

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080379.D
 Acq On : 7 Jul 2015 18:59
 Operator : TP/UM
 Sample : G2906-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Quant Time: Jul 08 01:40:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36933	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	140409	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	70113	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	144338	20.00	ng	0.00
75) Chrysene-d12	14.68	240	158245	20.00	ng	-0.06
86) Perylene-d12	16.49	264	151472	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	321287	159.32	ng	0.00
7) Phenol-d6	6.84	99	425355	159.13	ng	0.01
23) Nitrobenzene-d5	7.79	82	246385	102.35	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	109335	149.03	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	430708	82.90	ng	0.00
78) Terphenyl-d14	13.45	244	536861	79.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	36089	37.90	ng	97
3) Pyridine	3.87	79	104626	43.18	ng	99
4) n-Nitrosodimethylamine	3.78	42	49332	43.33	ng	94
6) Aniline	6.89	93	131933	35.65	ng	99
8) 2-Chlorophenol	7.01	128	108735	46.51	ng	99
9) Benzaldehyde	6.77	77	57519	38.69	ng	98
10) Phenol	6.85	94	146162	50.42	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	98059	44.84	ng	98
12) 1,3-Dichlorobenzene	7.17	146	124388	43.34	ng	99
13) 1,4-Dichlorobenzene	7.17	146	124388	46.41	ng	94
14) 1,2-Dichlorobenzene	7.40	146	121844	44.92	ng	98
15) Benzyl Alcohol	7.36	79	99112	47.90	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	157559	44.56	ng	99
17) 2-Methylphenol	7.47	107	82828	45.71	ng	97
18) Hexachloroethane	7.74	117	37320	43.34	ng	# 61
19) n-Nitroso-di-n-propylamine	7.62	70	74200	42.78	ng	# 75
20) 3+4-Methylphenols	7.62	107	115931	45.91	ng	94
22) Acetophenone	7.63	105	161945	49.99	ng	# 97
24) Nitrobenzene	7.80	77	114089	47.18	ng	99
25) Isophorone	8.04	82	223102	48.15	ng	98
26) 2-Nitrophenol	8.12	139	49340	47.15	ng	# 54
27) 2,4-Dimethylphenol	8.16	122	99398	48.28	ng	96
28) bis(2-Chloroethoxy)methane	8.25	93	140542	48.84	ng	99
29) 2,4-Dichlorophenol	8.36	162	90298	49.39	ng	# 83
30) 1,2,4-Trichlorobenzene	8.45	180	94204	43.36	ng	# 90
31) Naphthalene	8.54	128	315948	43.87	ng	99
32) Benzoic acid	8.20	122	17648	21.58	ng	85
33) 4-Chloroaniline	8.58	127	144820	50.45	ng	97
34) Hexachlorobutadiene	8.66	225	59189	44.78	ng	99
35) Caprolactam	8.91	113	24599	43.57	ng	# 86
36) 4-Chloro-3-methylphenol	9.05	107	86865	46.05	ng	99
37) 2-Methylnaphthalene	9.23	142	210952	45.94	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	95521	42.99	ng	98
40) Hexachlorocyclopentadiene	9.39	237	67598	73.78	ng	99

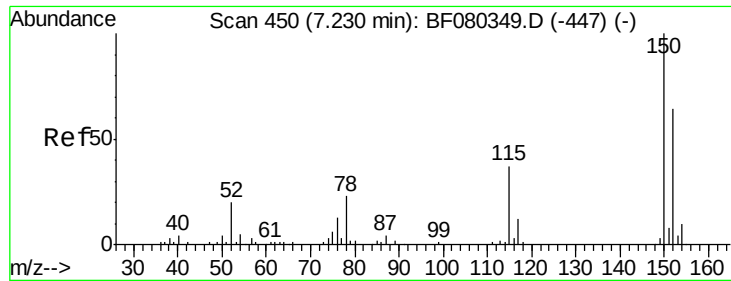
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	63094	43.11	ng	99
43) 2,4,5-Trichlorophenol	9.55	196	76644	44.92	ng	97
45) 1,1'-Biphenyl	9.70	154	275874	44.33	ng	98
46) 2-Chloronaphthalene	9.73	162	200147	42.18	ng	99
47) 2-Nitroaniline	9.81	65	63981	48.19	ng	98
48) Acenaphthylene	10.14	152	324067	41.03	ng	99
49) Dimethylphthalate	9.98	163	355714	63.19	ng	100
50) 2,6-Dinitrotoluene	10.05	165	54770	46.54	ng	92
51) Acenaphthene	10.33	154	192377	40.69	ng	99
52) 3-Nitroaniline	10.22	138	55011	41.48	ng	94
53) 2,4-Dinitrophenol	10.33	184	13425	31.36	ng	# 1
54) Dibenzofuran	10.50	168	286313	42.59	ng	99
55) 4-Nitrophenol	10.37	139	91333	93.96	ng	93
56) 2,4-Dinitrotoluene	10.46	165	65885	43.53	ng	98
57) Fluorene	10.84	166	250190	43.22	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	58544	42.84	ng	98
59) Diethylphthalate	10.69	149	257919	45.87	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	108672	42.42	ng	98
61) 4-Nitroaniline	10.84	138	56723	44.06	ng	98
62) Azobenzene	10.99	77	229282	42.93	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	25718	32.53	ng	94
65) n-Nitrosodiphenylamine	10.94	169	201030	43.73	ng	98
66) 4-Bromophenyl-phenylether	11.32	248	73971	44.74	ng	91
67) Hexachlorobenzene	11.40	284	74855	43.16	ng	96
68) Atrazine	11.46	200	70080	51.21	ng	98
69) Pentachlorophenol	11.59	266	64740	75.48	ng	94
70) Phenanthrene	11.81	178	378270	43.69	ng	100
71) Anthracene	11.87	178	363975	42.88	ng	99
72) Carbazole	12.02	167	343402	43.37	ng	98
73) Di-n-butylphthalate	12.34	149	388628	42.91	ng	100
74) Fluoranthene	13.05	202	385196	41.41	ng	97
76) Benzidine	13.17	184	234408	58.40	ng	98
77) Pyrene	13.30	202	402388	42.04	ng	100
79) Butylbenzylphthalate	13.99	149	174803	45.77	ng	94
80) Benzo(a)anthracene	14.67	228	399603	41.90	ng	100
81) 3,3'-Dichlorobenzidine	14.61	252	125599	39.72	ng	# 96
82) Chrysene	14.72	228	375827	42.12	ng	99
83) Bis(2-ethylhexyl)phthalate	14.65	149	265481	45.60	ng	# 99
84) Di-n-octyl phthalate	15.43	149	440574	45.81	ng	99
85) Indeno(1,2,3-cd)pyrene	18.25	276	438702	41.81	ng	99
87) Benzo(b)fluoranthene	15.97	252	378637	39.78	ng	# 98
88) Benzo(k)fluoranthene	16.01	252	387310	42.98	ng	# 96
89) Benzo(a)pyrene	16.41	252	377895	43.41	ng	# 98
90) Dibenzo(a,h)anthracene	18.27	278	364981	42.57	ng	99
91) Benzo(g,h,i)perylene	18.79	276	366176	42.12	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

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BOTTOMWEST-1MS

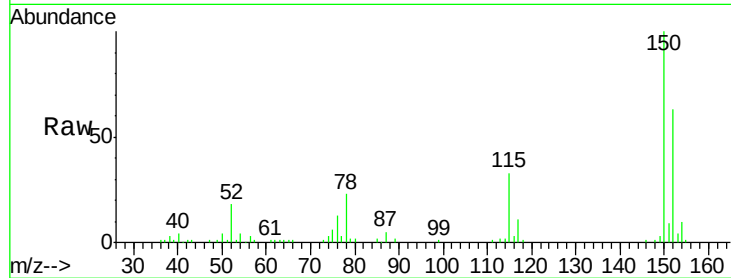
Tgt Ion:152 Resp: 36933

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

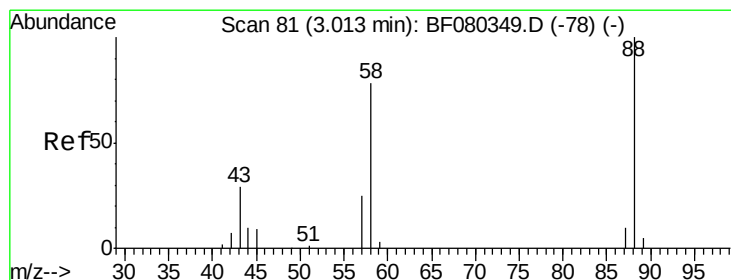
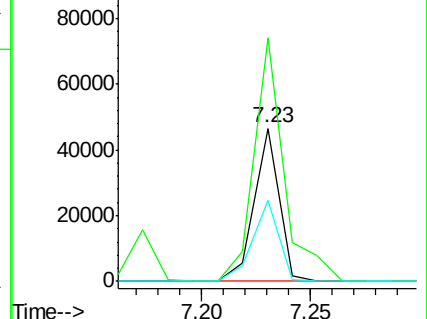
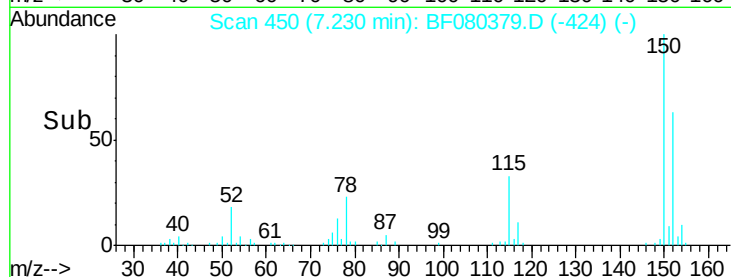
115 52.7 45.7 68.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.90 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

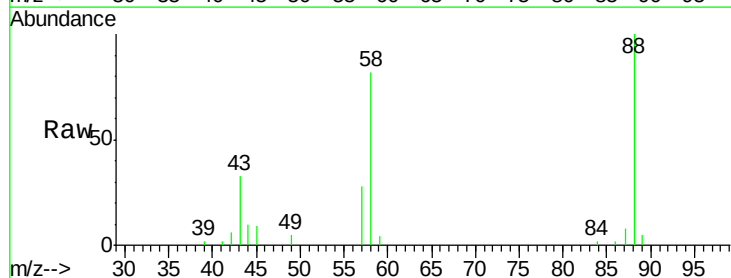
Tgt Ion: 88 Resp: 36089

Ion Ratio Lower Upper

88 100

58 79.2 61.0 91.6

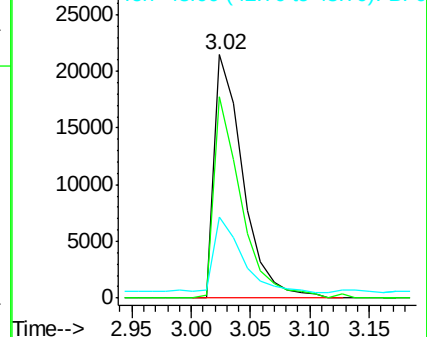
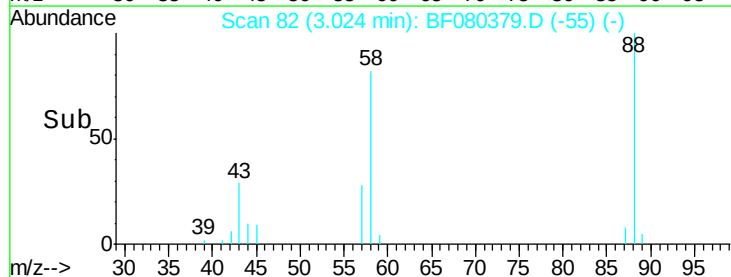
43 30.7 23.4 35.0

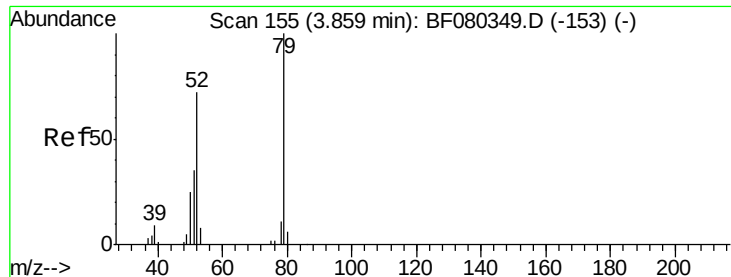


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 43.18 ng

RT: 3.87 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

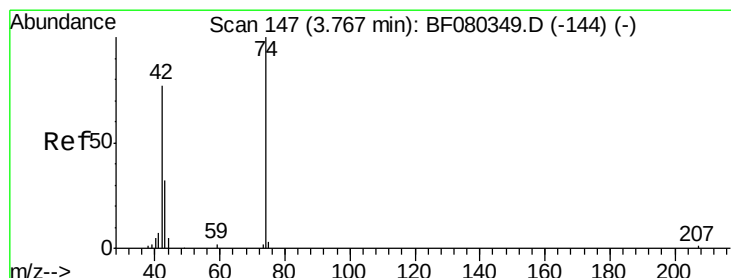
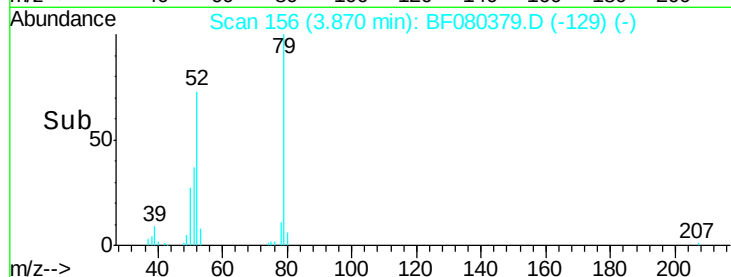
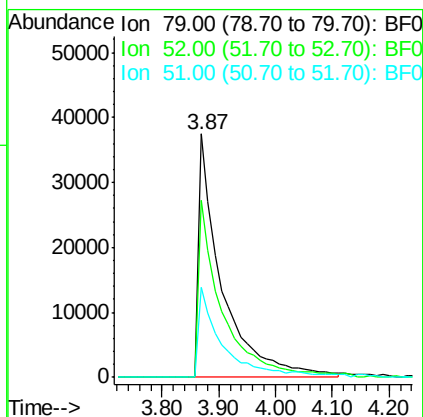
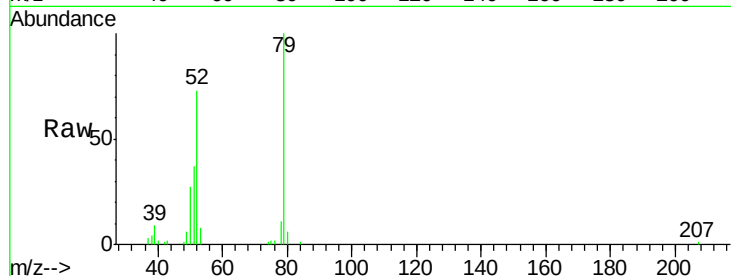
Tgt Ion: 79 Resp: 104626

Ion Ratio Lower Upper

79 100

52 72.5 57.2 85.8

51 37.2 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 43.33 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

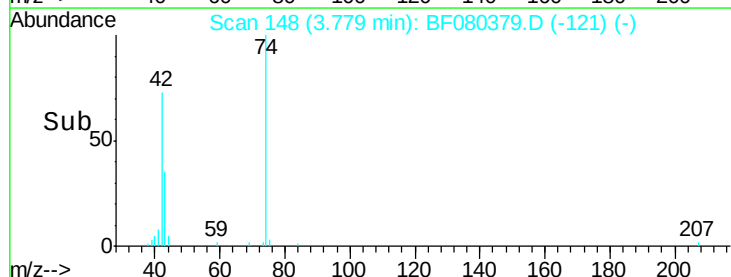
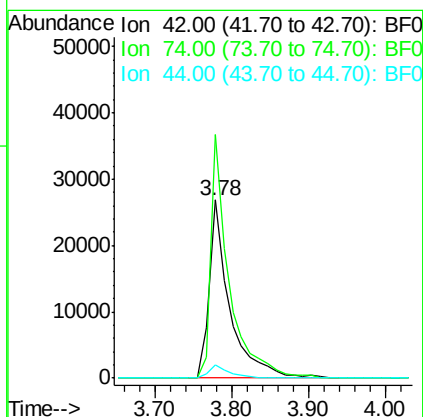
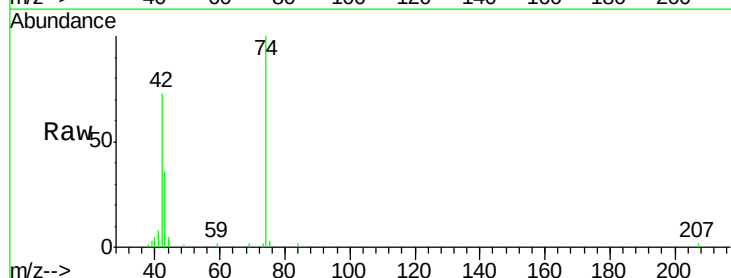
Tgt Ion: 42 Resp: 49332

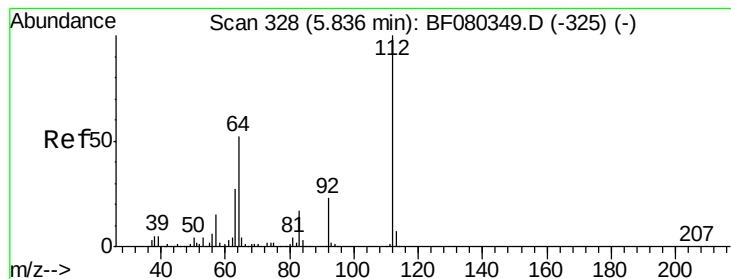
Ion Ratio Lower Upper

42 100

74 136.8 103.4 155.0

44 7.4 5.4 8.0





#5

2-Fluorophenol

Concen: 159.32 ng

RT: 5.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

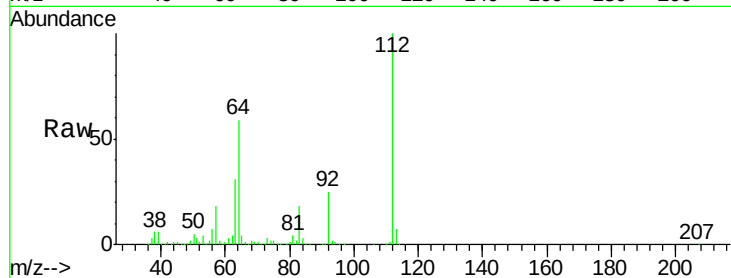
Tgt Ion: 112 Resp: 321287

Ion Ratio Lower Upper

112 100

64 59.2 41.8 62.6

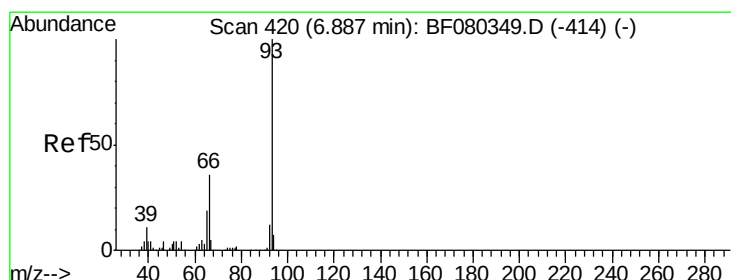
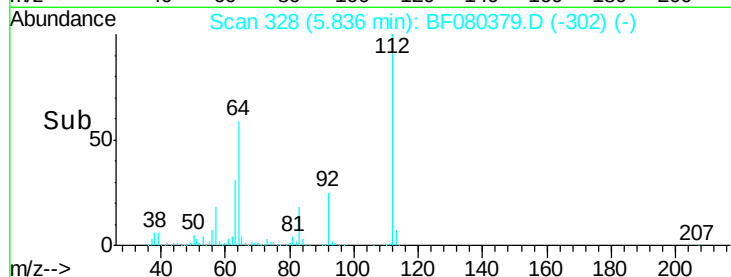
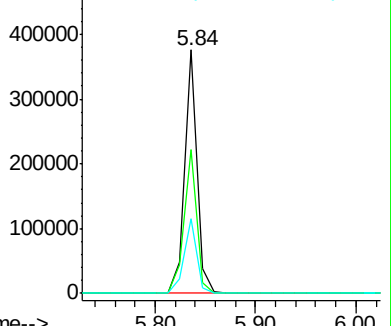
63 30.8 21.5 32.3



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: 35.65 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

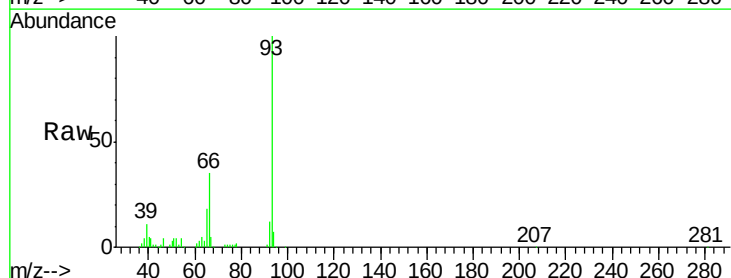
Tgt Ion: 93 Resp: 131933

Ion Ratio Lower Upper

93 100

66 35.1 28.7 43.1

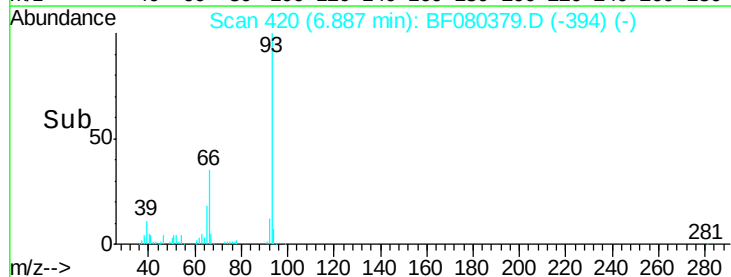
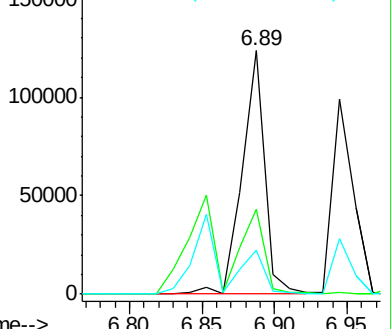
65 17.9 14.8 22.2

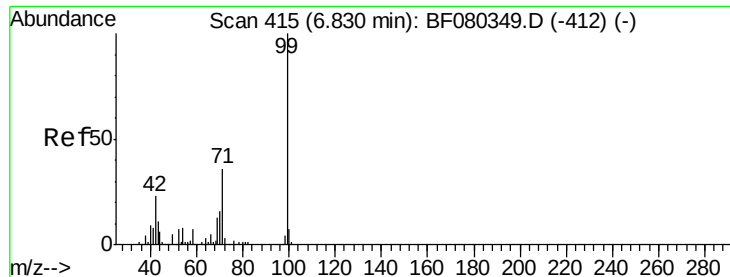


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 159.13 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

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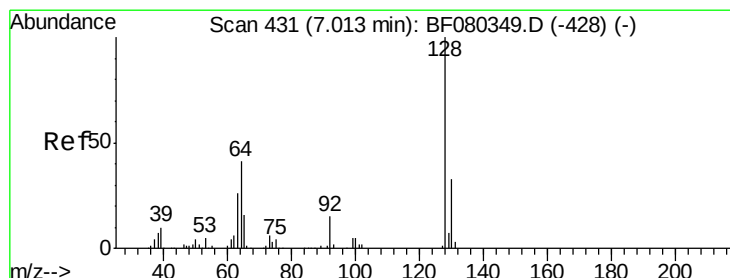
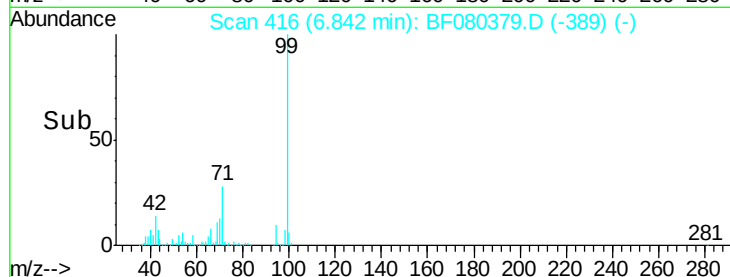
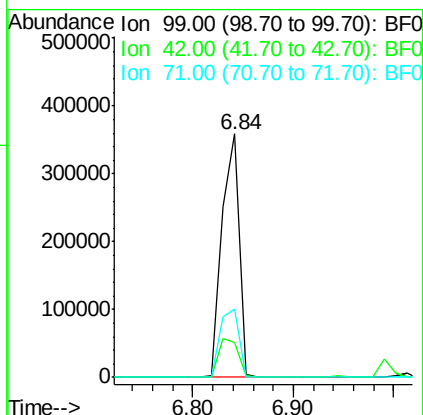
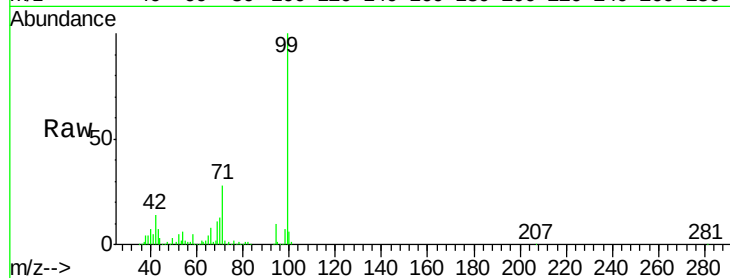
Tgt Ion: 99 Resp: 425355

Ion Ratio Lower Upper

99 100

42 14.4 18.5 27.7#

71 27.8 28.5 42.7#



#8

2-Chlorophenol

Concen: 46.51 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

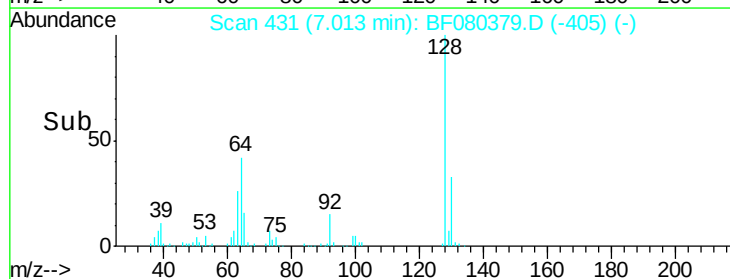
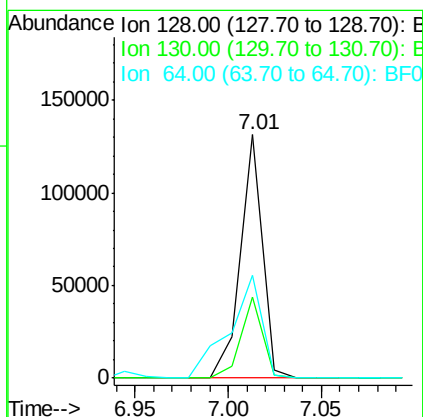
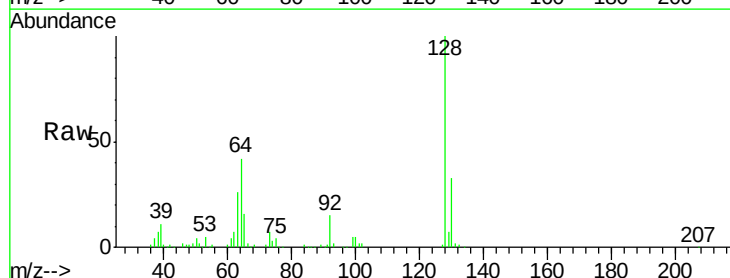
Tgt Ion: 128 Resp: 108735

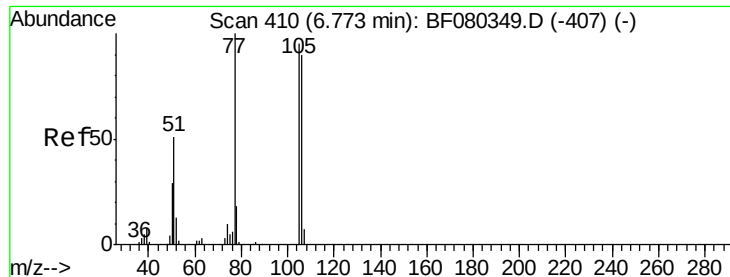
Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 42.3 21.1 61.1





#9

Benzaldehyde

Concen: 38.69 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

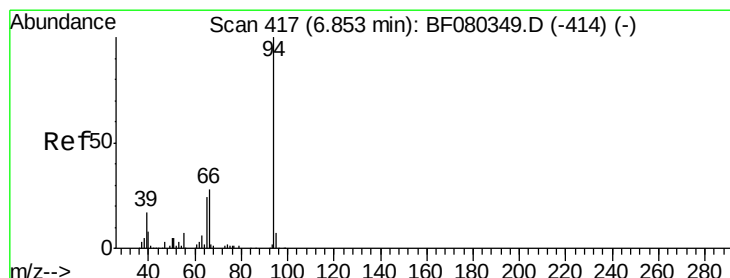
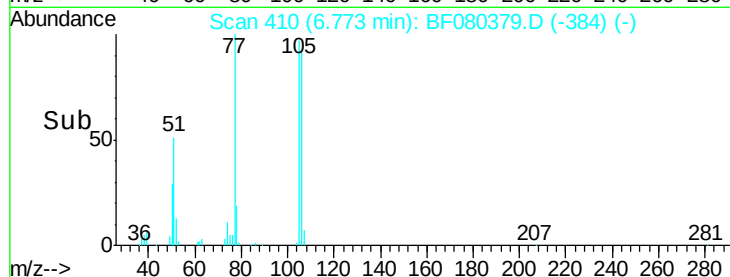
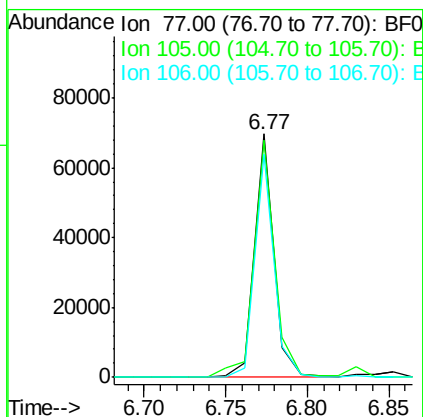
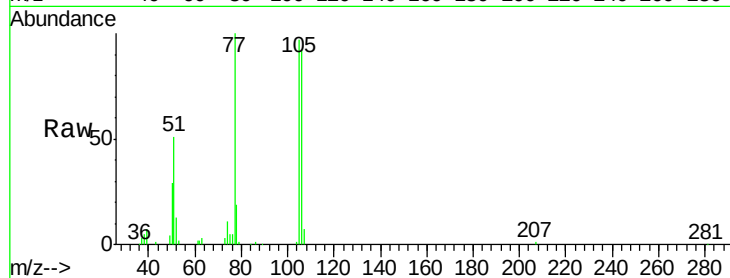
Tgt Ion: 77 Resp: 57519

Ion Ratio Lower Upper

77 100

105 97.5 75.2 115.2

106 91.8 69.9 109.9



#10

Phenol

Concen: 50.42 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

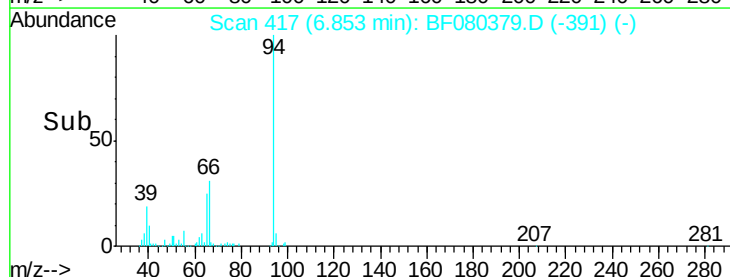
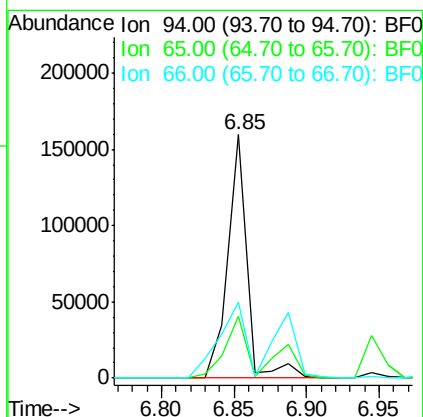
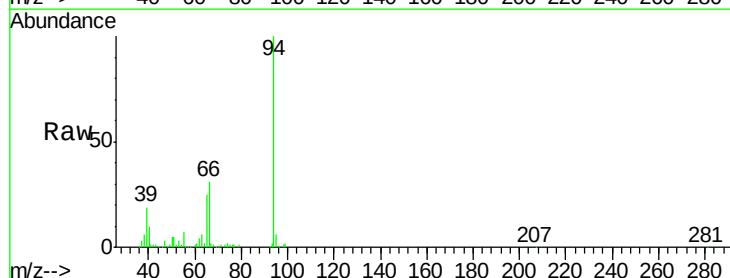
Tgt Ion: 94 Resp: 146162

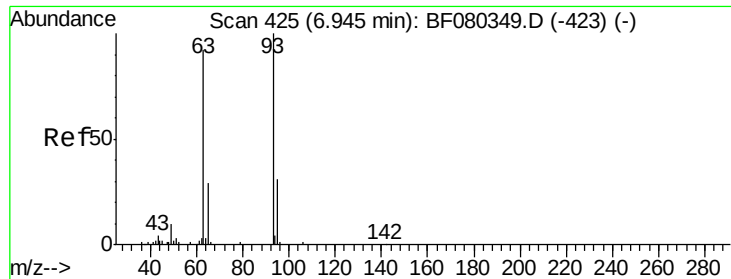
Ion Ratio Lower Upper

94 100

65 25.2 3.5 43.5

66 31.4 8.5 48.5

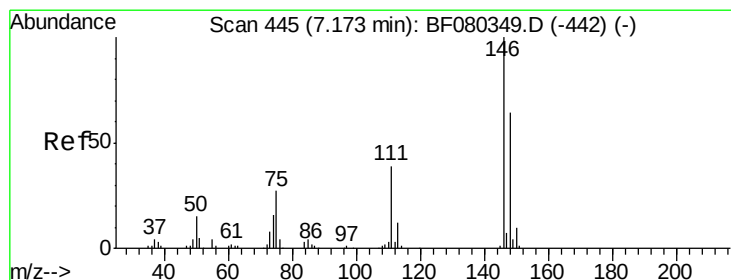
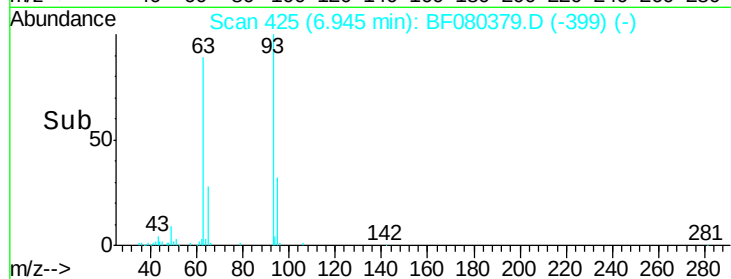
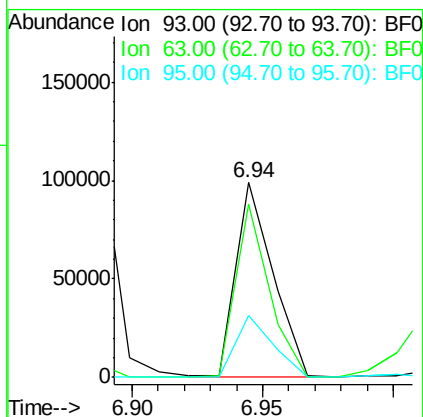
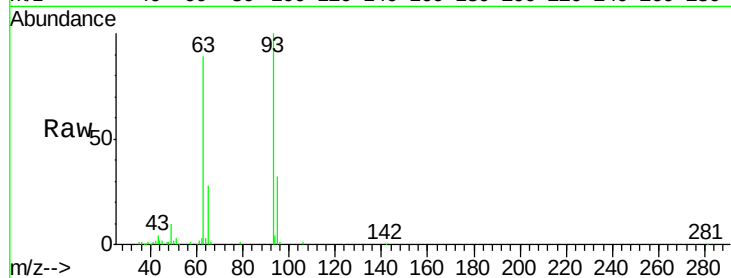




#11
bis(2-Chloroethyl)ether
Concen: 44.84 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

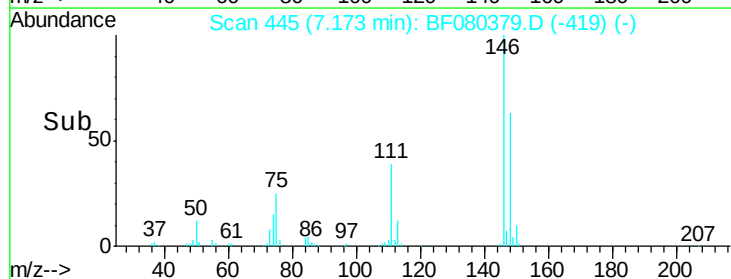
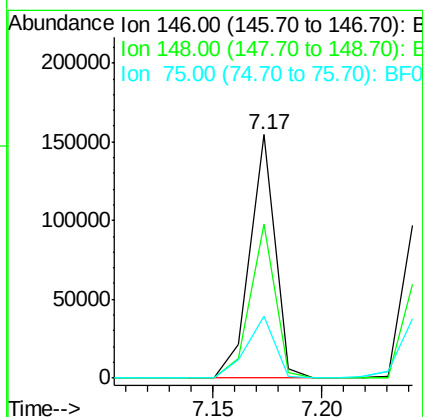
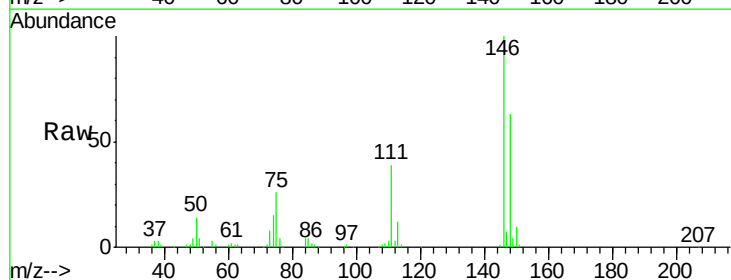
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

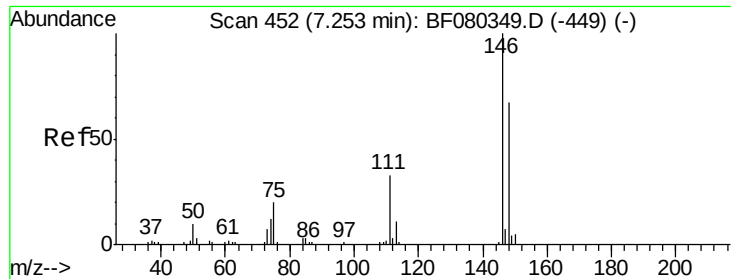
Tgt Ion: 93 Resp: 98059
Ion Ratio Lower Upper
93 100
63 88.9 71.3 111.3
95 31.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 43.34 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion: 146 Resp: 124388
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
75 25.5 21.5 32.3

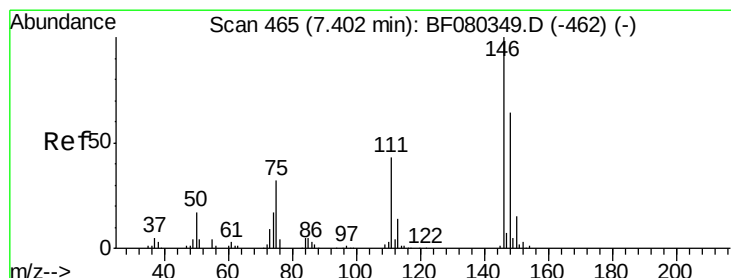
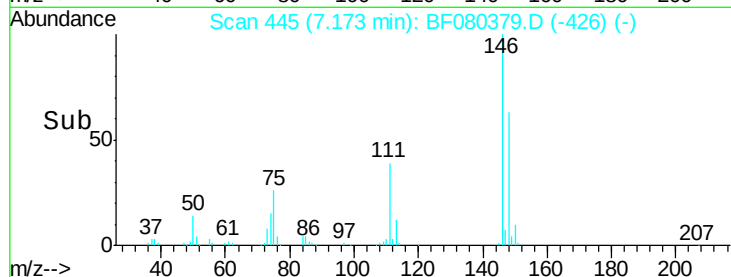
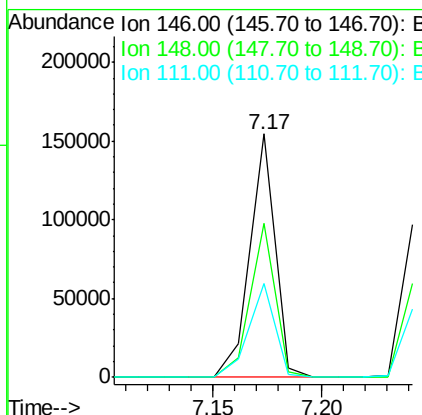
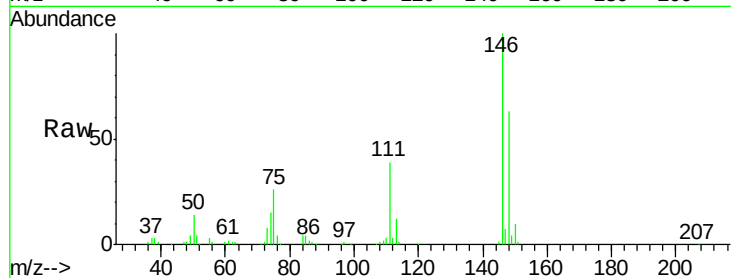




#13
 1,4-Dichlorobenzene
 Concen: 46.41 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.08 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

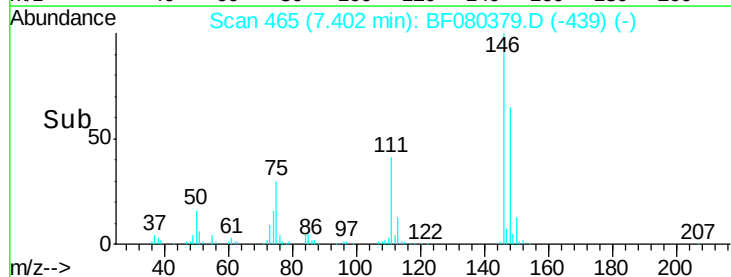
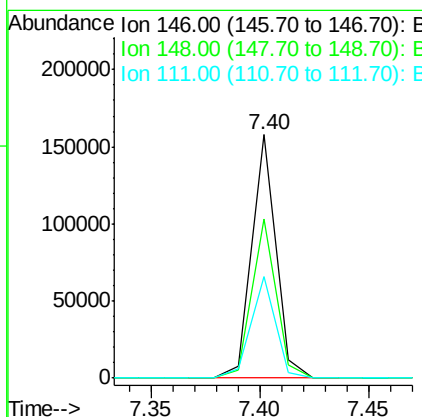
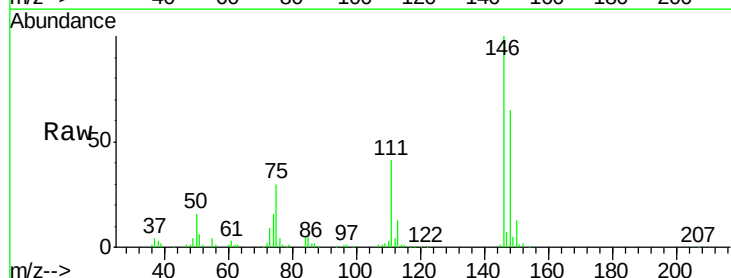
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

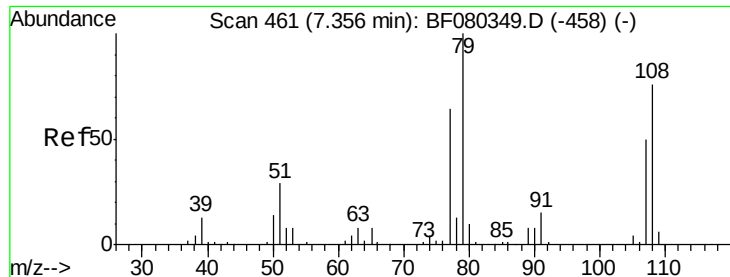
Tgt Ion:146 Resp: 124388
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.4 80.0
 111 38.6 26.2 39.2



#14
 1,2-Dichlorobenzene
 Concen: 44.92 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:146 Resp: 121844
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.3 76.9
 111 41.5 34.6 52.0





#15

Benzyl Alcohol

Concen: 47.90 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

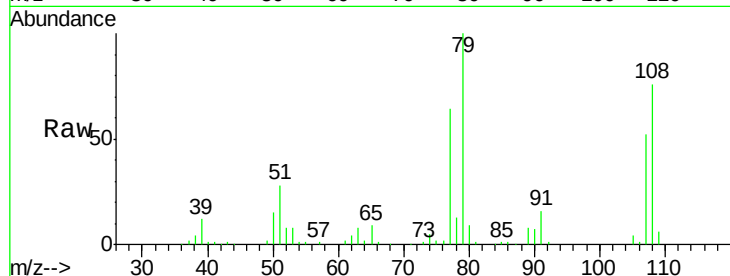
Tgt Ion: 79 Resp: 99112

Ion Ratio Lower Upper

79 100

108 75.6 60.6 90.8

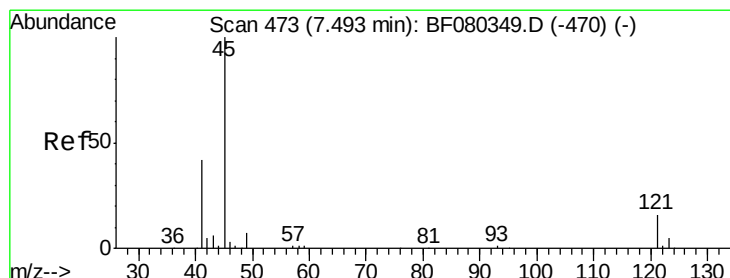
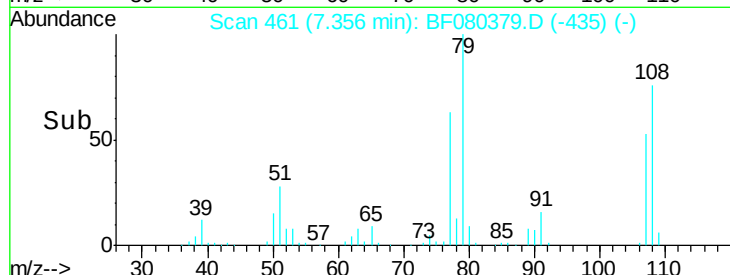
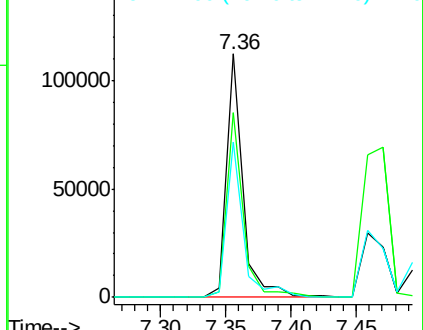
77 63.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.56 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

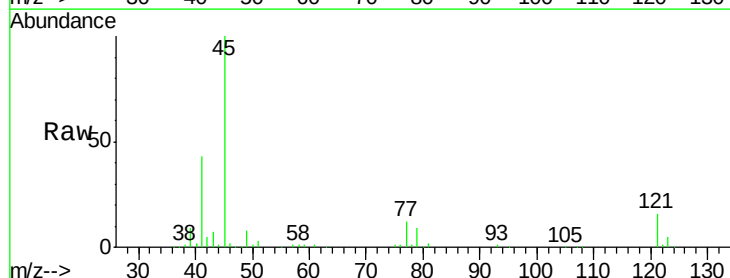
Tgt Ion: 45 Resp: 157559

Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.9

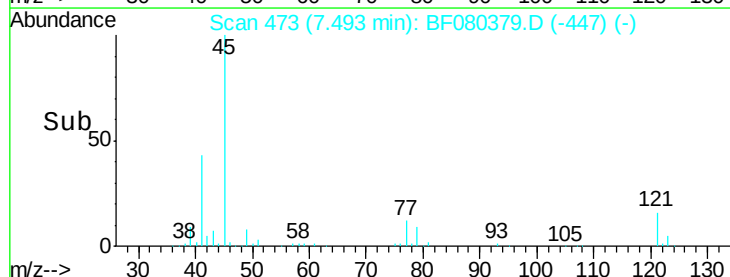
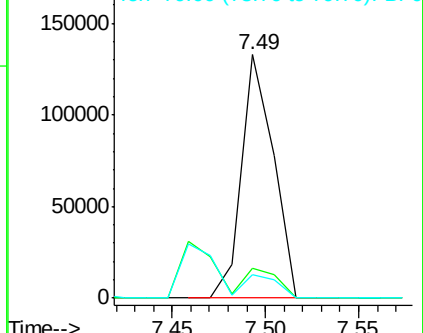
79 9.5 0.0 29.7

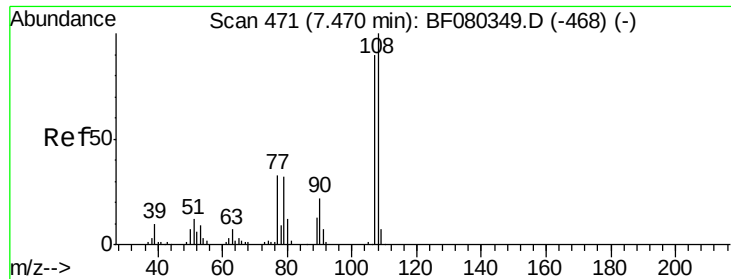


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

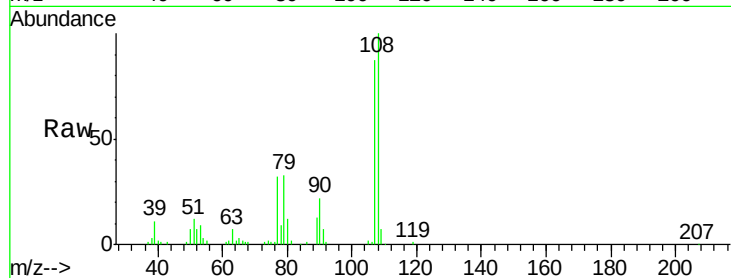




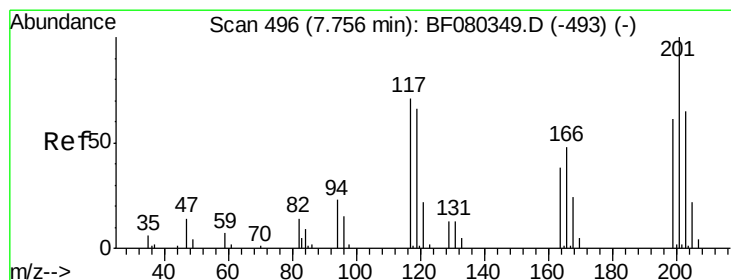
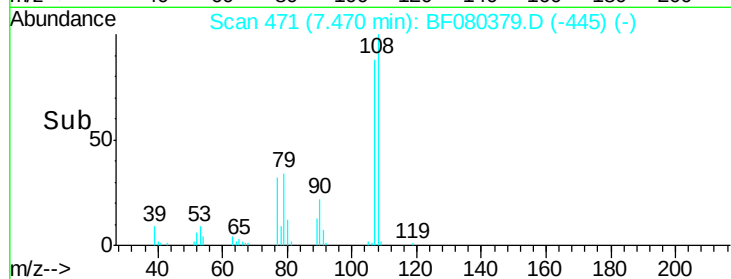
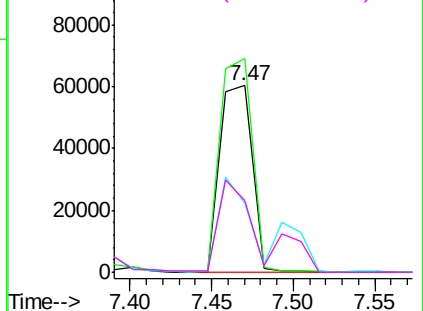
#17
2-Methylphenol
Concen: 45.71 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:107 Resp: 82828
Ion Ratio Lower Upper
107 100
108 114.6 89.3 133.9
77 37.1 29.5 44.3
79 38.2 28.6 43.0

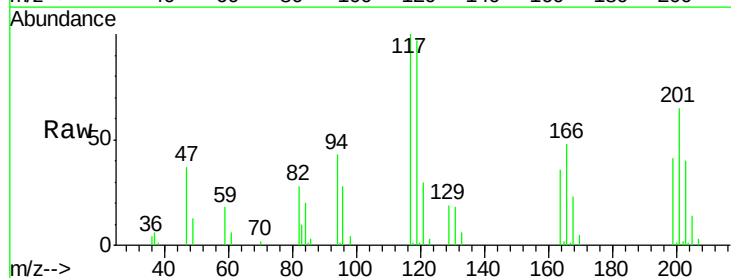


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

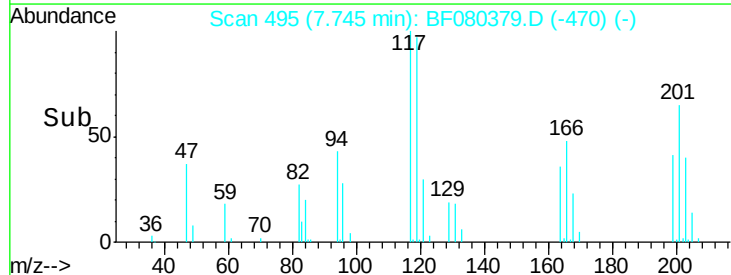
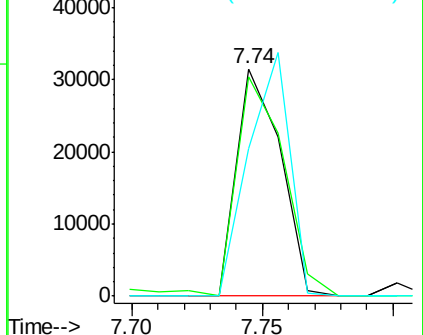


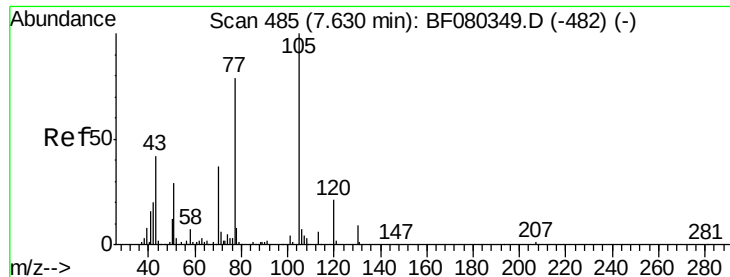
#18
Hexachloroethane
Concen: 43.34 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:117 Resp: 37320
Ion Ratio Lower Upper
117 100
119 96.5 74.2 111.4
201 65.1 112.4 168.6#



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

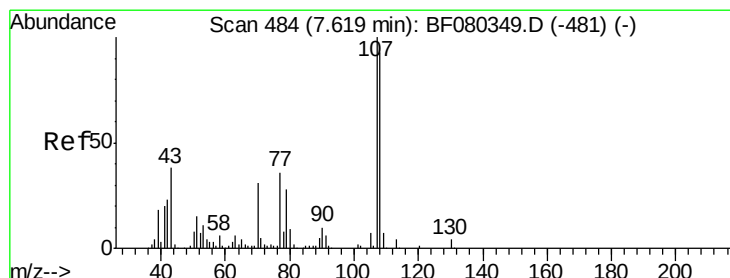
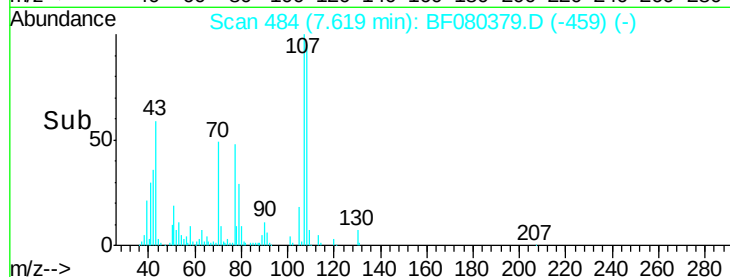
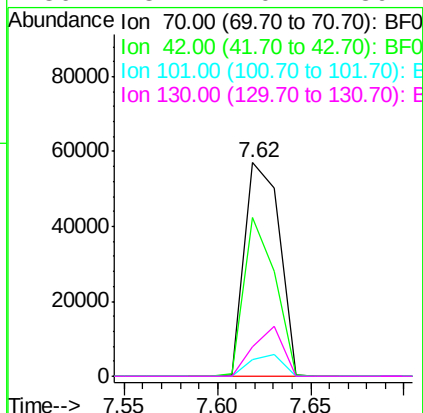
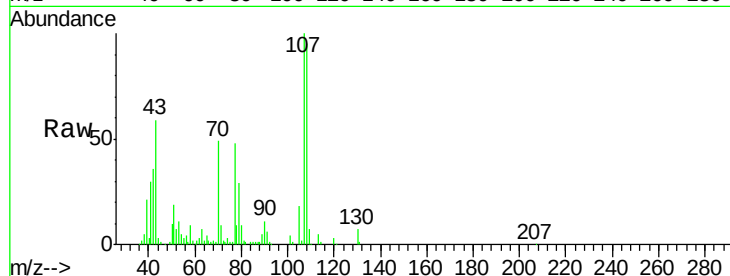




#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

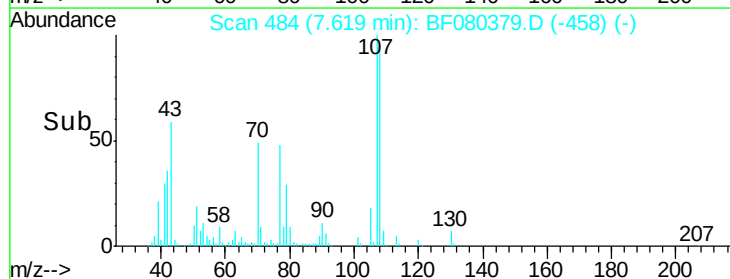
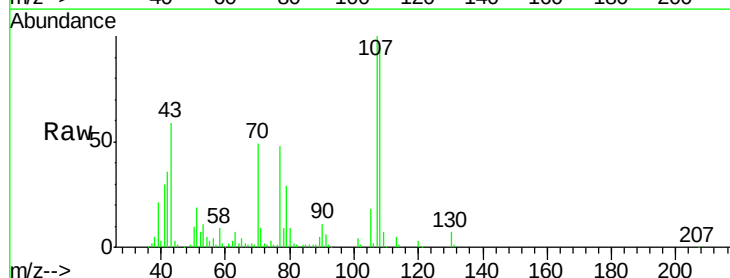
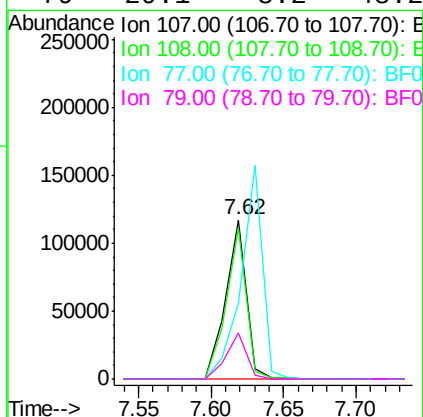
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

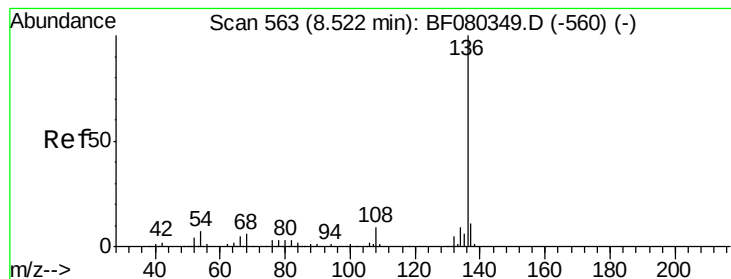
Tgt Ion: 70 Resp: 74200
Ion Ratio Lower Upper
70 100
42 74.2 43.0 64.6#
101 7.6 8.3 12.5#
130 13.7 20.2 30.2#



#20
3+4-Methylphenols
Concen: 45.91 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:107 Resp: 115931
Ion Ratio Lower Upper
107 100
108 95.1 73.4 113.4
77 47.9 16.4 56.4
79 29.1 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion:136 Resp: 140409

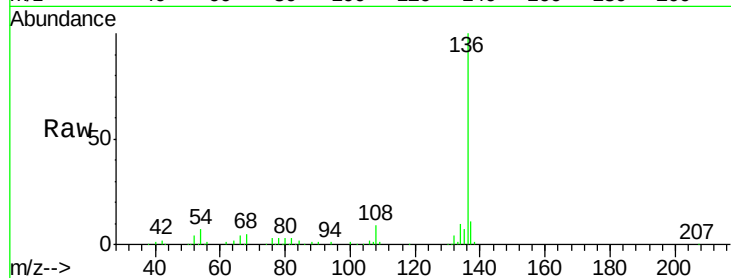
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 5.8 8.8

68 5.3 4.6 6.8

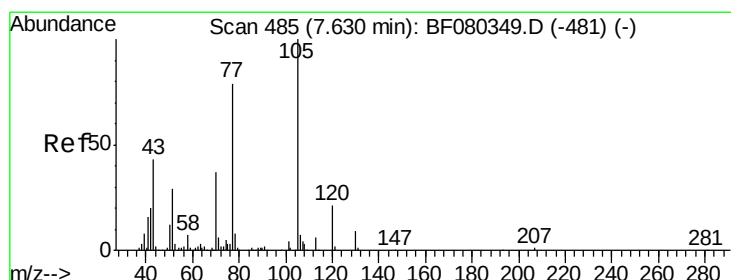
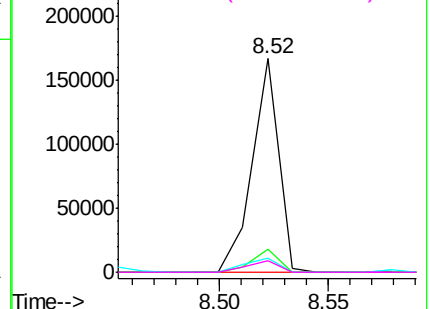
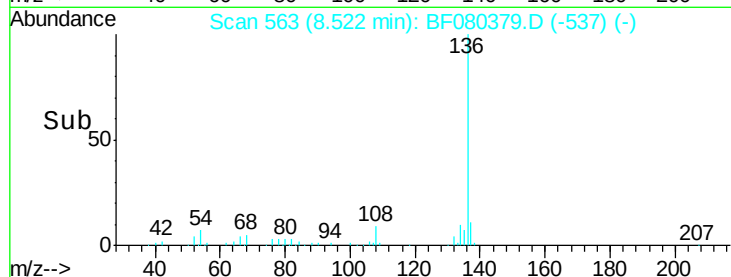


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.99 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:105 Resp: 161945

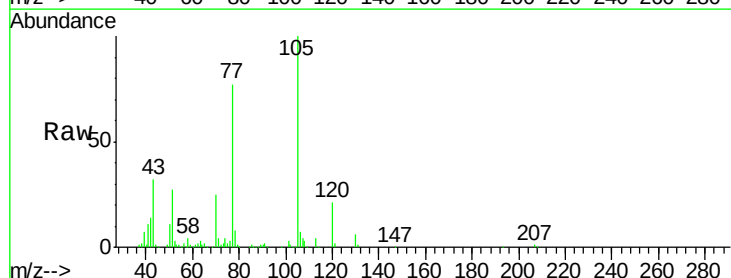
Ion Ratio Lower Upper

105 100

71 4.0 5.0 7.6#

51 27.2 23.2 34.8

120 20.8 17.0 25.4

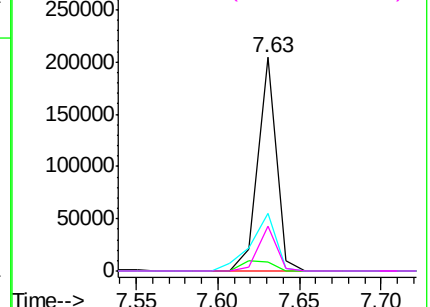
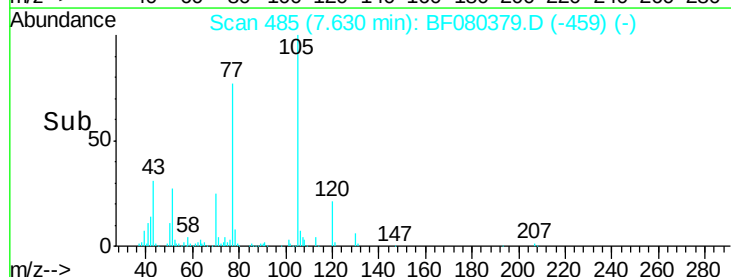


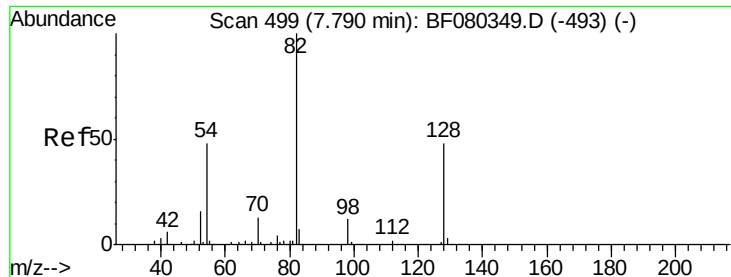
Abundance Ion 105.00 (104.70 to 105.70): E

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

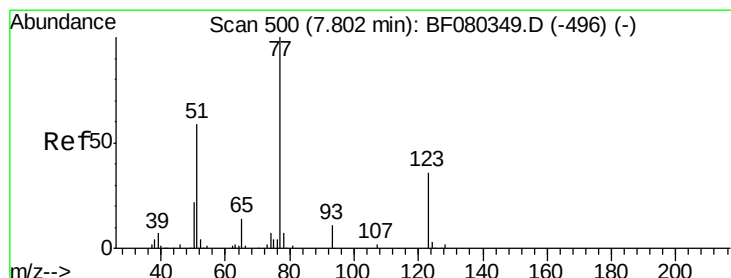
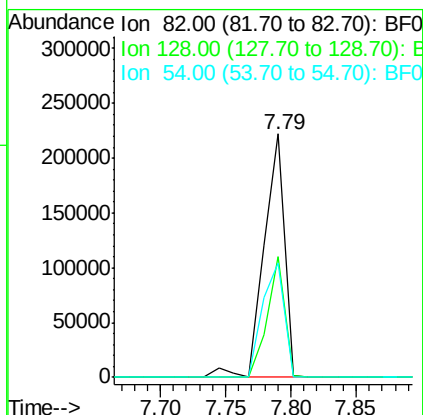
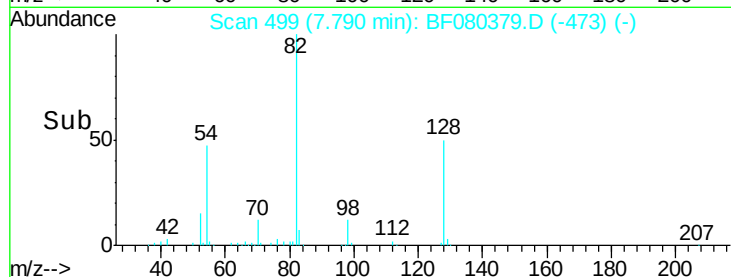
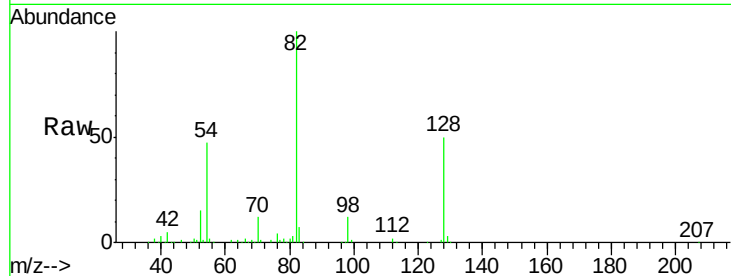




#23
 Nitrobenzene-d5
 Concen: 102.35 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

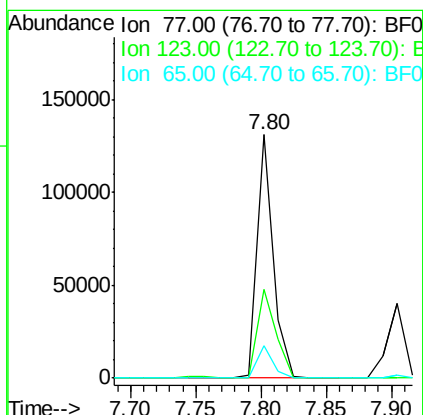
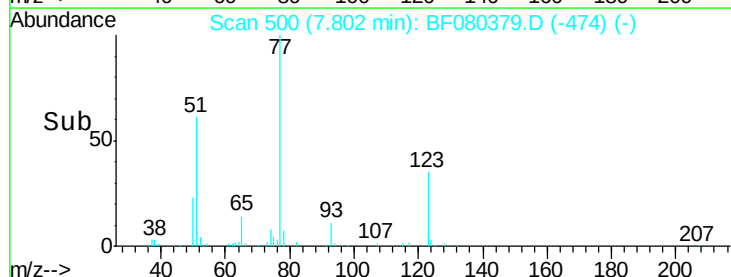
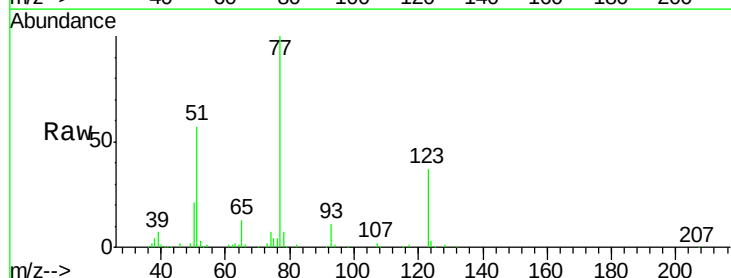
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

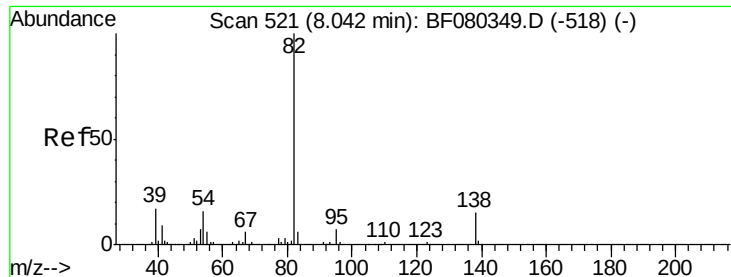
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	38.4	57.6
54	46.9	38.2	57.2



#24
 Nitrobenzene
 Concen: 47.18 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.5	29.6	44.4
65	13.1	11.1	16.7





#25

Isophorone

Concen: 48.15 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

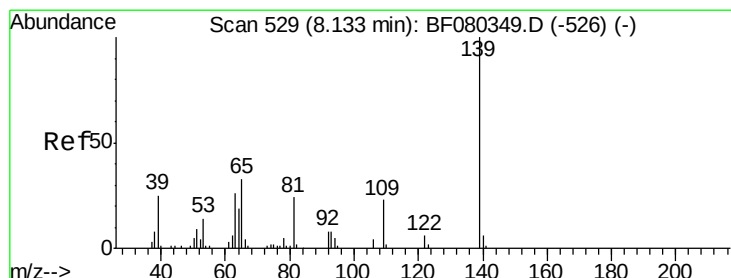
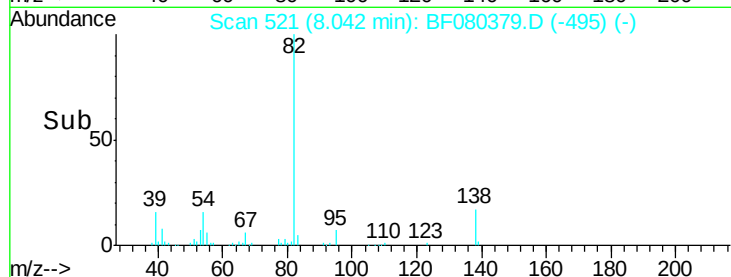
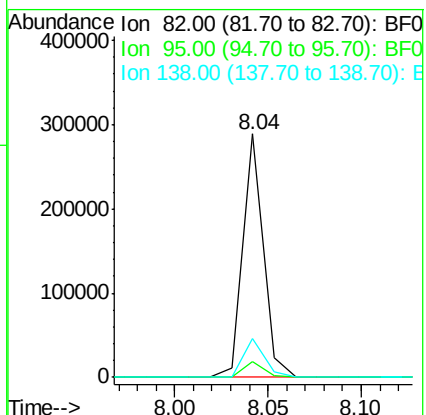
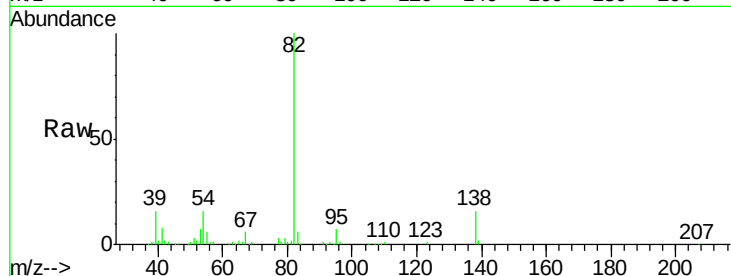
Tgt Ion: 82 Resp: 223102

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 16.1 12.0 18.0



#26

2-Nitrophenol

Concen: 47.15 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

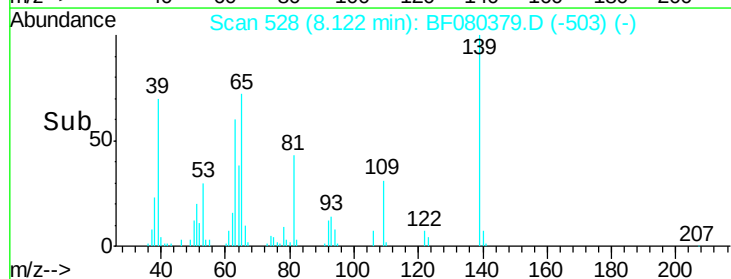
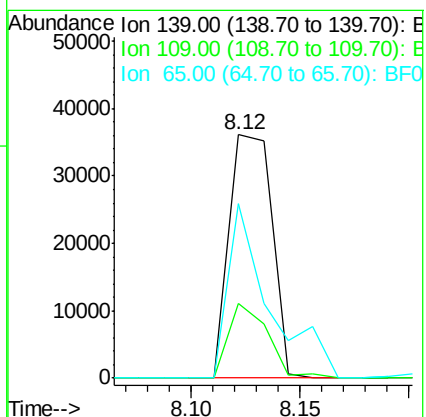
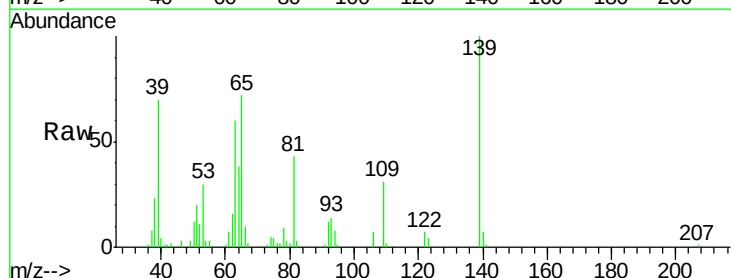
Tgt Ion: 139 Resp: 49340

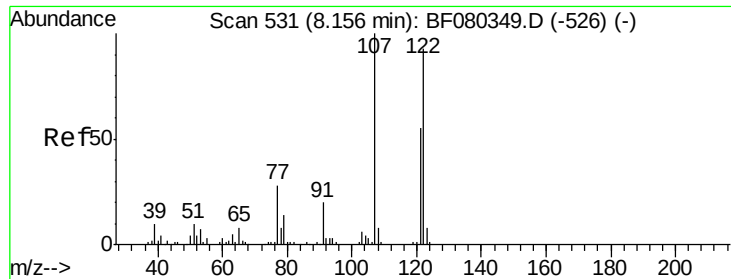
Ion Ratio Lower Upper

139 100

109 30.7 18.4 27.6#

65 71.6 26.7 40.1#

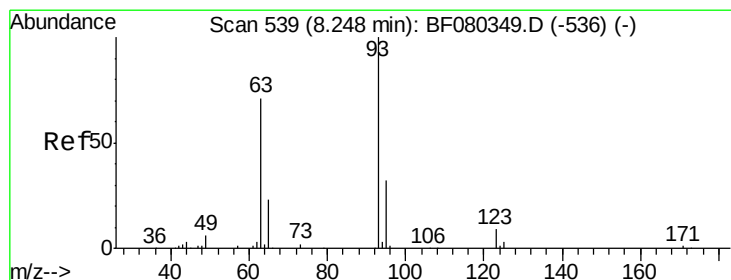
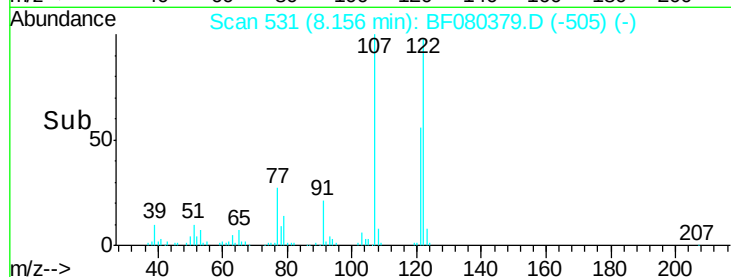
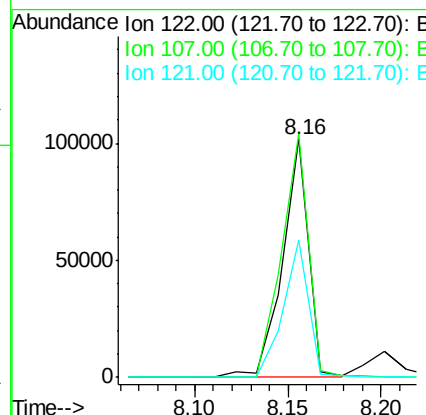
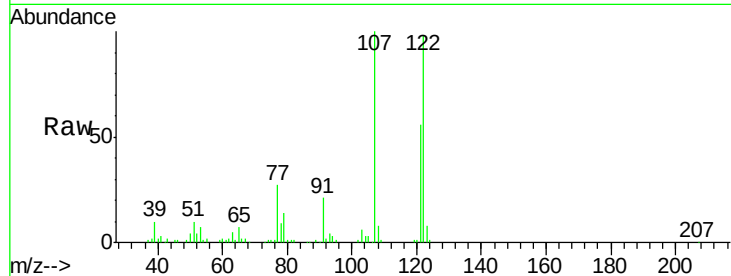




#27
 2,4-Dimethylphenol
 Concen: 48.28 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

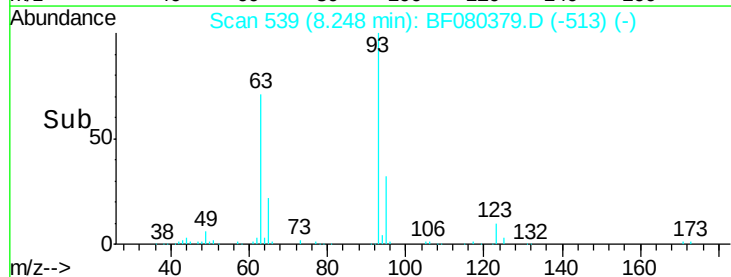
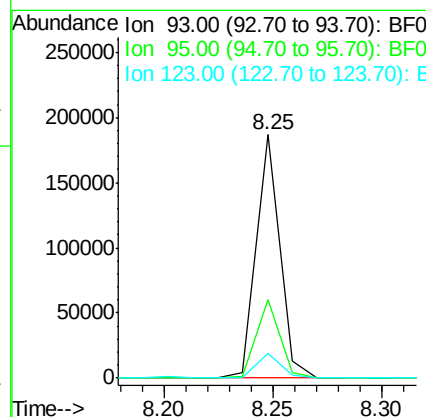
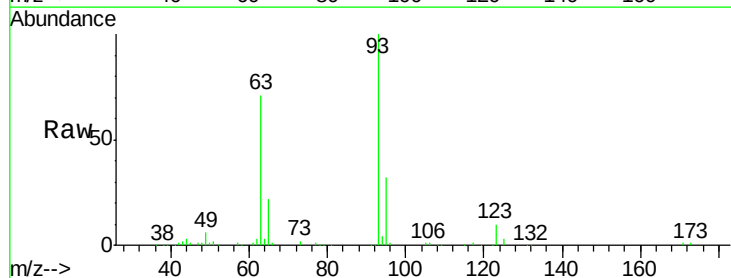
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

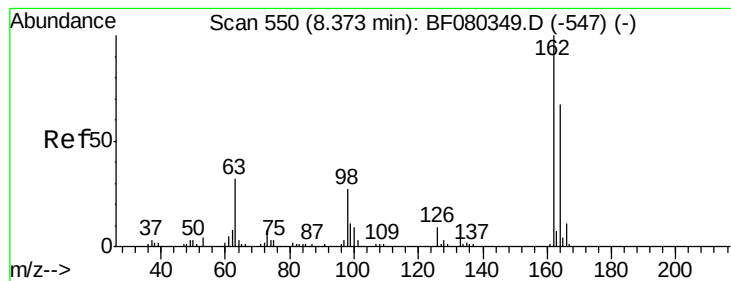
Tgt Ion:122 Resp: 99398
 Ion Ratio Lower Upper
 122 100
 107 102.3 85.8 128.6
 121 57.5 46.9 70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.84 ng
 RT: 8.25 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion: 93 Resp: 140542
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.3 37.9
 123 9.9 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 49.39 ng

RT: 8.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

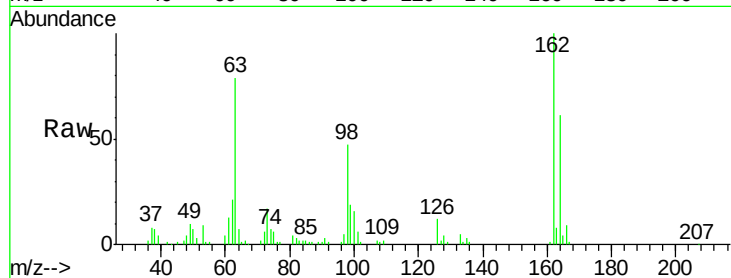
Tgt Ion:162 Resp: 90298

Ion Ratio Lower Upper

162 100

164 60.9 47.0 87.0

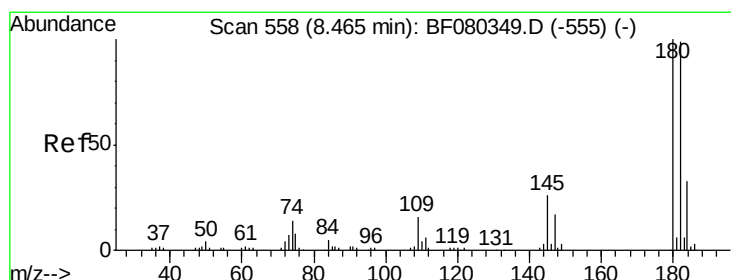
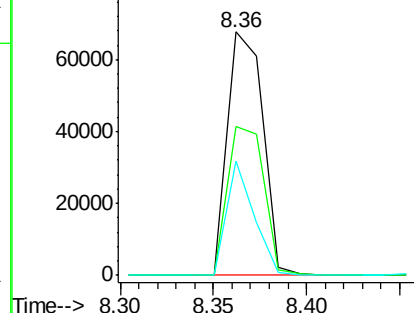
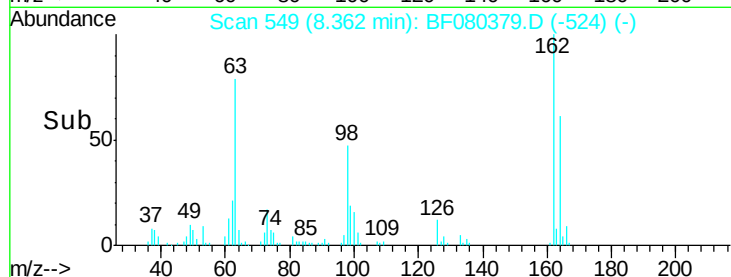
98 47.1 6.6 46.6#



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: 43.36 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

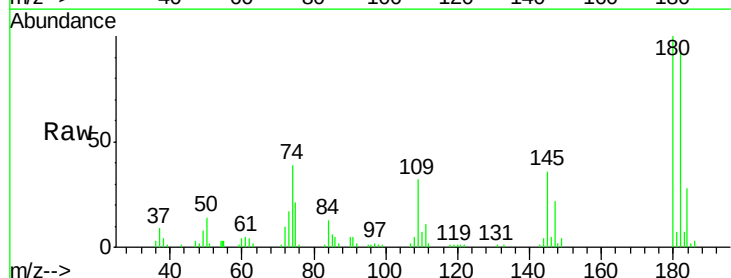
Tgt Ion:180 Resp: 94204

Ion Ratio Lower Upper

180 100

182 91.9 79.0 118.4

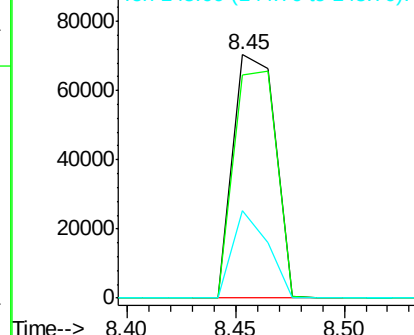
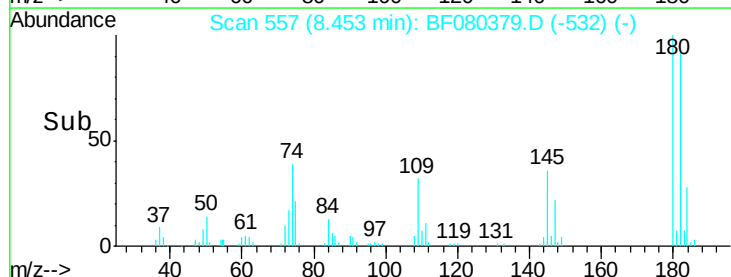
145 35.8 20.5 30.7#

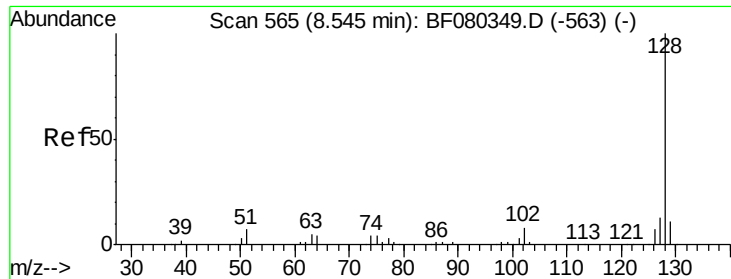


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

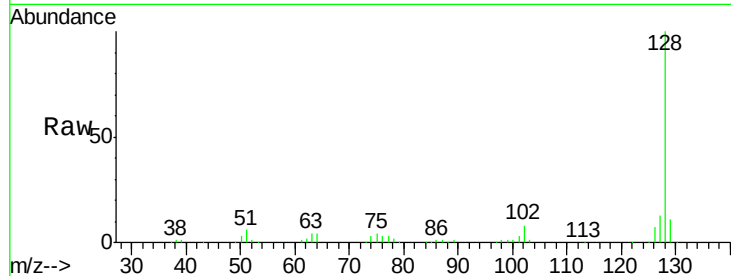




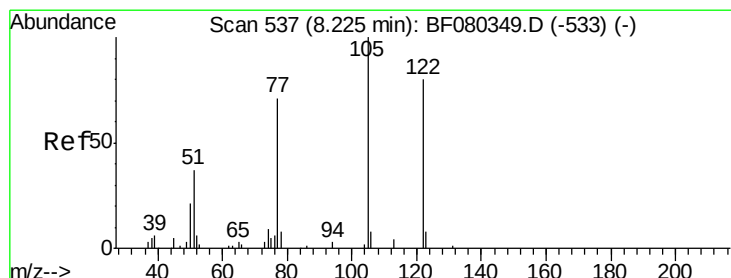
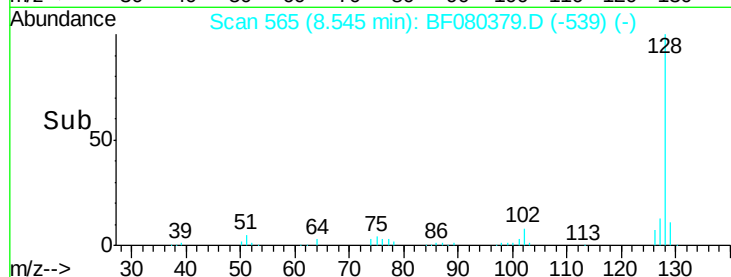
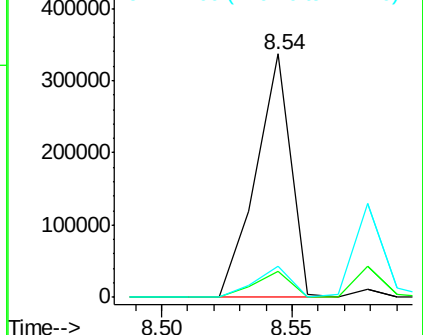
#31
Naphthalene
Concen: 43.87 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:128 Resp: 315948
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.0 10.4 15.6

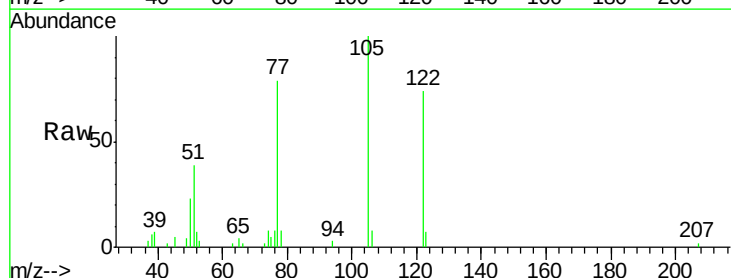


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

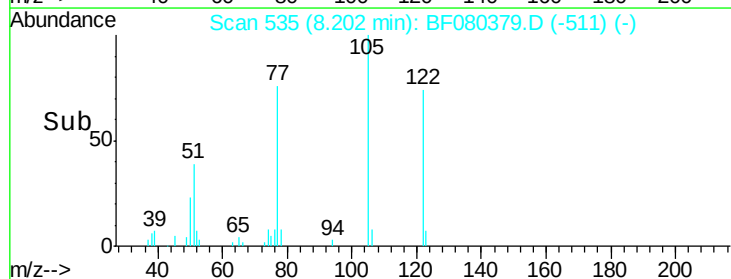
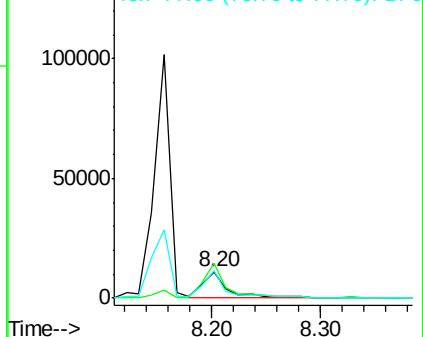


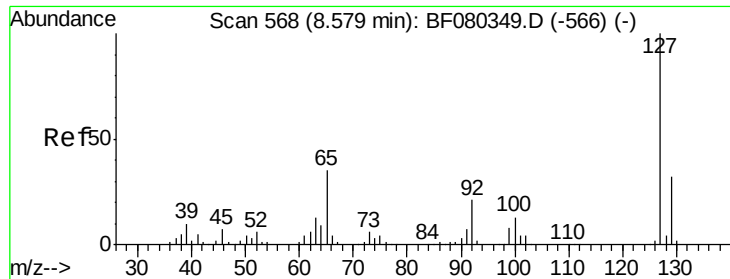
#32
Benzoic acid
Concen: 21.58 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:122 Resp: 17648
Ion Ratio Lower Upper
122 100
105 135.0 102.2 142.2
77 107.0 68.8 108.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

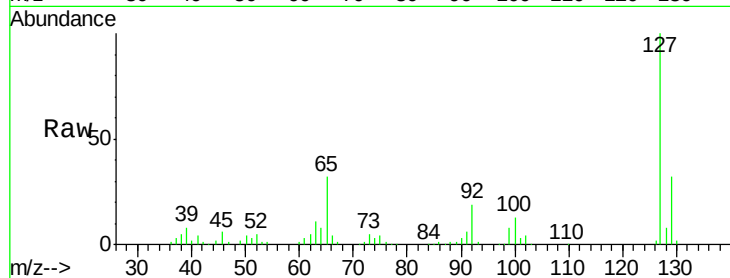




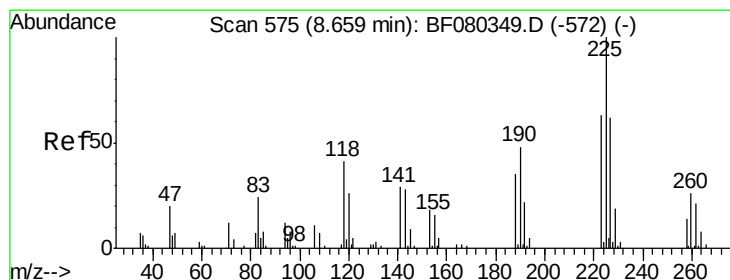
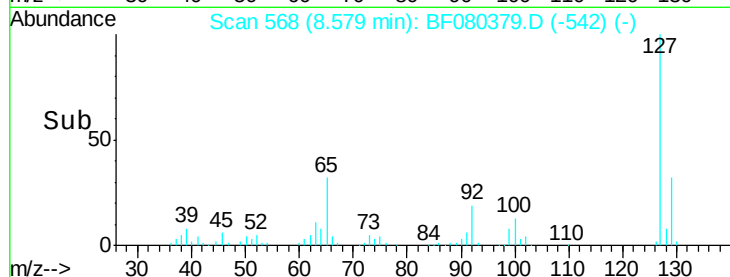
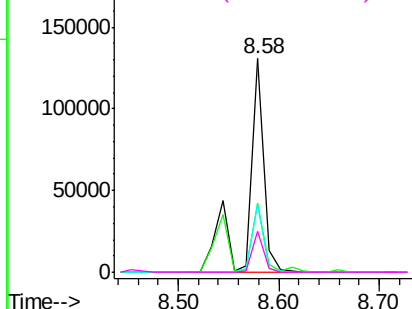
#33
4-Chloroaniline
Concen: 50.45 ng
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:	127	Resp:	144820
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	31.6	28.1	42.1
92	19.3	16.6	24.8

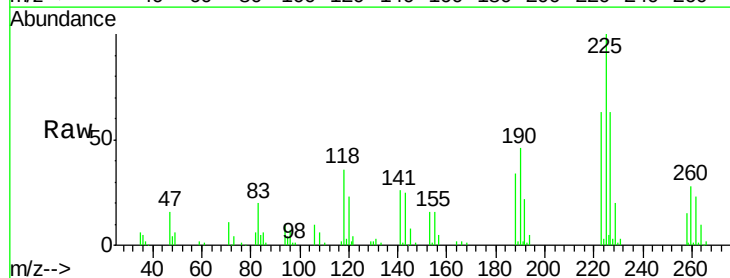


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

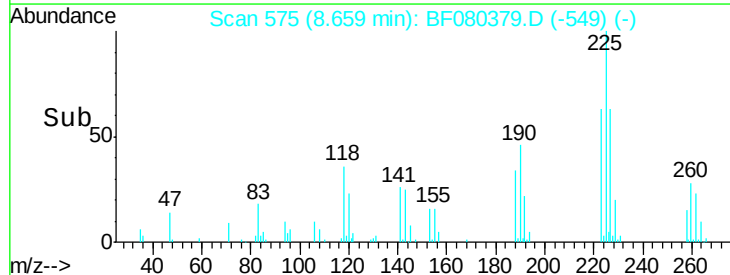
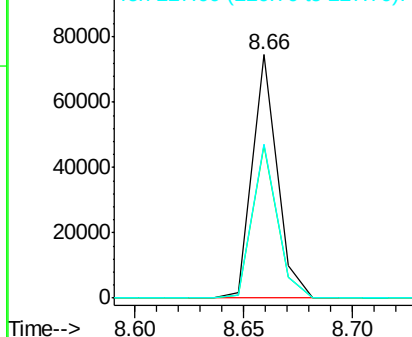


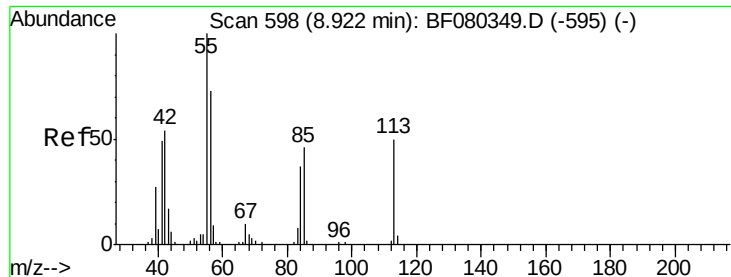
#34
Hexachlorobutadiene
Concen: 44.78 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:	225	Resp:	59189
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.5	49.4	74.2



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

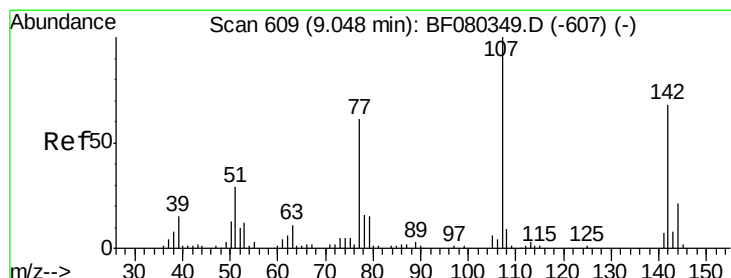
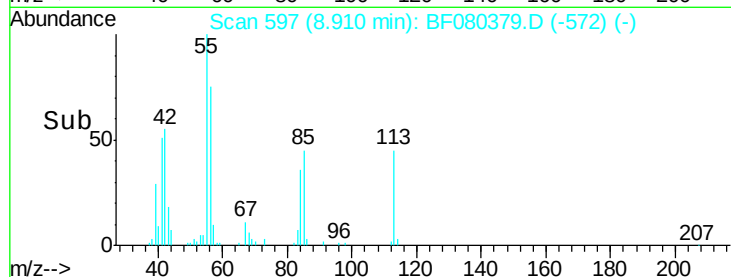
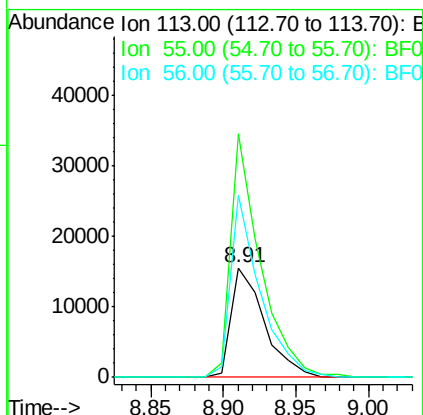
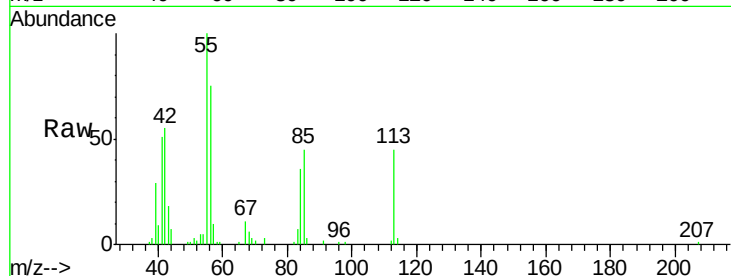




#35
 Caprolactam
 Concen: 43.57 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

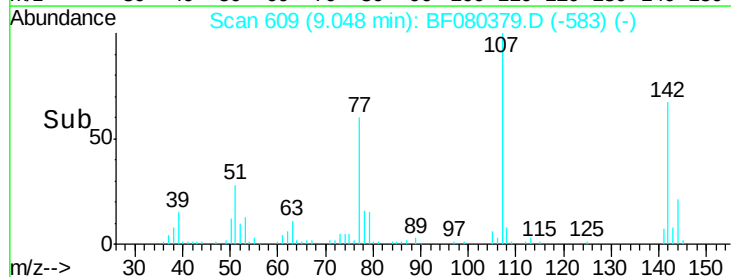
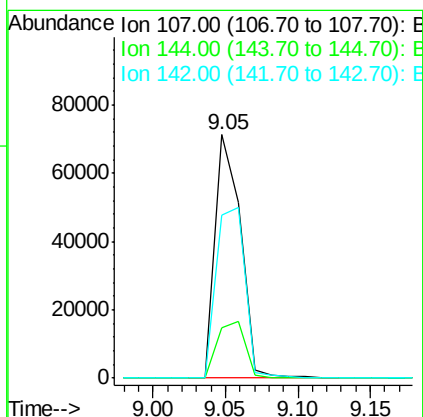
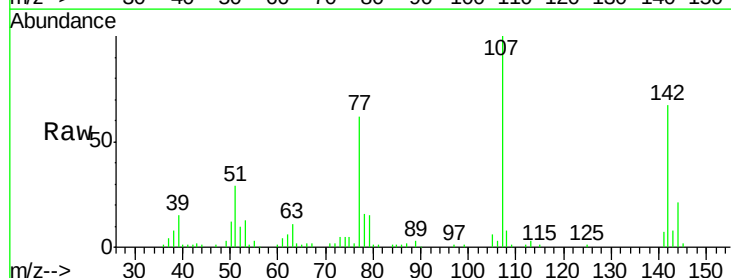
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

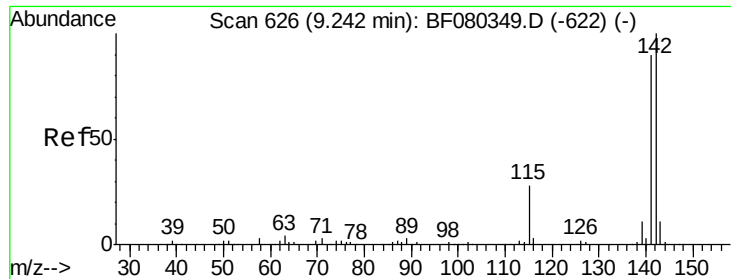
Tgt Ion:113 Resp: 24599
 Ion Ratio Lower Upper
 113 100
 55 222.3 181.4 221.4#
 56 165.9 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.05 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:107 Resp: 86865
 Ion Ratio Lower Upper
 107 100
 144 20.9 16.7 25.1
 142 66.7 54.4 81.6

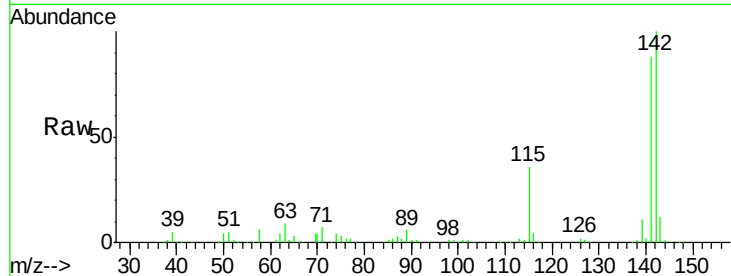




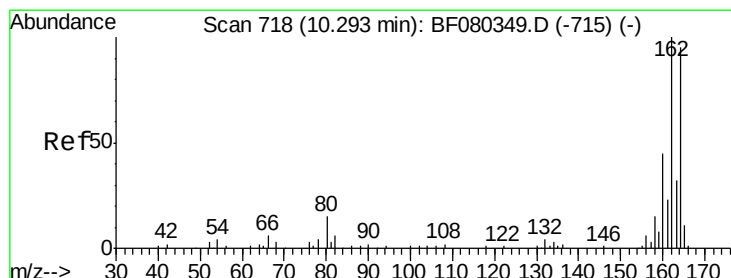
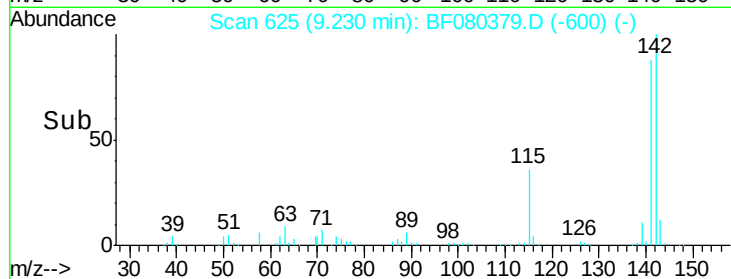
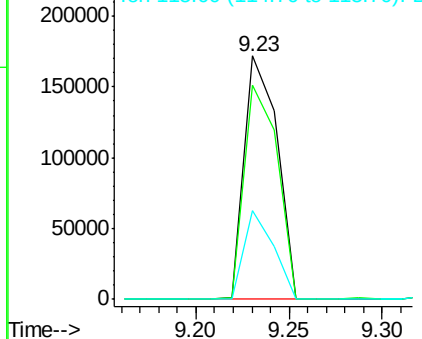
#37
 2-Methylnaphthalene
 Concen: 45.94 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:142 Resp: 210952
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.8 107.8
 115 36.2 22.6 34.0#

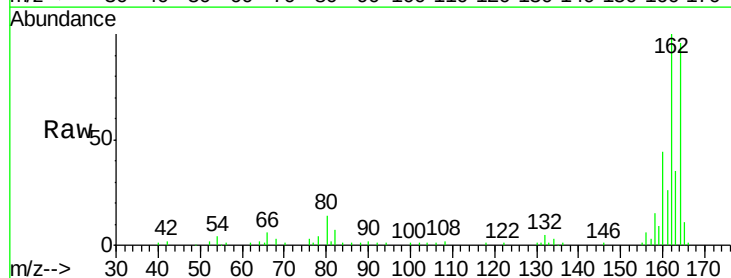


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

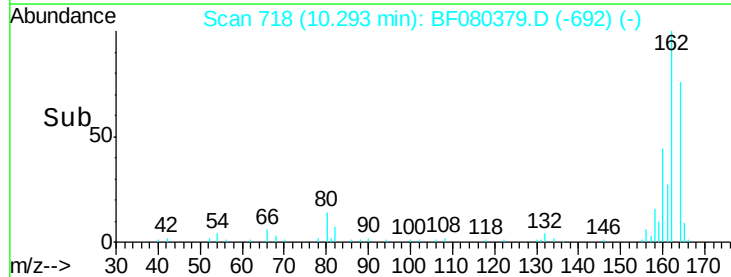
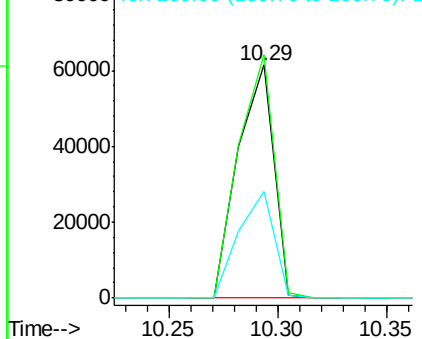


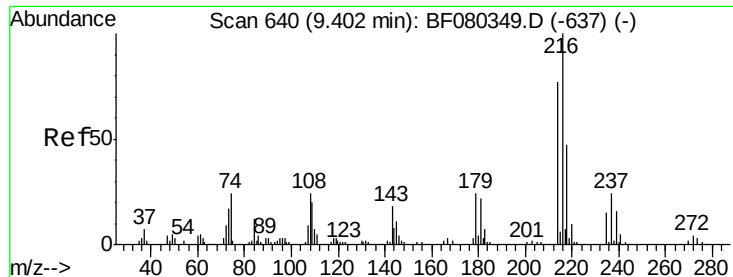
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:164 Resp: 70113
 Ion Ratio Lower Upper
 164 100
 162 104.4 84.5 126.7
 160 45.7 37.7 56.5



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

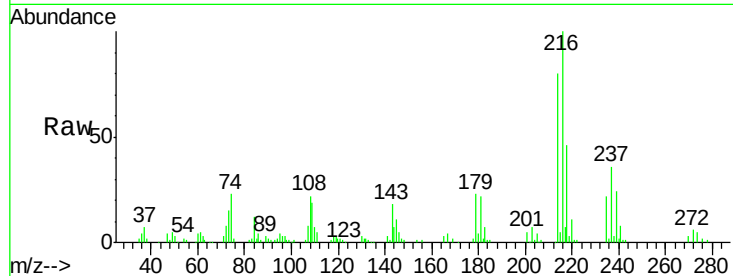




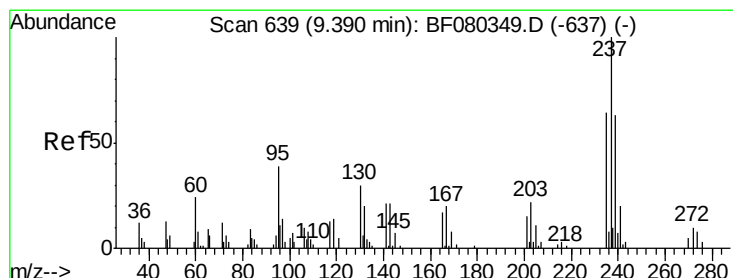
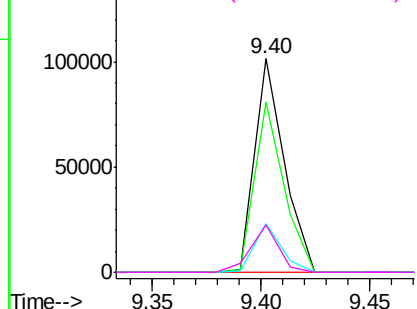
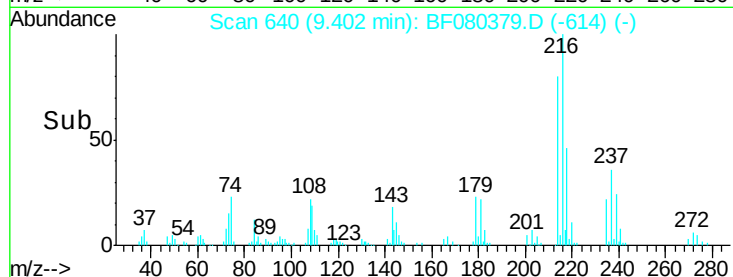
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.99 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:216 Resp: 95521
 Ion Ratio Lower Upper
 216 100
 214 78.6 61.2 91.8
 179 21.1 16.9 25.3
 108 20.9 16.2 24.4

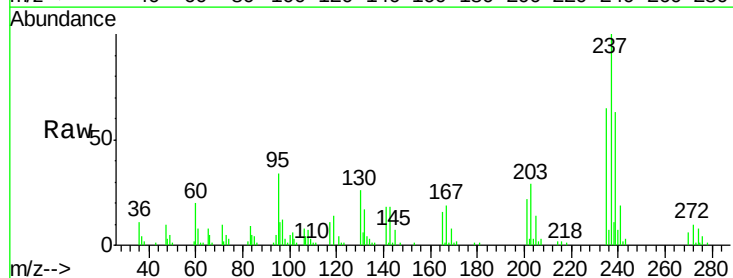


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

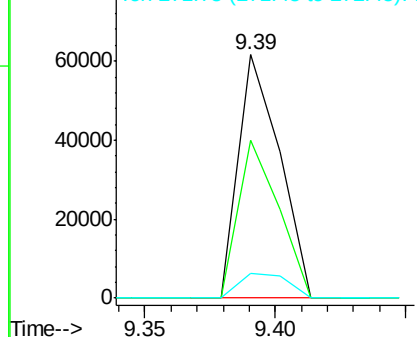
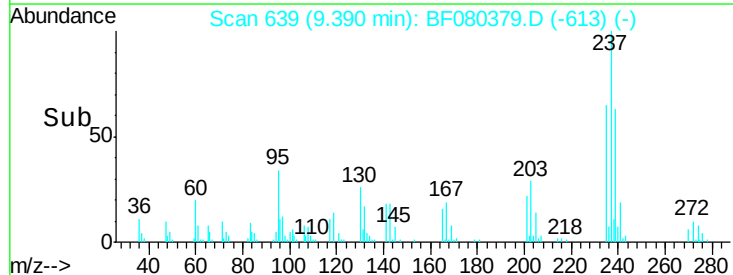


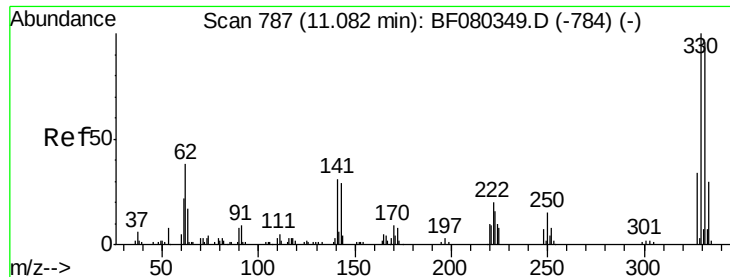
#40
 Hexachlorocyclopentadiene
 Concen: 73.78 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:237 Resp: 67598
 Ion Ratio Lower Upper
 237 100
 235 64.7 44.2 84.2
 272 10.4 0.0 29.7



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

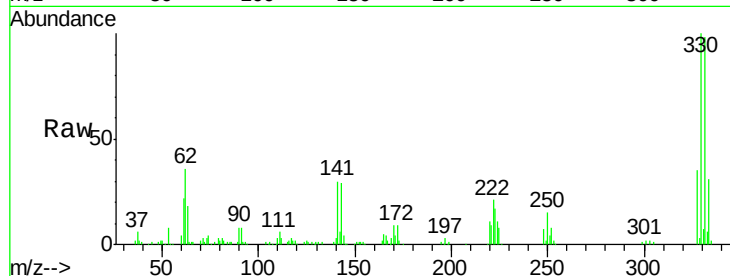




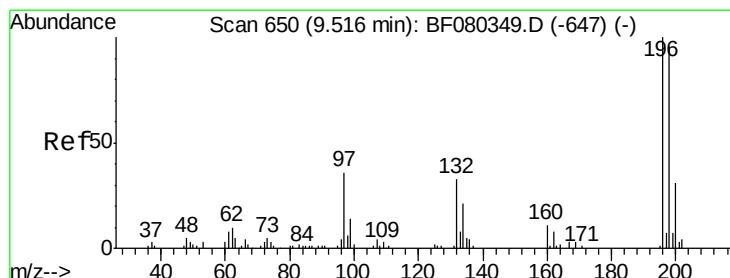
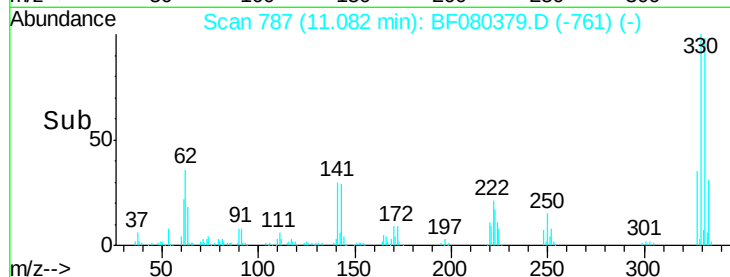
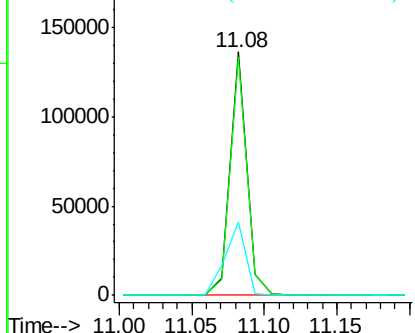
#41
 2,4,6-Tribromophenol
 Concen: 149.03 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:330 Resp: 109335
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.4
 141 37.4 29.6 44.4

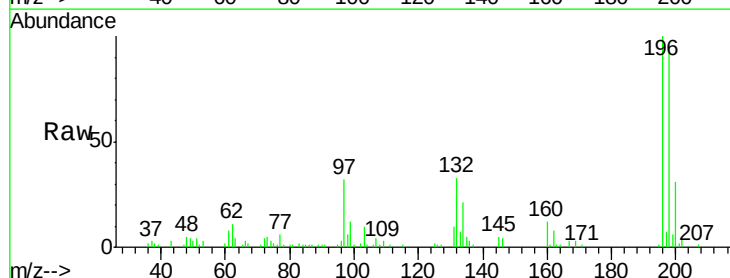


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

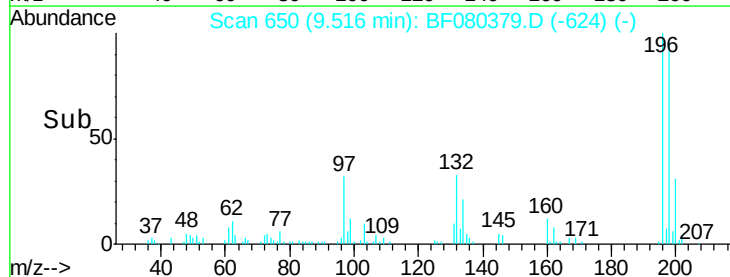
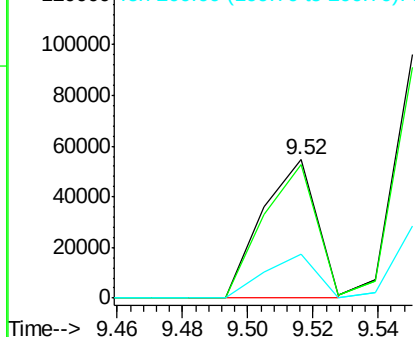


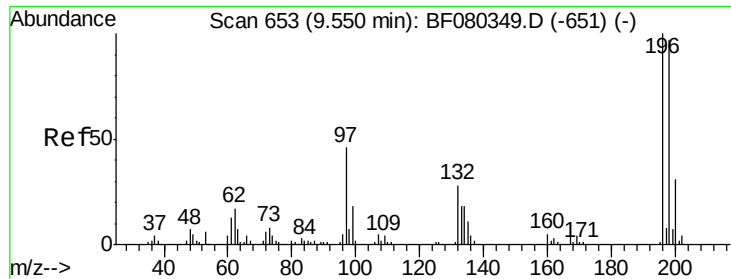
#42
 2,4,6-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:196 Resp: 63094
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.4 114.6
 200 31.5 24.6 37.0



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

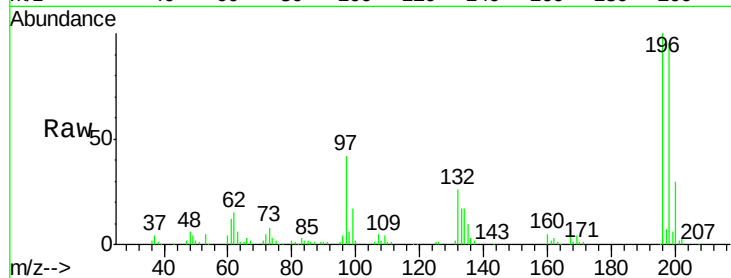




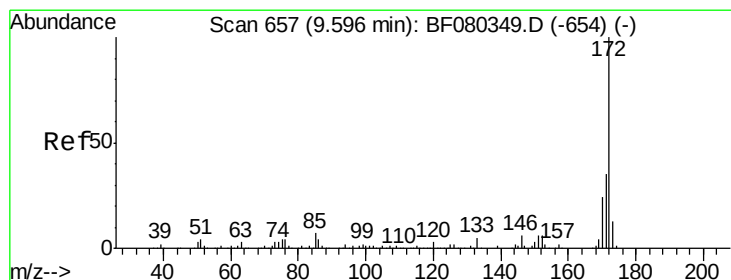
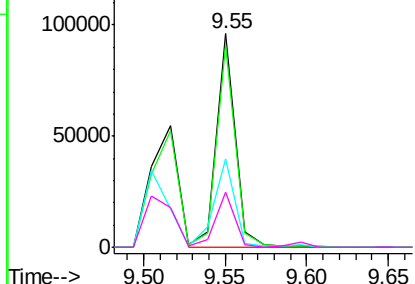
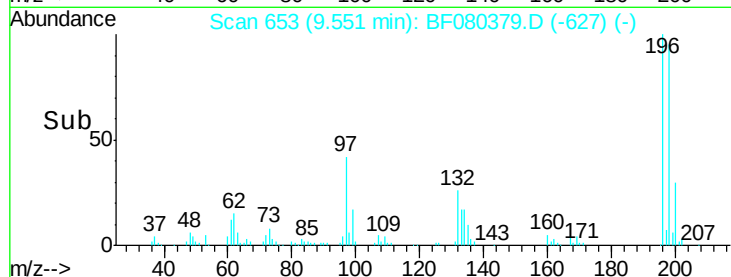
#43
 2,4,5-Trichlorophenol
 Concen: 44.92 ng
 RT: 9.55 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:196 Resp: 76644
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.2 115.8
 97 41.6 37.0 55.6
 132 25.8 22.2 33.2

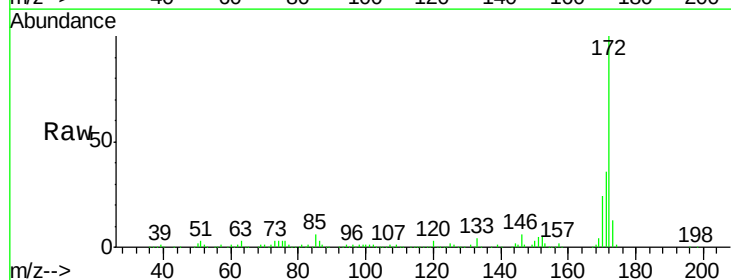


Abundance Ion 196.00 (195.70 to 196.70): E
 150000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

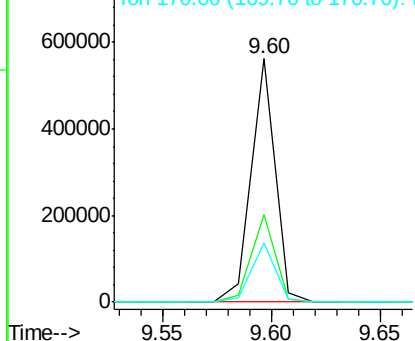
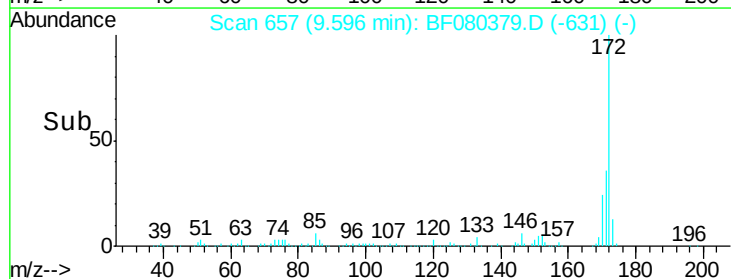


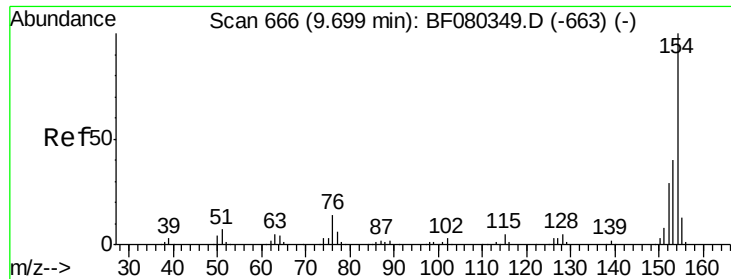
#44
 2-Fluorobiphenyl
 Concen: 82.90 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:172 Resp: 430708
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 24.2 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 600000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

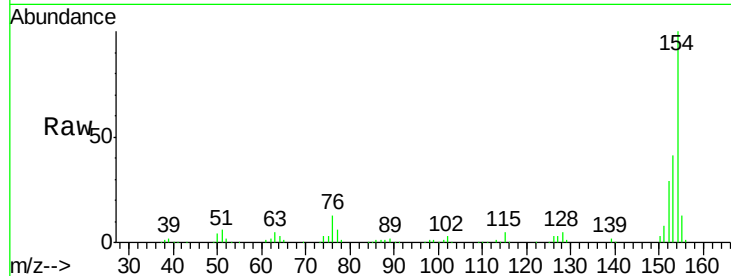




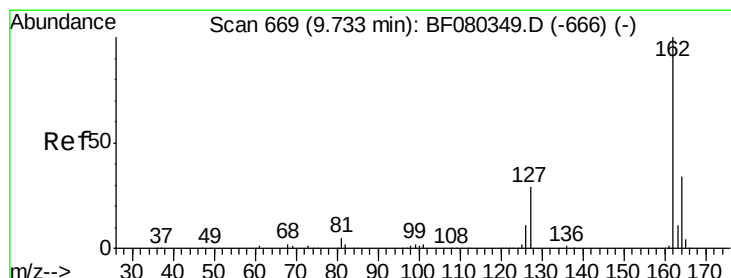
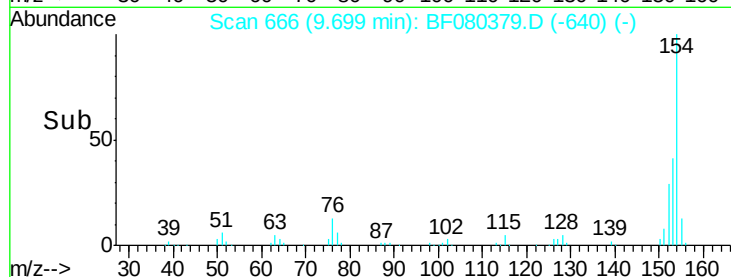
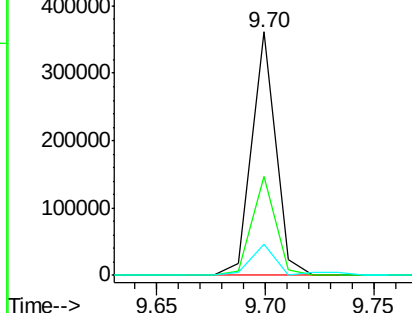
#45
 1,1'-Biphenyl
 Concen: 44.33 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.8	59.8
76	13.0	0.0	33.6

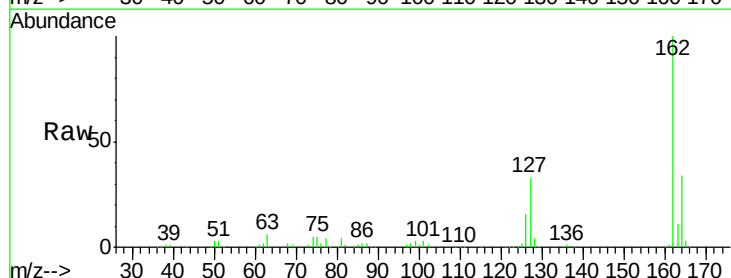


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

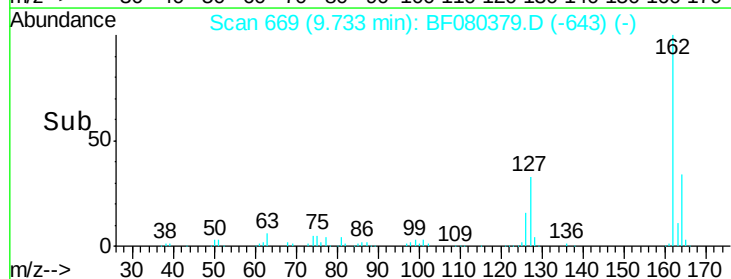
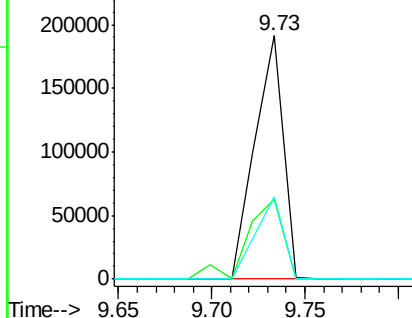


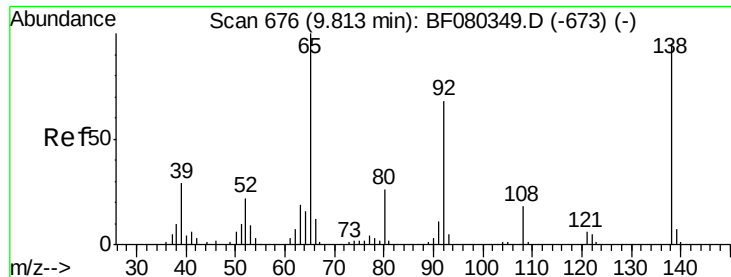
#46
 2-Chloronaphthalene
 Concen: 42.18 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.8	27.3	40.9
164	33.6	27.2	40.8



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

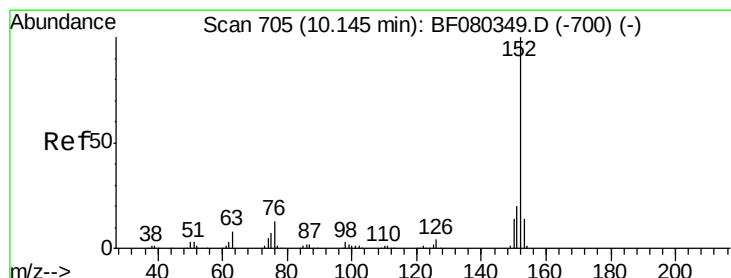
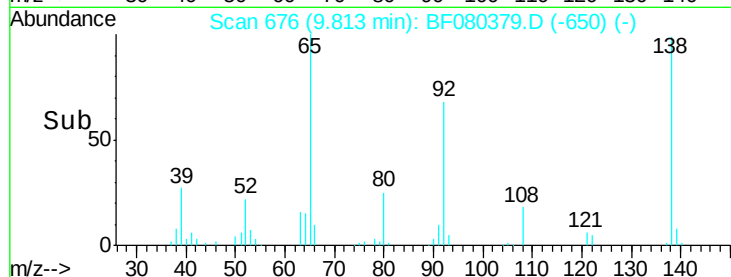
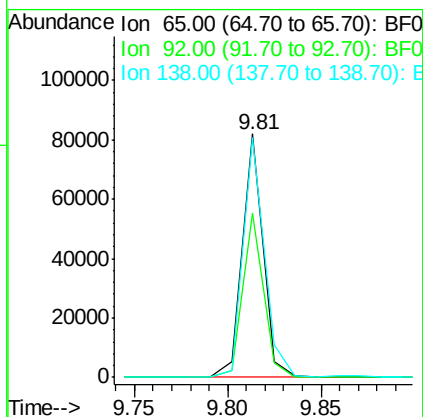
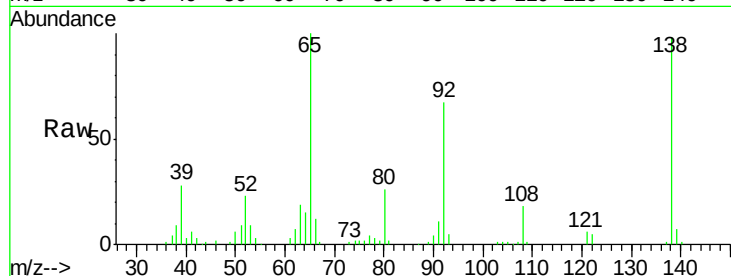




#47
2-Nitroaniline
Concen: 48.19 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

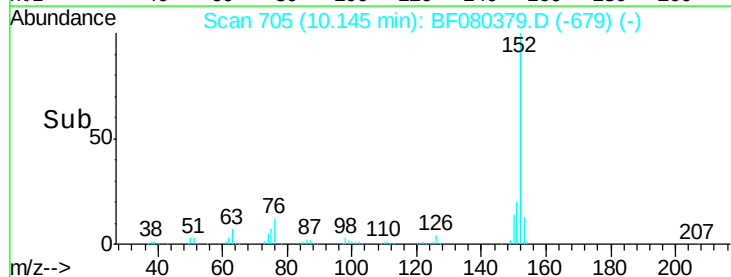
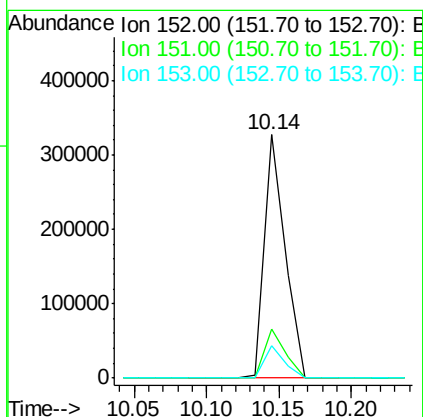
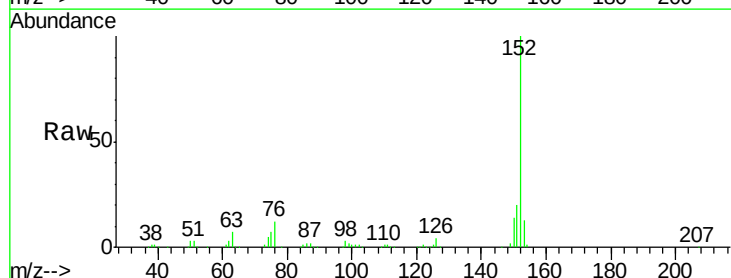
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

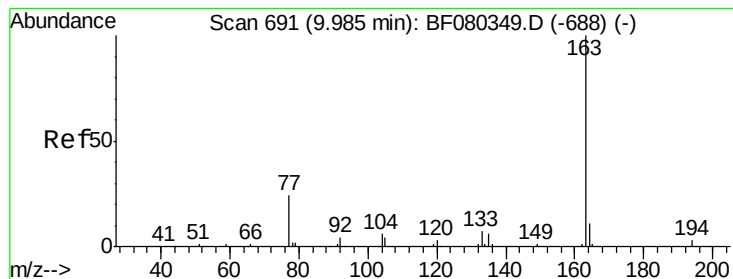
Tgt Ion: 65 Resp: 63981
Ion Ratio Lower Upper
65 100
92 67.2 54.2 81.2
138 98.3 76.1 114.1



#48
Acenaphthylene
Concen: 41.03 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion: 152 Resp: 324067
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.3 11.0 16.4





#49

Dimethylphthalate

Concen: 63.19 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

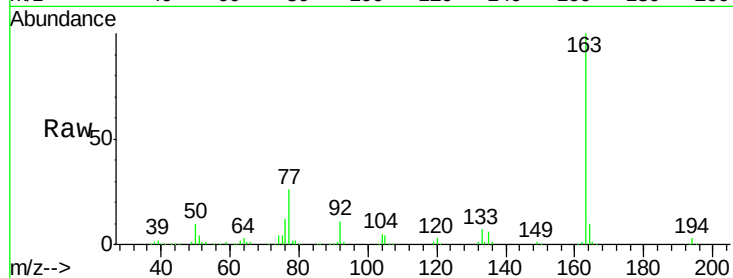
Tgt Ion:163 Resp: 355714

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

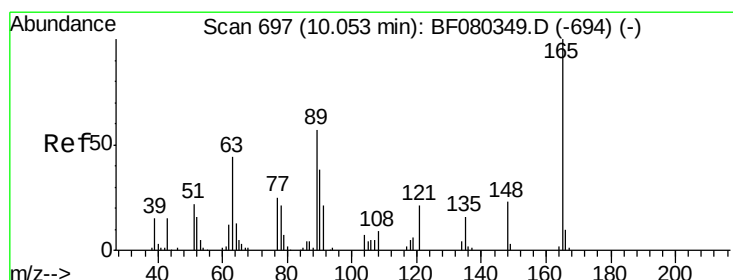
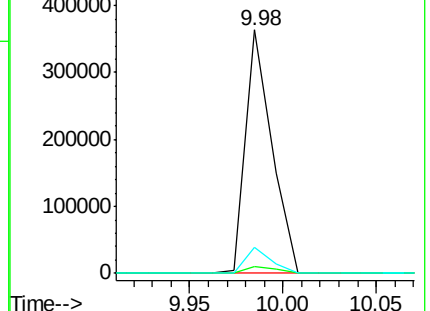
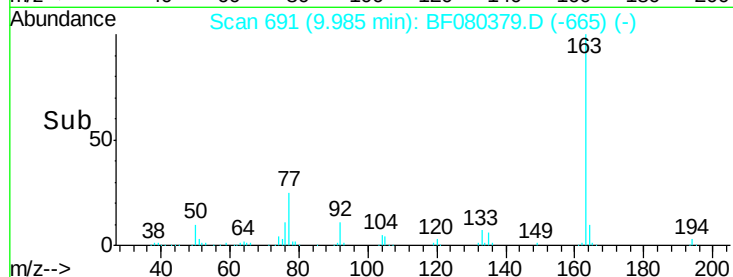
164 10.5 8.5 12.7



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: 46.54 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

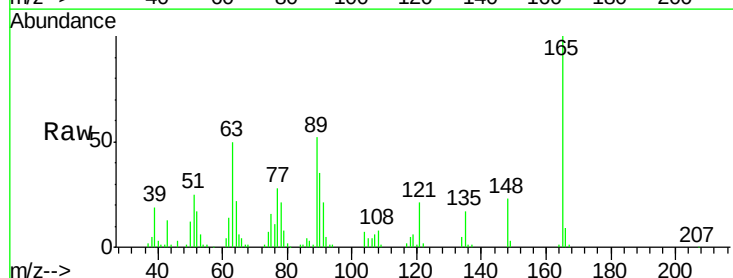
Tgt Ion:165 Resp: 54770

Ion Ratio Lower Upper

165 100

63 49.9 44.8 67.2

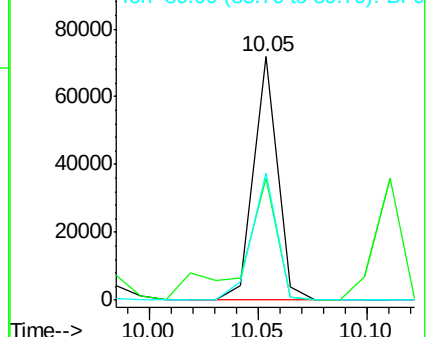
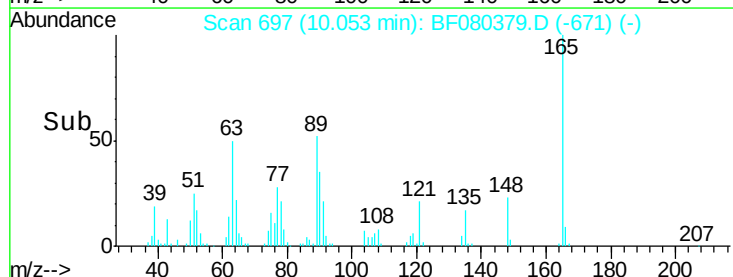
89 52.0 45.9 68.9

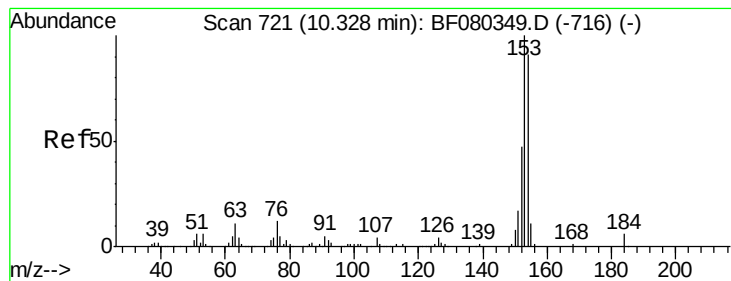


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.69 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

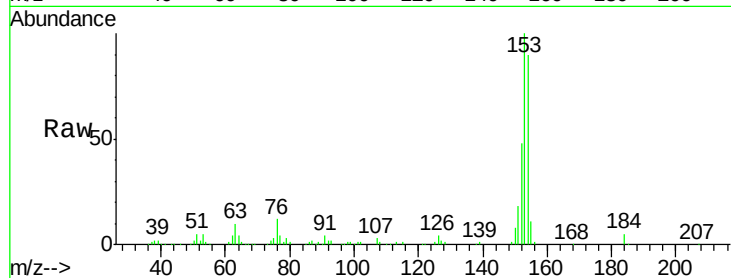
Tgt Ion:154 Resp: 192377

Ion Ratio Lower Upper

154 100

153 110.6 88.1 132.1

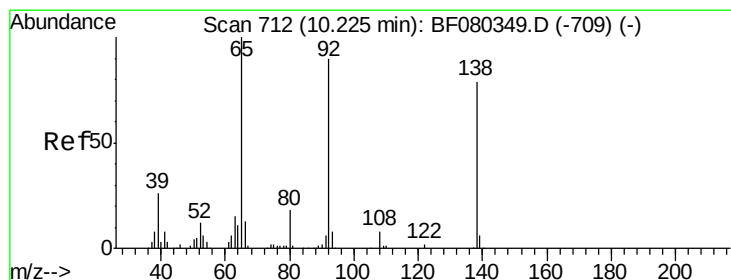
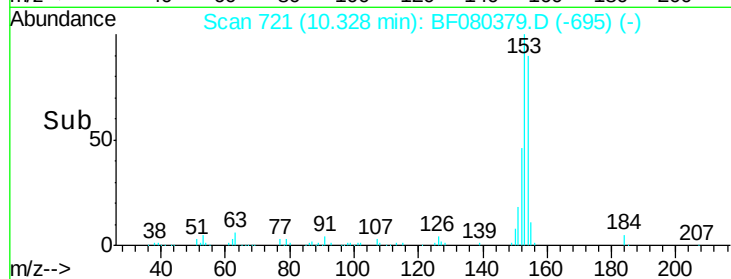
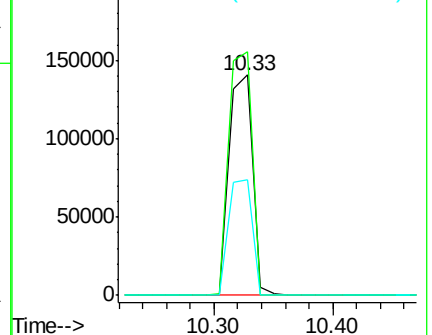
152 52.7 41.8 62.6



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: 41.48 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

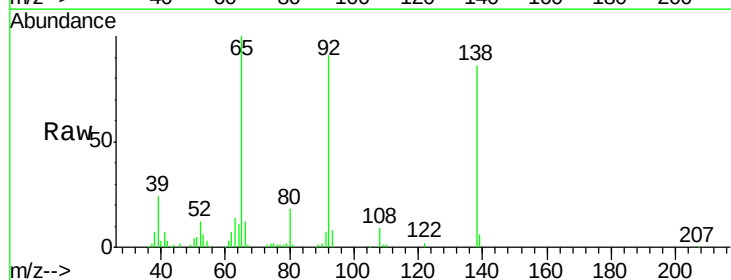
Tgt Ion:138 Resp: 55011

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.8

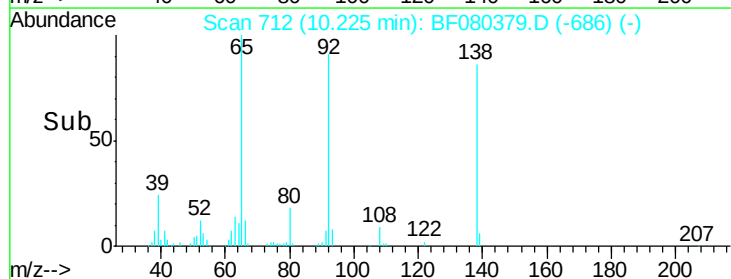
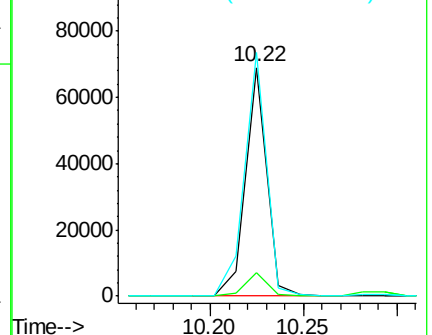
92 106.5 91.0 136.6

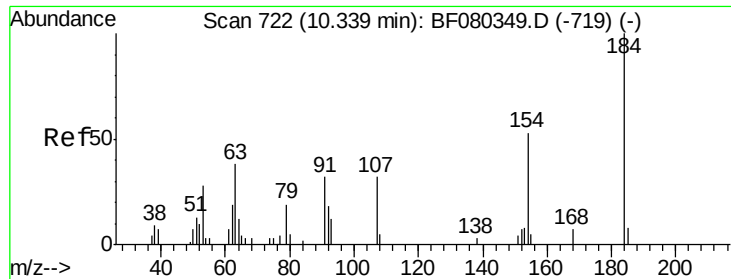


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

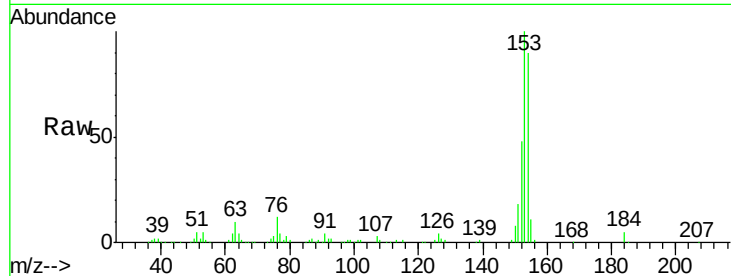




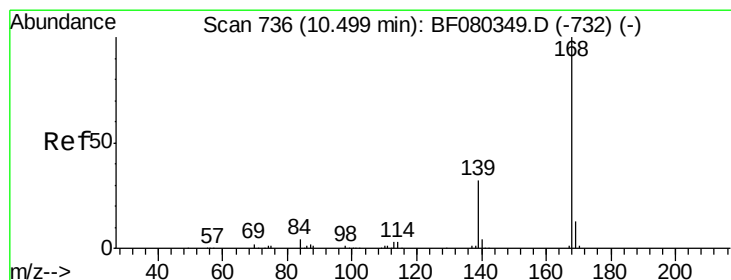
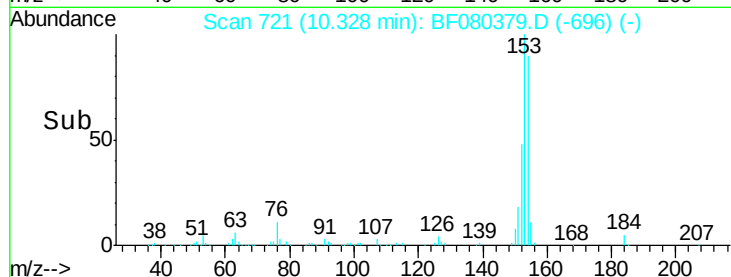
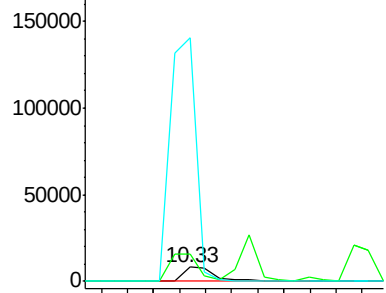
#53
2,4-Dinitrophenol
Concen: 31.36 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:184 Resp: 13425
Ion Ratio Lower Upper
184 100
63 193.2 30.6 46.0#
154 1743.3 45.3 67.9#

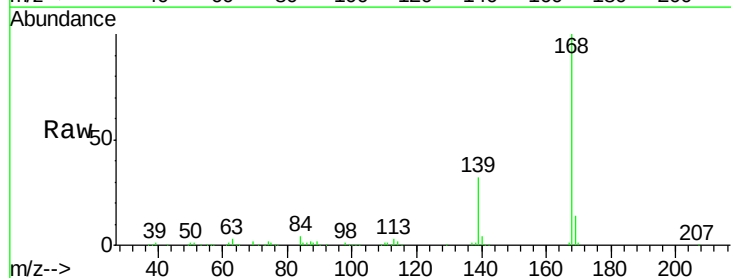


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

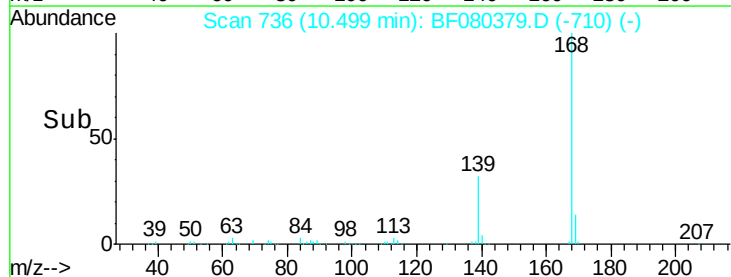
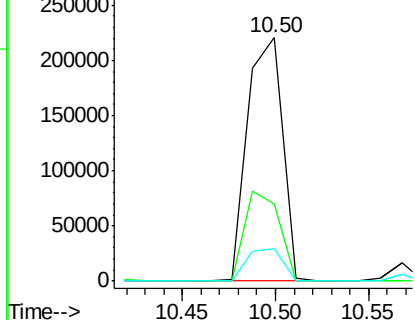


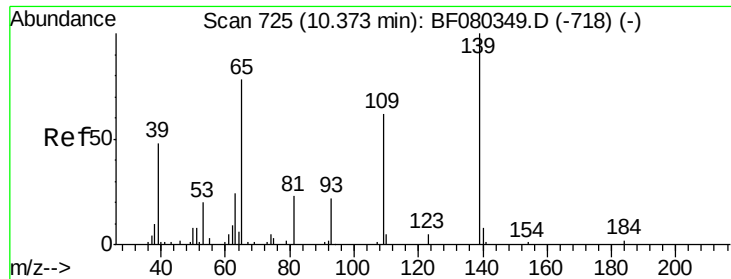
#54
Dibenzofuran
Concen: 42.59 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:168 Resp: 286313
Ion Ratio Lower Upper
168 100
139 31.9 25.9 38.9
169 13.6 10.3 15.5



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

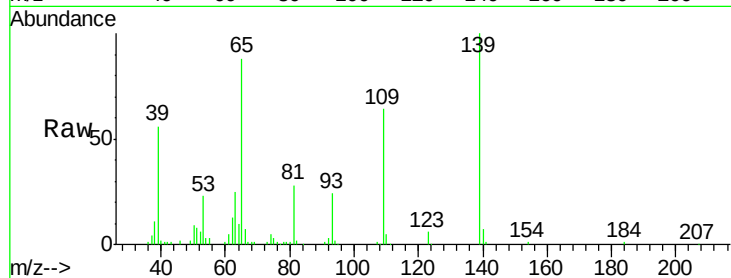




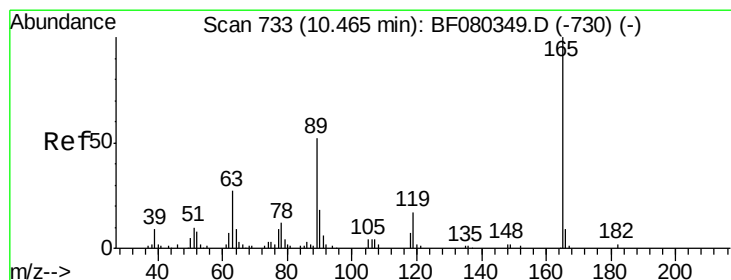
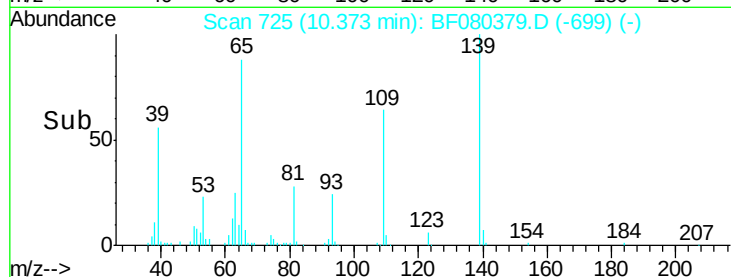
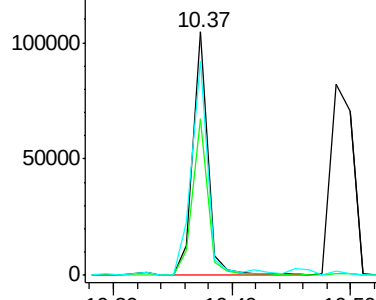
#55
4-Nitrophenol
Concen: 93.96 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.1	42.3	82.3
65	88.1	58.5	98.5



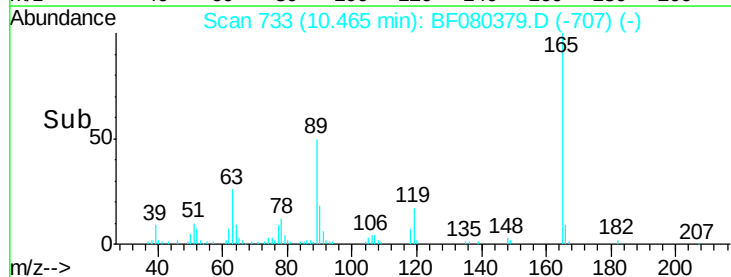
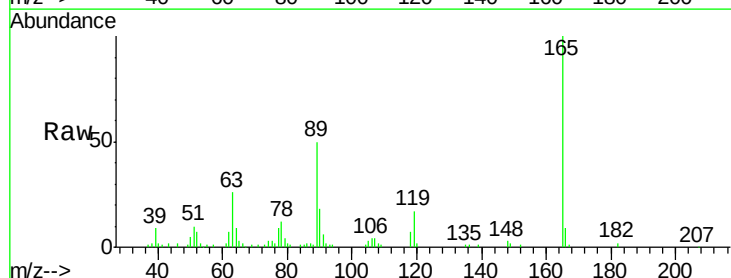
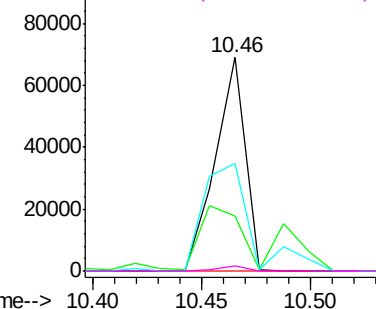
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

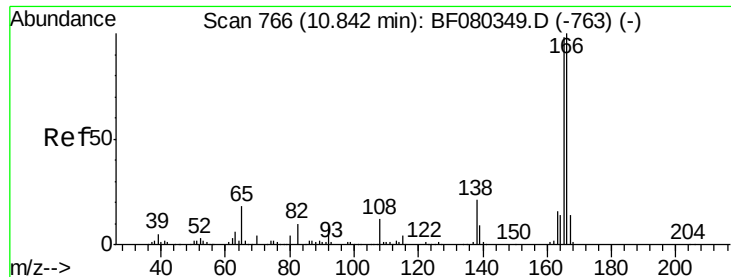


#56
2,4-Dinitrotoluene
Concen: 43.53 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	25.8	21.8	32.8
89	50.2	41.3	61.9
182	2.3	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.22 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

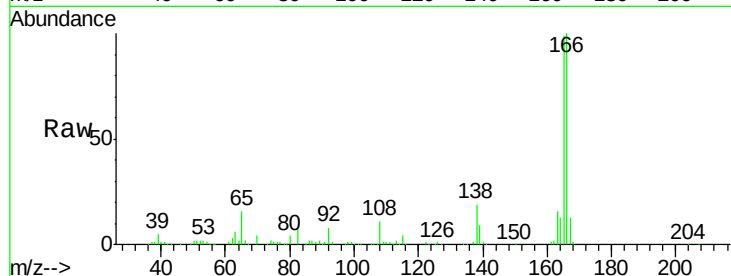
Tgt Ion:166 Resp: 250190

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

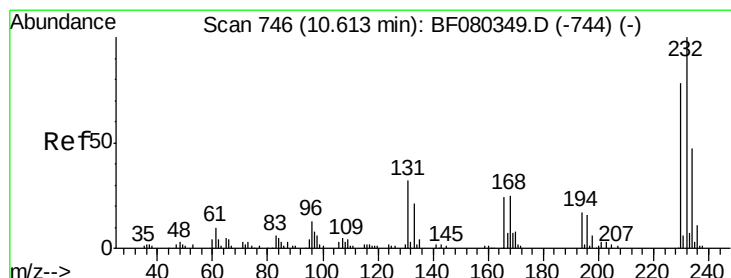
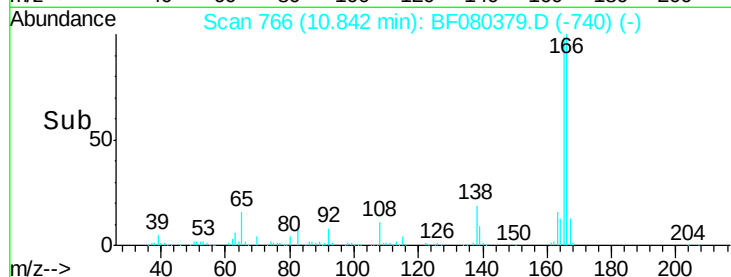
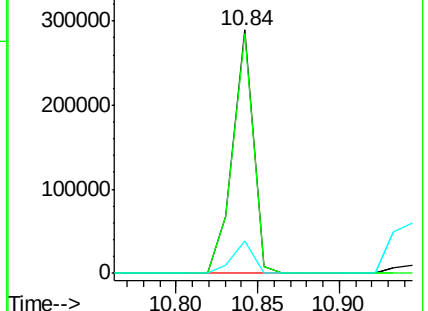
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.84 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:232 Resp: 58544

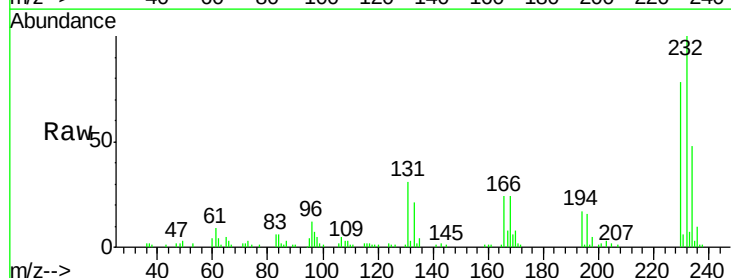
Ion Ratio Lower Upper

232 100

131 42.6 33.4 50.2

130 2.0 1.8 2.6

166 29.1 22.1 33.1

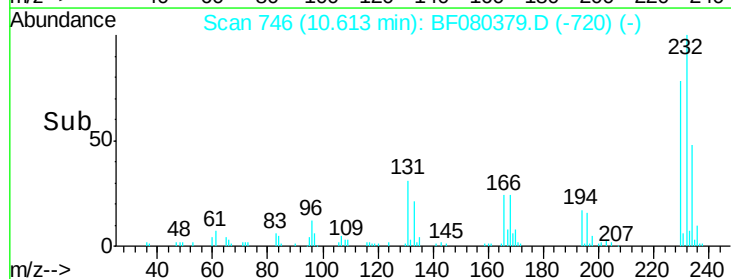
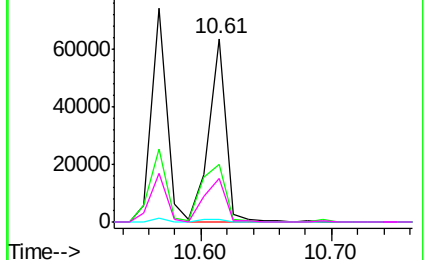


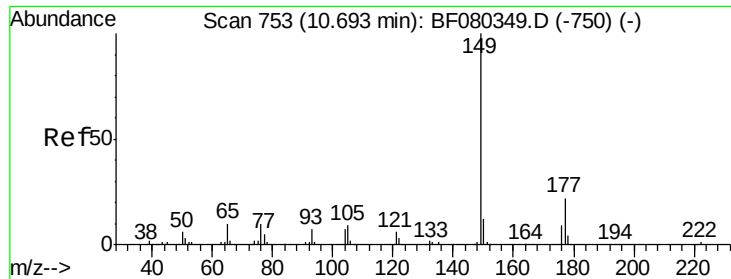
Abundance Ion 232.00 (231.70 to 232.70): E

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

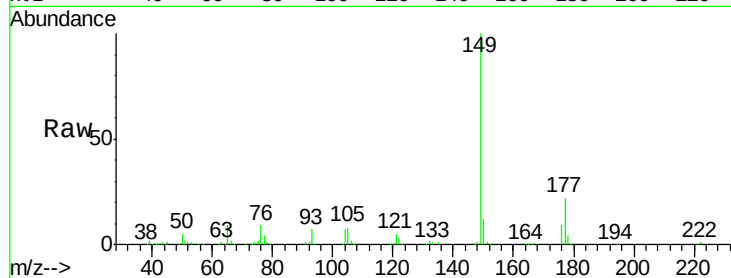




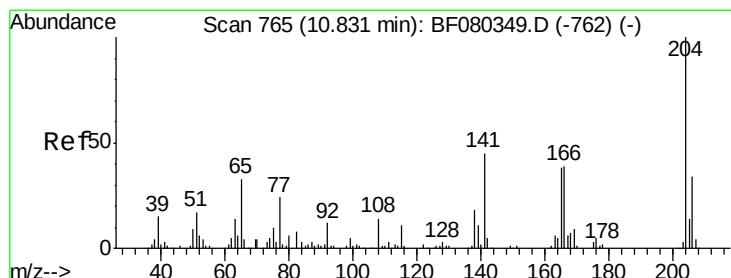
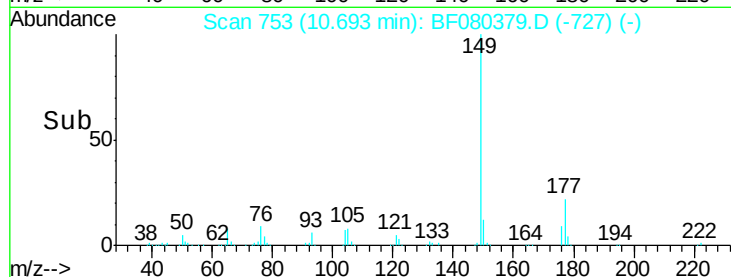
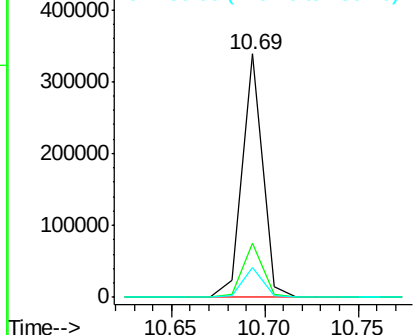
#59
Diethylphthalate
Concen: 45.87 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:149 Resp: 257919
Ion Ratio Lower Upper
149 100
177 22.3 17.6 26.4
150 12.4 10.0 15.0

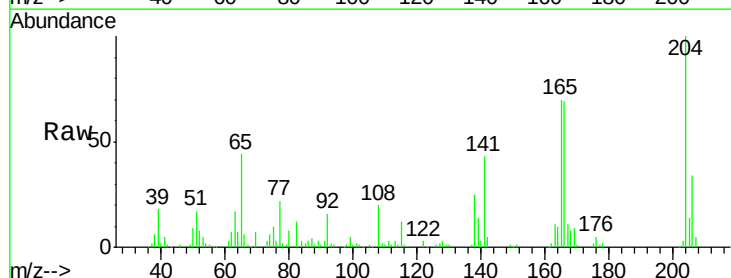


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

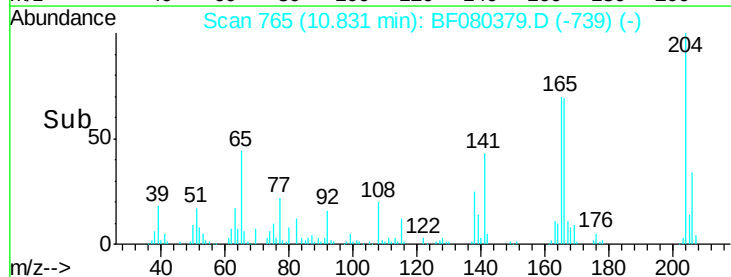
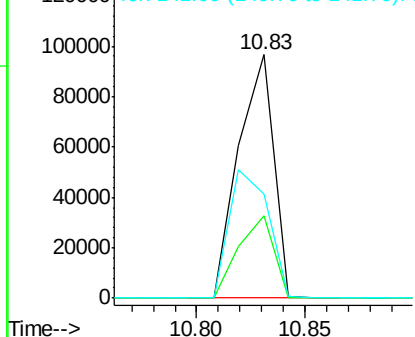


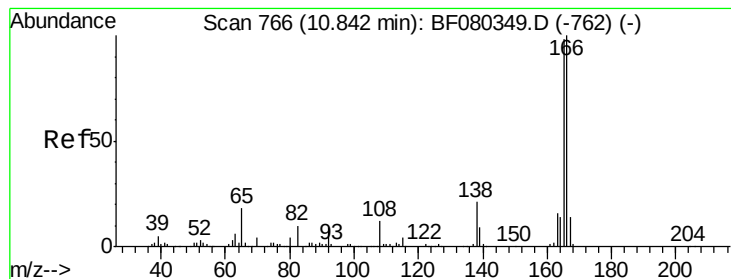
#60
4-Chlorophenyl-phenylether
Concen: 42.42 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:204 Resp: 108672
Ion Ratio Lower Upper
204 100
206 33.8 27.2 40.8
141 42.6 35.9 53.9



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.06 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

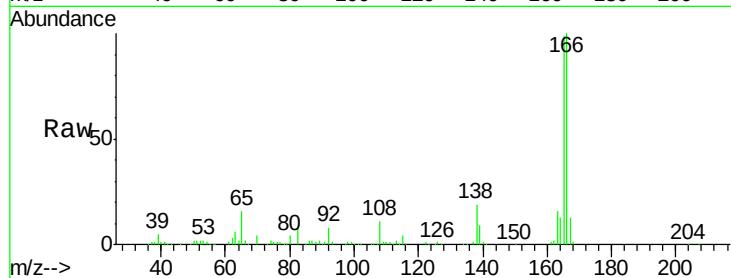
Tgt Ion:138 Resp: 56723

Ion Ratio Lower Upper

138 100

92 39.1 21.0 61.0

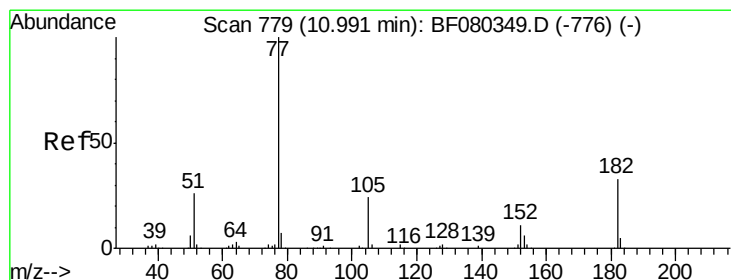
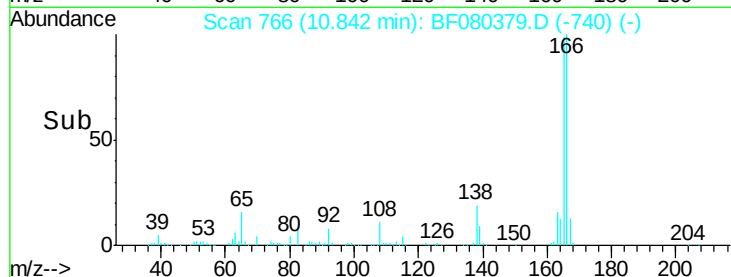
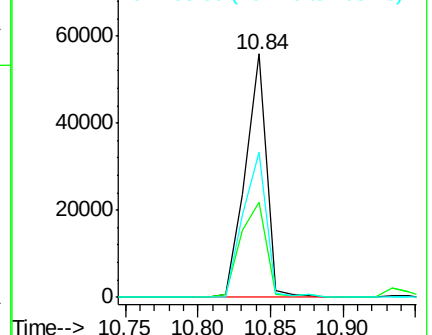
108 59.4 38.4 78.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.93 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion: 77 Resp: 229282

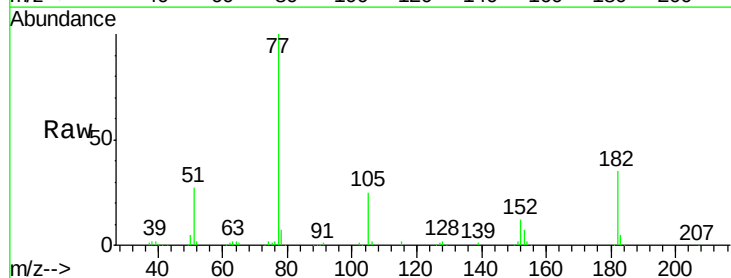
Ion Ratio Lower Upper

77 100

182 34.9 13.2 53.2

105 25.0 4.3 44.3

51 26.9 6.3 46.3

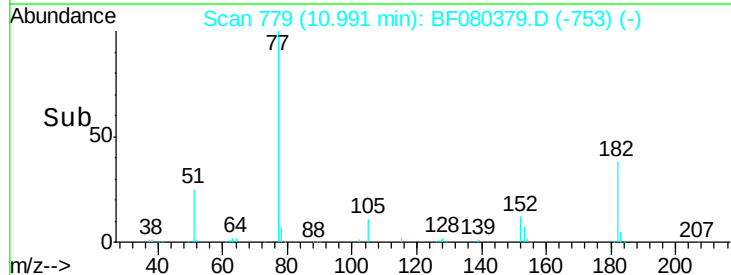
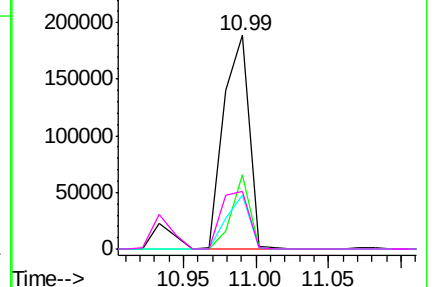


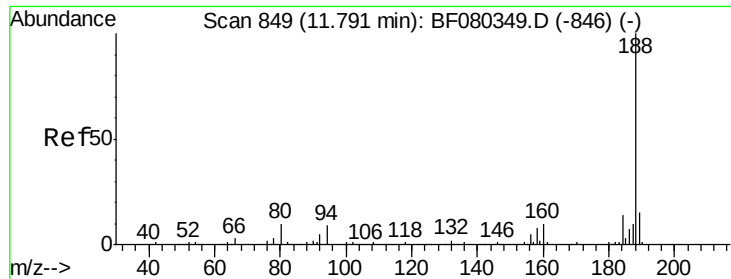
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.79 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

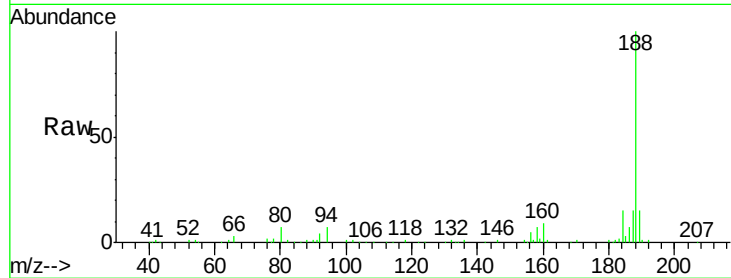
Tgt Ion:188 Resp: 144338

Ion Ratio Lower Upper

188 100

94 6.7 7.5 11.3#

80 7.3 8.3 12.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

200000

150000

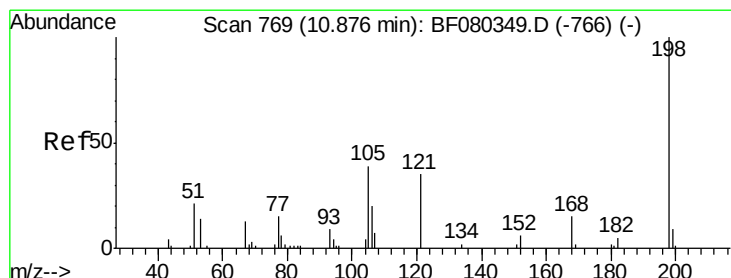
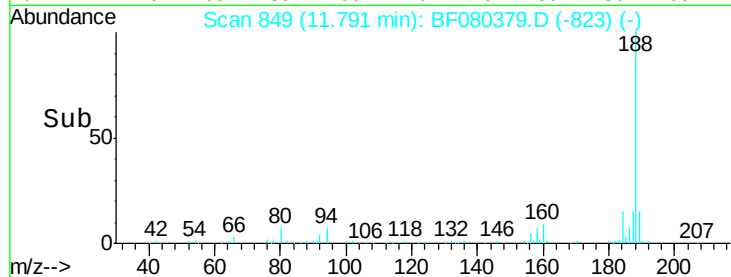
100000

50000

0

11.75 11.80

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 32.53 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

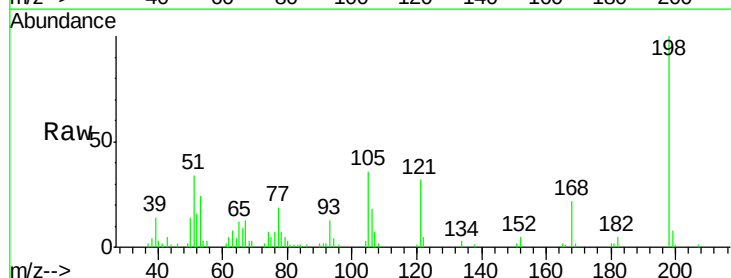
Tgt Ion:198 Resp: 25718

Ion Ratio Lower Upper

198 100

51 34.0 17.0 57.0

105 36.4 20.9 60.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

60000

50000

40000

30000

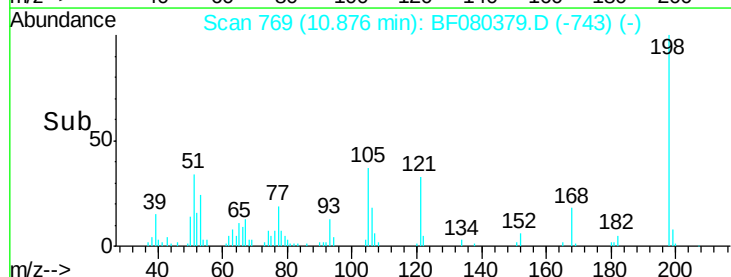
20000

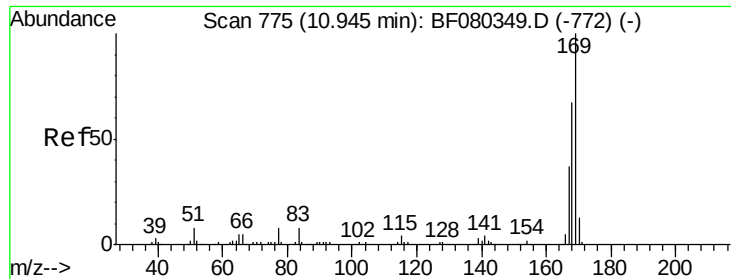
10000

0

10.80 10.85 10.90 10.95

Time-->

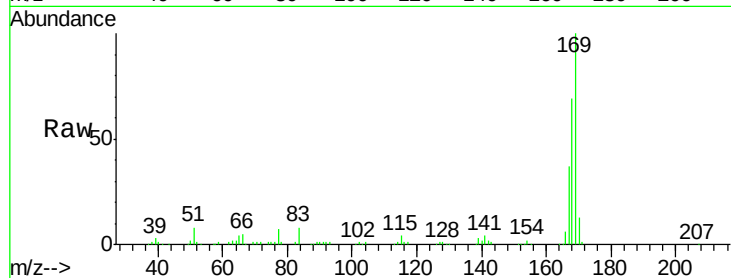




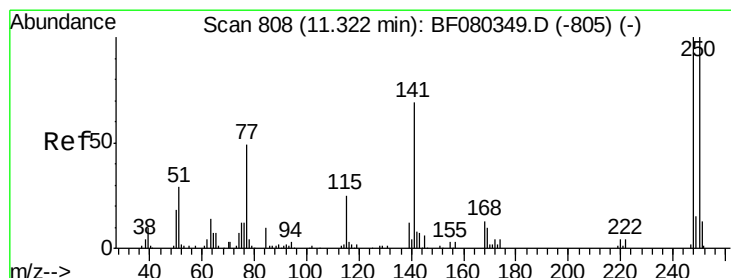
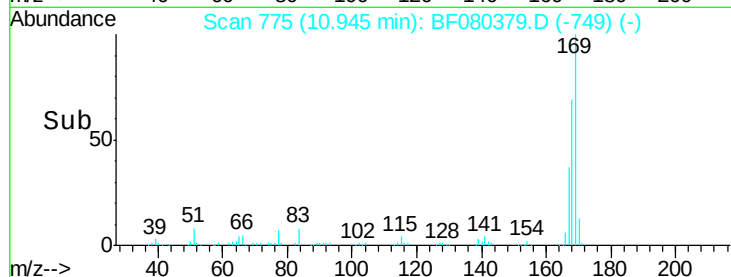
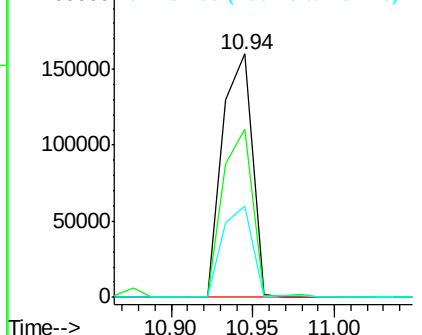
#65
 n-Nitrosodiphenylamine
 Concen: 43.73 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:169 Resp: 201030
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.5 80.3
 167 37.4 29.5 44.3

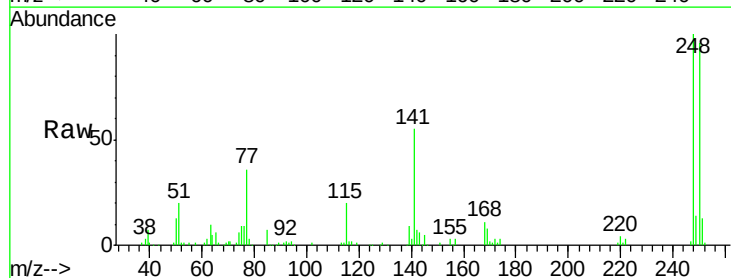


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

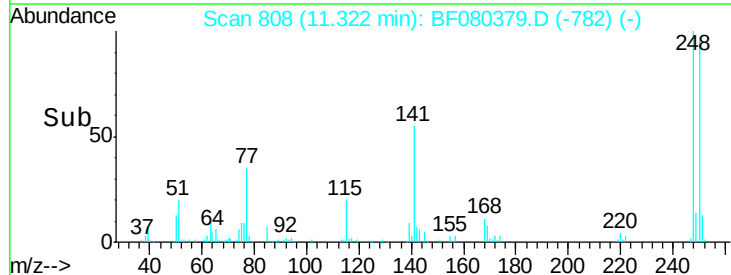
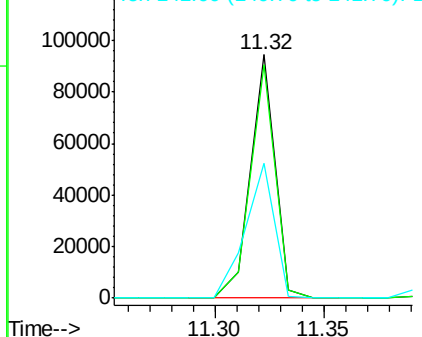


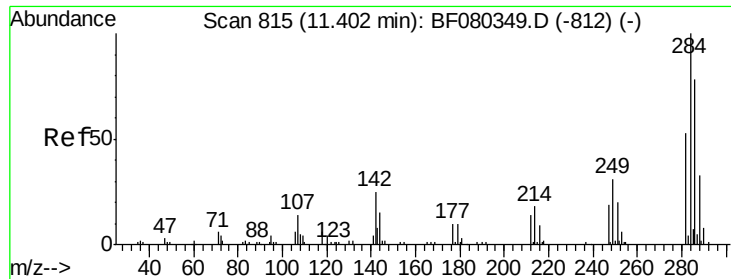
#66
 4-Bromophenyl-phenylether
 Concen: 44.74 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:248 Resp: 73971
 Ion Ratio Lower Upper
 248 100
 250 96.1 80.0 120.0
 141 55.3 54.8 82.2



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.16 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

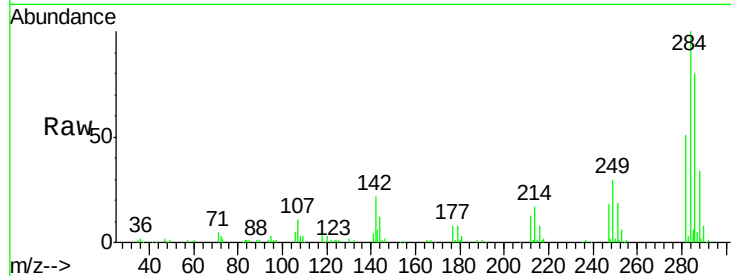
Tgt Ion:284 Resp: 74855

Ion Ratio Lower Upper

284 100

142 22.0 20.3 30.5

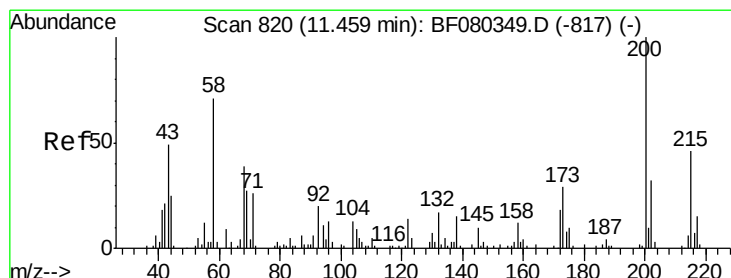
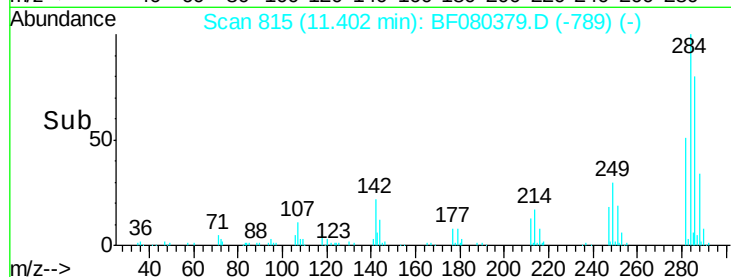
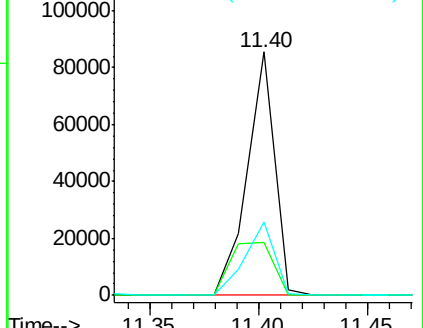
249 30.2 24.7 37.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 51.21 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

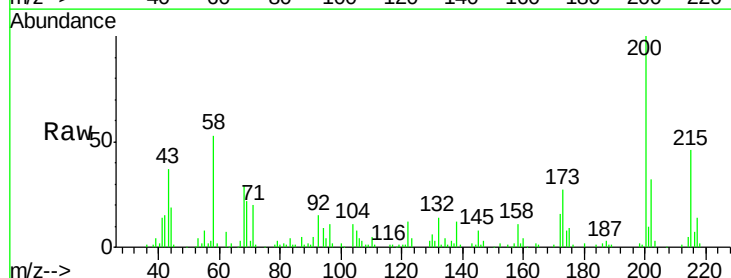
Tgt Ion:200 Resp: 70080

Ion Ratio Lower Upper

200 100

173 27.3 9.9 49.9

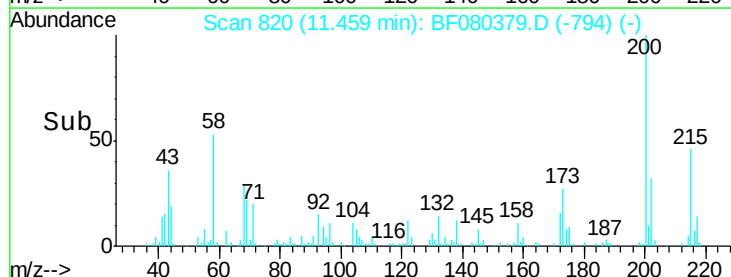
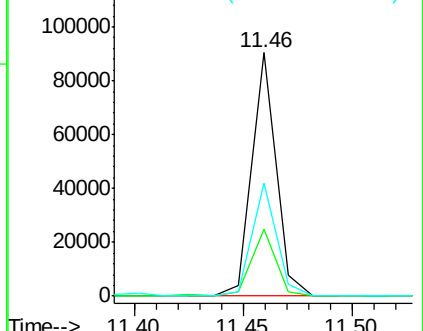
215 46.3 26.2 66.2

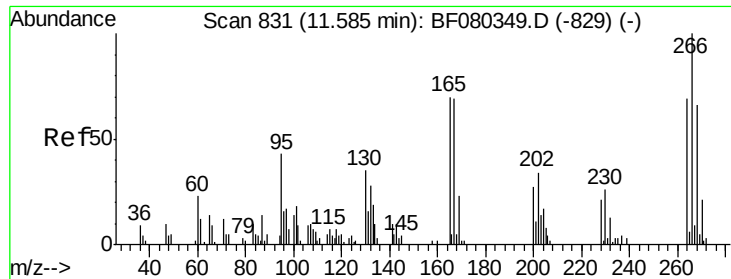


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

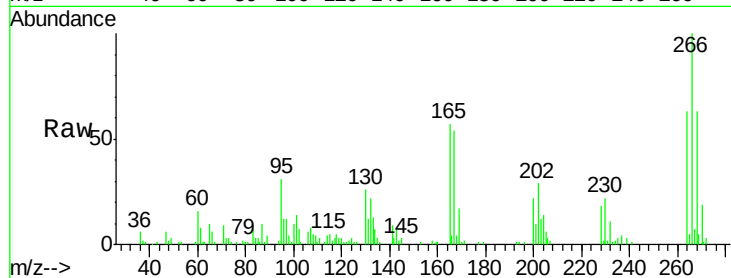




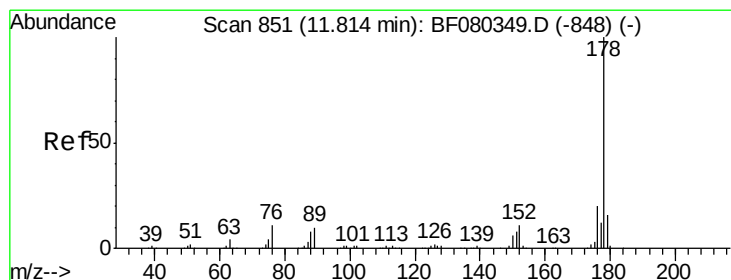
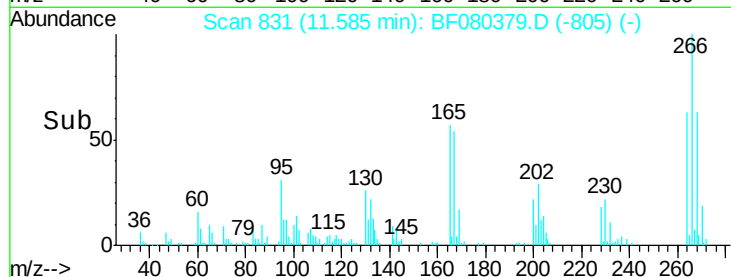
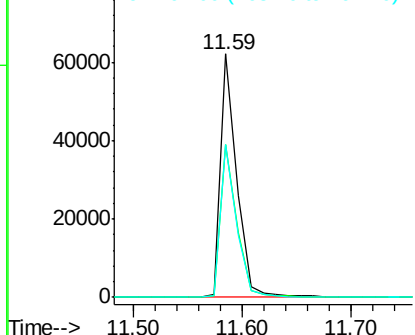
#69
 Pentachlorophenol
 Concen: 75.48 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:266 Resp: 64740
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.7 79.1
 264 62.9 55.0 82.6

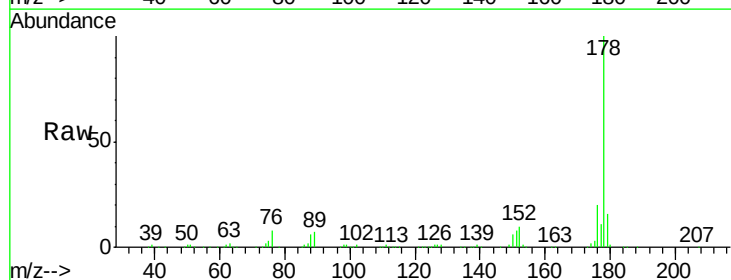


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

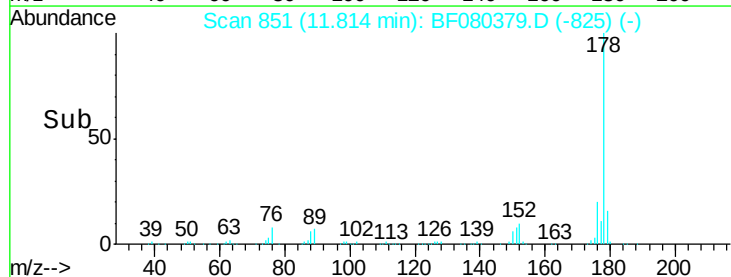
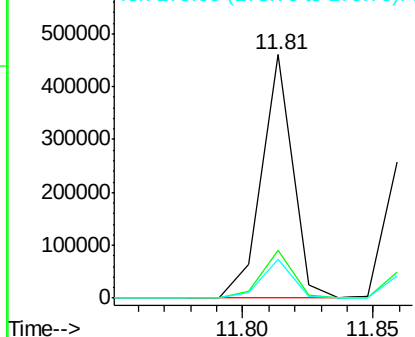


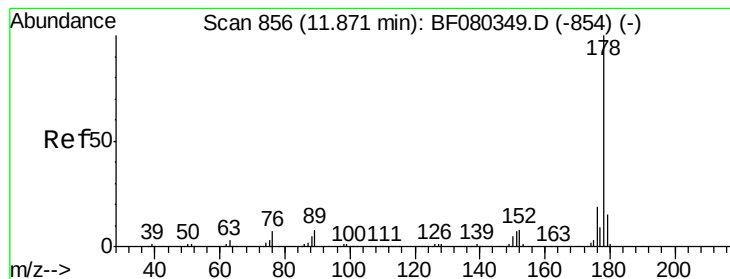
#70
 Phenanthrene
 Concen: 43.69 ng
 RT: 11.81 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:178 Resp: 378270
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.1 24.1
 179 15.7 12.6 18.8



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: 42.88 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

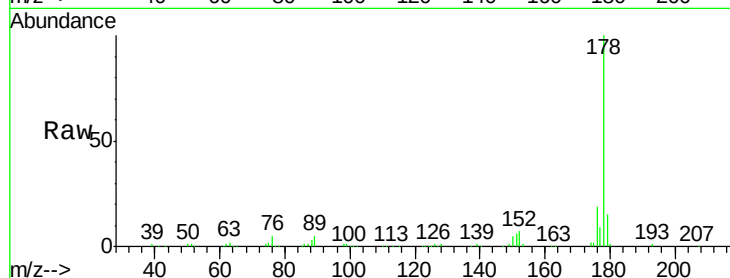
Tgt Ion:178 Resp: 363975

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

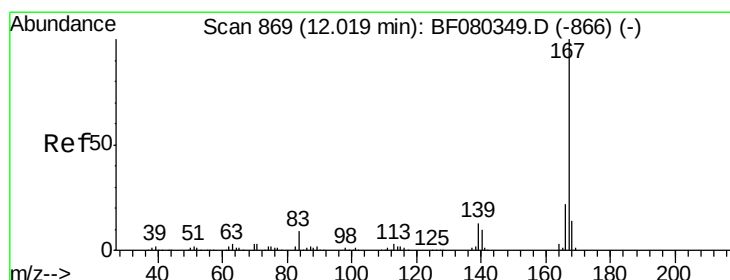
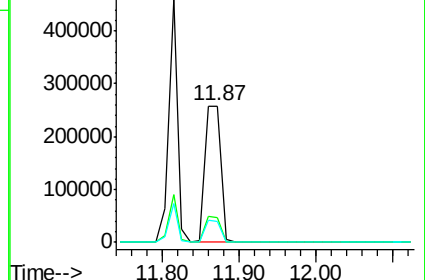
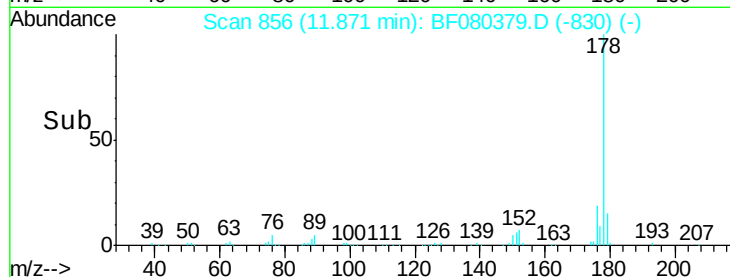
179 14.9 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.37 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

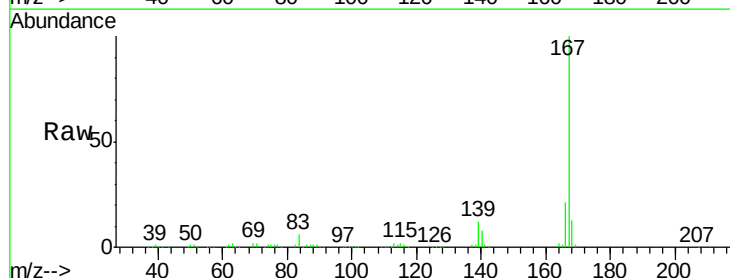
Tgt Ion:167 Resp: 343402

Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

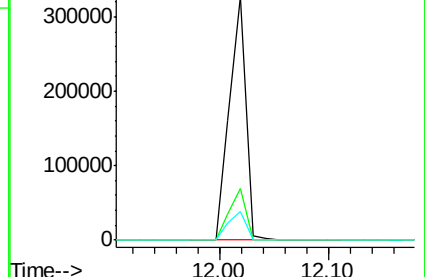
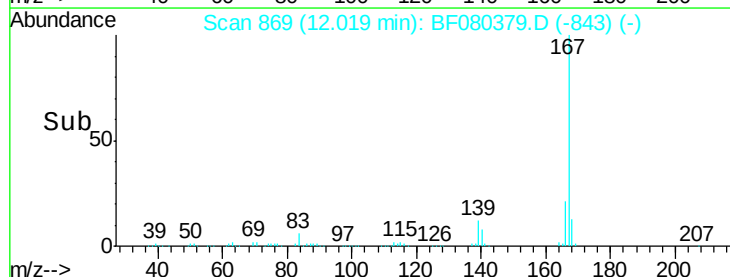
139 11.6 10.4 15.6

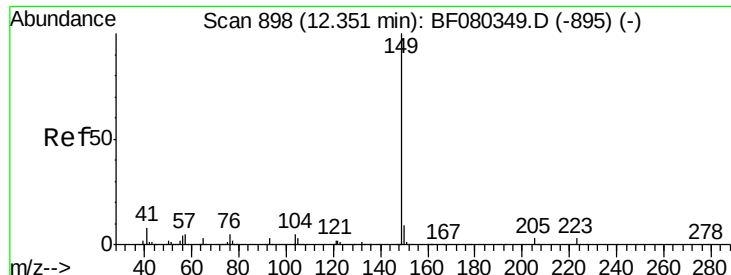


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.91 ng

RT: 12.34 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

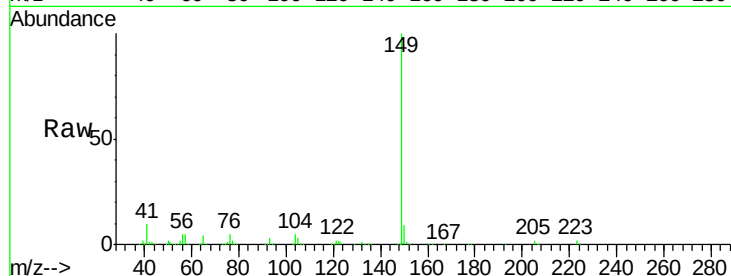
Tgt Ion:149 Resp: 388628

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

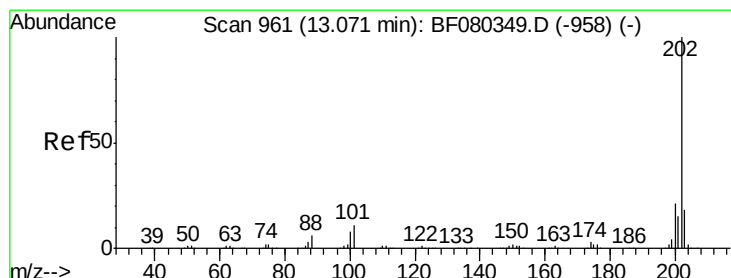
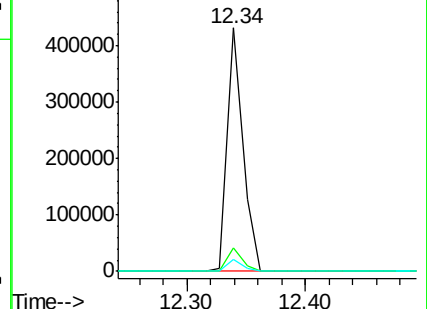
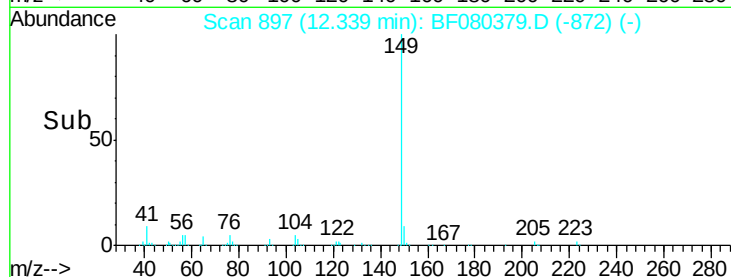
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.41 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

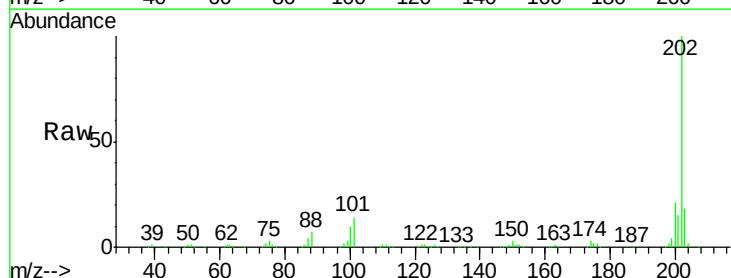
Tgt Ion:202 Resp: 385196

Ion Ratio Lower Upper

202 100

101 13.9 0.0 31.0

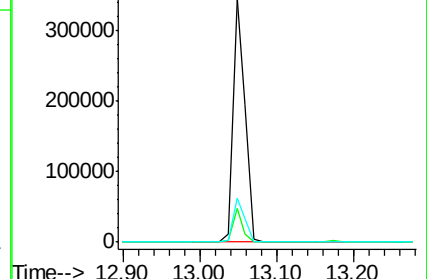
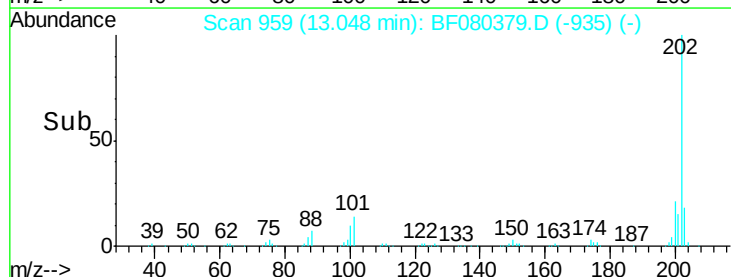
203 17.9 0.0 37.6

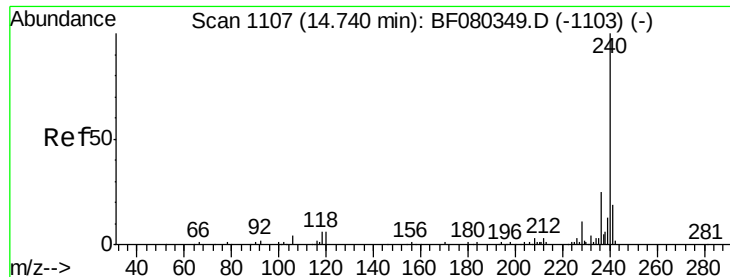


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.68 min Scan# 1102

Delta R.T. -0.06 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

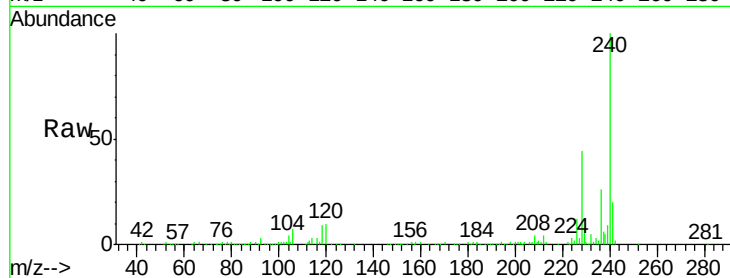
Tgt Ion:240 Resp: 158245

Ion Ratio Lower Upper

240 100

120 10.1 5.1 7.7#

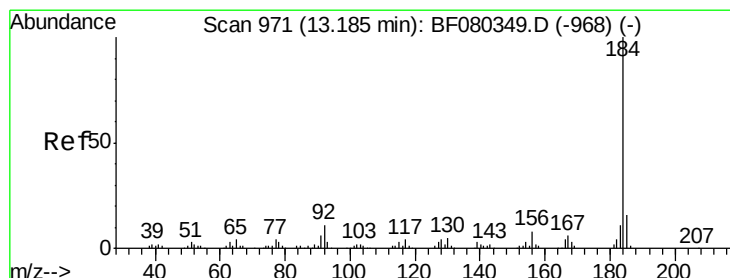
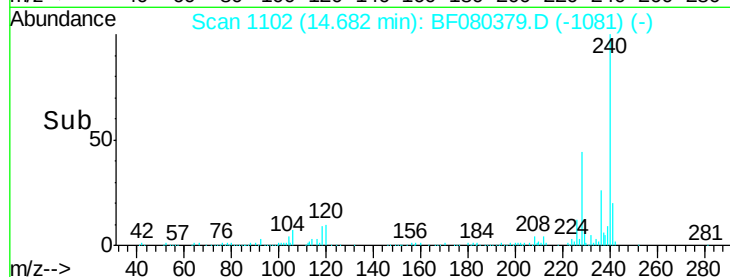
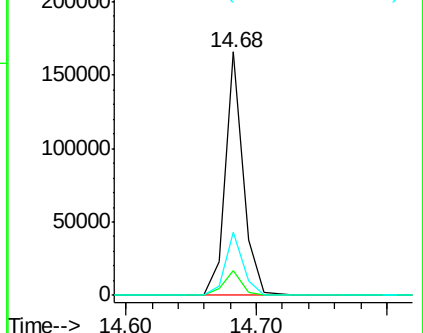
236 26.1 20.4 30.6



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: 58.40 ng

RT: 13.17 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

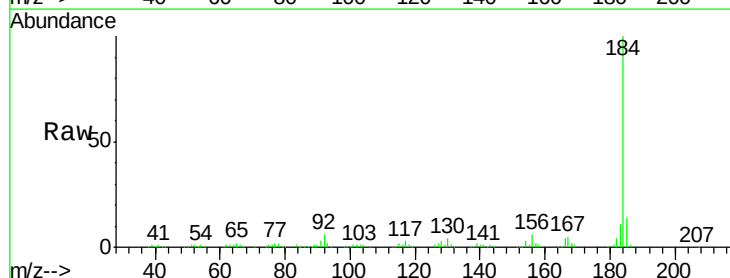
Tgt Ion:184 Resp: 234408

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

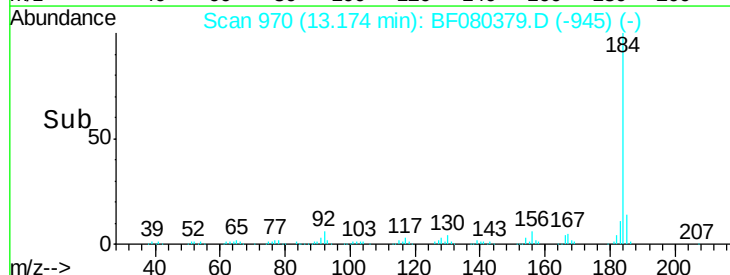
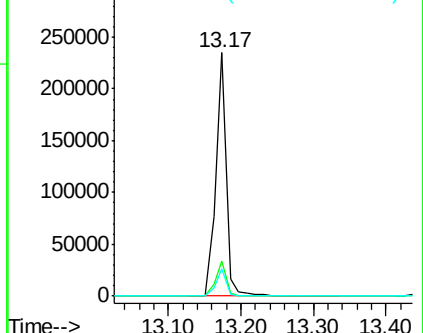
183 11.3 9.2 13.8

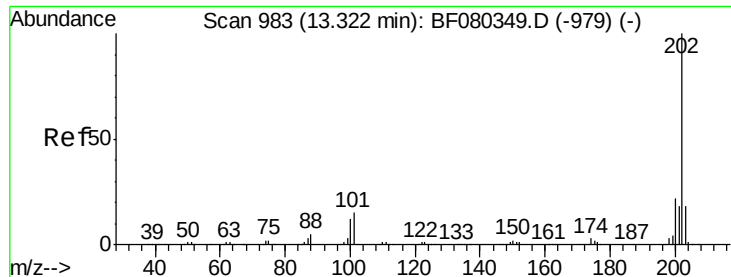


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

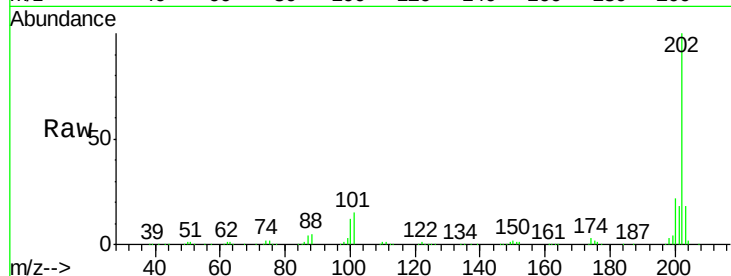




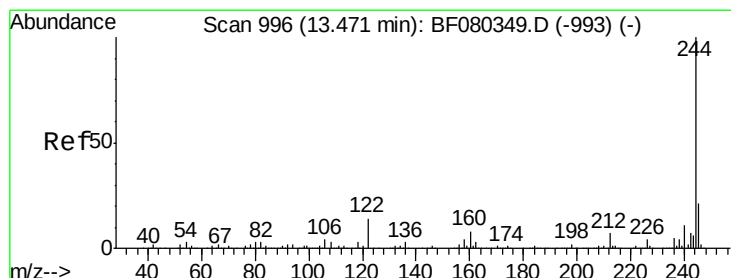
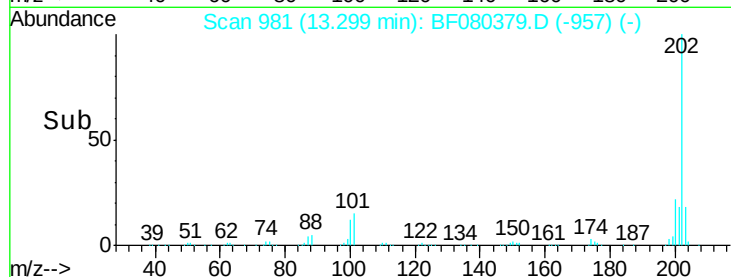
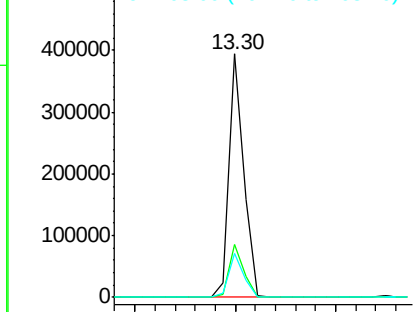
#77
 Pyrene
 Concen: 42.04 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion: 202 Resp: 402388
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.2 25.8
 203 17.9 14.3 21.5

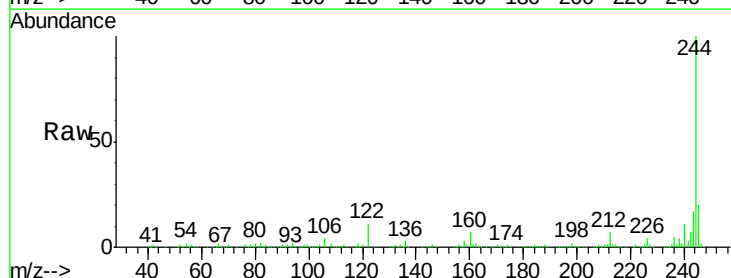


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

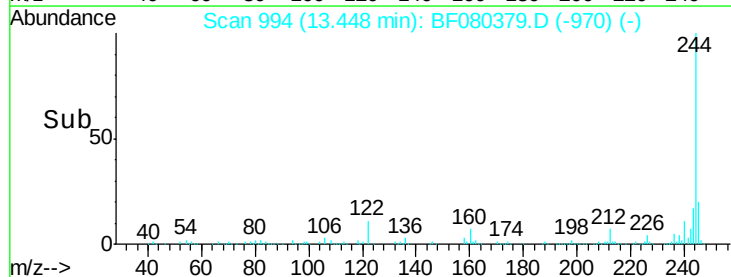
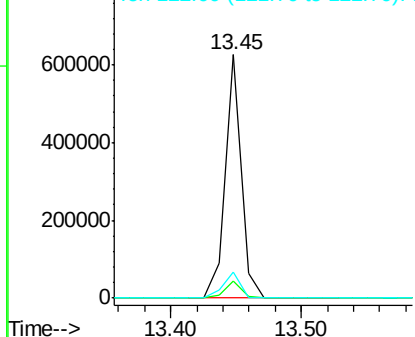


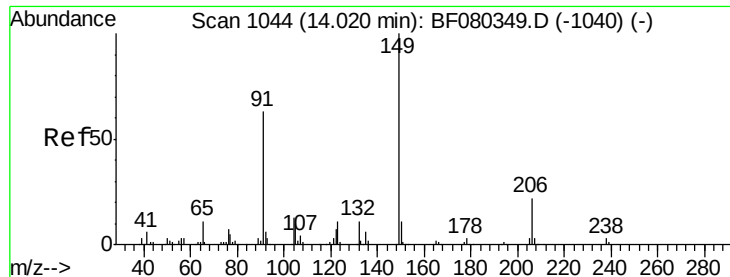
#78
 Terphenyl-d14
 Concen: 79.13 ng
 RT: 13.45 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion: 244 Resp: 536861
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.9 11.1 16.7#



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

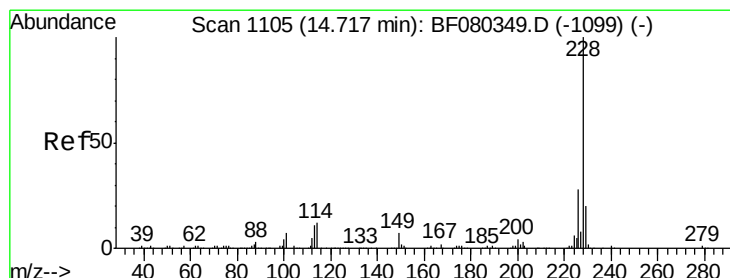
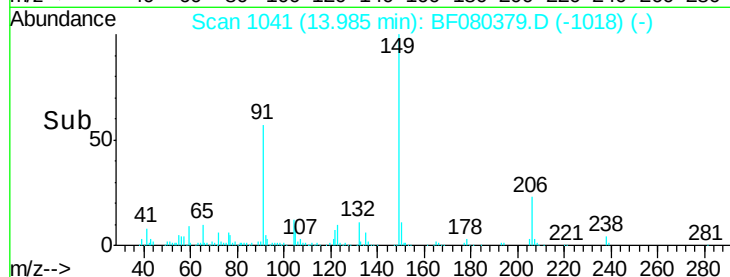
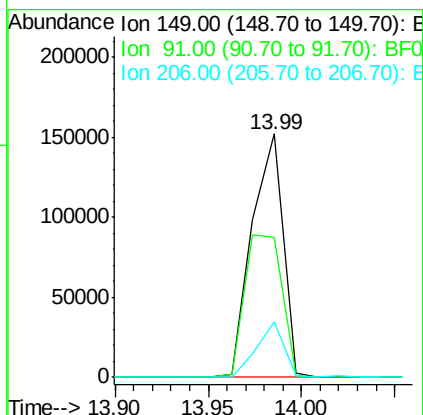
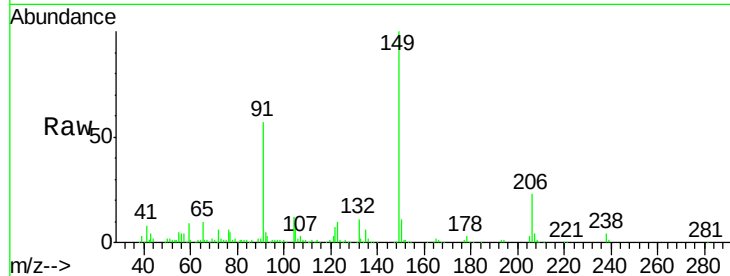




#79
Butylbenzylphthalate
Concen: 45.77 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

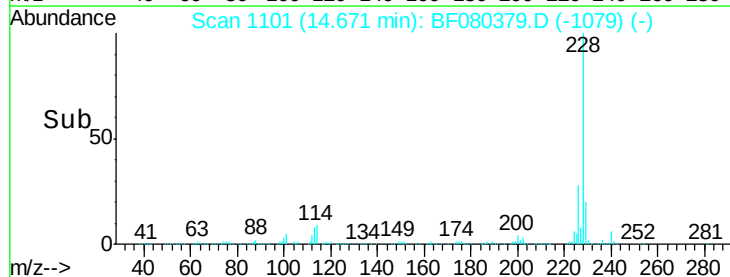
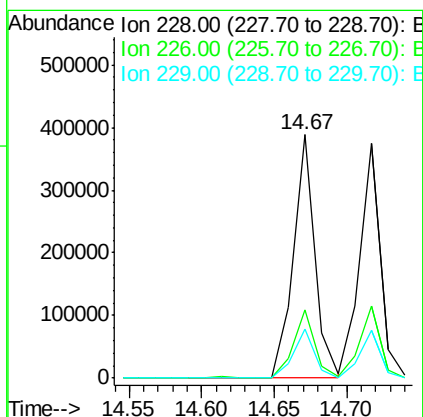
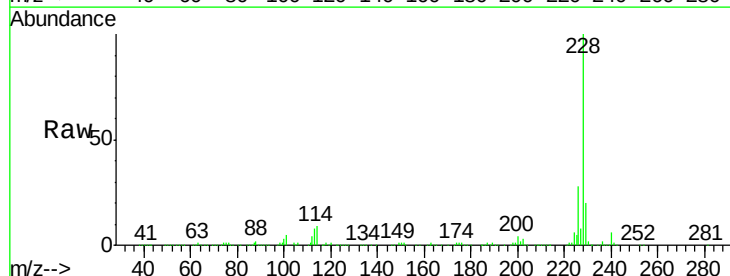
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

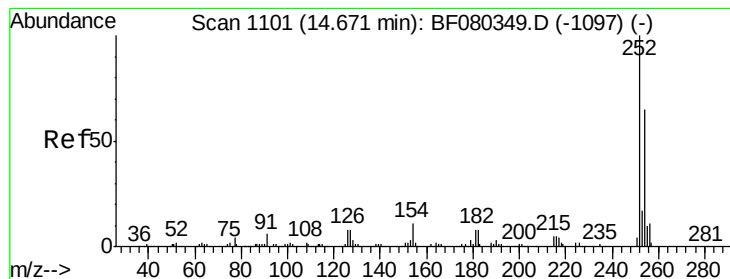
Tgt Ion:149 Resp: 174803
Ion Ratio Lower Upper
149 100
91 57.3 50.8 76.2
206 23.0 17.6 26.4



#80
Benzo(a)anthracene
Concen: 41.90 ng
RT: 14.67 min Scan# 1101
Delta R.T. -0.05 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:228 Resp: 399603
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.4
229 20.0 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 39.72 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

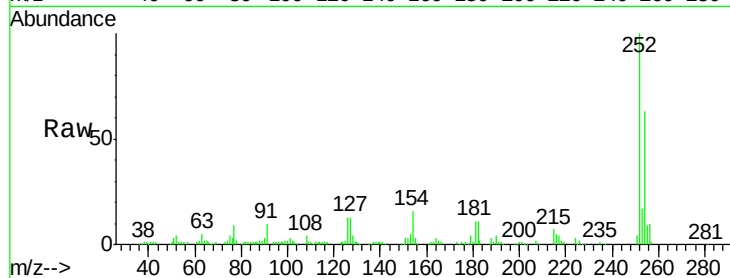
Tgt Ion:252 Resp: 125599

Ion Ratio Lower Upper

252 100

254 62.8 51.7 77.5

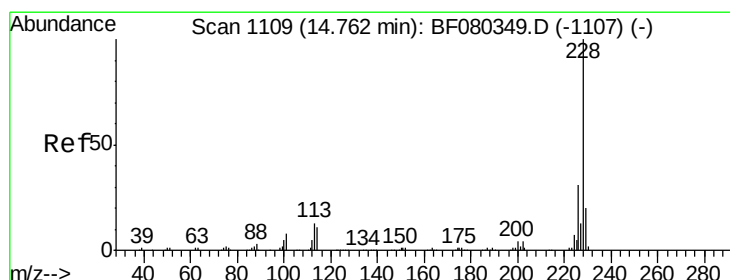
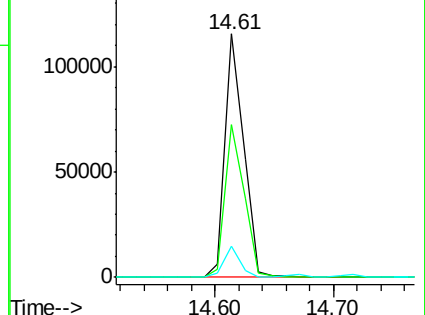
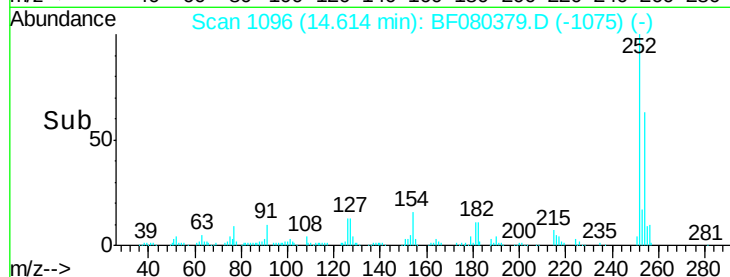
126 13.0 6.3 9.5#



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: 42.12 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.05 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

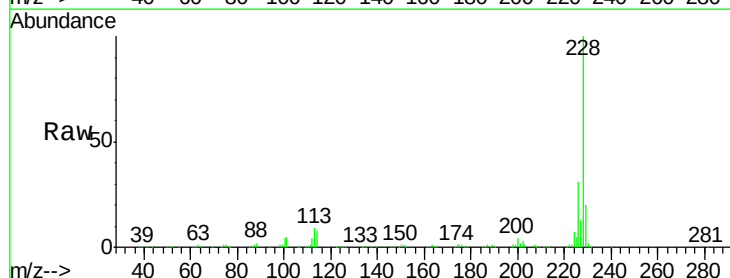
Tgt Ion:228 Resp: 375827

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.4

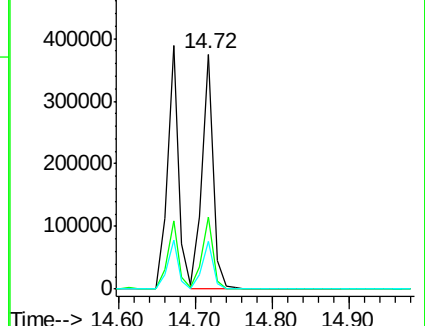
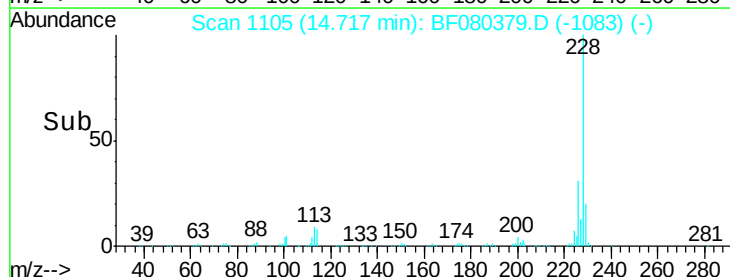
229 20.3 16.1 24.1

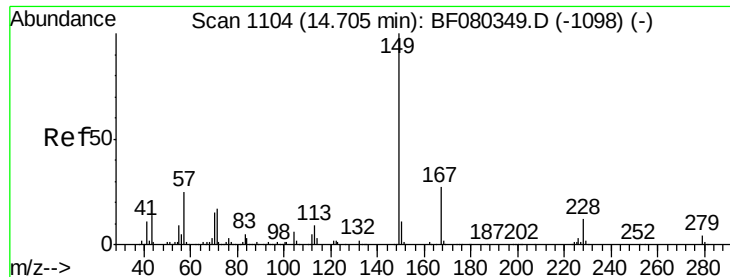


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

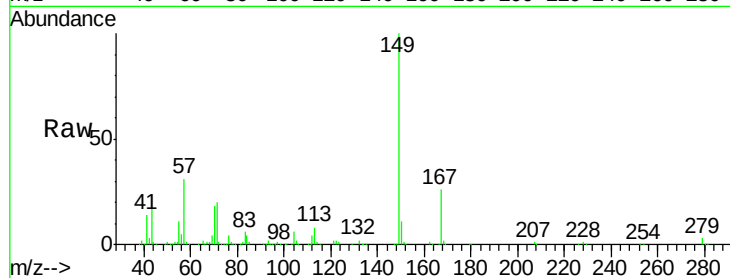




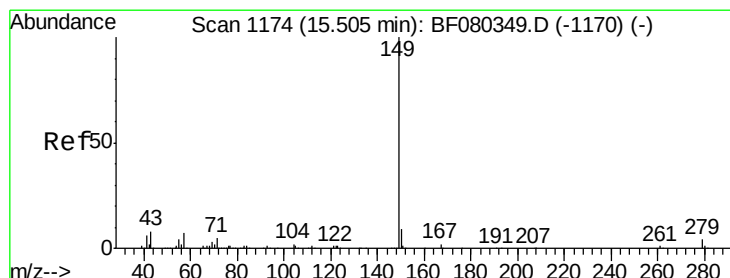
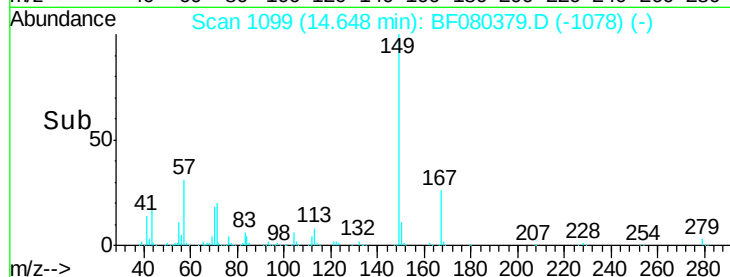
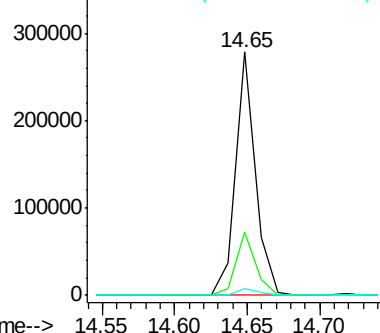
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.60 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.06 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:149 Resp: 265481
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.4 32.0
 279 2.8 2.9 4.3#

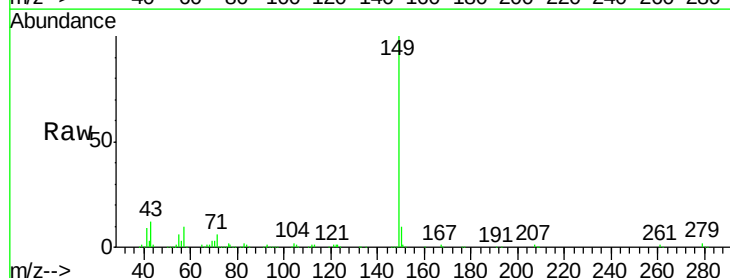


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

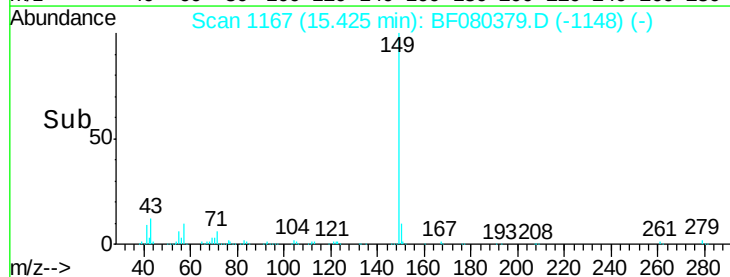
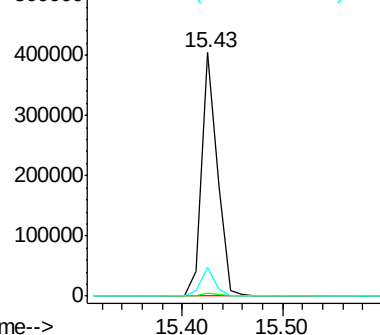


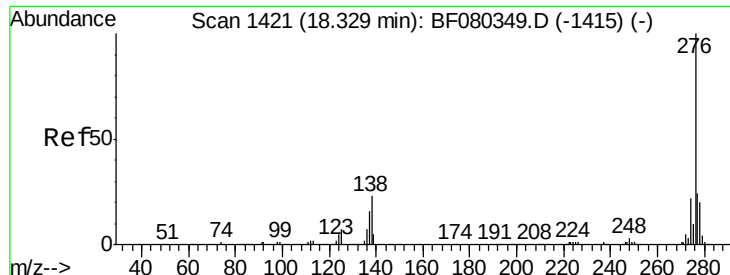
#84
 Di-n-octyl phthalate
 Concen: 45.81 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:149 Resp: 440574
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.8 9.1 13.7



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

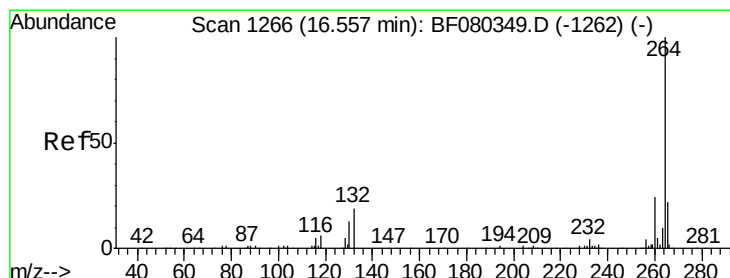
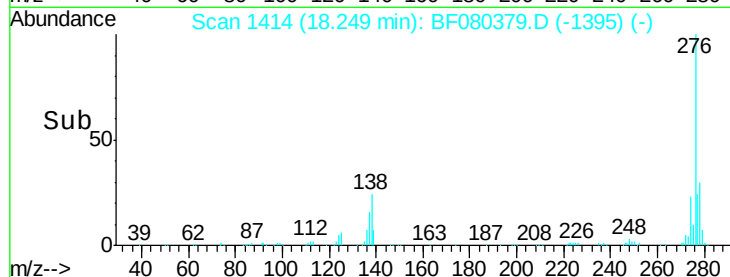
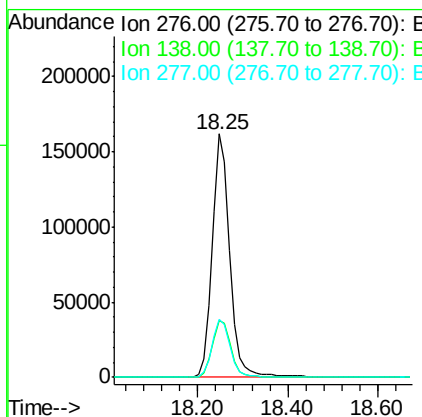
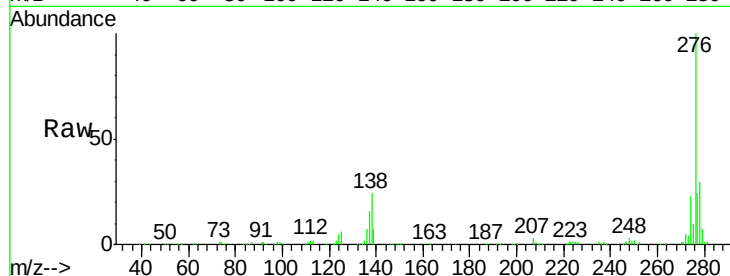




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.81 ng
 RT: 18.25 min Scan# 1414
 Delta R.T. -0.08 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

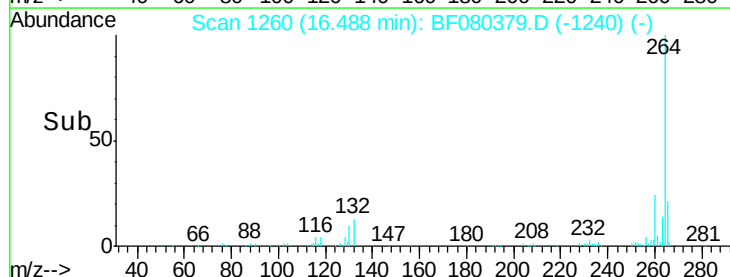
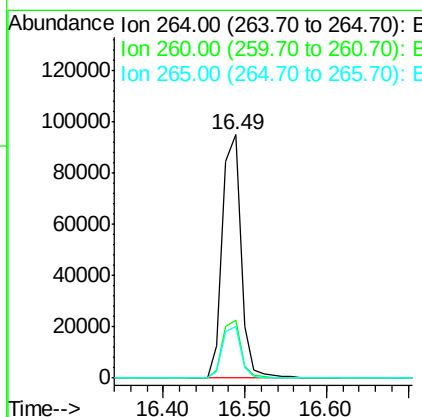
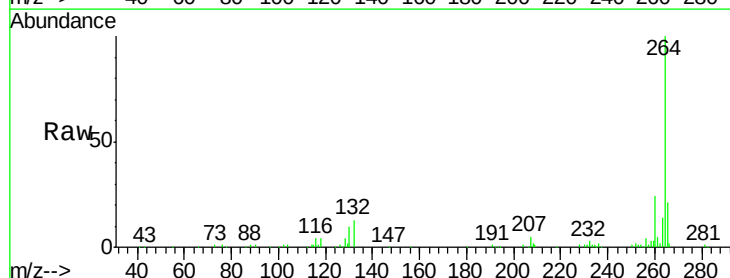
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

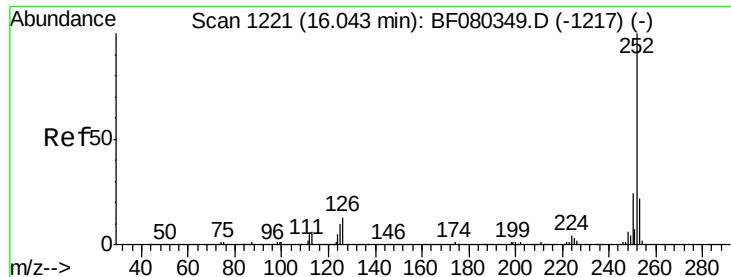
Tgt Ion: 276 Resp: 438702
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.7 29.5
 277 24.7 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.07 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion: 264 Resp: 151472
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 17.6 26.4

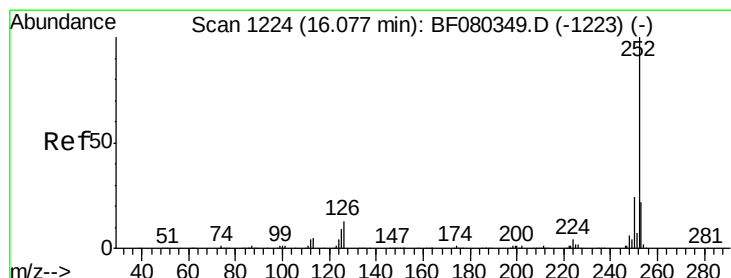
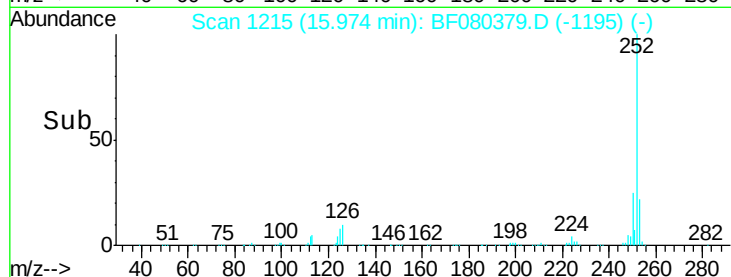
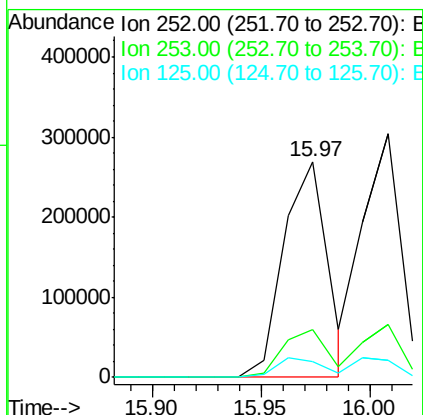
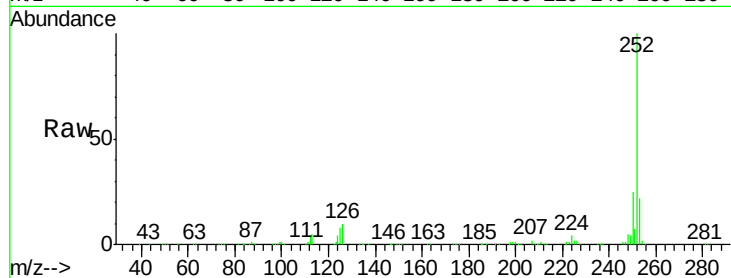




#87
Benzo(b)fluoranthene
Concen: 39.78 ng
RT: 15.97 min Scan# 1215
Delta R.T. -0.07 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

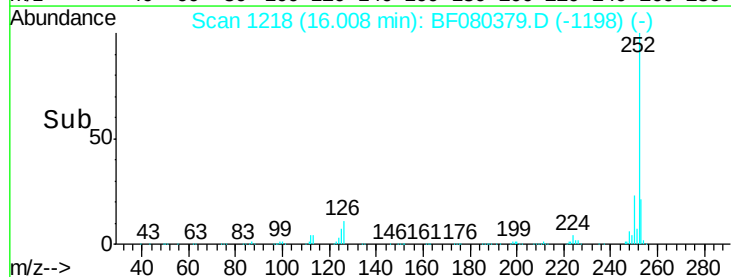
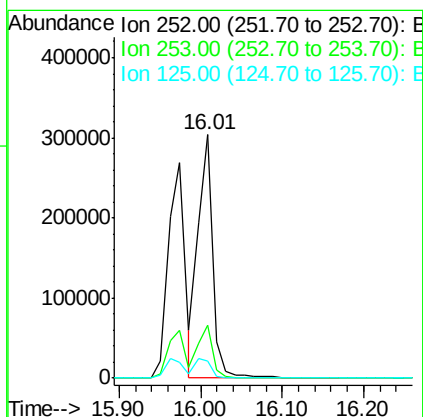
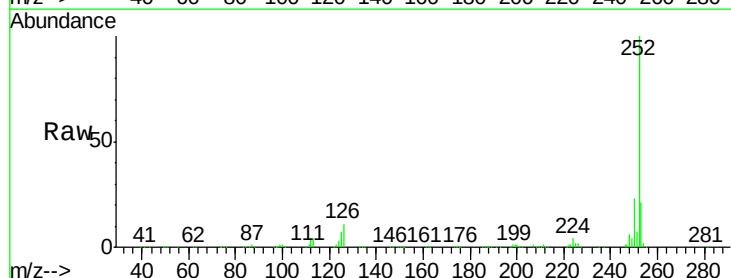
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

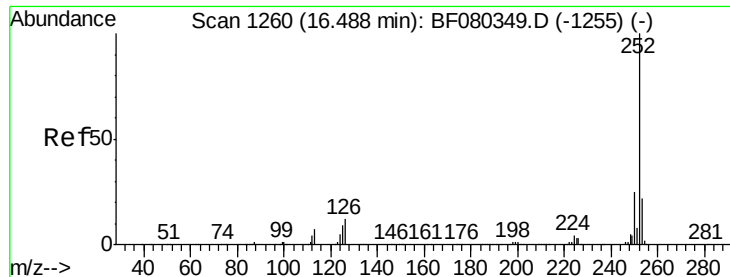
Tgt Ion:252 Resp: 378637
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.6 7.7 11.5#



#88
Benzo(k)fluoranthene
Concen: 42.98 ng
RT: 16.01 min Scan# 1218
Delta R.T. -0.07 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:252 Resp: 387310
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 7.1 8.5 12.7#





#89

Benzo(a)pyrene

Concen: 43.41 ng

RT: 16.41 min Scan# 1253

Delta R.T. -0.08 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS

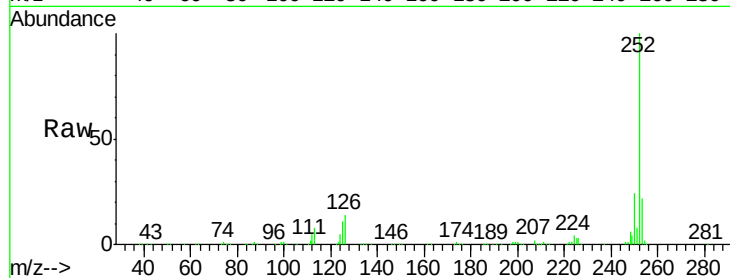
Tgt Ion:252 Resp: 377895

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

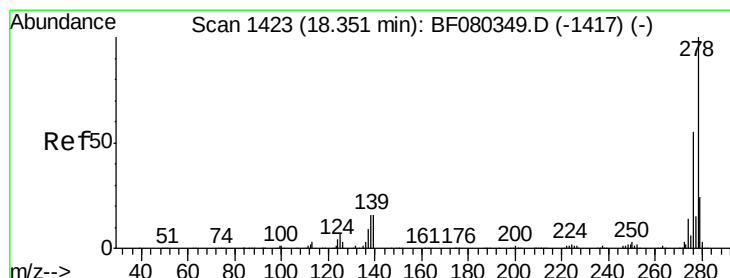
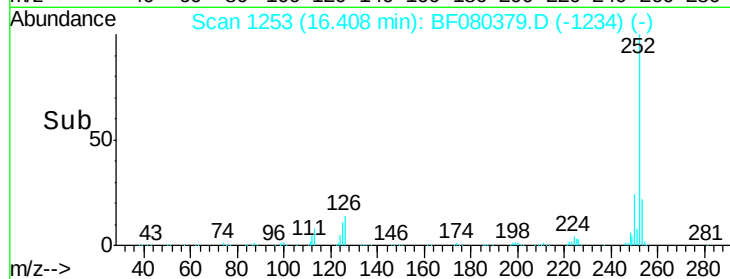
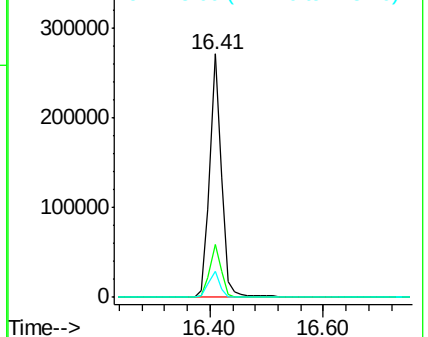
125 10.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.57 ng

RT: 18.27 min Scan# 1416

Delta R.T. -0.08 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

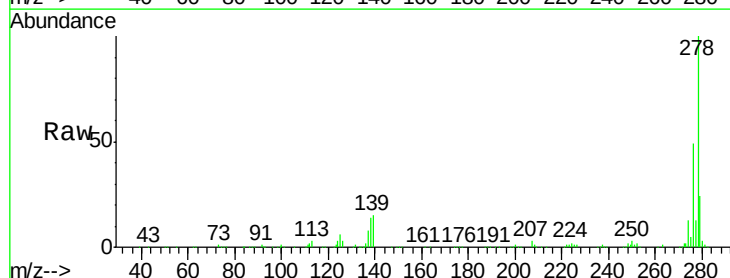
Tgt Ion:278 Resp: 364981

Ion Ratio Lower Upper

278 100

139 15.3 13.0 19.6

279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

