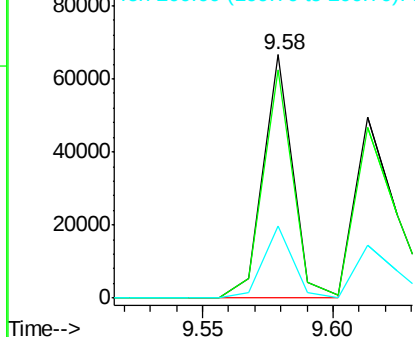


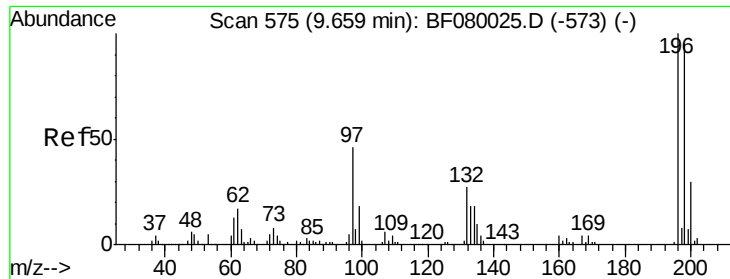
#42
 2,4,6-Trichlorophenol
 Concen: 45.24 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:196 Resp: 53010
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.5 23.9 35.9



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

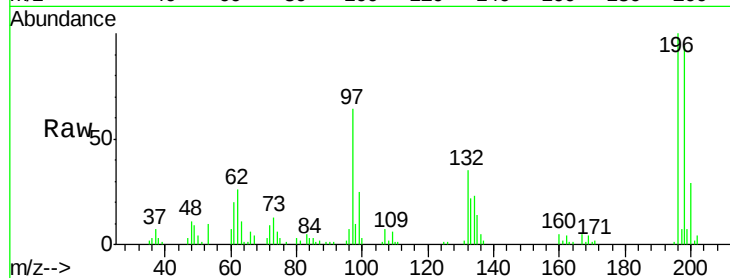




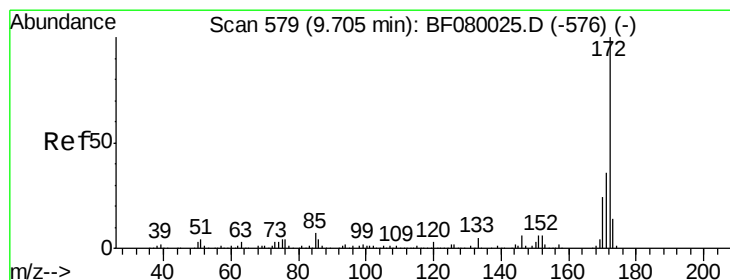
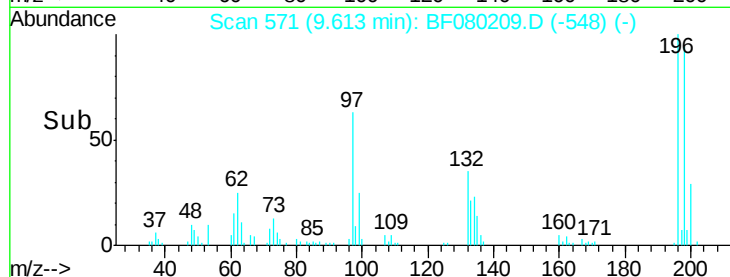
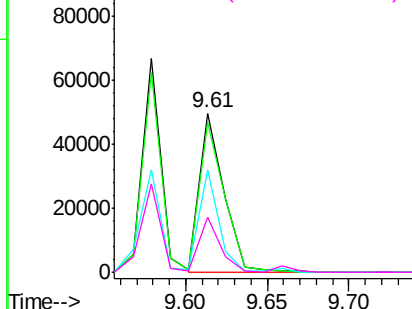
#43
 2,4,5-Trichlorophenol
 Concen: 38.29 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:196 Resp: 51690
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 97 64.3 33.3 49.9#
 132 34.8 24.6 37.0

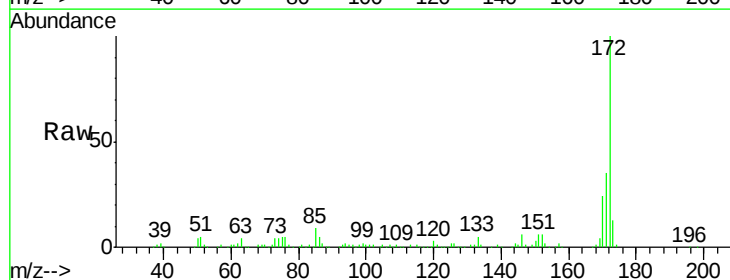


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

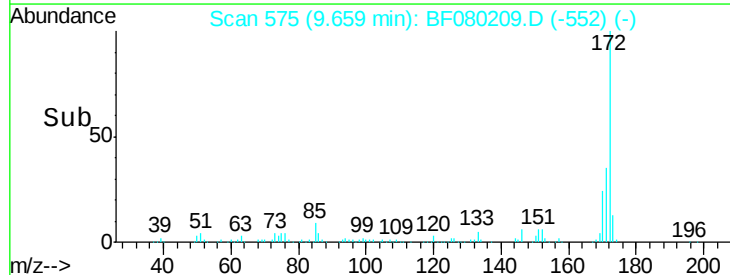
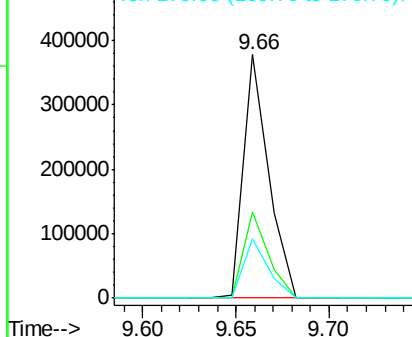


#44
 2-Fluorobiphenyl
 Concen: 85.04 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:172 Resp: 352898
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 24.2 17.4 26.2



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

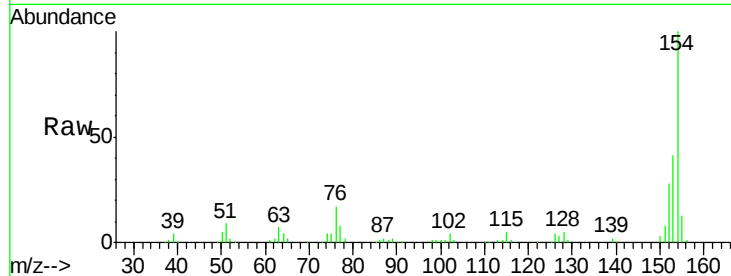




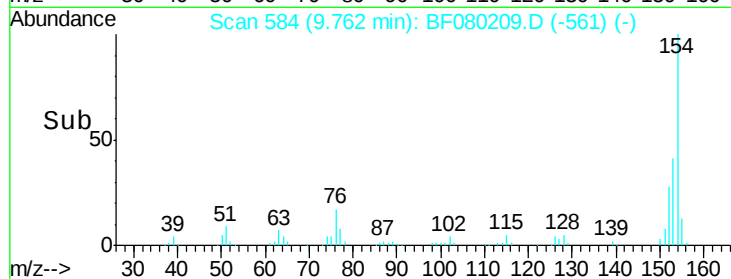
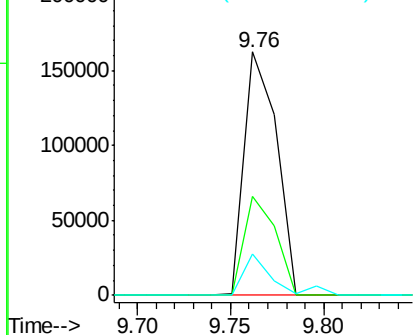
#45
 1,1'-Biphenyl
 Concen: 40.47 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:154 Resp: 194875
 Ion Ratio Lower Upper
 154 100
 153 40.6 17.1 57.1
 76 16.9 0.0 31.6

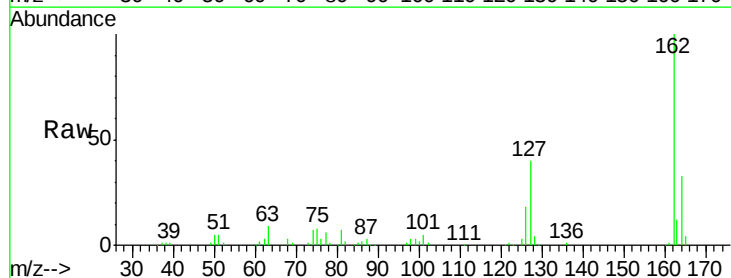


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

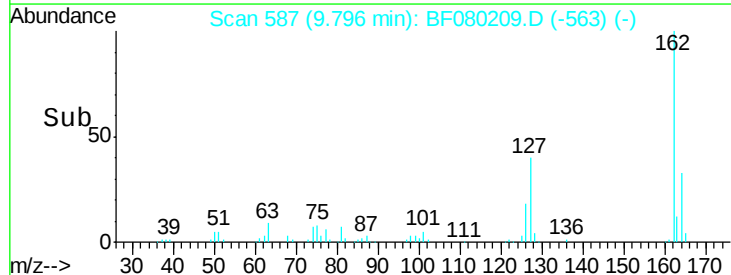
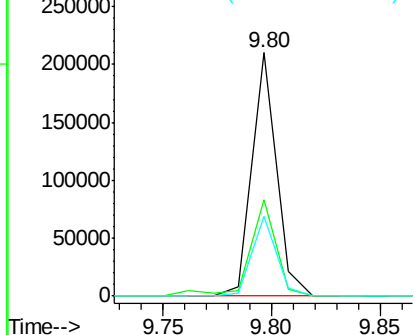


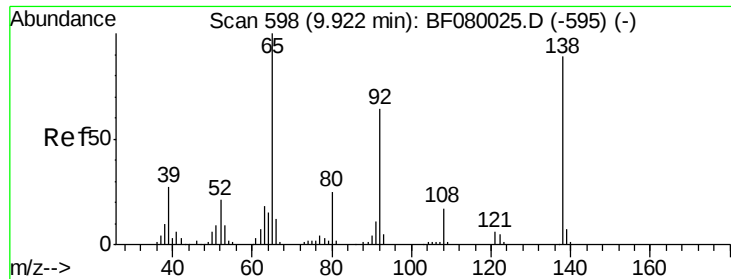
#46
 2-Chloronaphthalene
 Concen: 42.20 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:162 Resp: 164870
 Ion Ratio Lower Upper
 162 100
 127 39.8 27.6 41.4
 164 32.6 25.4 38.2



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

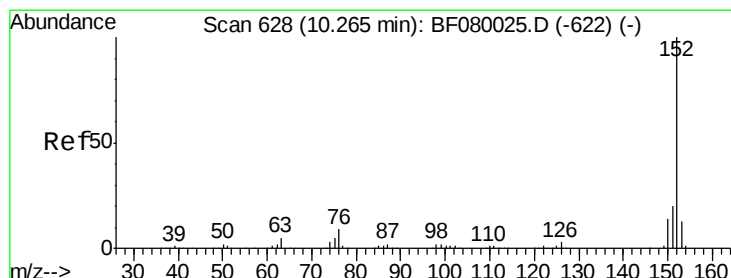
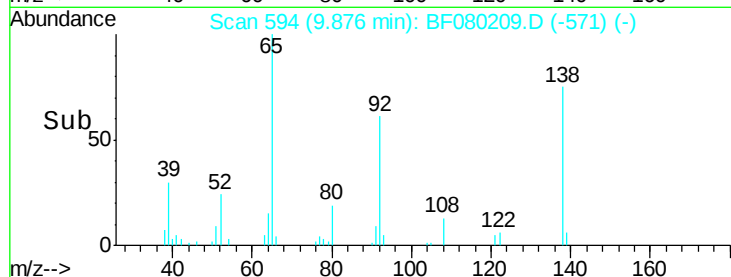
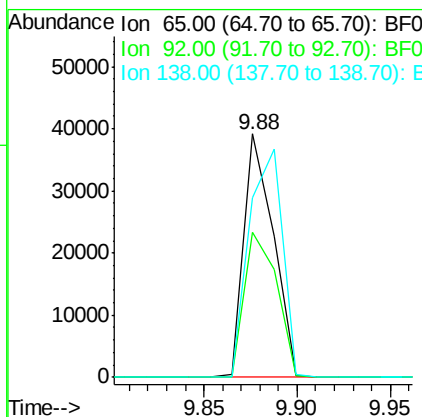
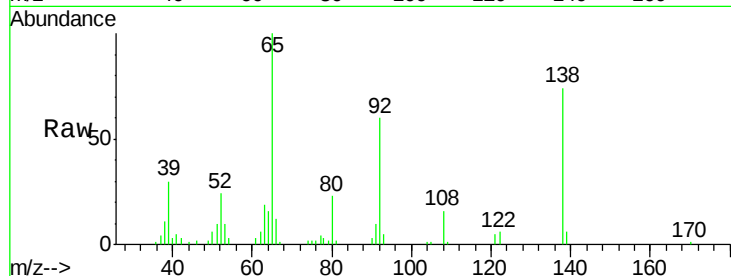




#47
 2-Nitroaniline
 Concen: 40.13 ng
 RT: 9.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

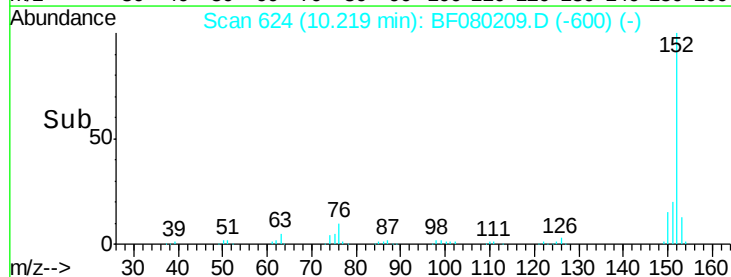
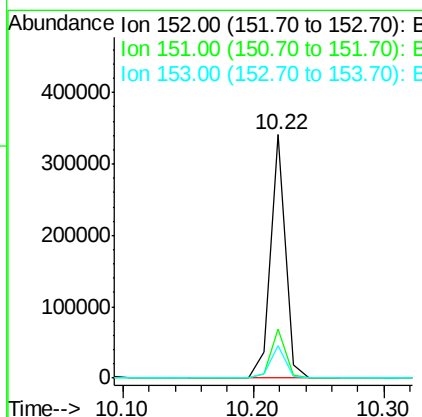
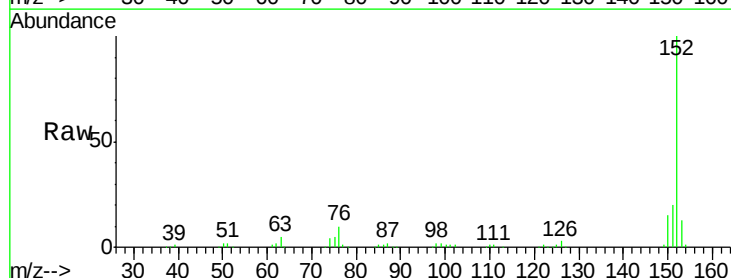
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

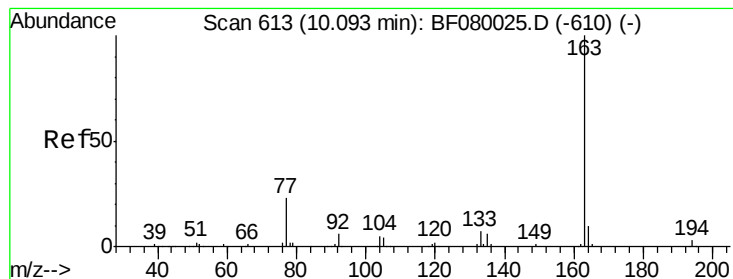
Tgt Ion: 65 Resp: 43033
 Ion Ratio Lower Upper
 65 100
 92 59.8 55.4 83.0
 138 73.7 115.5 173.3#



#48
 Acenaphthylene
 Concen: 41.67 ng
 RT: 10.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion: 152 Resp: 271689
 Ion Ratio Lower Upper
 152 100
 151 20.0 14.6 22.0
 153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 39.58 ng

RT: 10.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

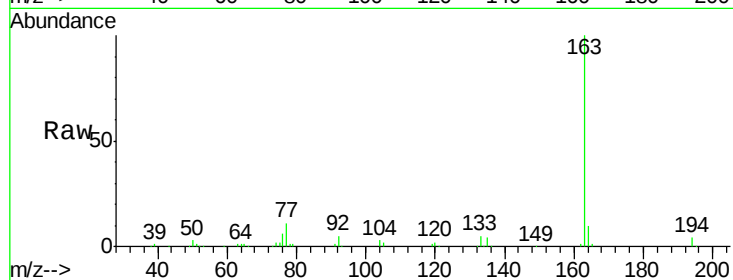
Tgt Ion:163 Resp: 176115

Ion Ratio Lower Upper

163 100

194 4.1 4.4 6.6#

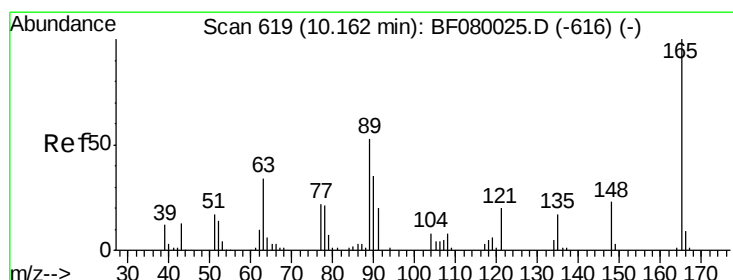
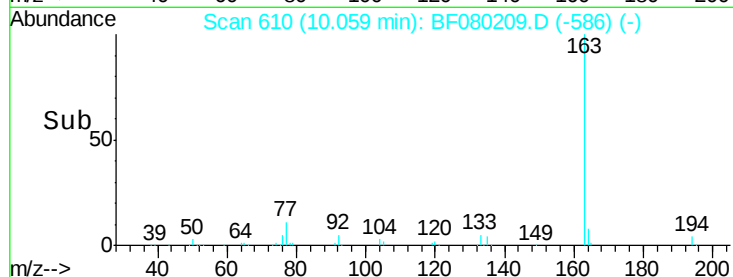
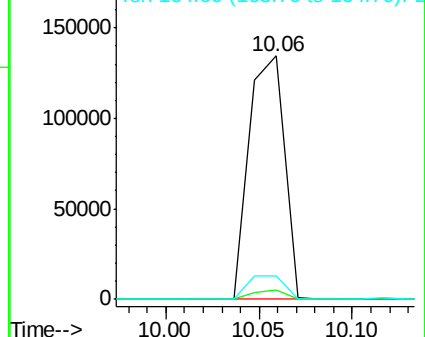
164 9.5 8.3 12.5



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: 41.93 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

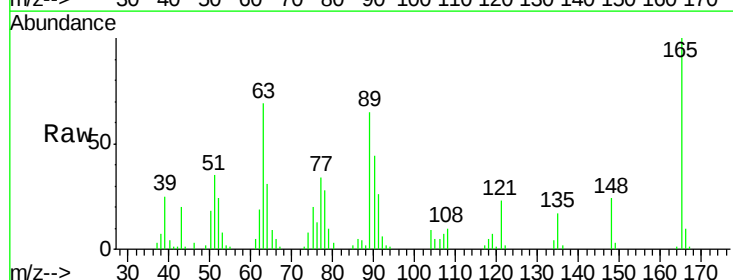
Tgt Ion:165 Resp: 37401

Ion Ratio Lower Upper

165 100

63 68.7 32.3 48.5#

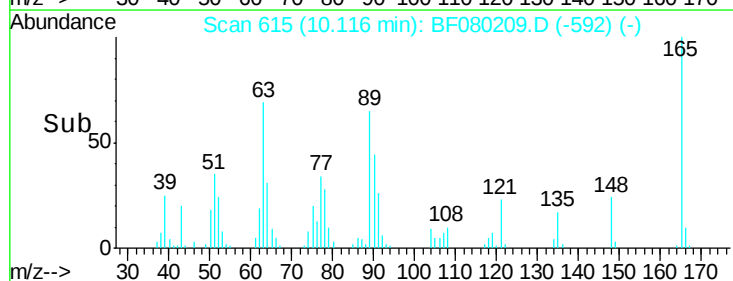
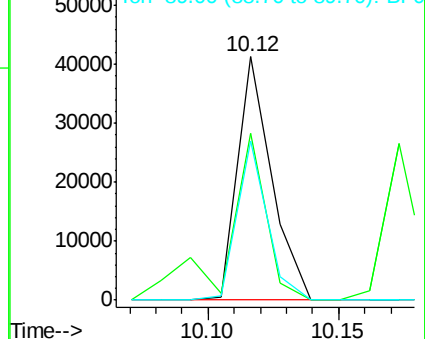
89 65.2 28.6 43.0#

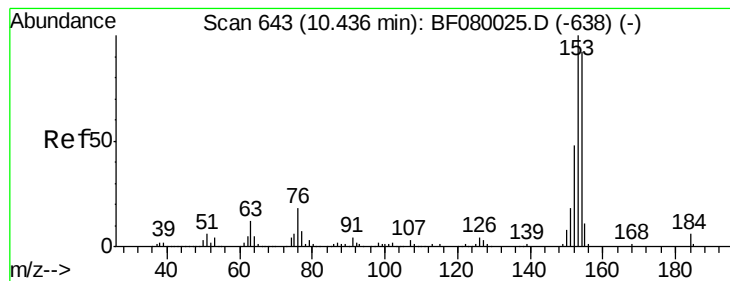


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.35 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

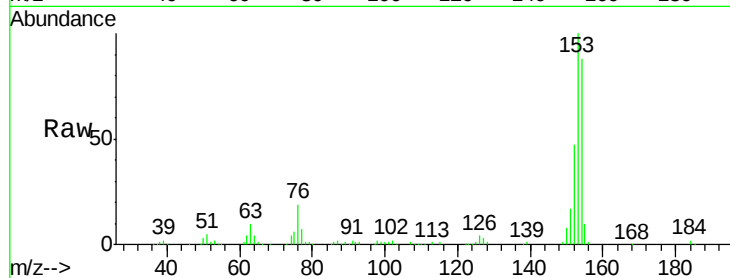
Tgt Ion:154 Resp: 168919

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

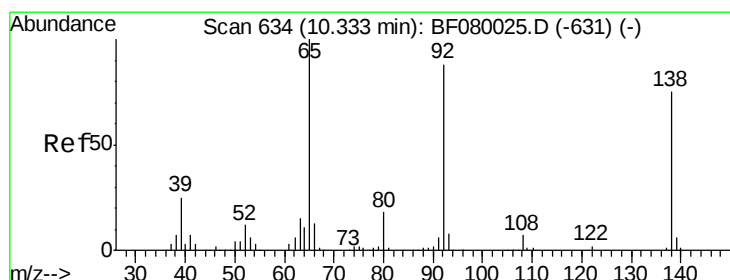
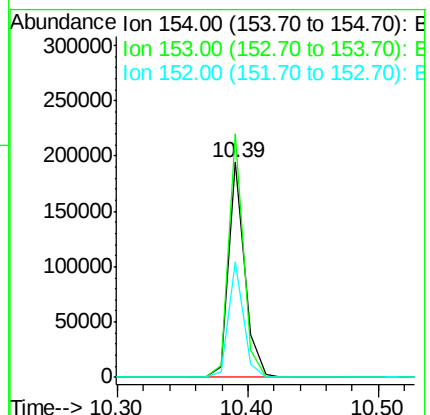
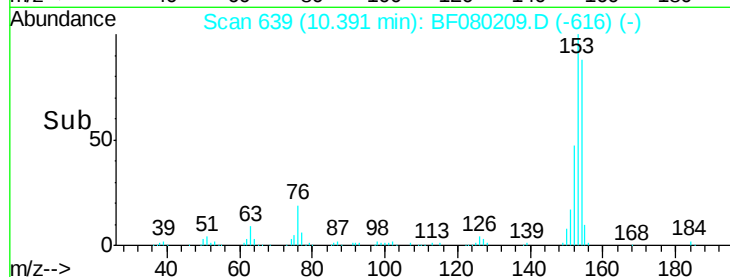
152 53.6 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.55 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

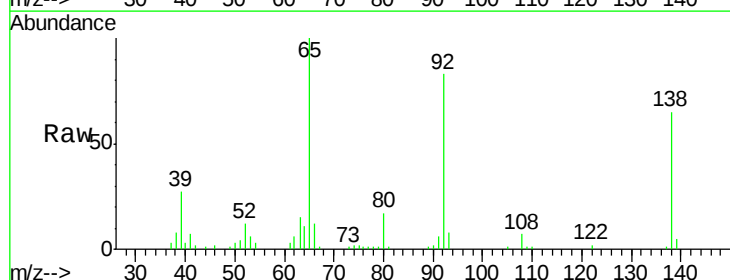
Tgt Ion:138 Resp: 35560

Ion Ratio Lower Upper

138 100

108 11.0 5.7 8.5#

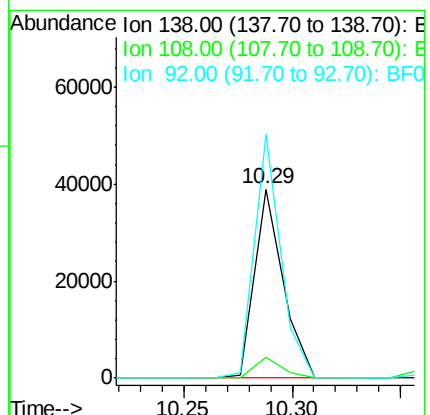
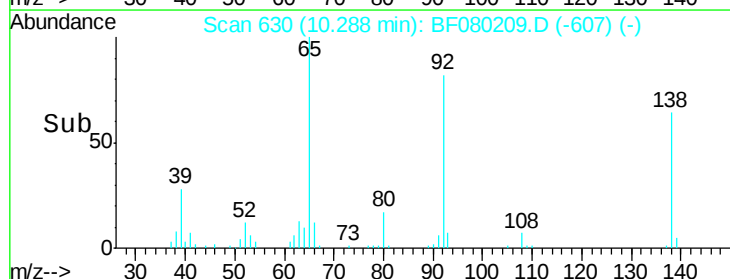
92 128.8 67.7 101.5#

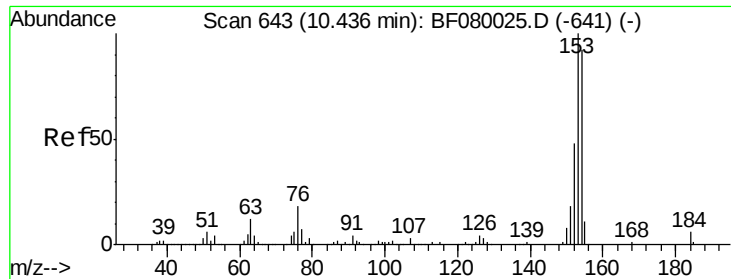


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

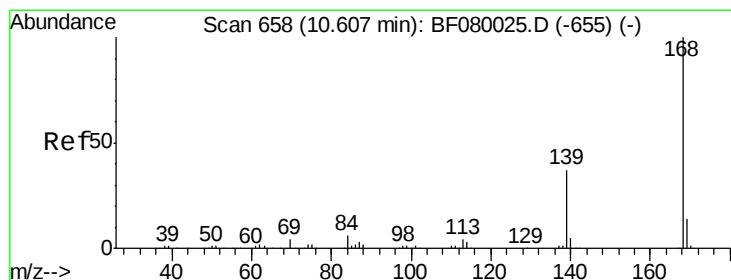
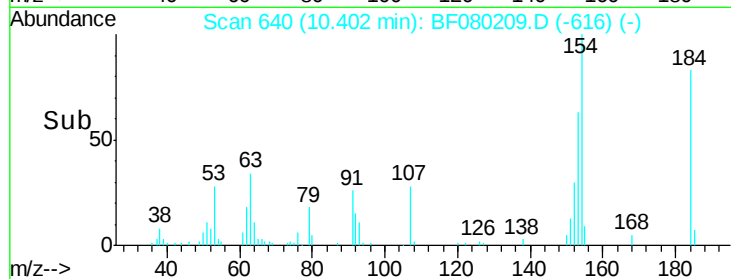
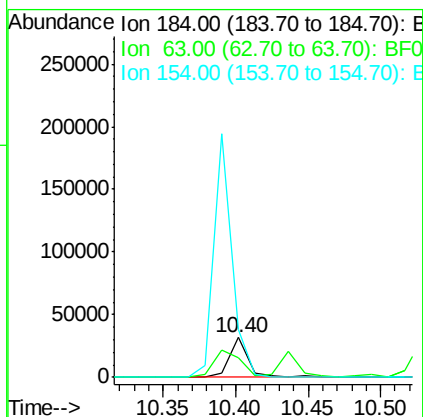
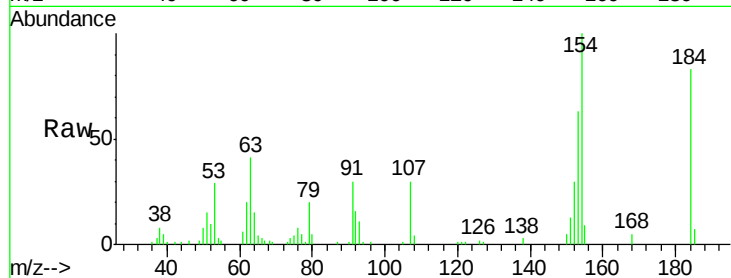




#53
 2,4-Dinitrophenol
 Concen: 77.79 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

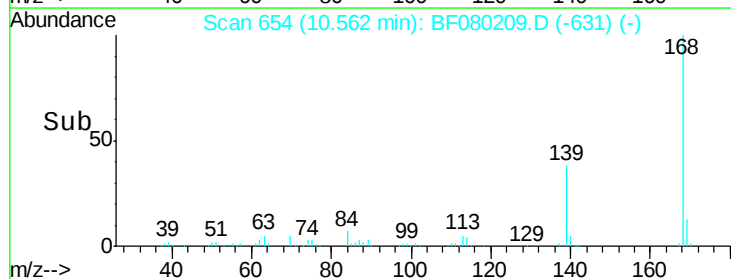
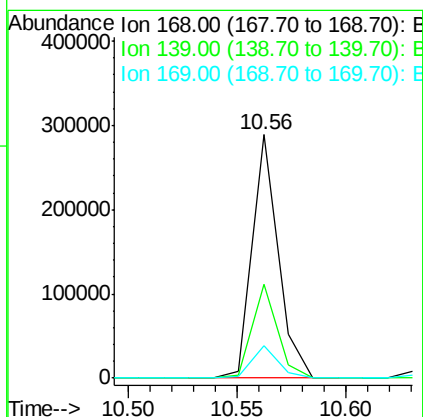
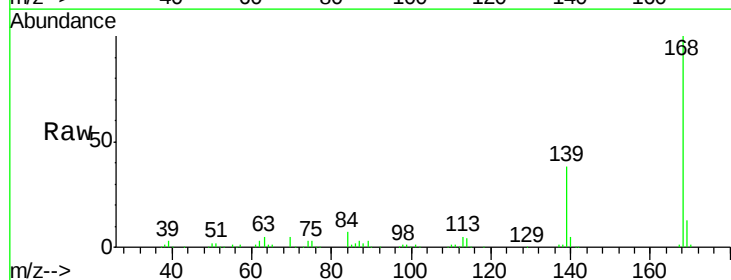
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:184 Resp: 28176
 Ion Ratio Lower Upper
 184 100
 63 49.4 35.4 53.2
 154 120.6 32.2 48.4#



#54
 Dibenzofuran
 Concen: 42.32 ng
 RT: 10.56 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:168 Resp: 239538
 Ion Ratio Lower Upper
 168 100
 139 38.3 24.2 36.2#
 169 13.1 10.6 15.8

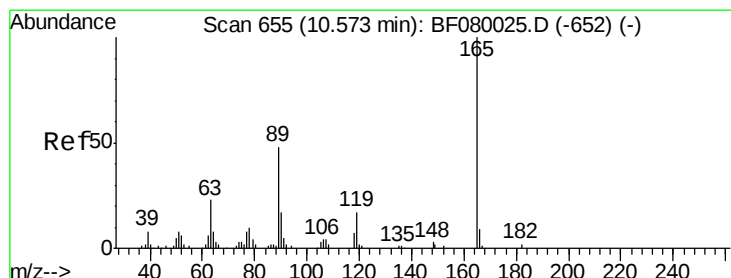
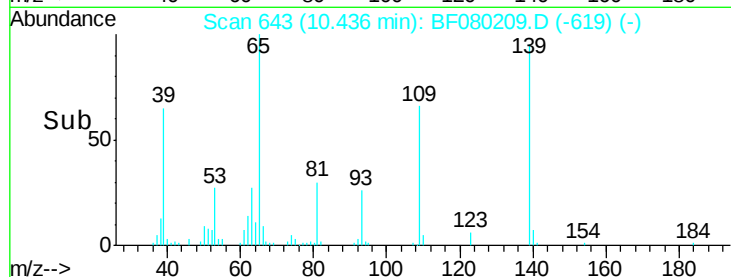
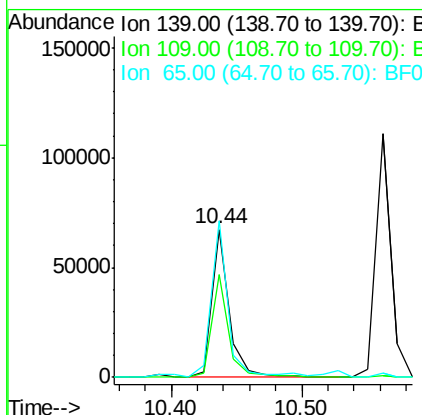
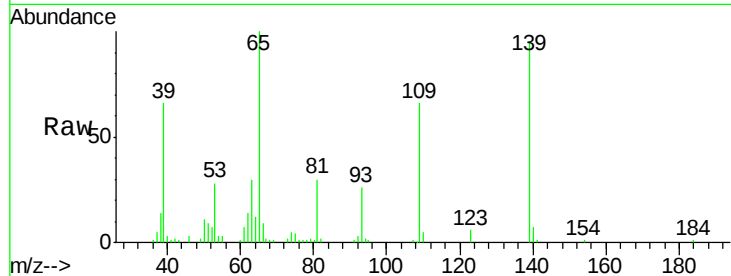




#55
4-Nitrophenol
Concen: 77.58 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

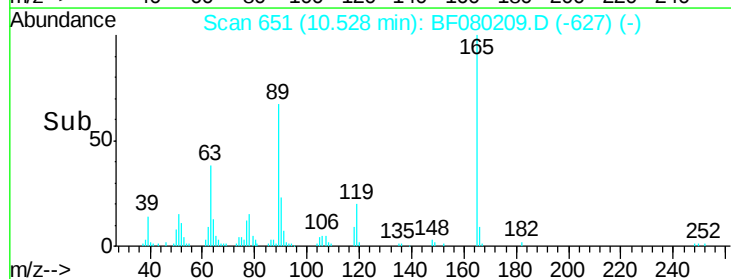
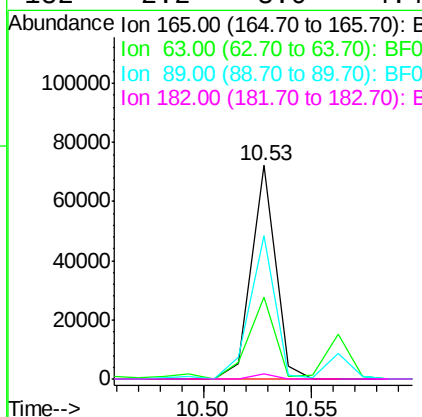
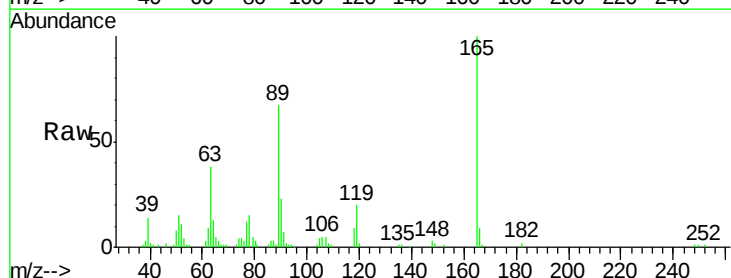
Instrument :
BNA_F
ClientSampled :
PB84267BS

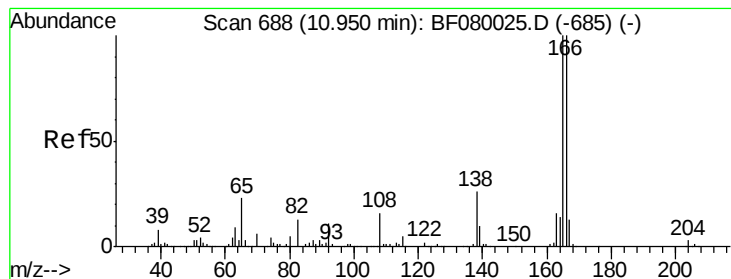
Tgt Ion:139 Resp: 63812
Ion Ratio Lower Upper
139 100
109 69.5 12.7 52.7#
65 105.4 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 49.34 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:165 Resp: 55850
Ion Ratio Lower Upper
165 100
63 38.4 29.8 44.6
89 67.3 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 40.01 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

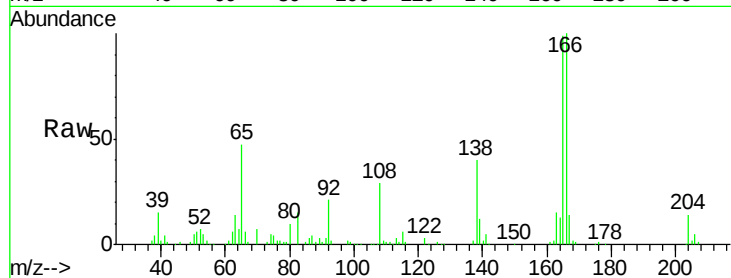
Tgt Ion:166 Resp: 179710

Ion Ratio Lower Upper

166 100

165 98.9 72.6 109.0

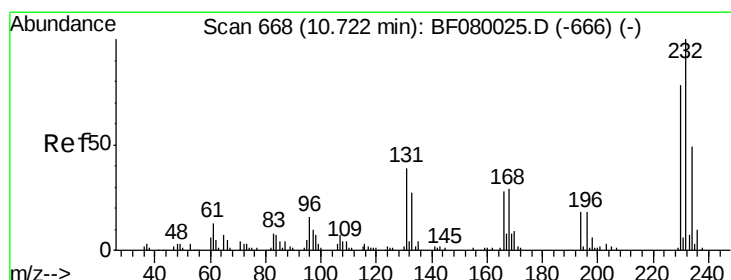
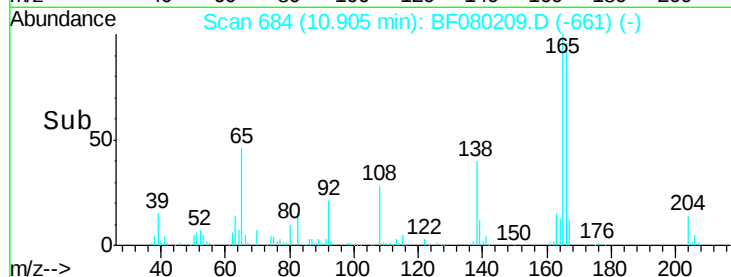
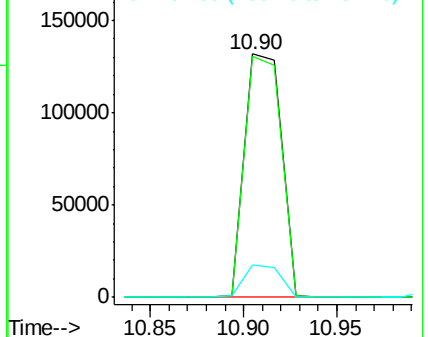
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.46 ng

RT: 10.64 min Scan# 661

Delta R.T. -0.07 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Tgt Ion:232 Resp: 41553

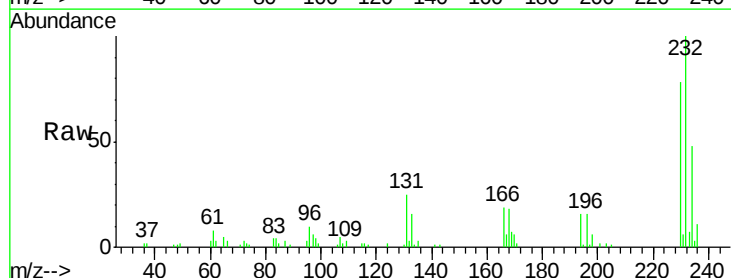
Ion Ratio Lower Upper

232 100

131 39.8 38.5 57.7

130 1.9 1.8 2.6

166 25.7 25.0 37.6

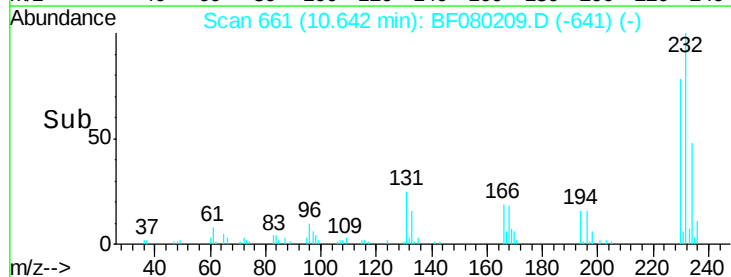
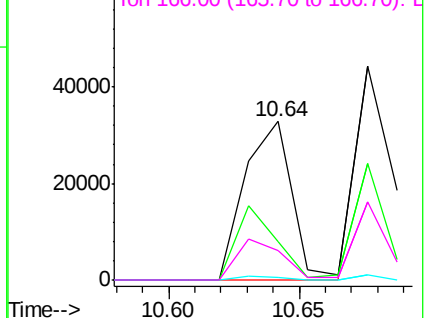


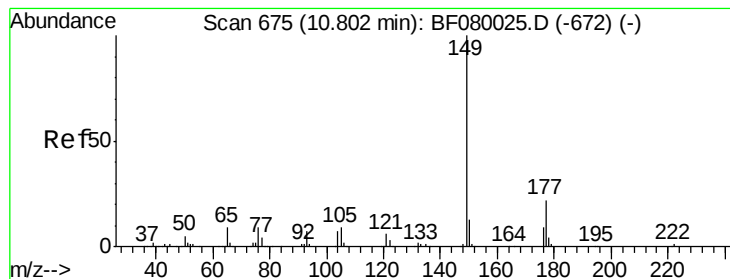
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.11 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

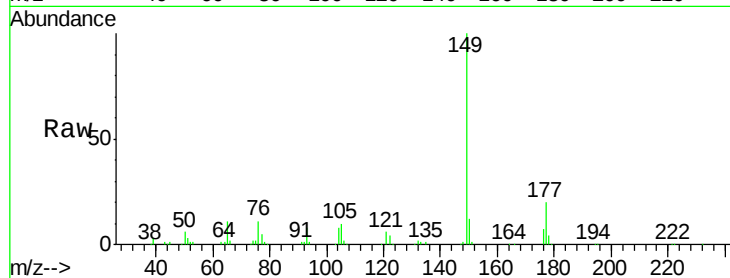
Tgt Ion:149 Resp: 179693

Ion Ratio Lower Upper

149 100

177 20.0 17.5 26.3

150 12.3 9.4 14.2

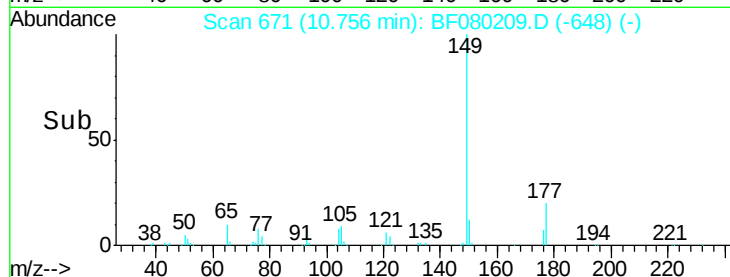


Abundance Ion 149.00 (148.70 to 149.70): E

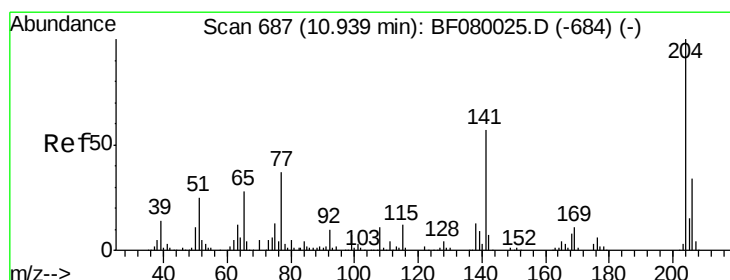
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



Time-->



#60

4-Chlorophenyl-phenylether

Concen: 42.04 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

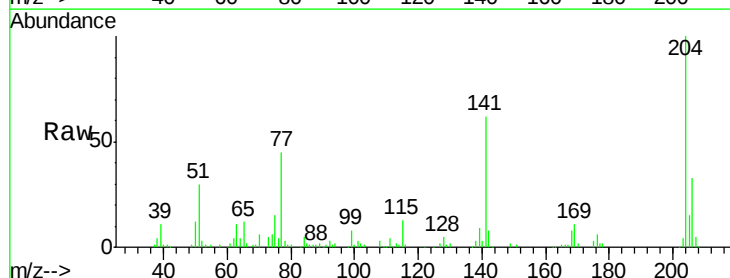
Tgt Ion:204 Resp: 90738

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

141 61.9 42.2 63.4

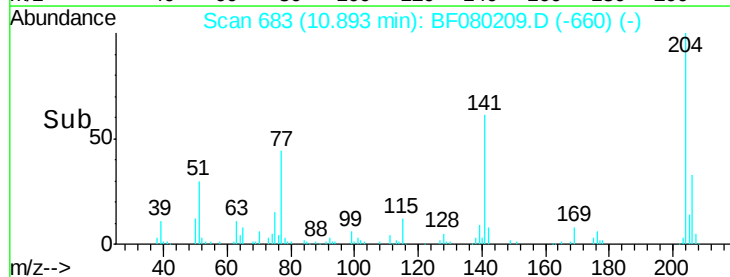


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



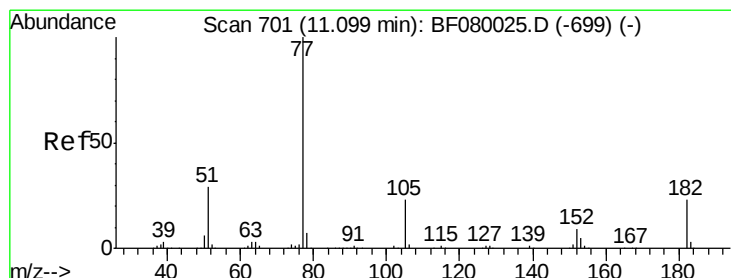
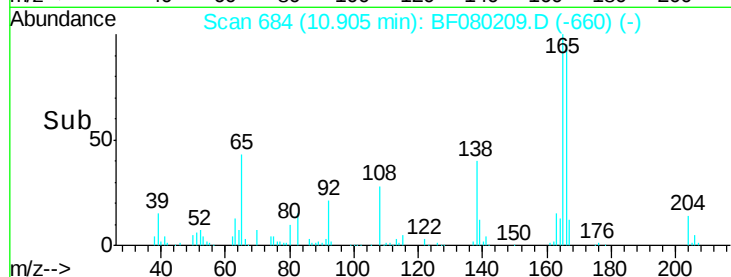
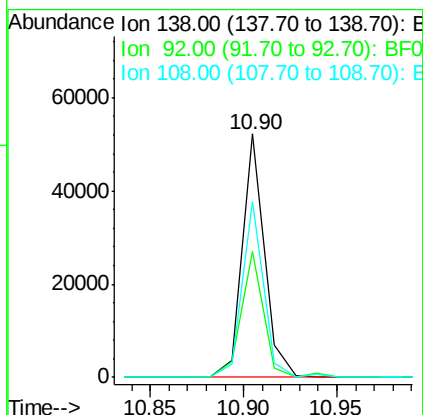
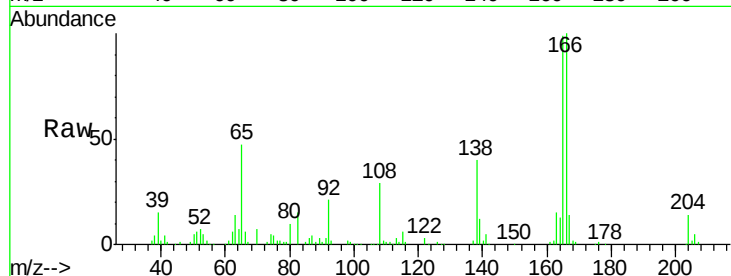
Time-->



#61
4-Nitroaniline
Concen: 40.65 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

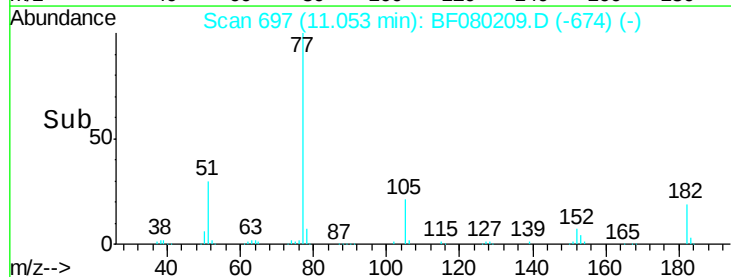
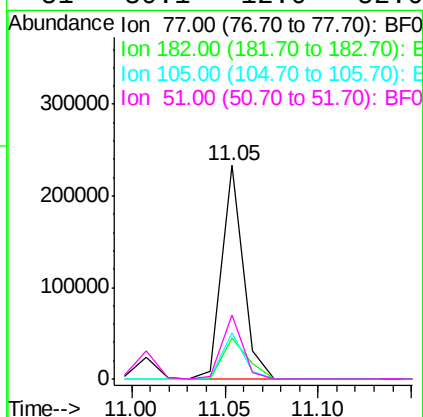
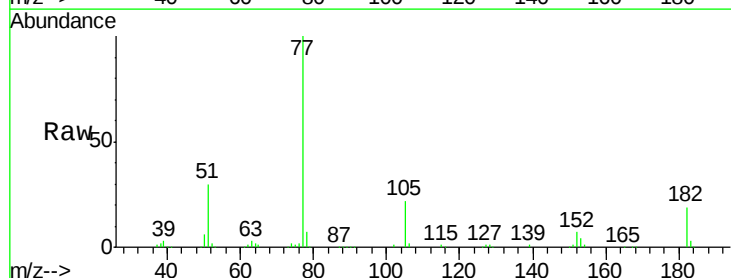
Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion:138 Resp: 43200
Ion Ratio Lower Upper
138 100
92 51.8 12.6 52.6
108 72.2 12.4 52.4#



#62
Azobenzene
Concen: 41.18 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion: 77 Resp: 187788
Ion Ratio Lower Upper
77 100
182 19.1 15.1 55.1
105 21.5 3.4 43.4
51 30.1 12.0 52.0

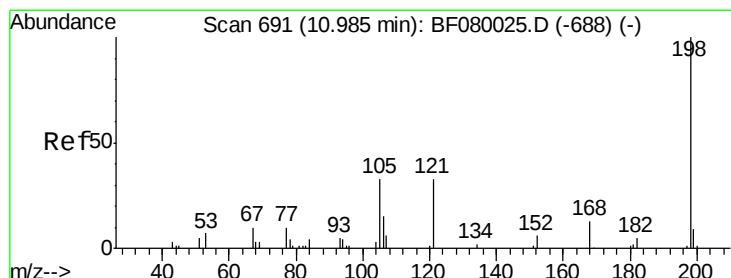
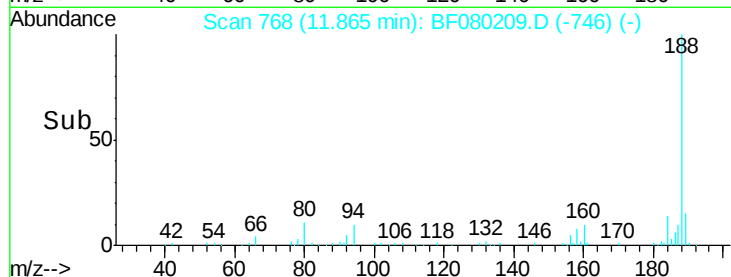
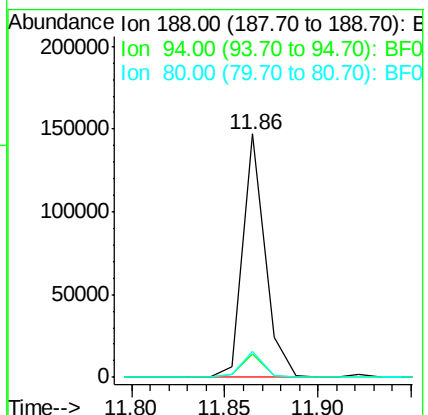
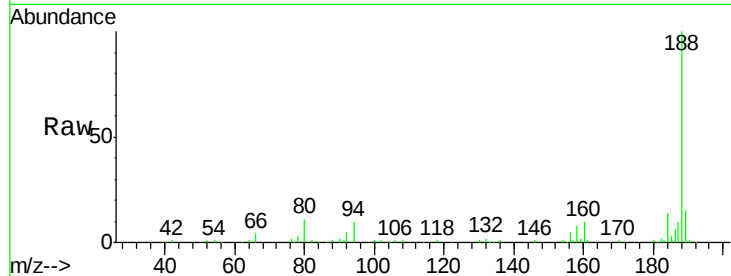




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

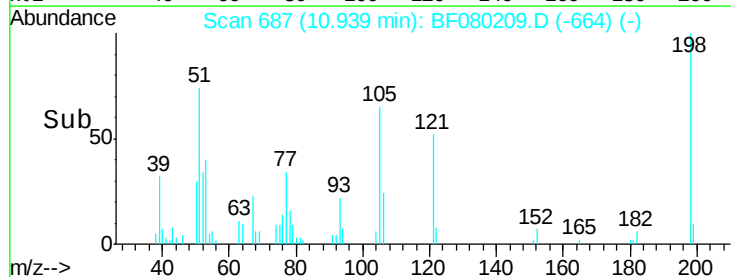
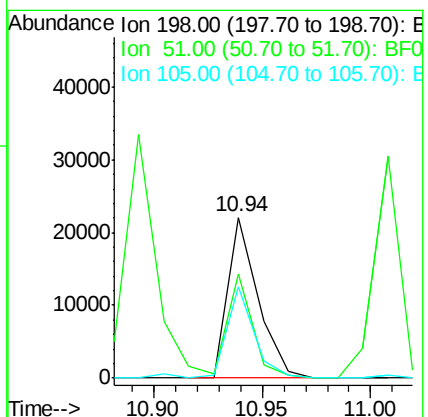
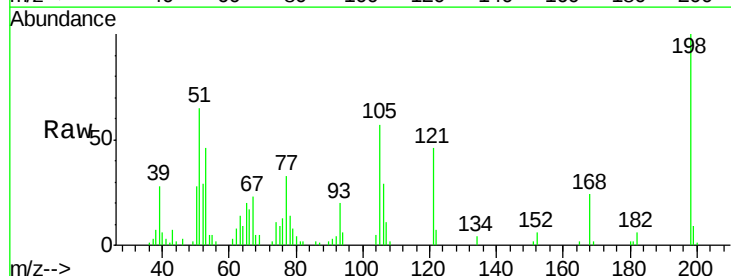
Instrument :
BNA_F
ClientSampleId :
PB84267BS

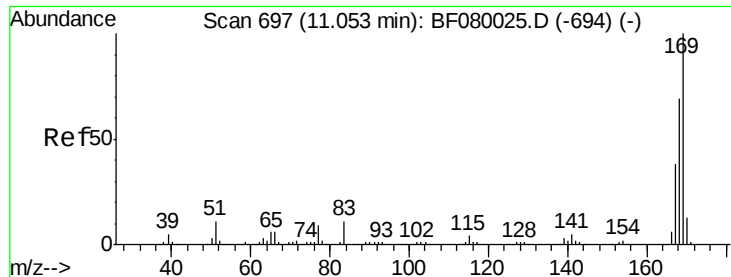
Tgt Ion:188 Resp: 122756
Ion Ratio Lower Upper
188 100
94 9.5 11.1 16.7#
80 10.8 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 37.37 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:198 Resp: 21083
Ion Ratio Lower Upper
198 100
51 64.5 39.6 79.6
105 57.0 28.5 68.5

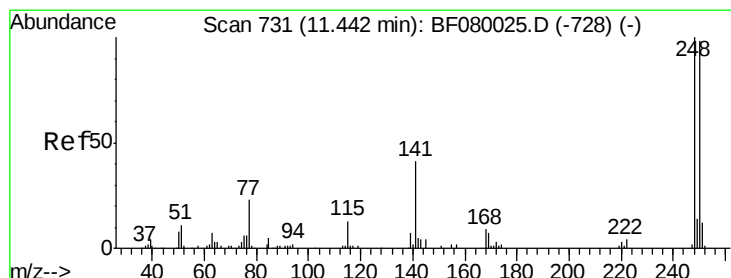
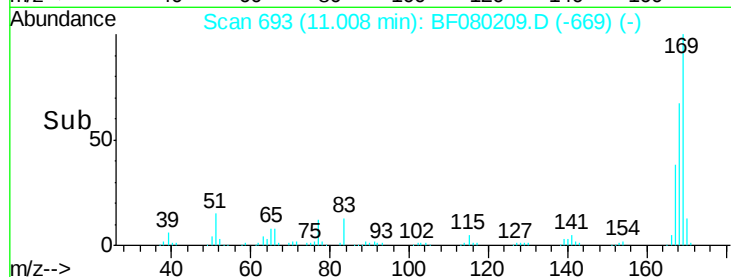
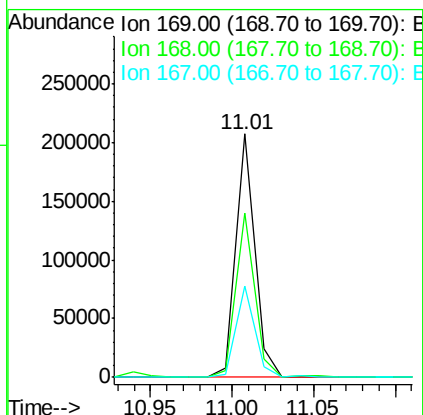
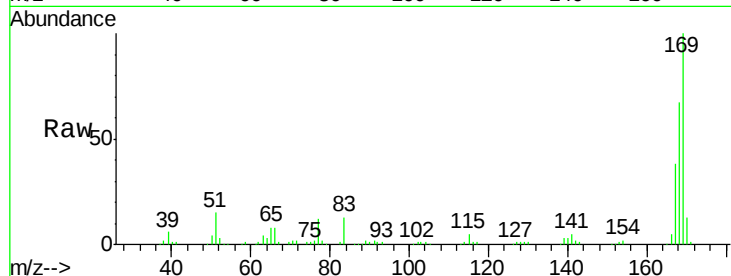




#65
 n-Nitrosodiphenylamine
 Concen: 41.22 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

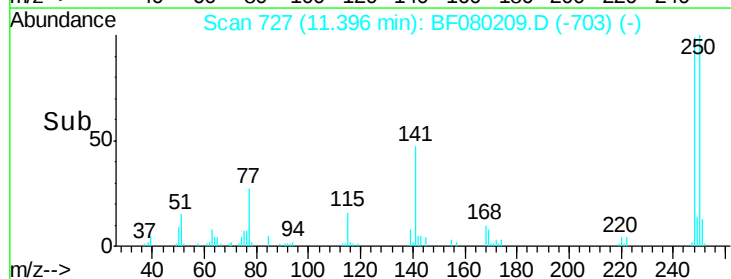
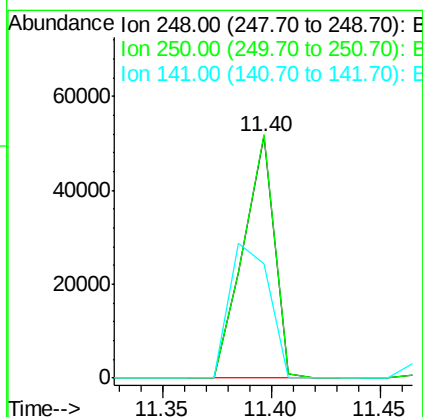
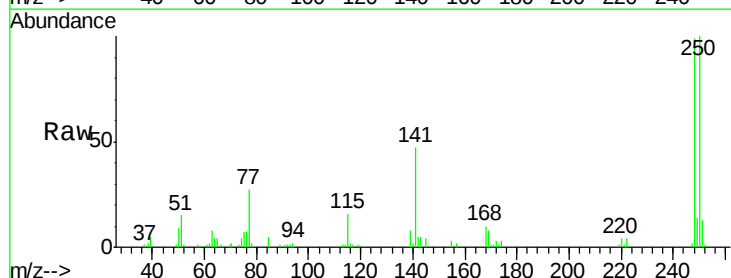
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

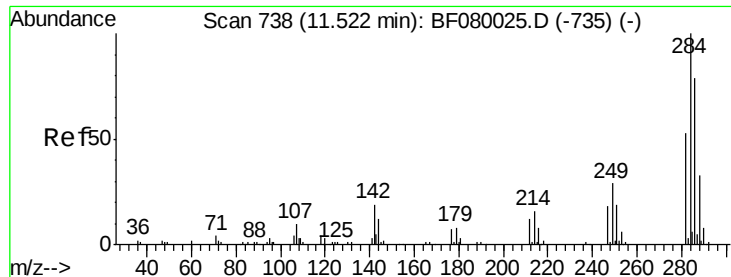
Tgt Ion:169 Resp: 164762
 Ion Ratio Lower Upper
 169 100
 168 67.3 48.9 73.3
 167 37.6 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 39.43 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:248 Resp: 51464
 Ion Ratio Lower Upper
 248 100
 250 100.6 78.5 117.7
 141 47.4 59.0 88.6#

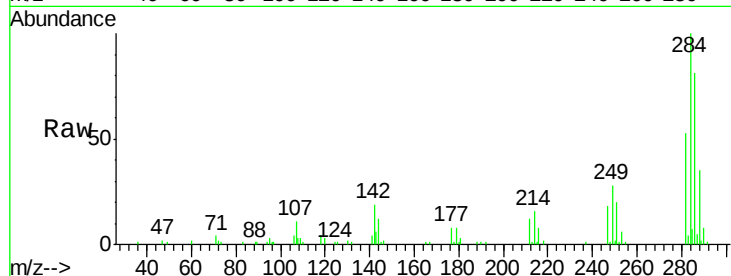




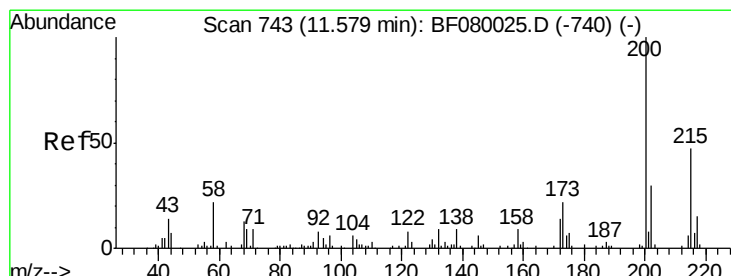
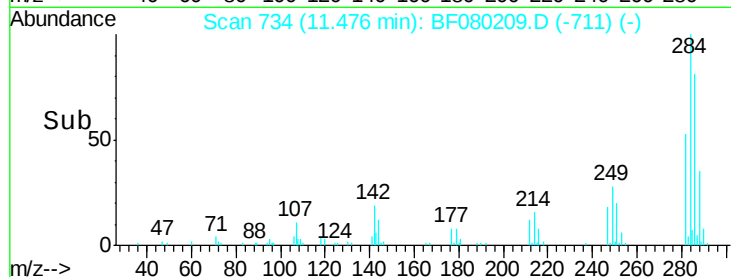
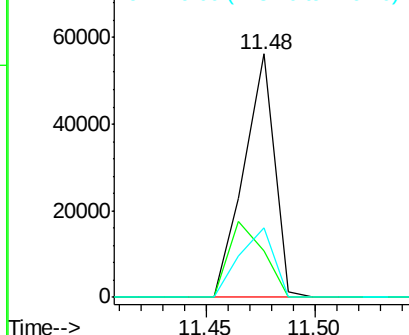
#67
Hexachlorobenzene
Concen: 37.96 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion:284 Resp: 55066
Ion Ratio Lower Upper
284 100
142 19.2 29.5 44.3#
249 28.3 19.5 29.3

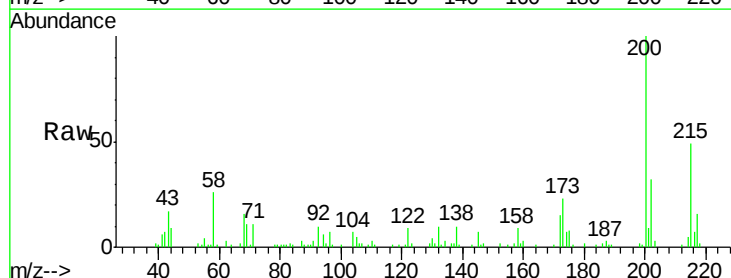


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

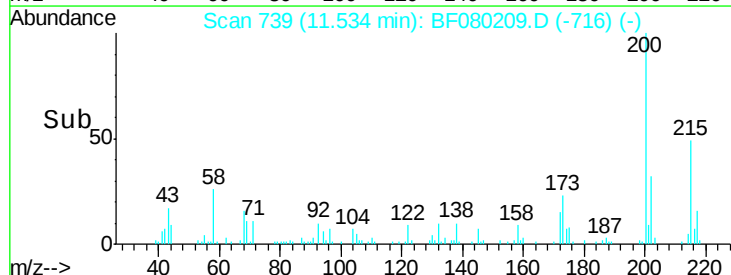
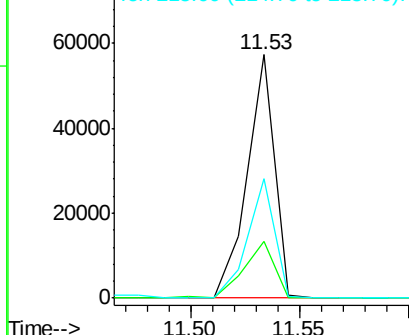


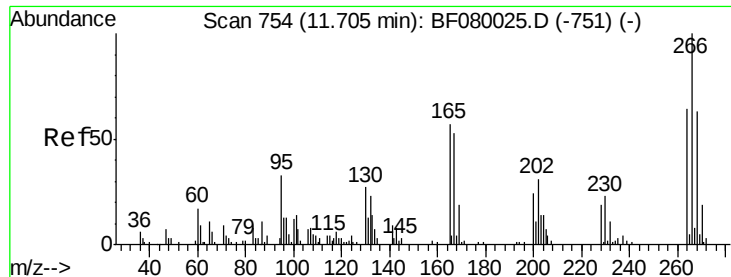
#68
Atrazine
Concen: 39.49 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:200 Resp: 49871
Ion Ratio Lower Upper
200 100
173 23.4 13.2 53.2
215 49.3 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

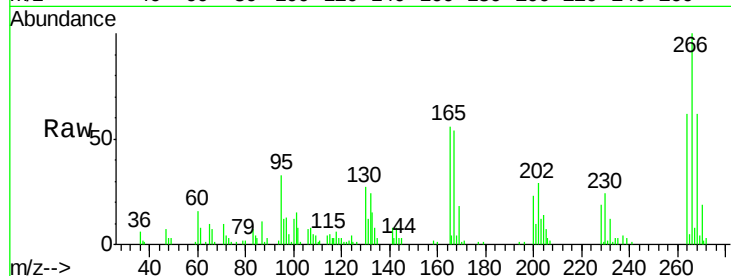




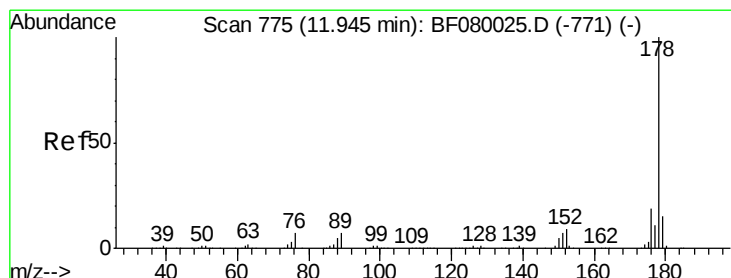
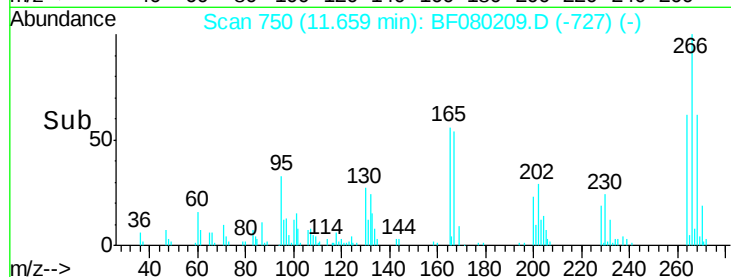
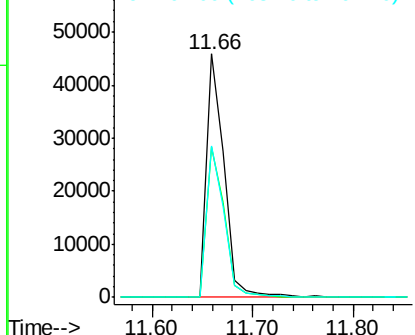
#69
 Pentachlorophenol
 Concen: 67.16 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion:266 Resp: 55204
 Ion Ratio Lower Upper
 266 100
 268 61.8 49.8 74.6
 264 62.0 50.2 75.2

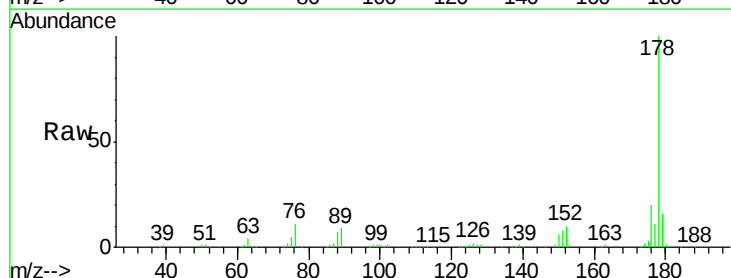


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

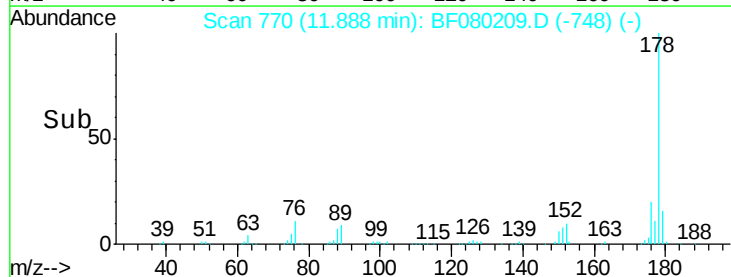
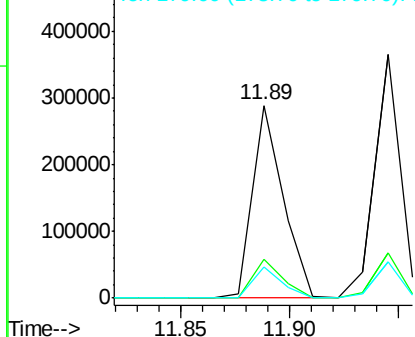


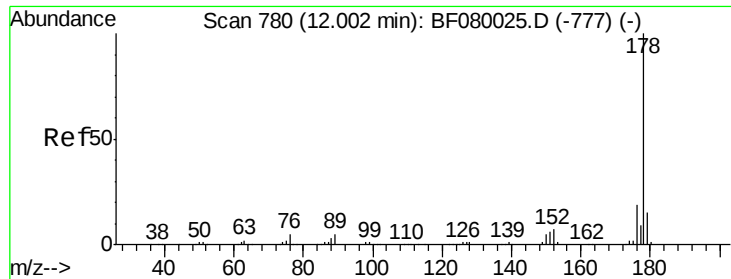
#70
 Phenanthrene
 Concen: 38.27 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:178 Resp: 284455
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 15.9 12.2 18.2



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

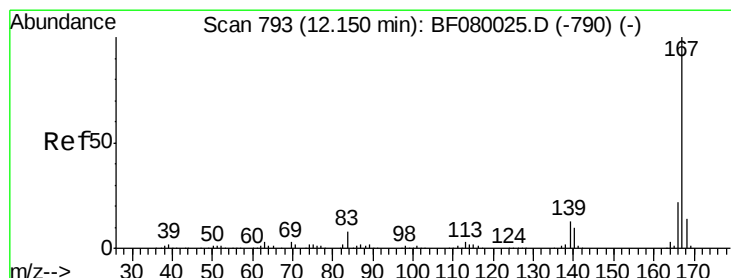
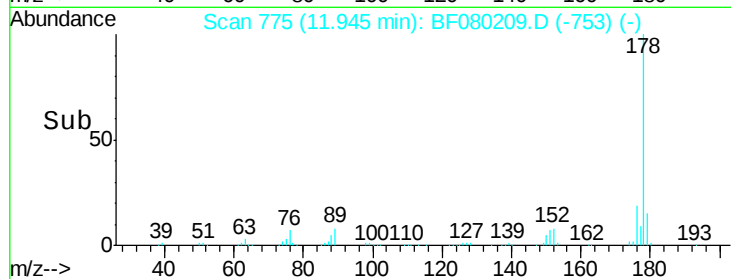
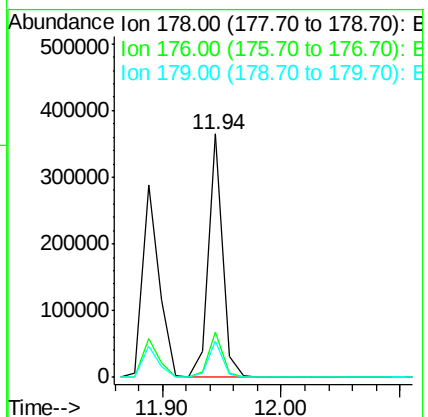
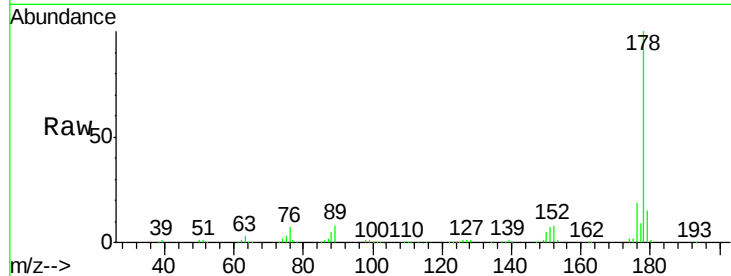




#71
 Anthracene
 Concen: 42.20 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

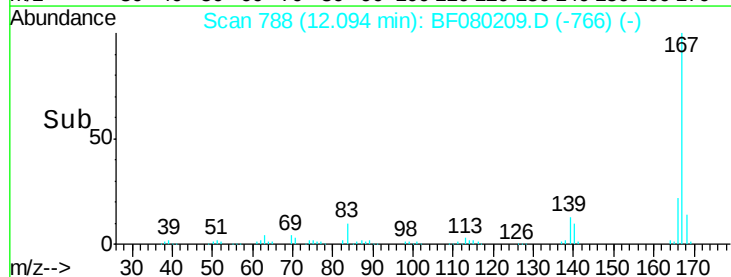
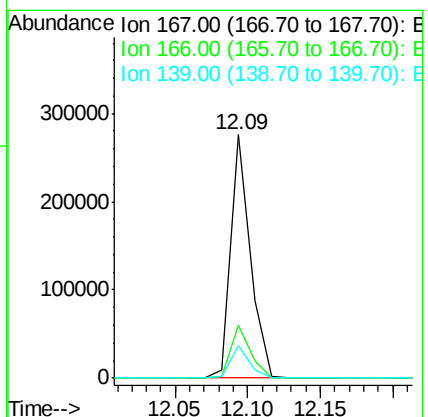
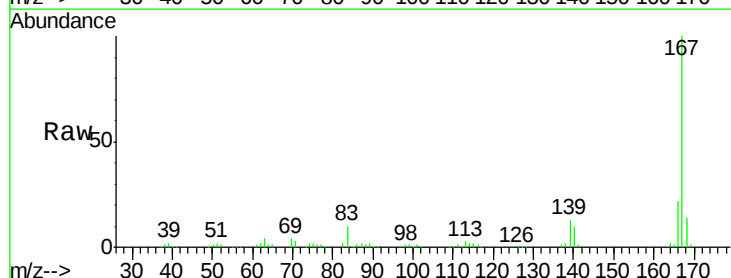
Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

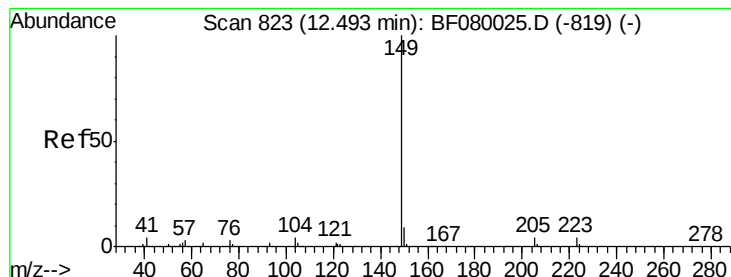
Tgt Ion:178 Resp: 301999
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.1 12.2 18.2



#72
 Carbazole
 Concen: 37.69 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion:167 Resp: 257502
 Ion Ratio Lower Upper
 167 100
 166 21.8 15.7 23.5
 139 13.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 34.11 ng

RT: 12.43 min Scan# 817

Delta R.T. -0.06 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

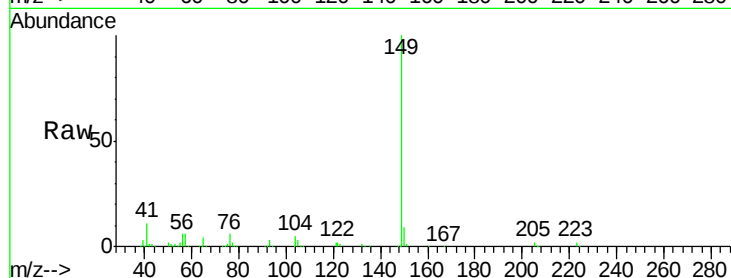
Tgt Ion:149 Resp: 269214

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

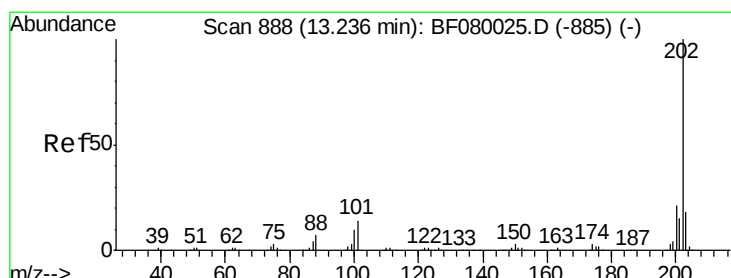
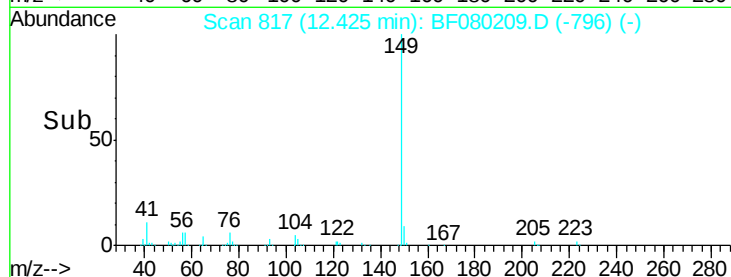
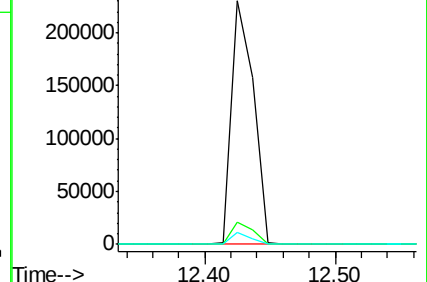
104 5.1 2.4 3.6#



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: 38.52 ng

RT: 13.17 min Scan# 882

Delta R.T. -0.08 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

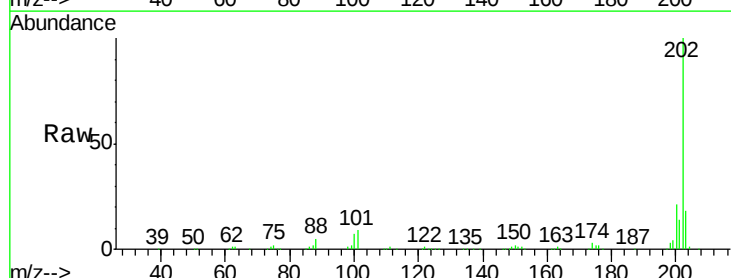
Tgt Ion:202 Resp: 304919

Ion Ratio Lower Upper

202 100

101 9.0 0.0 38.3

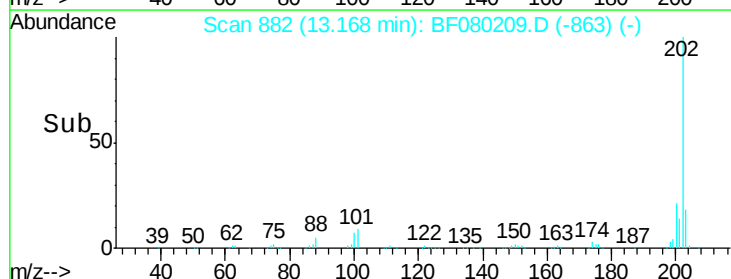
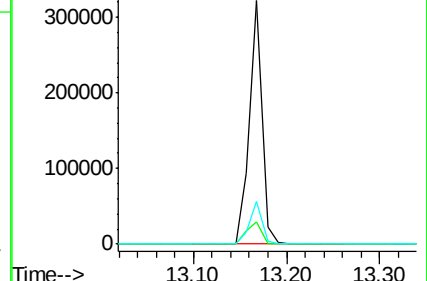
203 17.7 0.0 37.3

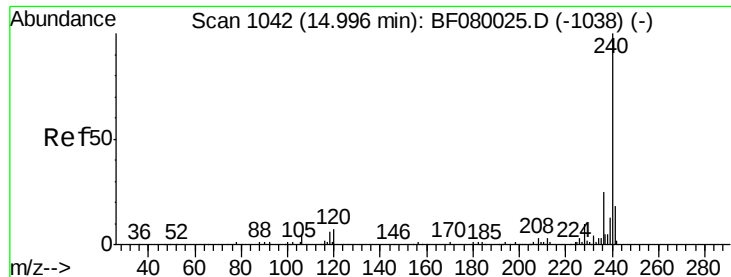


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

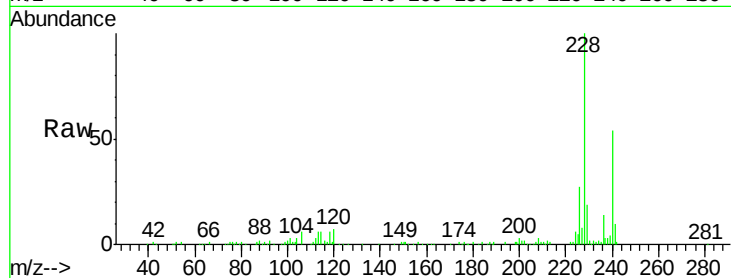
Tgt Ion:240 Resp: 129396

Ion Ratio Lower Upper

240 100

120 13.7 16.2 24.2#

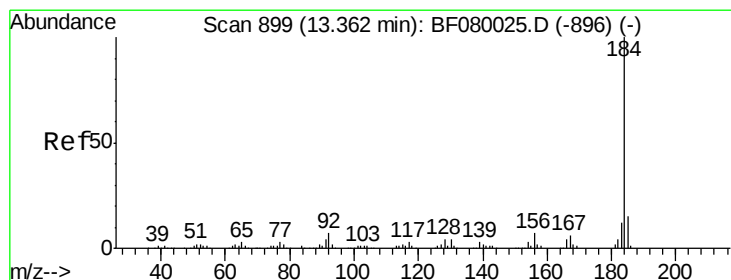
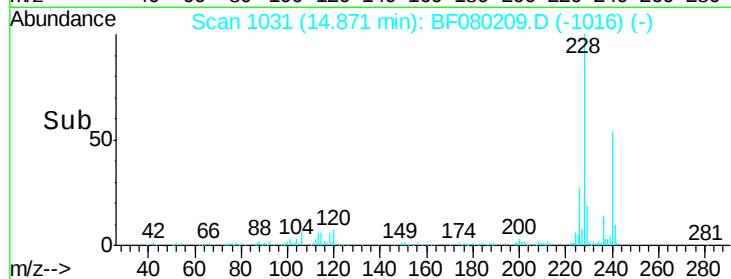
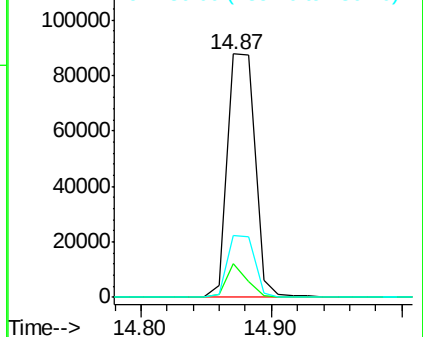
236 25.5 18.4 27.6



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: 42.70 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.08 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

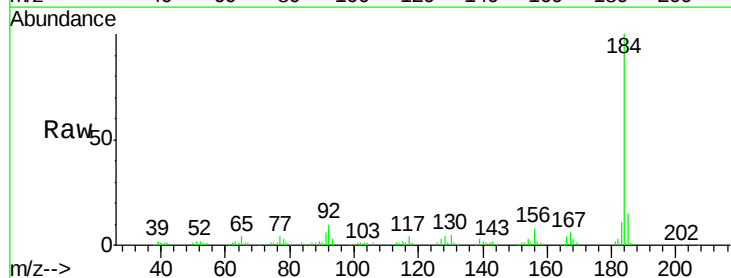
Tgt Ion:184 Resp: 154441

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

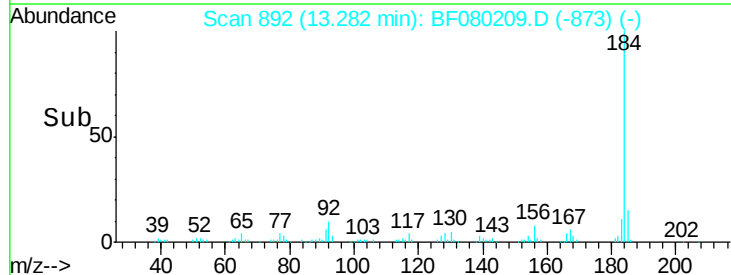
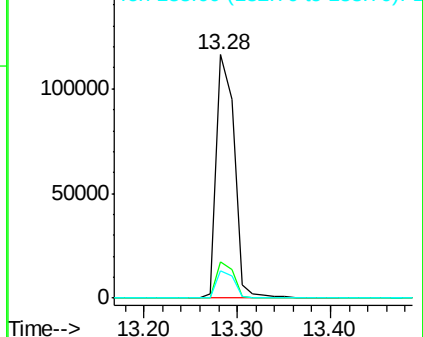
183 11.1 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

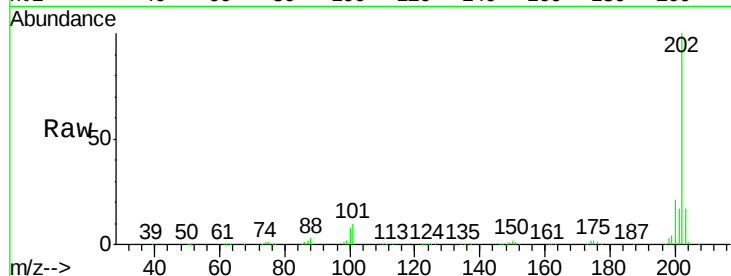




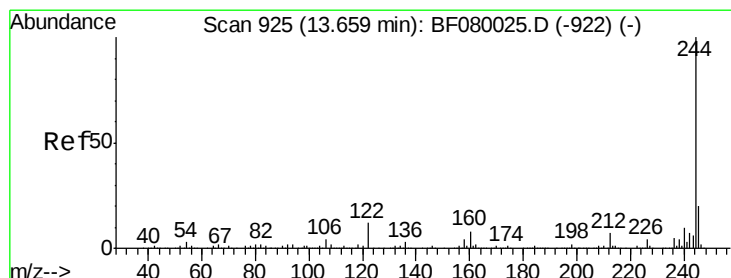
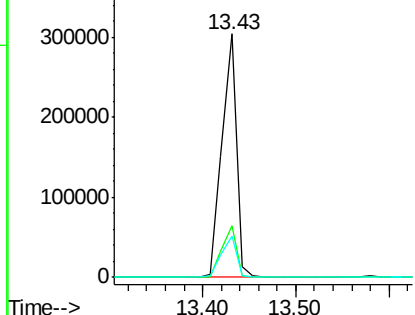
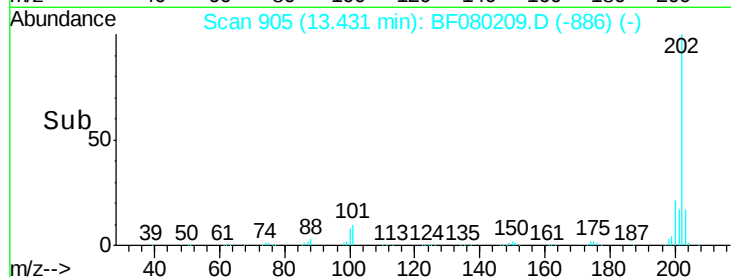
#77
 Pyrene
 Concen: 41.27 ng
 RT: 13.43 min Scan# 905
 Delta R.T. -0.08 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84267BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	15.0	22.4
203	17.1	14.1	21.1

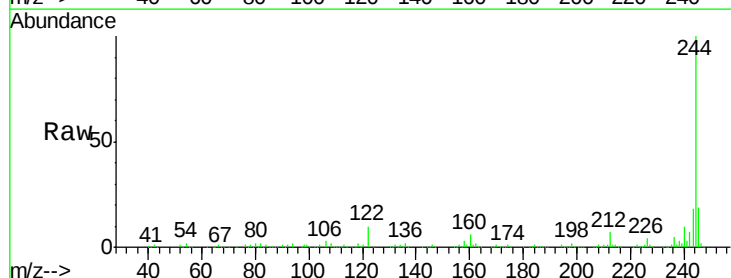


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

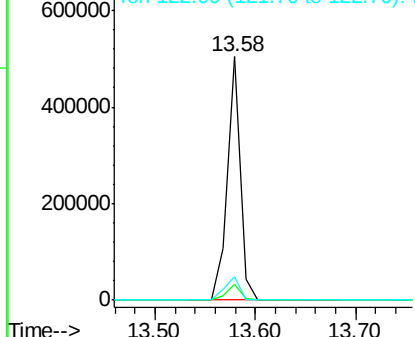
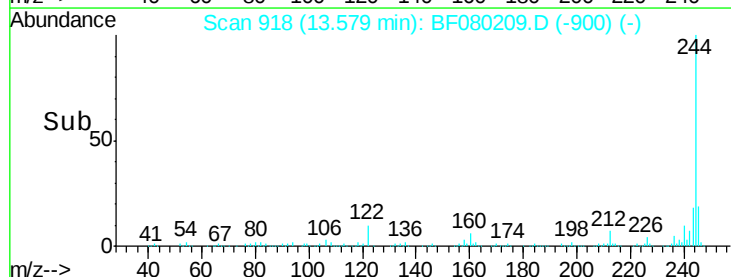


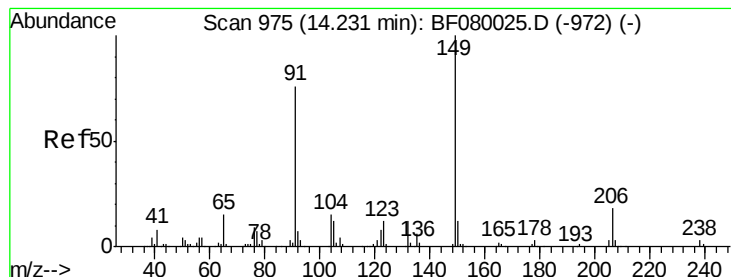
#78
 Terphenyl-d14
 Concen: 81.48 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.09 min
 Lab File: BF080209.D
 Acq: 29 Jun 2015 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	9.7	17.4	26.2#



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: 37.66 ng

RT: 14.14 min Scan# 967

Delta R.T. -0.10 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

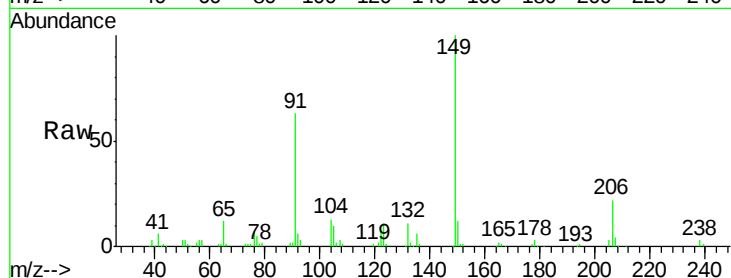
Tgt Ion:149 Resp: 120479

Ion Ratio Lower Upper

149 100

91 63.0 48.6 72.8

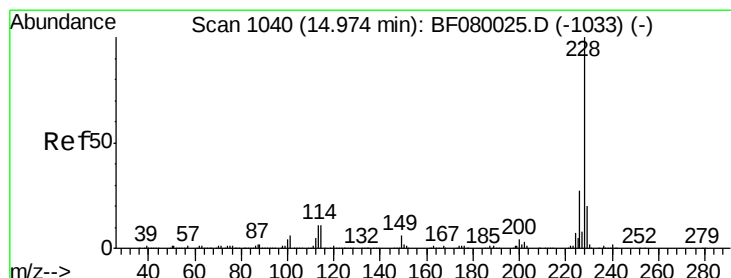
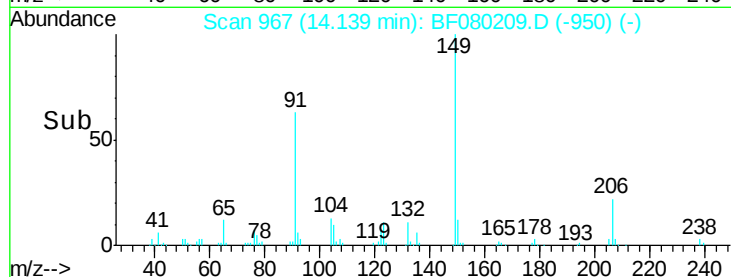
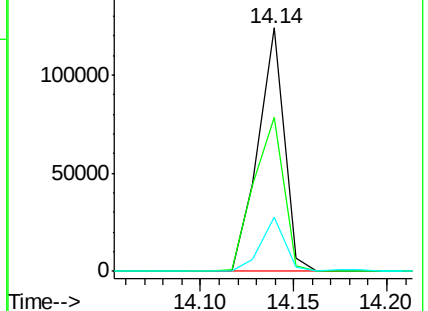
206 22.2 14.9 22.3



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: 39.43 ng

RT: 14.86 min Scan# 1030

Delta R.T. -0.13 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

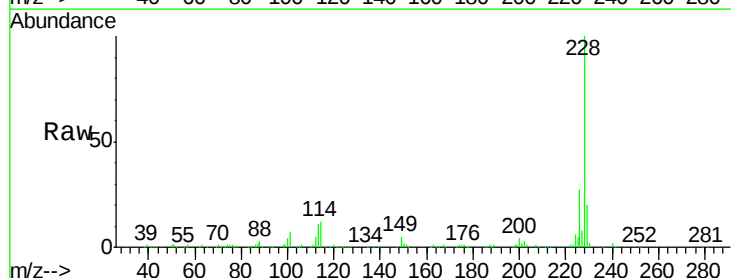
Tgt Ion:228 Resp: 310803

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

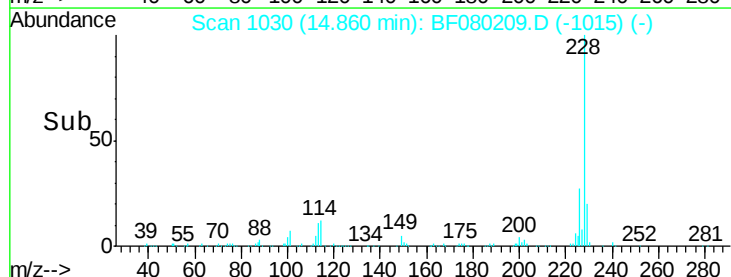
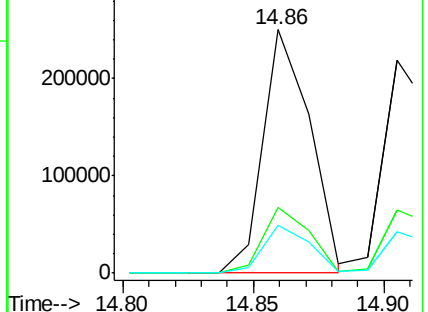
229 19.9 15.4 23.2

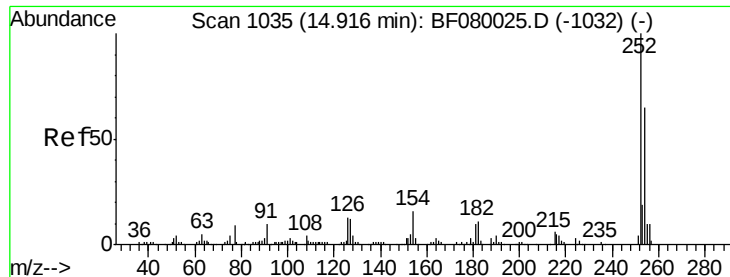


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.60 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.11 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

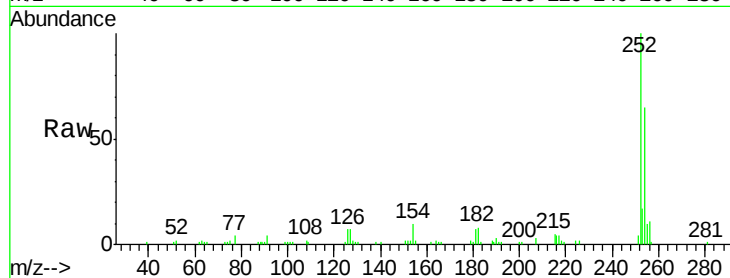
Tgt Ion:252 Resp: 72330

Ion Ratio Lower Upper

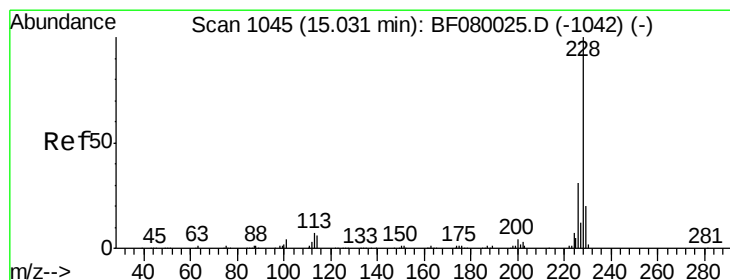
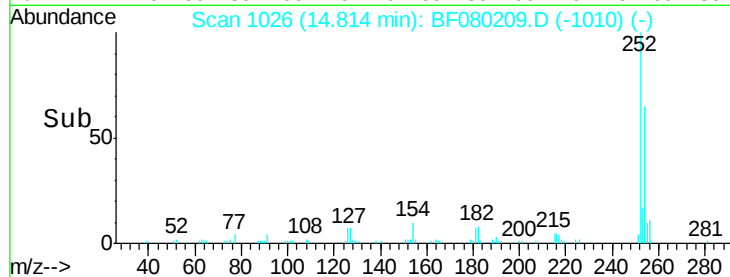
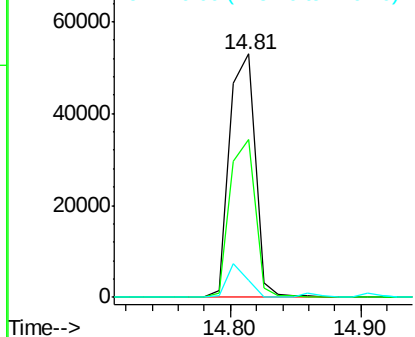
252 100

254 64.6 51.4 77.2

126 7.1 16.4 24.6#



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



#82

Chrysene

Concen: 40.32 ng

RT: 14.91 min Scan# 1034

Delta R.T. -0.13 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

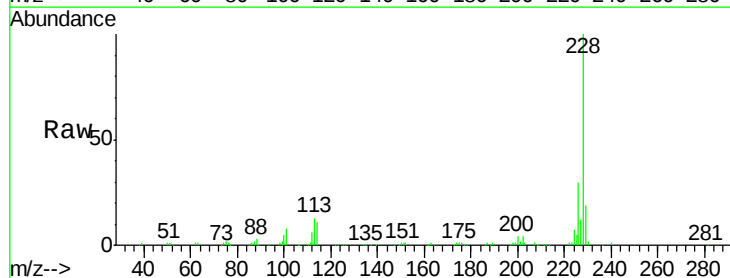
Tgt Ion:228 Resp: 293074

Ion Ratio Lower Upper

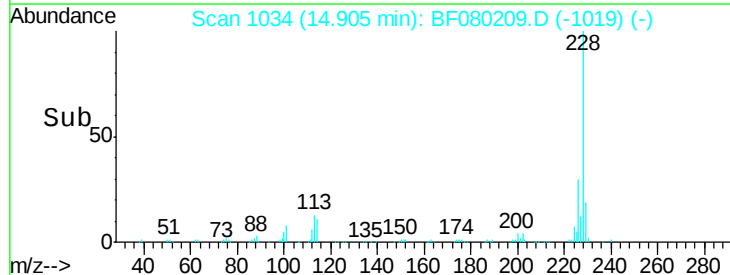
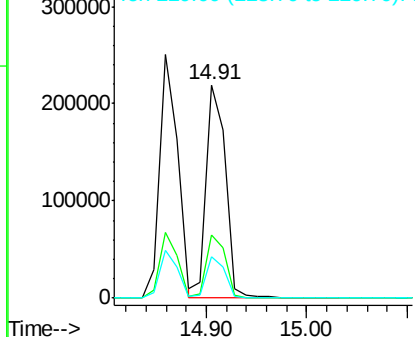
228 100

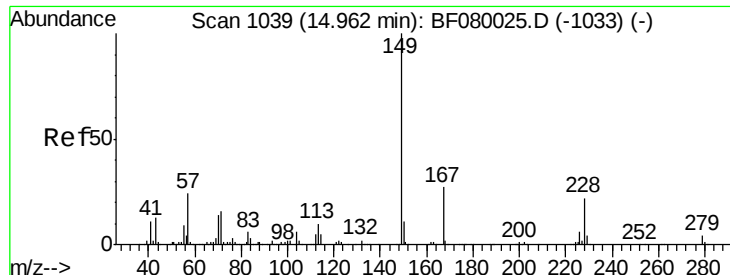
226 29.8 21.0 31.4

229 19.4 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.67 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.11 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

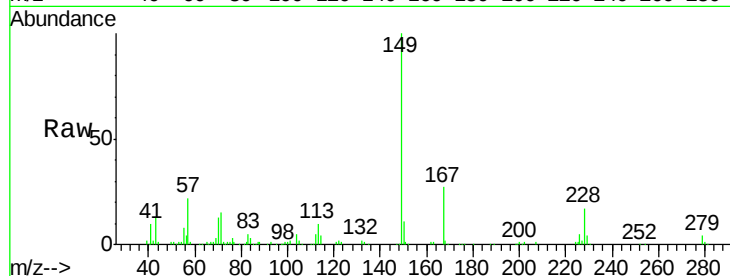
Tgt Ion:149 Resp: 180345

Ion Ratio Lower Upper

149 100

167 26.6 24.2 36.2

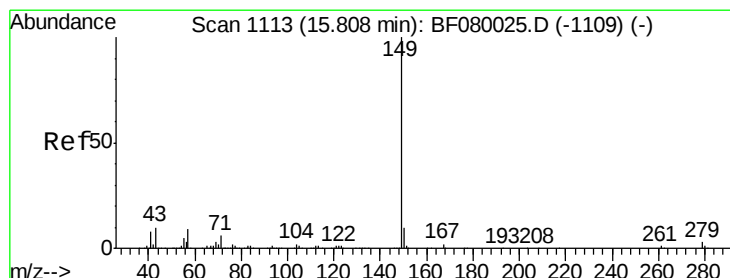
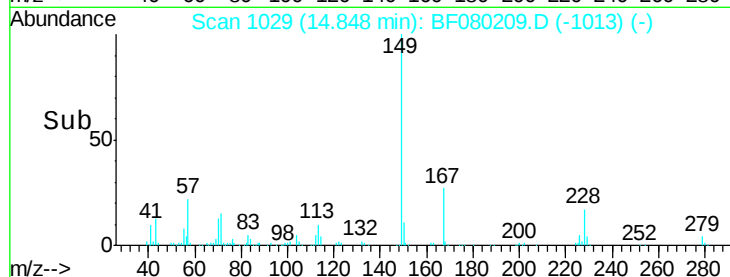
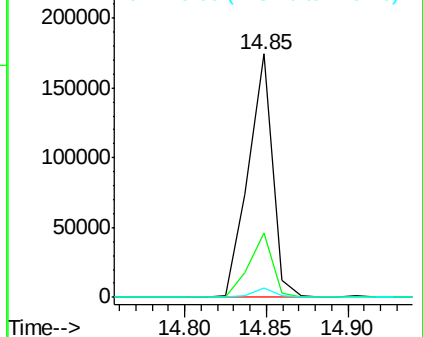
279 3.7 3.8 5.6#



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: 33.77 ng

RT: 15.67 min Scan# 1101

Delta R.T. -0.15 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

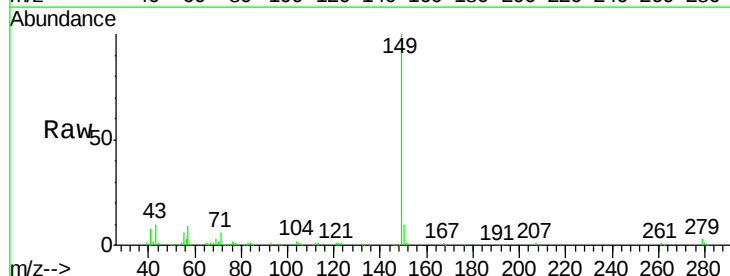
Tgt Ion:149 Resp: 292587

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

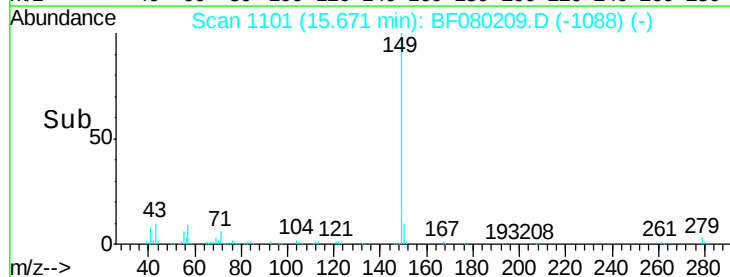
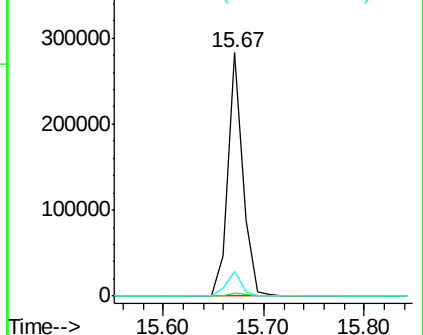
43 10.6 10.2 15.2



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: 37.16 ng

RT: 18.62 min Scan# 1359

Delta R.T. -0.17 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS

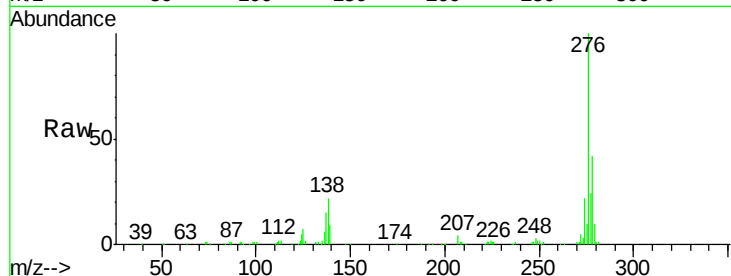
Tgt Ion:276 Resp: 340655

Ion Ratio Lower Upper

276 100

138 25.1 25.7 38.5#

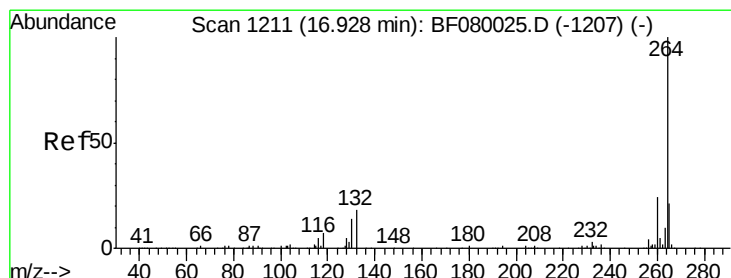
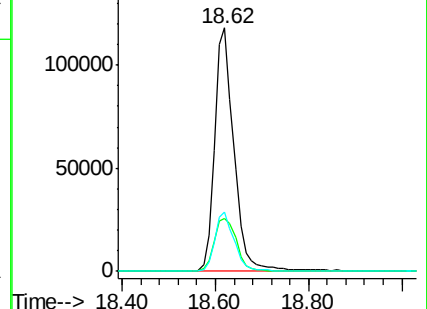
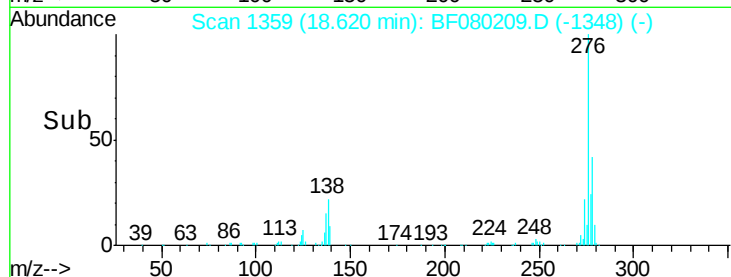
277 24.4 15.6 23.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.77 min Scan# 1197

Delta R.T. -0.16 min

Lab File: BF080209.D

Acq: 29 Jun 2015 16:39

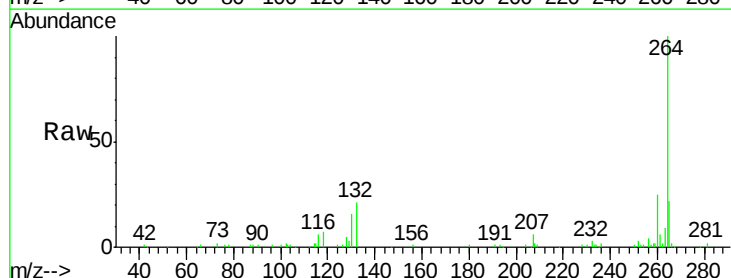
Tgt Ion:264 Resp: 126207

Ion Ratio Lower Upper

264 100

260 24.7 16.7 25.1

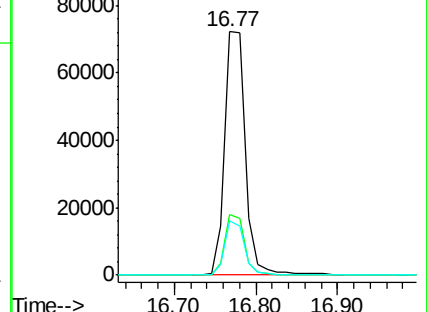
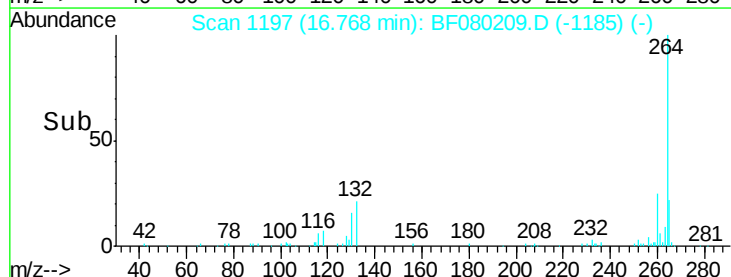
265 22.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

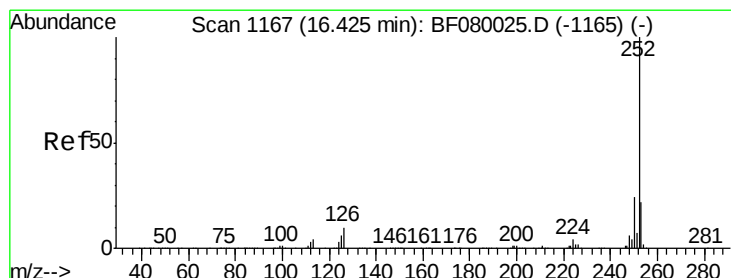
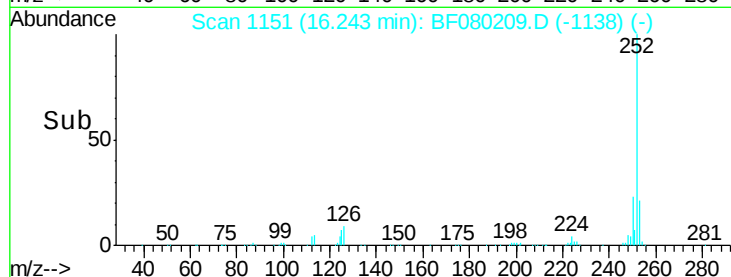
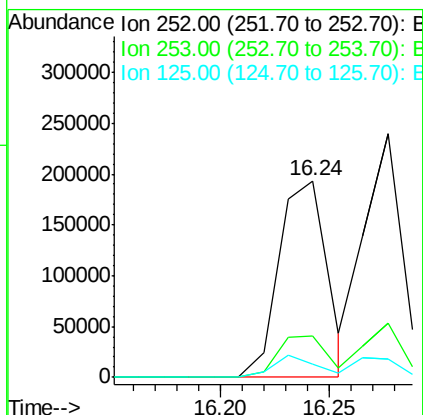
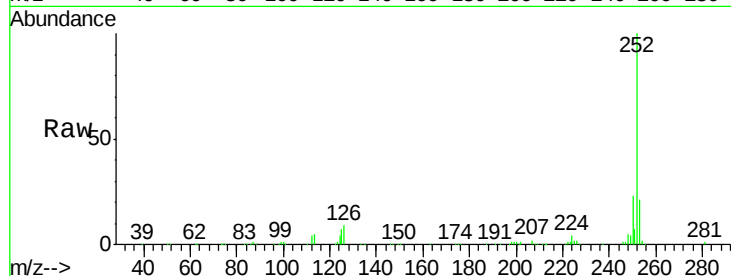




#87
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 16.24 min Scan# 1151
Delta R.T. -0.15 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

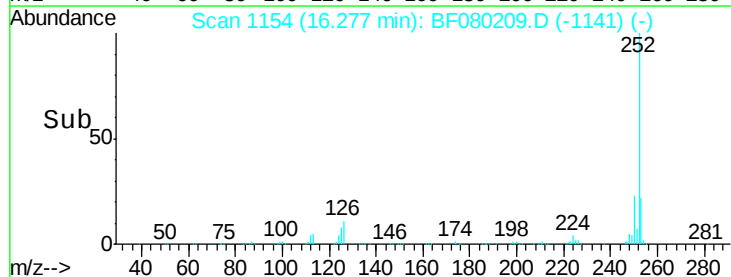
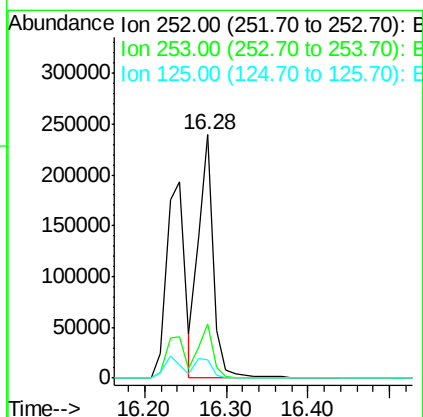
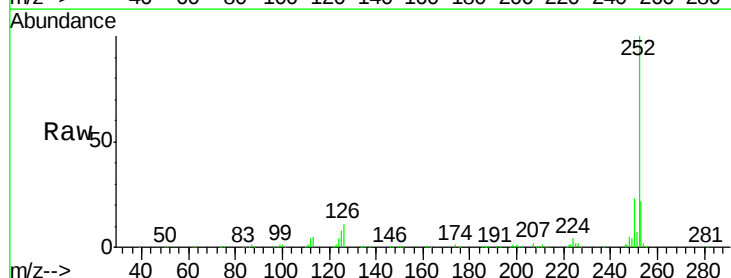
Instrument :
BNA_F
ClientSampleId :
PB84267BS

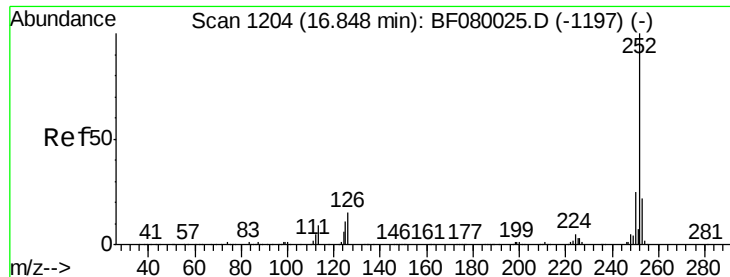
Tgt Ion:252 Resp: 300197
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 6.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 39.39 ng
RT: 16.28 min Scan# 1154
Delta R.T. -0.15 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:252 Resp: 306496
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 7.7 16.0 24.0#

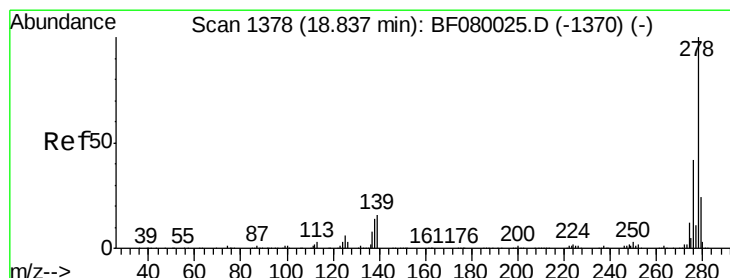
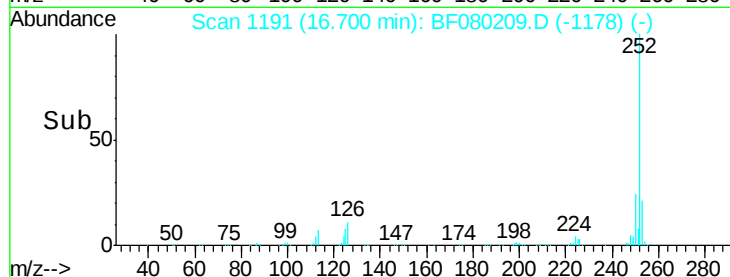
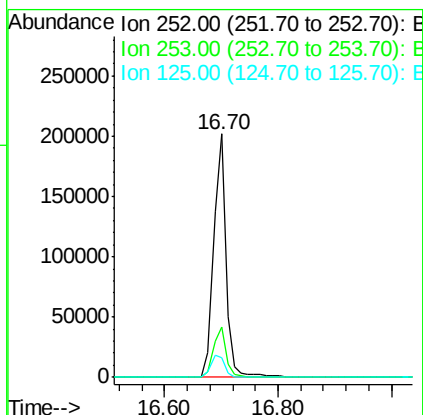
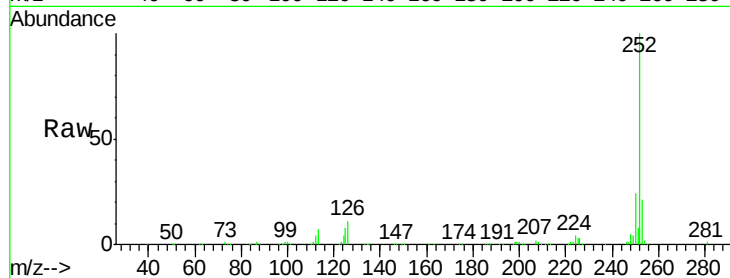




#89
Benzo(a)pyrene
Concen: 41.51 ng
RT: 16.70 min Scan# 1191
Delta R.T. -0.15 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

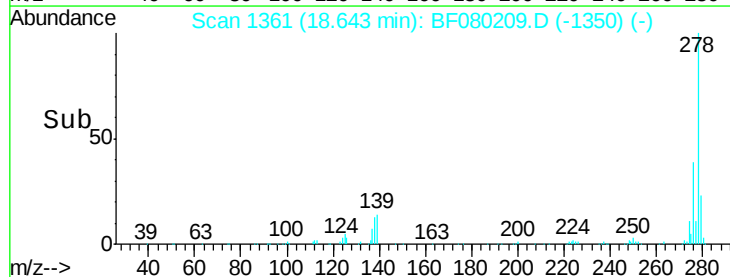
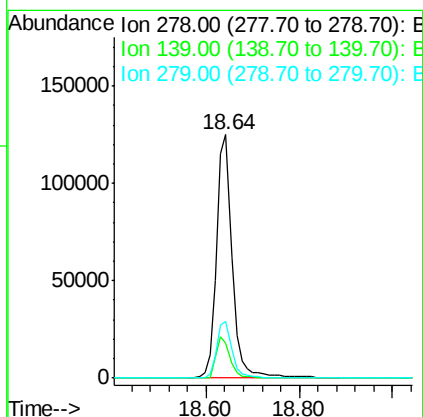
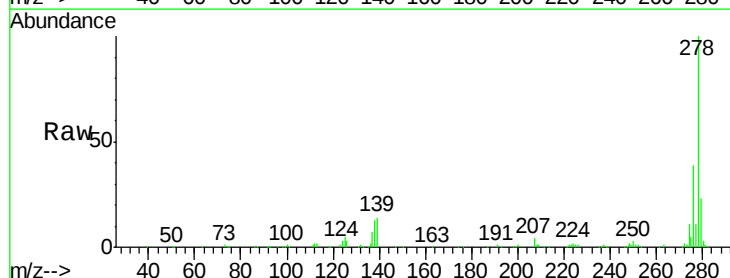
Instrument :
BNA_F
ClientSampleId :
PB84267BS

Tgt Ion:252 Resp: 301194
Ion Ratio Lower Upper
252 100
253 20.9 17.2 25.8
125 8.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.99 ng
RT: 18.64 min Scan# 1361
Delta R.T. -0.17 min
Lab File: BF080209.D
Acq: 29 Jun 2015 16:39

Tgt Ion:278 Resp: 289579
Ion Ratio Lower Upper
278 100
139 14.3 26.3 39.5#
279 23.5 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 39.01 ng

RT: 19.17 min Scan# 1407

Delta R.T. -0.18 min

Lab File: BF080209.D

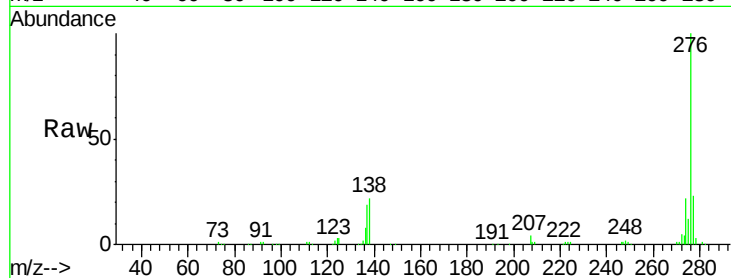
Acq: 29 Jun 2015 16:39

Instrument :

BNA_F

ClientSampleId :

PB84267BS



Tgt Ion:	276	Resp:	292588
Ion Ratio		Lower	Upper
276	100		
277	22.8	17.8	26.6
138	22.3	34.6	51.8#

