

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080636.D
 Acq On : 24 Jul 2015 20:21
 Operator : TP/UM
 Sample : PB84491BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Quant Time: Jul 25 05:00:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57216	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	205752	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	109320	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	207041	20.00	ng	0.00
75) Chrysene-d12	14.25	240	210609	20.00	ng	0.09
86) Perylene-d12	15.91	264	202296	20.00	ng	0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	324317	95.44	ng	0.00
7) Phenol-d6	6.54	99	429103	105.73	ng	0.00
23) Nitrobenzene-d5	7.49	82	283567	69.22	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	115502	117.60	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	474538	66.98	ng	0.00
78) Terphenyl-d14	13.08	244	552334	56.47	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	38027	24.93	ng	91
3) Pyridine	3.25	79	101732	28.27	ng	93
4) n-Nitrosodimethylamine	3.16	42	72193	30.78	ng	99
6) Aniline	6.59	93	102612	17.87	ng	90
8) 2-Chlorophenol	6.70	128	113938	30.53	ng	99
9) Benzaldehyde	6.48	77	28845	10.88	ng	93
10) Phenol	6.56	94	170064	34.60	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	117949	32.63	ng	96
12) 1,3-Dichlorobenzene	6.86	146	122657	30.43	ng	96
13) 1,4-Dichlorobenzene	6.94	146	129042	30.92	ng	96
14) 1,2-Dichlorobenzene	7.10	146	124427	30.31	ng	99
15) Benzyl Alcohol	7.06	79	103450	30.68	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	194315	31.64	ng	99
17) 2-Methylphenol	7.17	107	93213	31.41	ng	99
18) Hexachloroethane	7.45	117	49574	30.37	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	81082	27.68	ng	96
20) 3+4-Methylphenols	7.33	107	117532	30.54	ng	93
22) Acetophenone	7.33	105	165216	30.92	ng	97
24) Nitrobenzene	7.50	77	121389	29.73	ng	97
25) Isophorone	7.74	82	213648	29.74	ng	99
26) 2-Nitrophenol	7.84	139	48153	32.32	ng	98
27) 2,4-Dimethylphenol	7.86	122	96294	32.26	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	126595	30.40	ng	100
29) 2,4-Dichlorophenol	8.06	162	91903	32.28	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	95848	28.38	ng	97
31) Naphthalene	8.24	128	311318	30.20	ng	100
32) Benzoic acid	7.93	122	53114	32.62	ng	97
33) 4-Chloroaniline	8.28	127	67767	14.97	ng	98
34) Hexachlorobutadiene	8.36	225	71039	30.44	ng	97
35) Caprolactam	8.61	113	25526	31.31	ng	# 59
36) 4-Chloro-3-methylphenol	8.76	107	95422	31.23	ng	# 74
37) 2-Methylnaphthalene	8.93	142	225473	30.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	97635	30.92	ng	99
40) Hexachlorocyclopentadiene	9.09	237	136180	72.53	ng	98

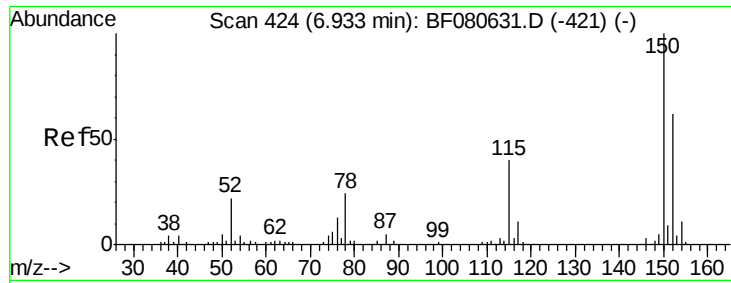
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	69944	32.47	ng	99
43) 2,4,5-Trichlorophenol	9.24	196	75390	33.41	ng	96
45) 1,1'-Biphenyl	9.39	154	243885	31.93	ng	98
46) 2-Chloronaphthalene	9.41	162	203170	31.80	ng	98
47) 2-Nitroaniline	9.50	65	65878	33.63	ng	97
48) Acenaphthylene	9.84	152	351884	32.55	ng	99
49) Dimethylphthalate	9.69	163	248361	31.76	ng	99
50) 2,6-Dinitrotoluene	9.74	165	48573	34.79	ng	94
51) Acenaphthene	10.01	154	240461	36.63	ng	98
52) 3-Nitroaniline	9.92	138	37810	22.77	ng	99
53) 2,4-Dinitrophenol	10.02	184	50067	70.38	ng	# 86
54) Dibenzofuran	10.18	168	316438	33.78	ng	98
55) 4-Nitrophenol	10.06	139	97660	74.49	ng	# 83
56) 2,4-Dinitrotoluene	10.16	165	63990	34.68	ng	# 40
57) Fluorene	10.52	166	244871	33.20	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.29	232	63773	35.42	ng	98
59) Diethylphthalate	10.40	149	261793	33.68	ng	99
60) 4-Chlorophenyl-phenylether	10.52	204	106743	32.57	ng	94
61) 4-Nitroaniline	10.52	138	55900	34.59	ng	97
62) Azobenzene	10.67	77	249472	33.53	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	34289	33.70	ng	94
65) n-Nitrosodiphenylamine	10.62	169	194440	30.65	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	58622	30.05	ng	# 87
67) Hexachlorobenzene	11.07	284	77033	32.42	ng	97
68) Atrazine	11.15	200	58126	31.52	ng	97
69) Pentachlorophenol	11.26	266	81886	69.10	ng	98
70) Phenanthrene	11.48	178	367236	32.13	ng	99
71) Anthracene	11.54	178	362688	32.90	ng	100
72) Carbazole	11.69	167	339309	33.99	ng	99
73) Di-n-butylphthalate	12.03	149	417898	33.79	ng	100
74) Fluoranthene	12.69	202	379697	34.38	ng	93
76) Benzidine	12.82	184	414016	57.83	ng	99
77) Pyrene	12.93	202	384147	29.12	ng	98
79) Butylbenzylphthalate	13.61	149	175330	30.73	ng	97
80) Benzo(a)anthracene	14.24	228	384280	31.10	ng	98
81) 3,3'-Dichlorobenzidine	14.20	252	111486	27.75	ng	# 94
82) Chrysene	14.28	228	365184	31.55	ng	99
83) Bis(2-ethylhexyl)phthalate	14.25	149	263455	30.64	ng	# 97
84) Di-n-octyl phthalate	15.00	149	438923	31.69	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.40	276	445919	35.55	ng	100
87) Benzo(b)fluoranthene	15.46	252	430574	35.11	ng	98
88) Benzo(k)fluoranthene	15.46	252	430574	39.21	ng	# 96
89) Benzo(a)pyrene	15.84	252	360993	32.73	ng	98
90) Dibenzo(a,h)anthracene	17.43	278	374908	32.27	ng	97
91) Benzo(g,h,i)perylene	17.85	276	384075	32.55	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

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PB84491BS

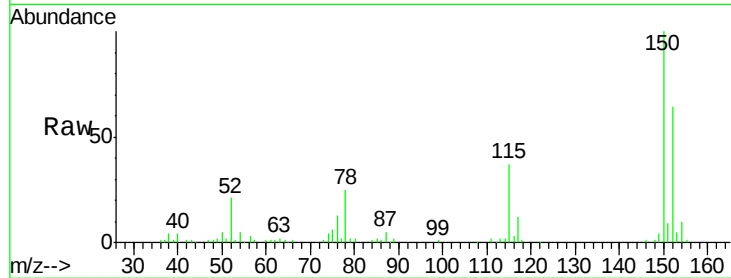
Tgt Ion:152 Resp: 57216

Ion Ratio Lower Upper

152 100

150 155.7 128.9 193.3

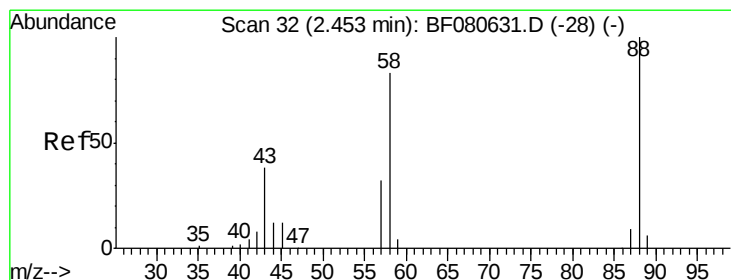
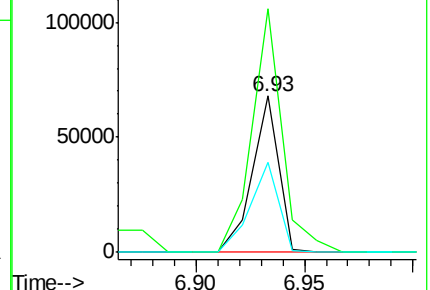
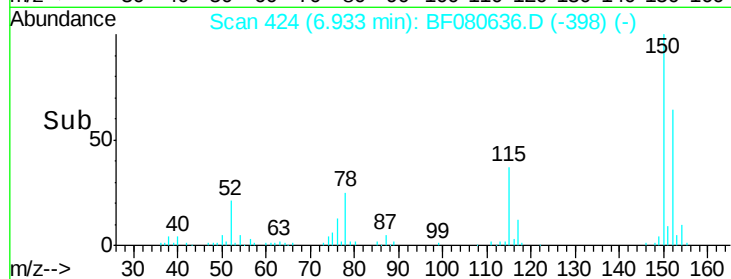
115 57.7 51.0 76.6



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: 24.93 ng

RT: 2.48 min Scan# 34

Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

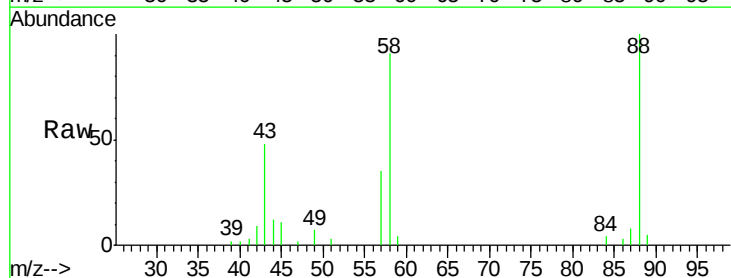
Tgt Ion: 88 Resp: 38027

Ion Ratio Lower Upper

88 100

58 93.4 67.7 101.5

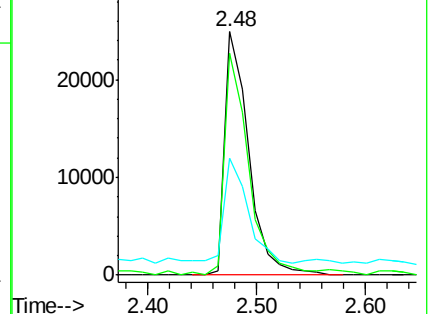
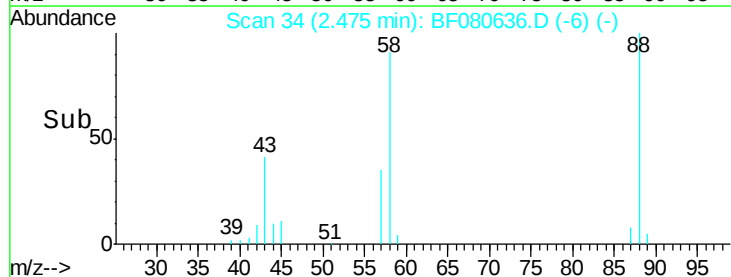
43 43.3 30.9 46.3

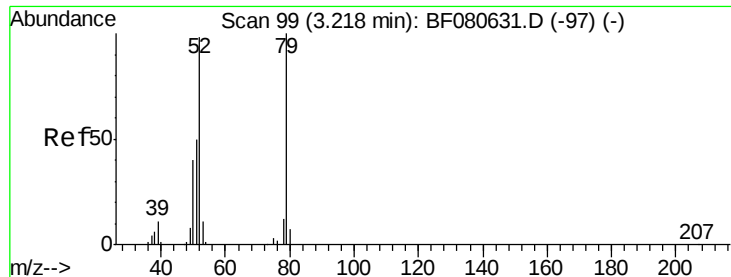


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.27 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.03 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

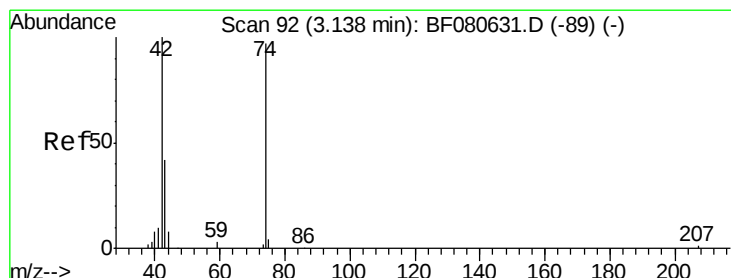
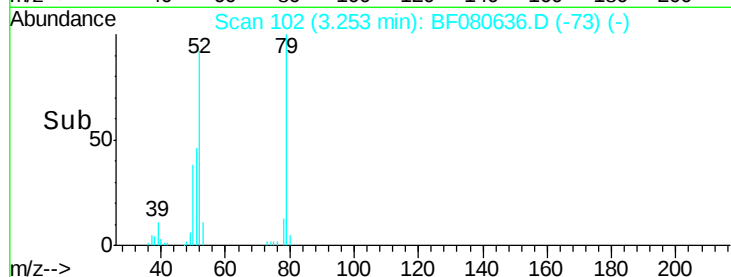
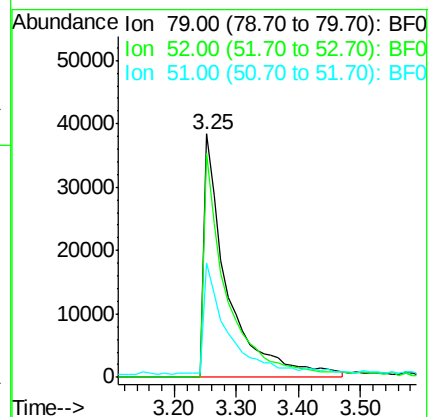
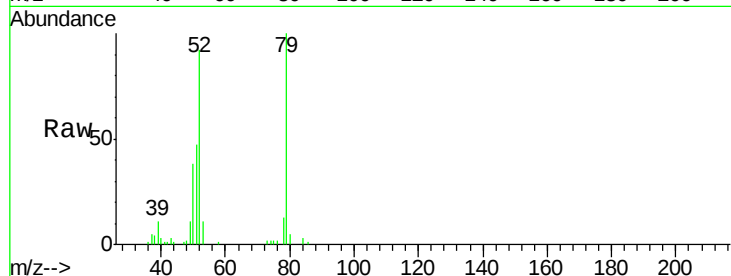
Tgt Ion: 79 Resp: 101732

Ion Ratio Lower Upper

79 100

52 91.9 78.8 118.2

51 47.1 41.4 62.2



#4

n-Nitrosodimethylamine

Concen: 30.78 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

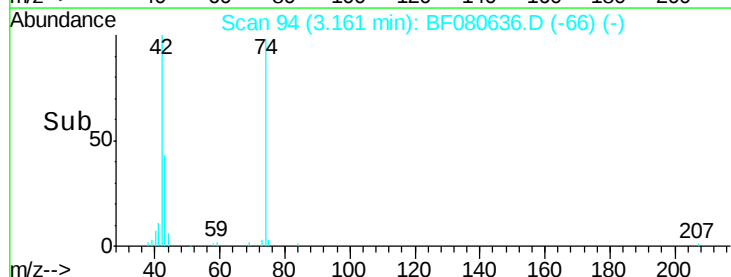
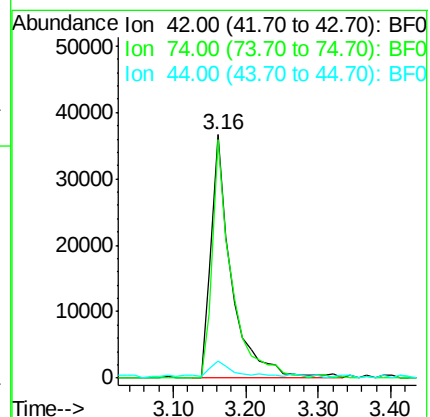
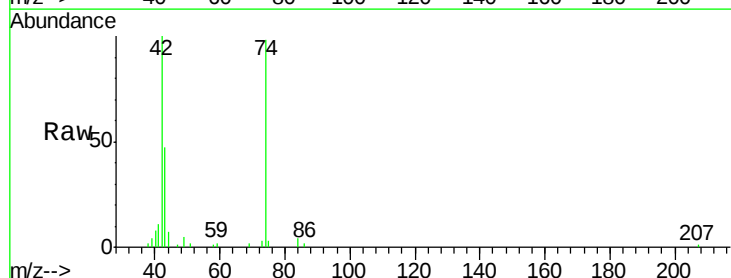
Tgt Ion: 42 Resp: 72193

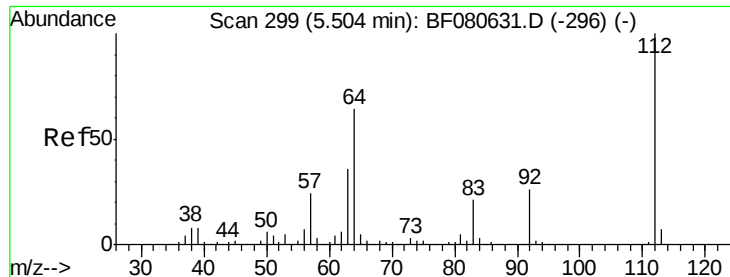
Ion Ratio Lower Upper

42 100

74 98.2 77.8 116.6

44 7.2 6.2 9.4





#5

2-Fluorophenol

Concen: 95.44 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

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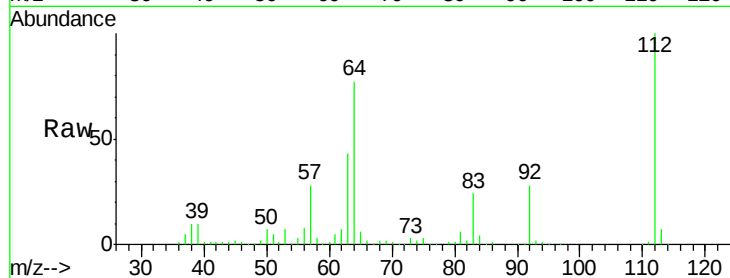
Tgt Ion: 112 Resp: 324317

Ion Ratio Lower Upper

112 100

64 76.7 51.2 76.8

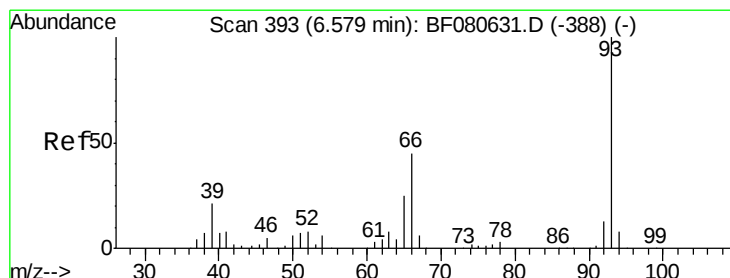
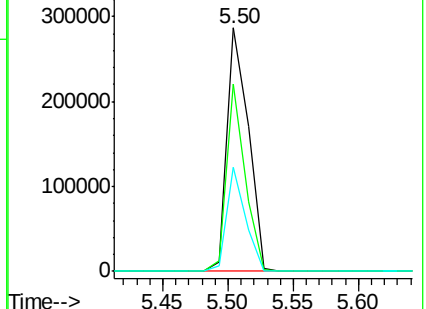
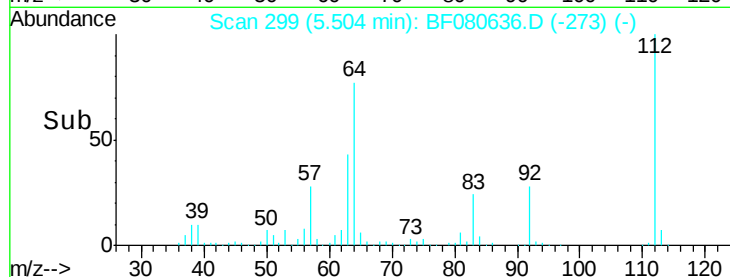
63 42.8 29.0 43.6



Abundance Ion 112.00 (111.70 to 112.70): BF080636.D (-273) (-)

Ion 64.00 (63.70 to 64.70): BF080636.D (-273) (-)

Ion 63.00 (62.70 to 63.70): BF080636.D (-273) (-)



#6

Aniline

Concen: 17.87 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

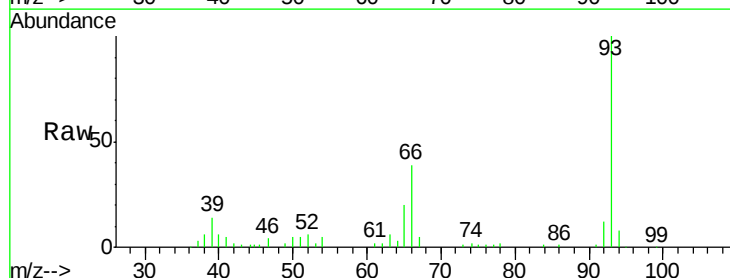
Tgt Ion: 93 Resp: 102612

Ion Ratio Lower Upper

93 100

66 38.8 36.3 54.5

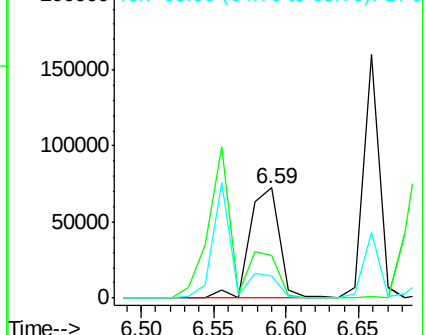
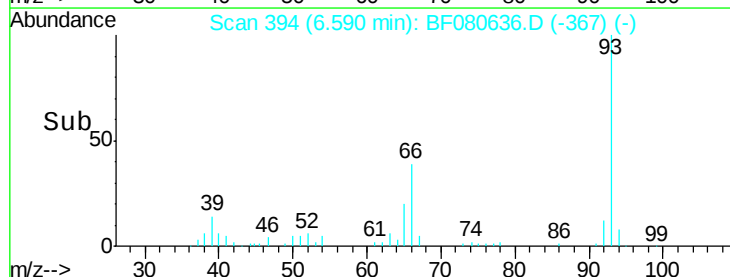
65 20.4 19.9 29.9

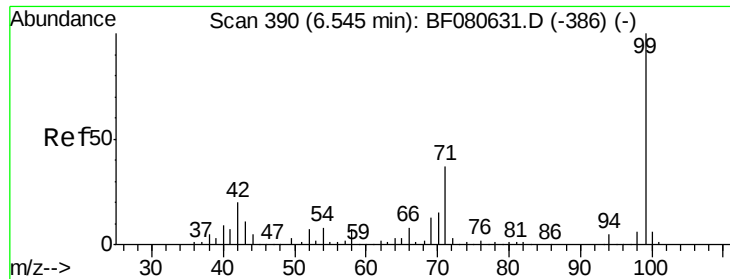


Abundance Ion 93.00 (92.70 to 93.70): BF080636.D (-367) (-)

Ion 66.00 (65.70 to 66.70): BF080636.D (-367) (-)

Ion 65.00 (64.70 to 65.70): BF080636.D (-367) (-)





#7

Phenol-d6

Concen: 105.73 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

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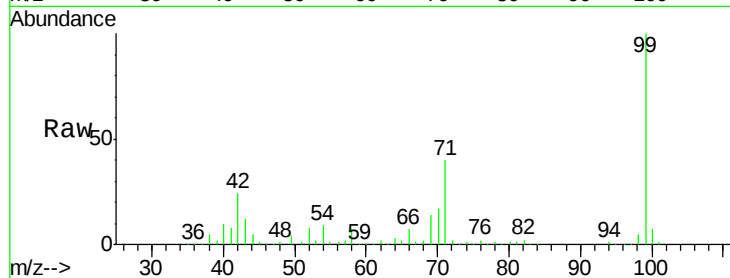
Tgt Ion: 99 Resp: 429103

Ion Ratio Lower Upper

99 100

42 24.1 16.3 24.5

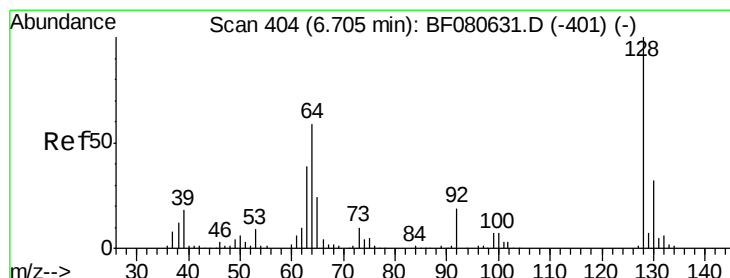
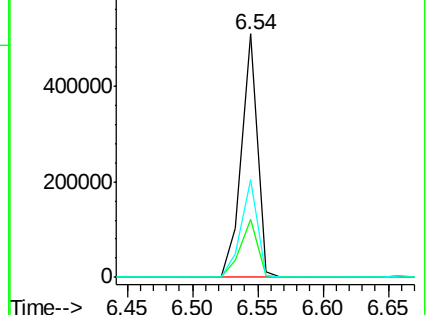
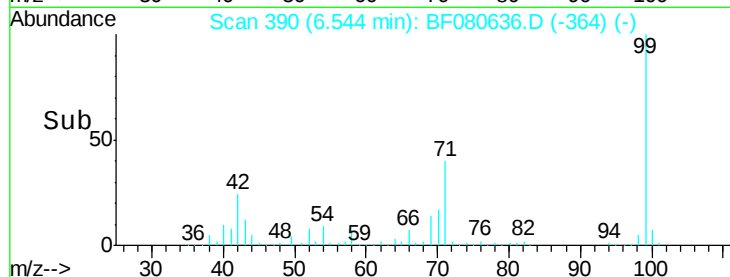
71 40.2 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.53 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

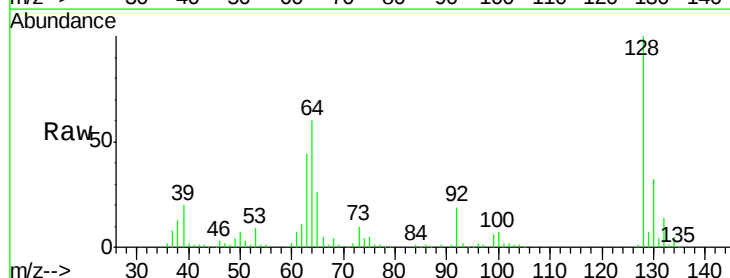
Tgt Ion: 128 Resp: 113938

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

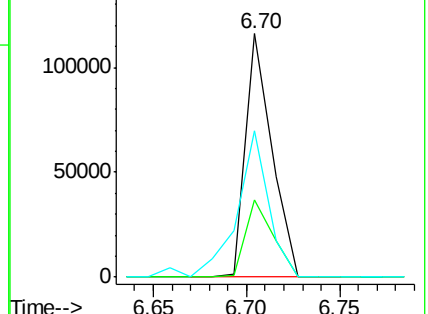
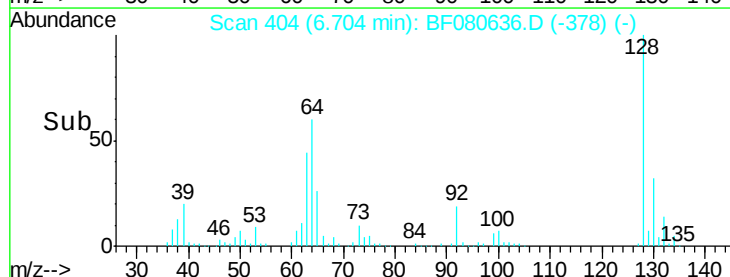
64 59.9 38.9 78.9

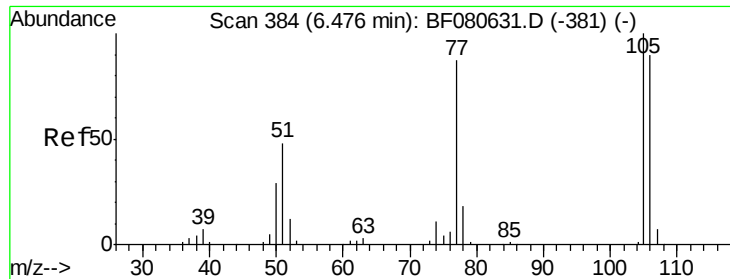


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080636.D

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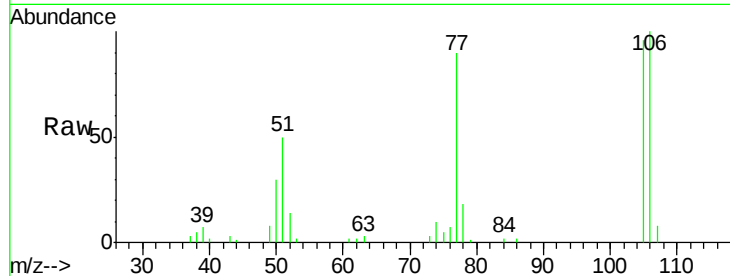
Tgt Ion: 77 Resp: 28845

Ion Ratio Lower Upper

77 100

105 106.7 94.7 134.7

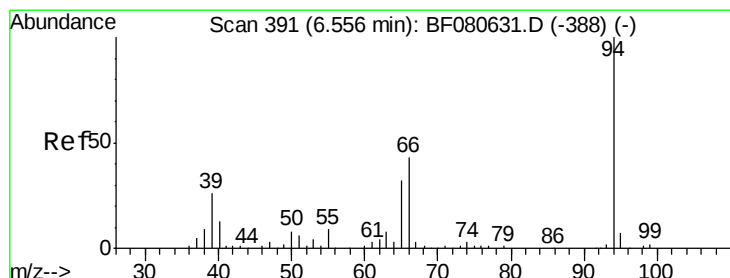
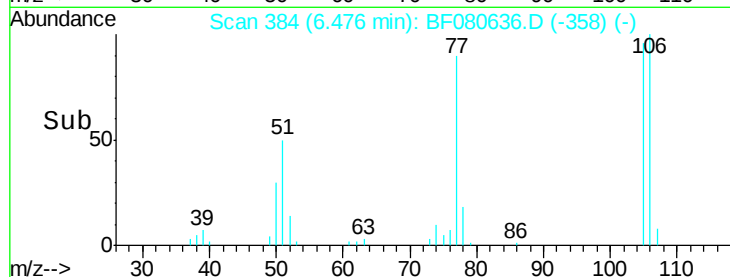
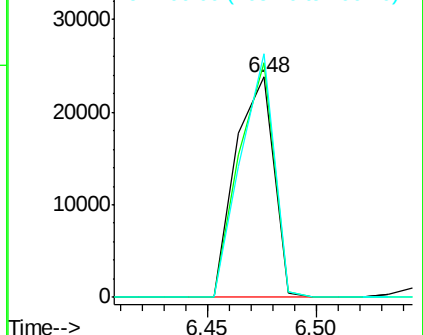
106 110.6 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 34.60 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

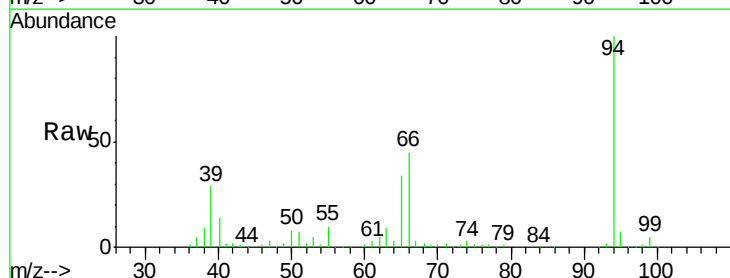
Tgt Ion: 94 Resp: 170064

Ion Ratio Lower Upper

94 100

65 34.1 12.5 52.5

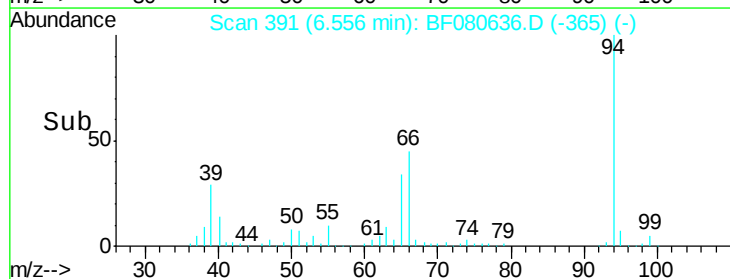
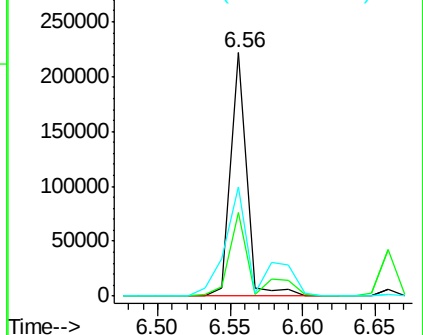
66 44.7 22.8 62.8

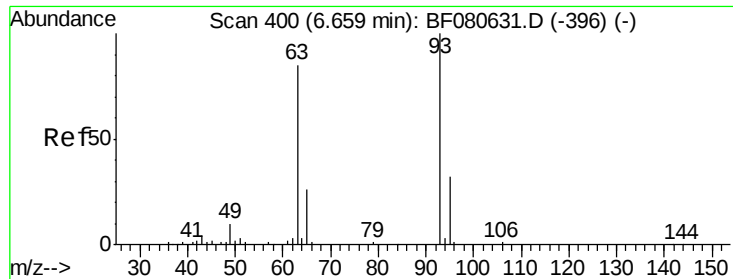


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

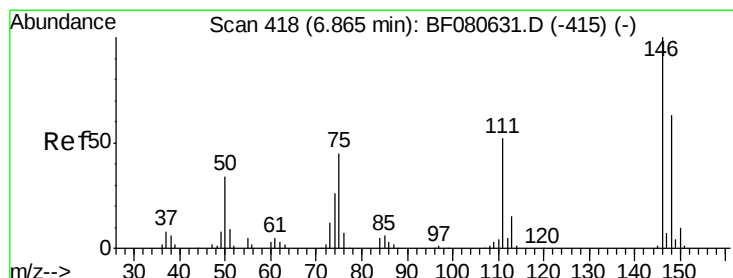
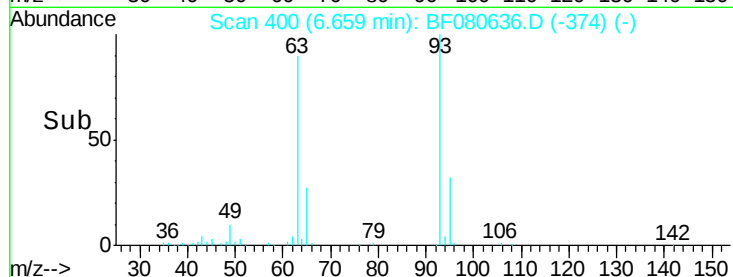
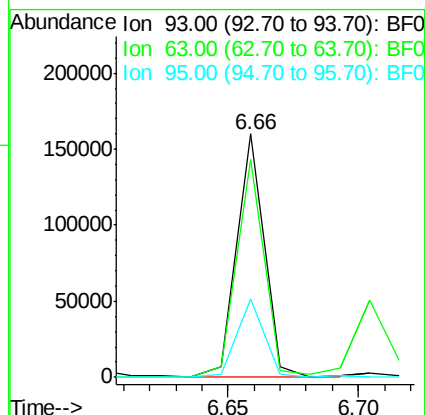
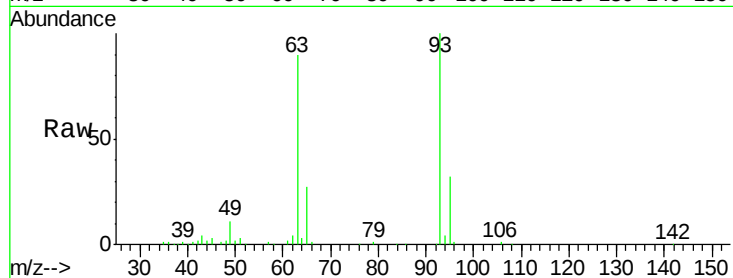




#11
bis(2-Chloroethyl)ether
Concen: 32.63 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

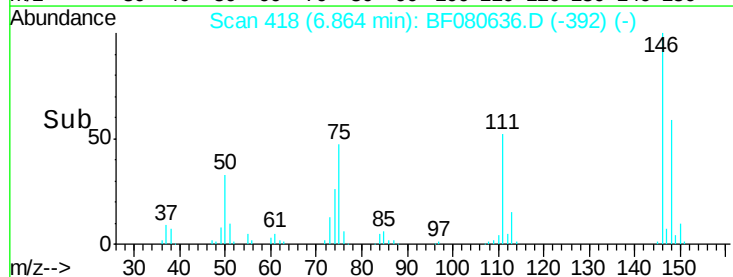
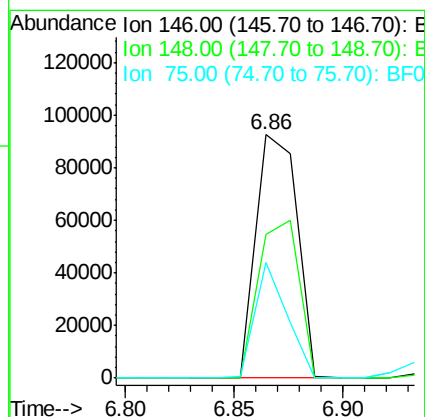
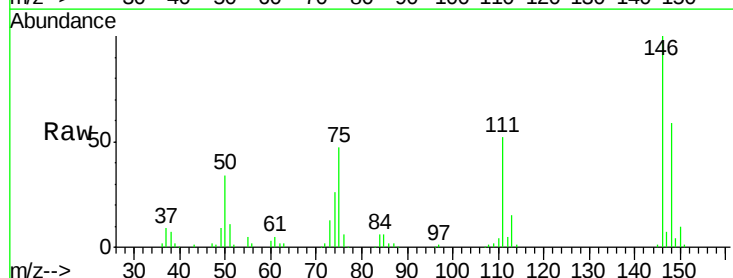
Instrument :
BNA_F
ClientSampleId :
PB84491BS

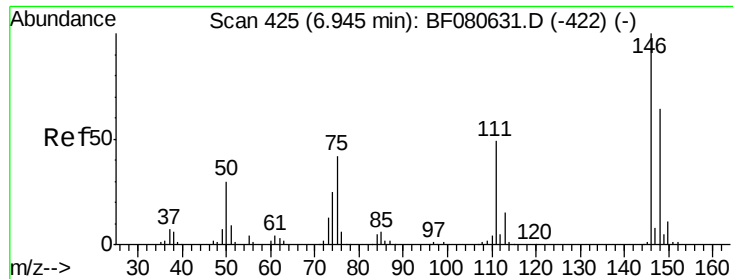
Tgt Ion: 93 Resp: 117949
Ion Ratio Lower Upper
93 100
63 89.7 65.1 105.1
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 30.43 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion: 146 Resp: 122657
Ion Ratio Lower Upper
146 100
148 59.3 50.2 75.2
75 47.4 36.3 54.5

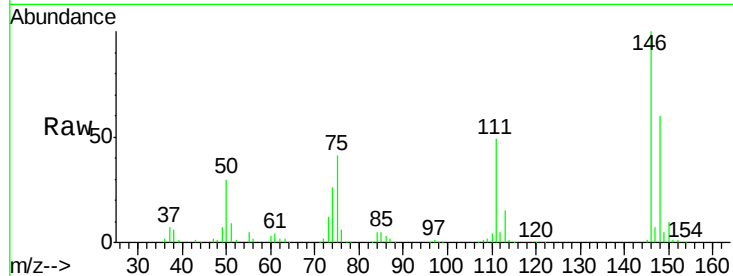




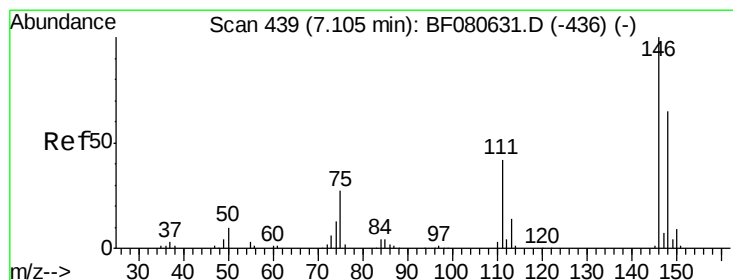
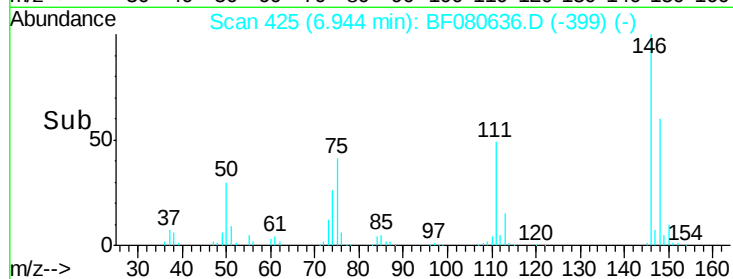
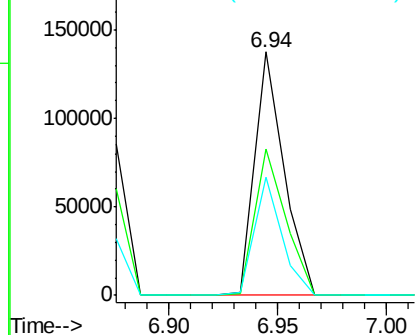
#13
 1,4-Dichlorobenzene
 Concen: 30.92 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:146 Resp: 129042
 Ion Ratio Lower Upper
 146 100
 148 60.0 51.4 77.2
 111 48.6 39.5 59.3

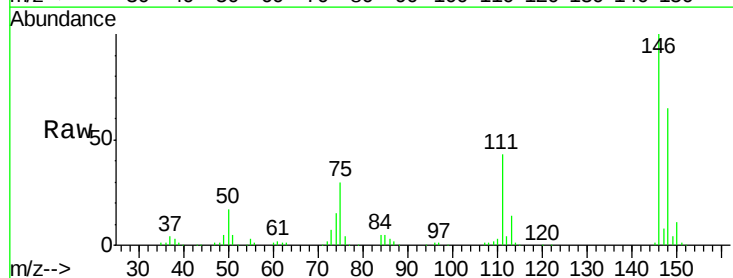


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

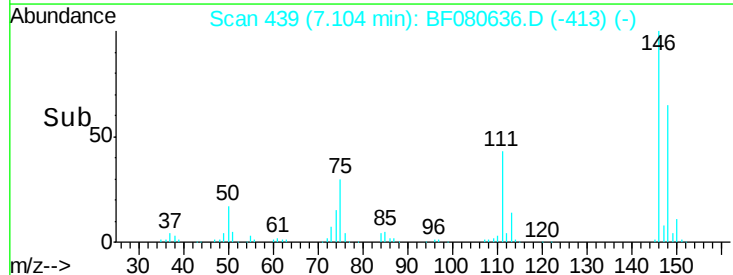
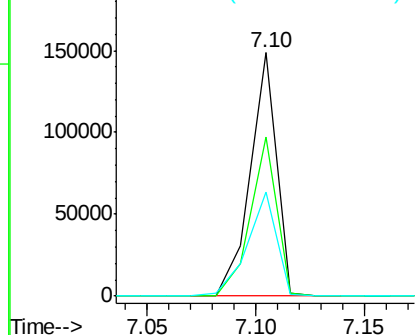


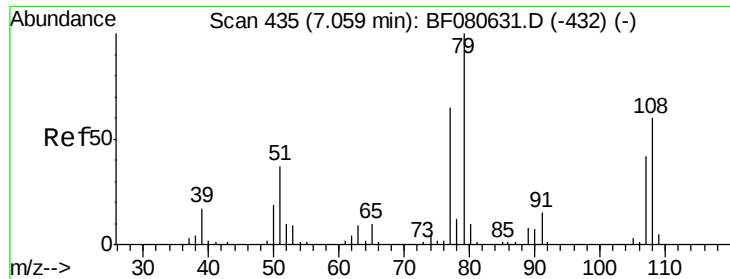
#14
 1,2-Dichlorobenzene
 Concen: 30.31 ng
 RT: 7.10 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:146 Resp: 124427
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.6 77.4
 111 42.5 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 30.68 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

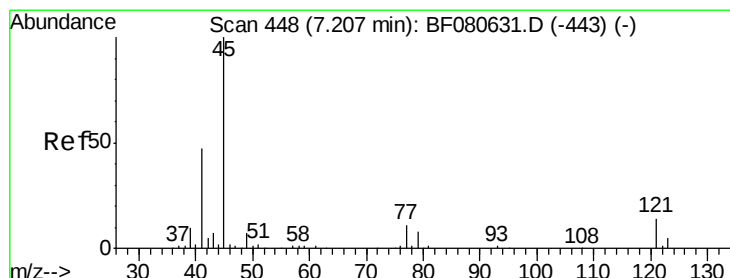
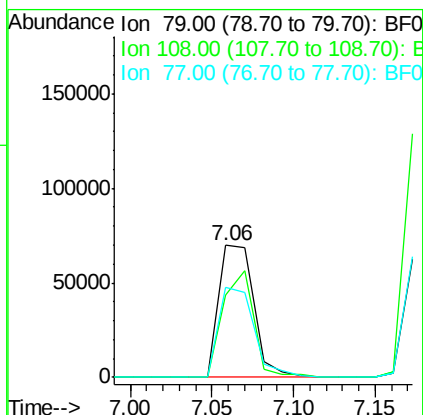
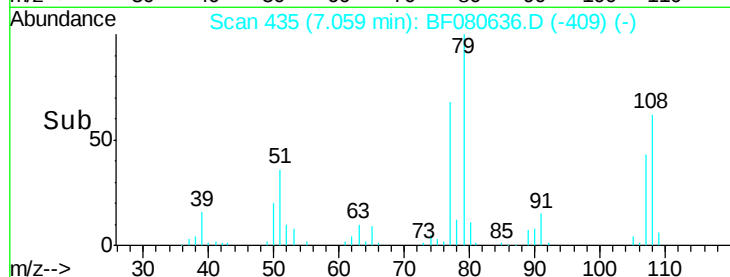
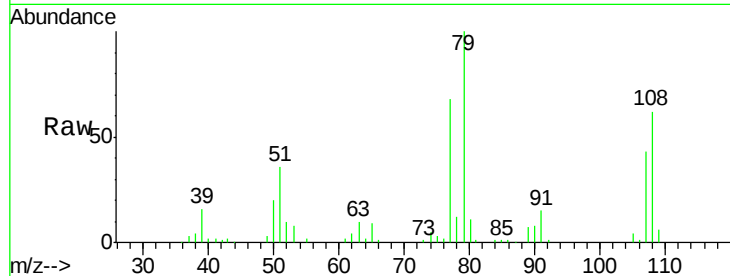
Tgt Ion: 79 Resp: 103450

Ion Ratio Lower Upper

79 100

108 62.0 47.8 71.8

77 68.1 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.64 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

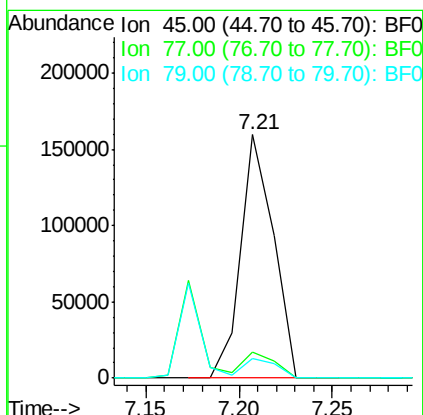
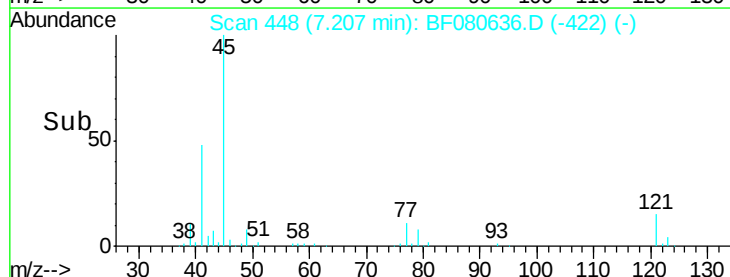
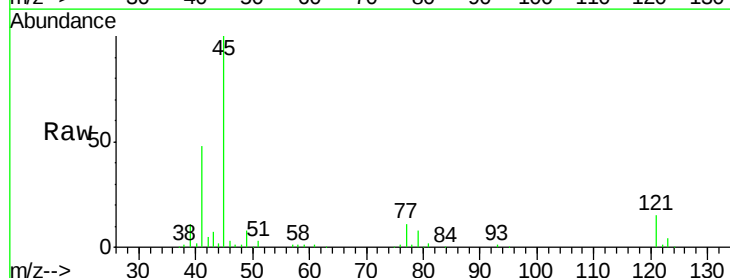
Tgt Ion: 45 Resp: 194315

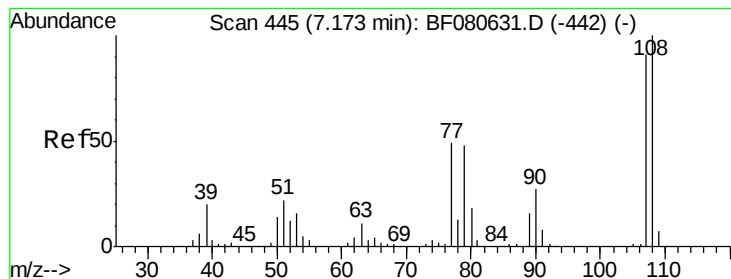
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.0

79 7.9 0.0 27.8





#17

2-Methylphenol

Concen: 31.41 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:107 Resp: 93213

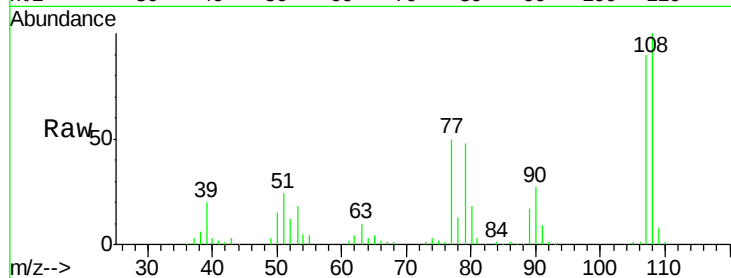
Ion Ratio Lower Upper

107 100

108 110.6 88.4 132.6

77 54.8 43.0 64.4

79 53.5 42.2 63.2

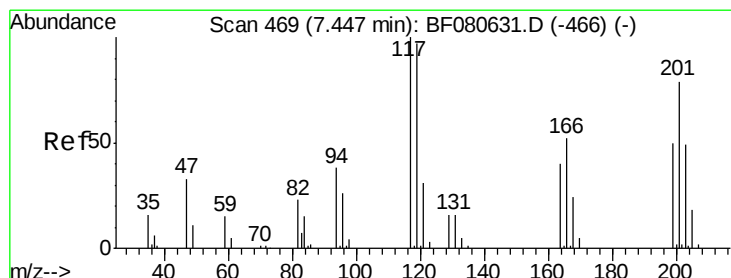
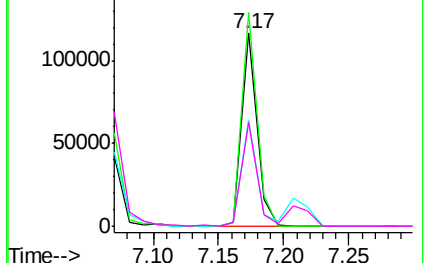
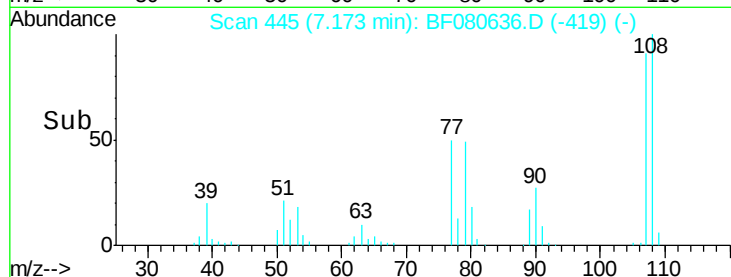


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.37 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

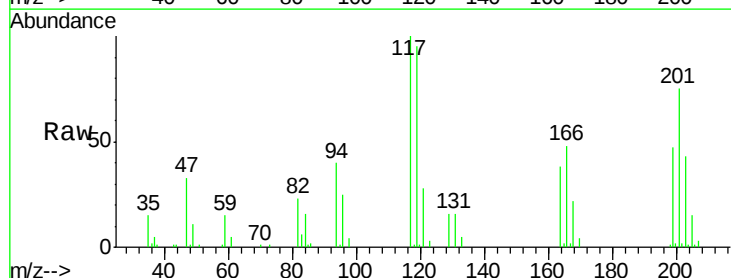
Tgt Ion:117 Resp: 49574

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2

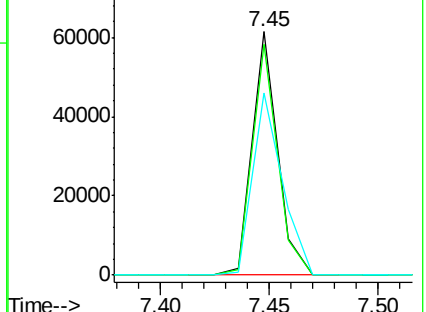
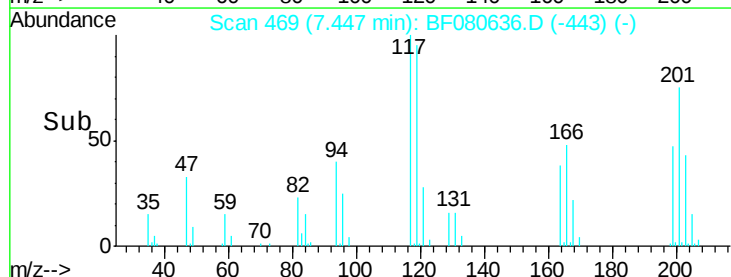
201 74.6 62.9 94.3

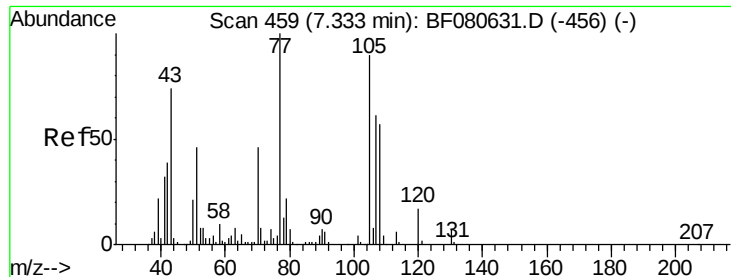


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

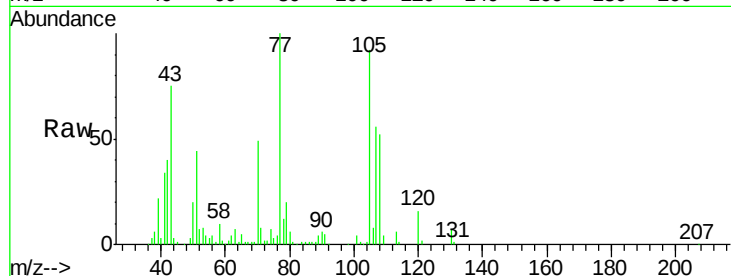




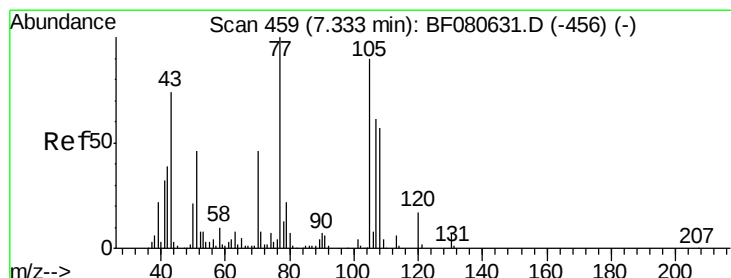
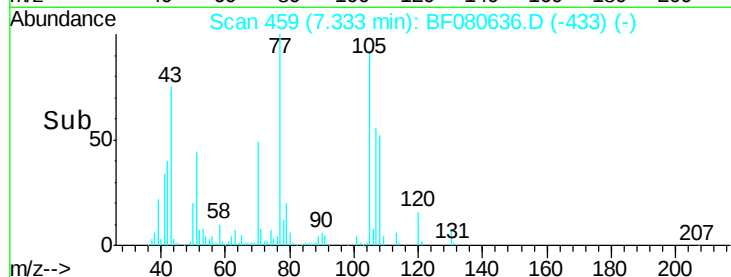
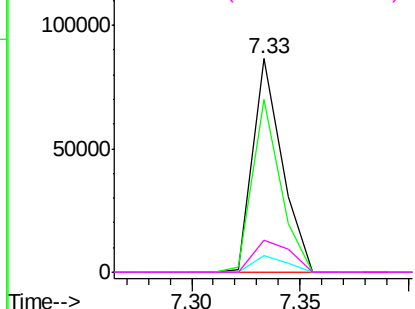
#19
n-Nitroso-di-n-propylamine
Concen: 27.68 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion: 70 Resp: 81082
Ion Ratio Lower Upper
70 100
42 80.9 67.8 101.8
101 7.8 6.6 9.8
130 15.0 11.4 17.0



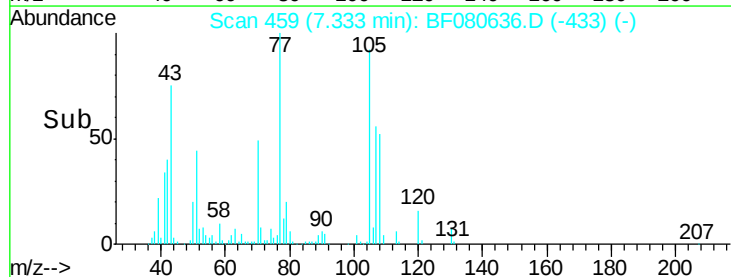
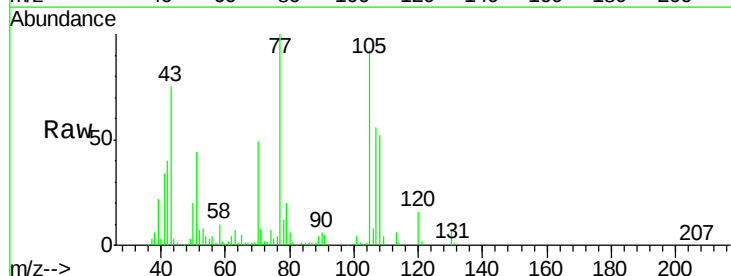
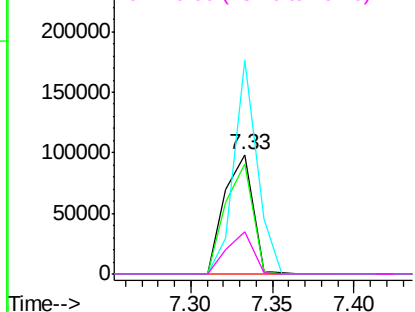
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

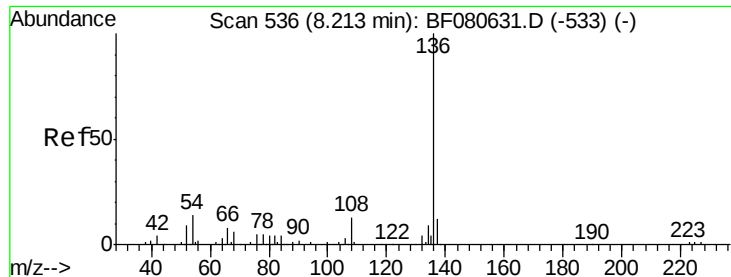


#20
3+4-Methylphenols
Concen: 30.54 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion: 107 Resp: 117532
Ion Ratio Lower Upper
107 100
108 92.9 73.5 113.5
77 179.4 142.7 182.7
79 35.4 15.7 55.7

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:136 Resp: 205752

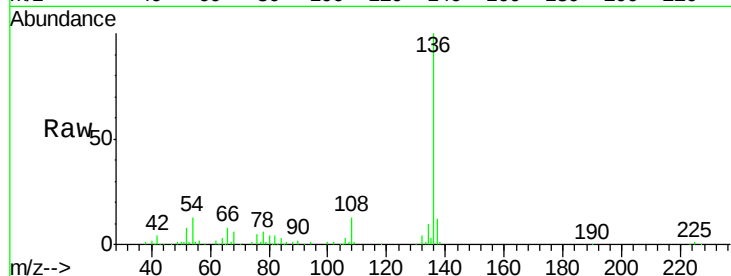
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 12.9 11.6 17.4

68 5.9 5.0 7.4

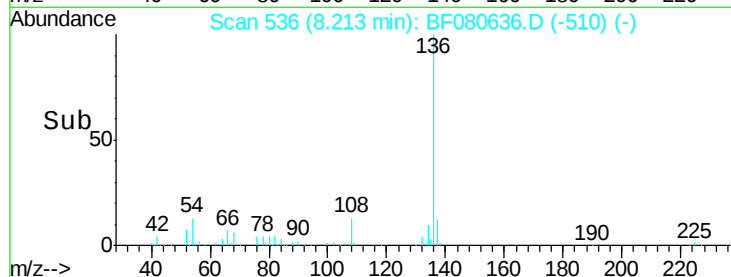


Abundance Ion 136.00 (135.70 to 136.70): E

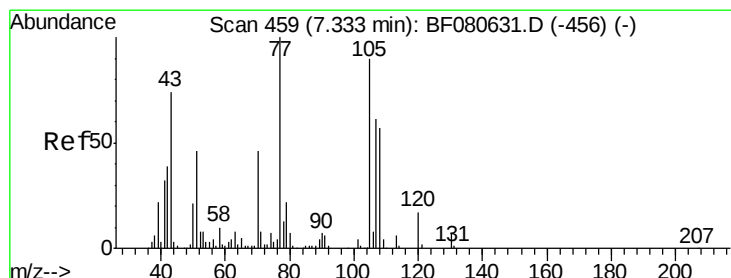
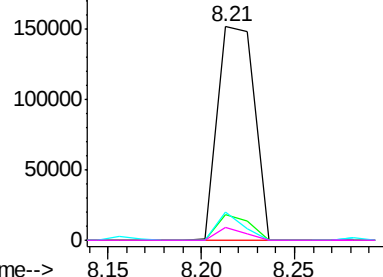
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 30.92 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:105 Resp: 165216

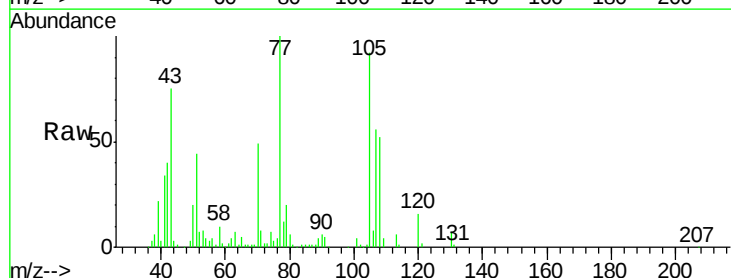
Ion Ratio Lower Upper

105 100

71 8.8 7.2 10.8

51 48.2 40.8 61.2

120 17.8 15.3 22.9

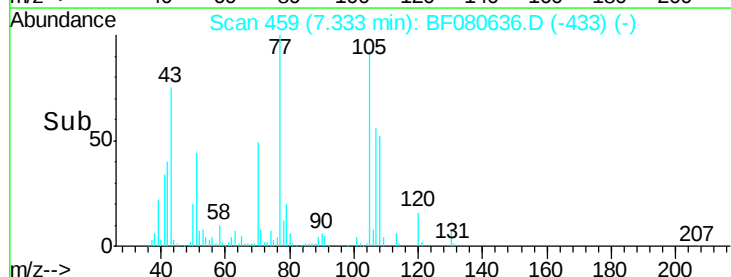


Abundance Ion 105.00 (104.70 to 105.70): E

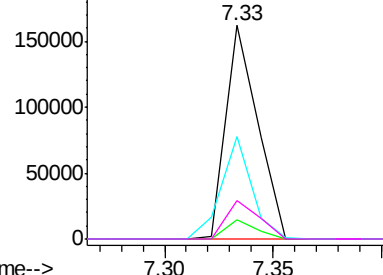
Ion 71.00 (70.70 to 71.70): BF0

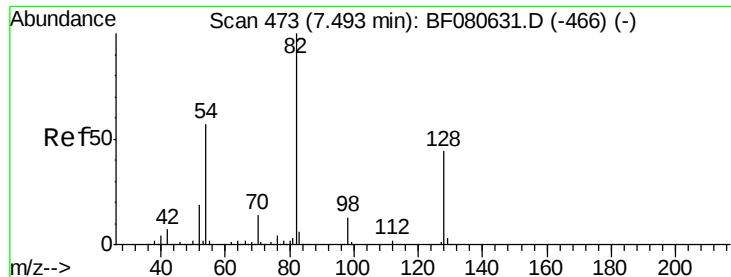
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

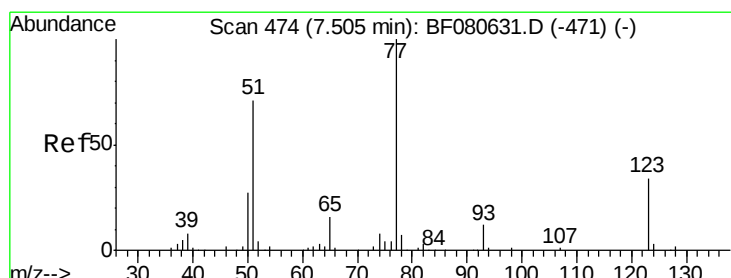
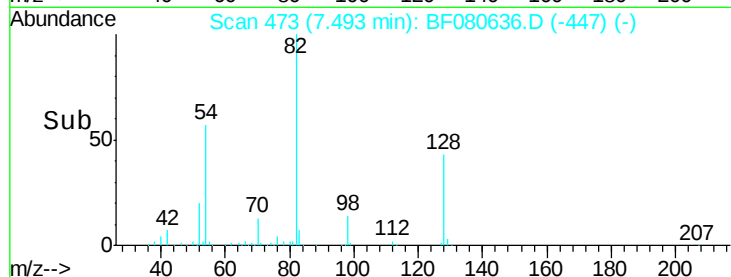
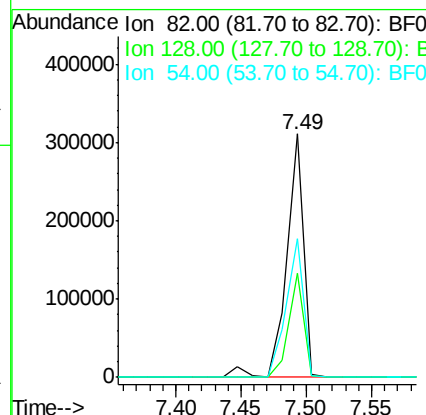
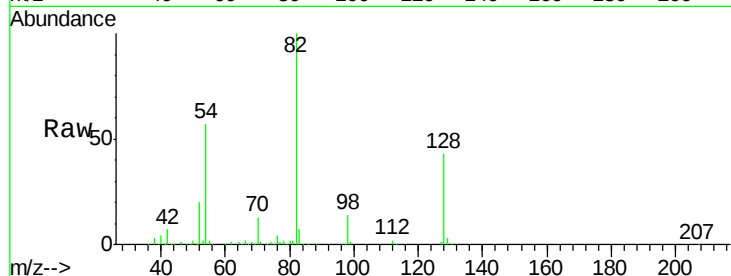




#23
 Nitrobenzene-d5
 Concen: 69.22 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

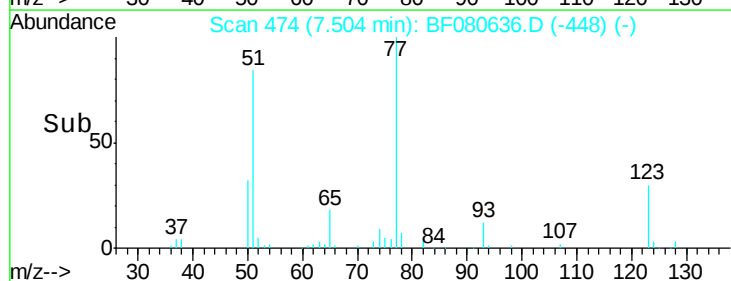
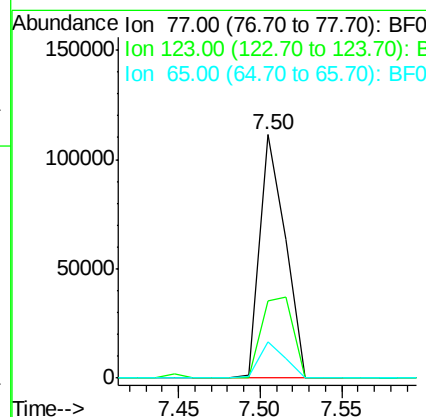
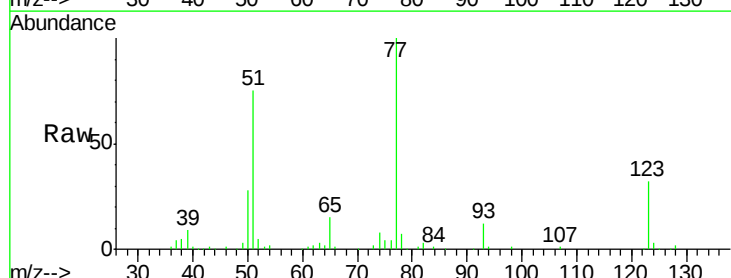
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

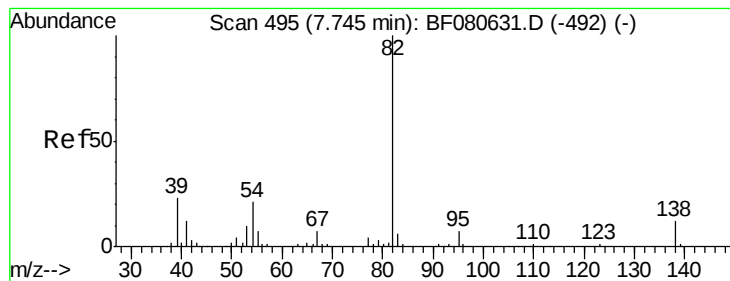
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.8	52.2
54	56.8	45.4	68.0



#24
 Nitrobenzene
 Concen: 29.73 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.0	27.1	40.7
65	15.0	12.6	18.8





#25

Isophorone

Concen: 29.74 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

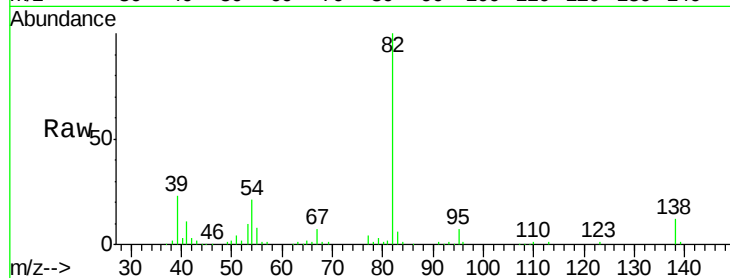
Tgt Ion: 82 Resp: 213648

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

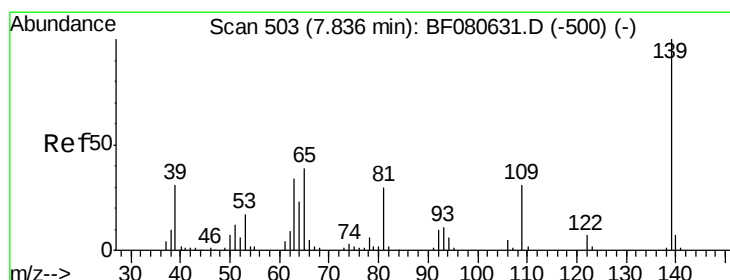
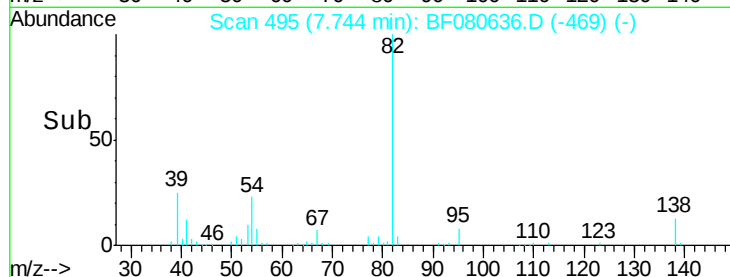
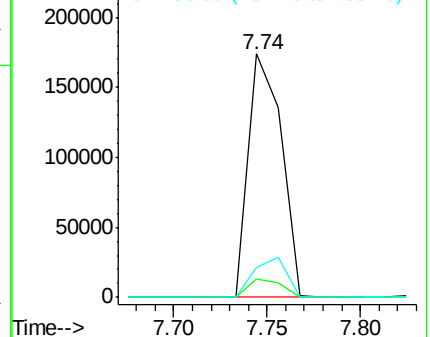
138 12.3 9.7 14.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.32 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

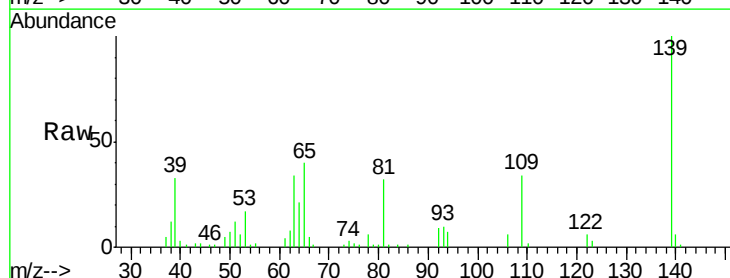
Tgt Ion: 139 Resp: 48153

Ion Ratio Lower Upper

139 100

109 33.9 25.0 37.6

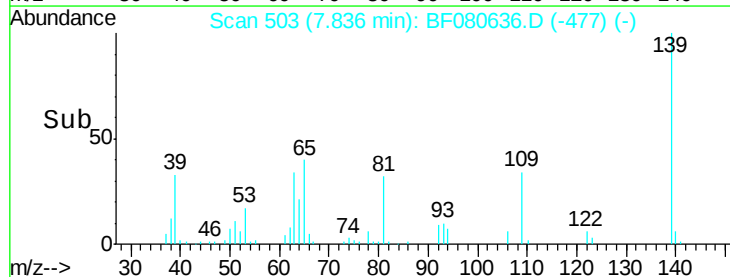
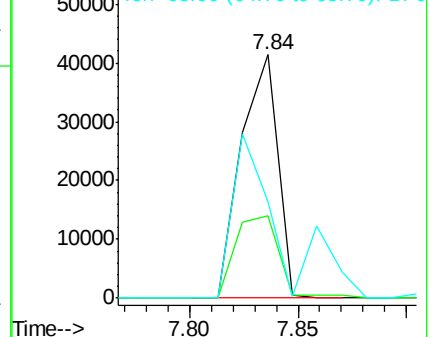
65 39.6 31.4 47.0

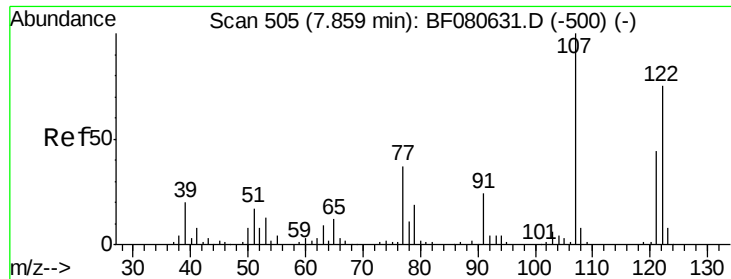


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

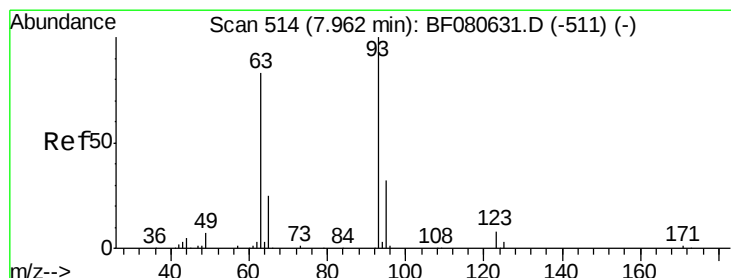
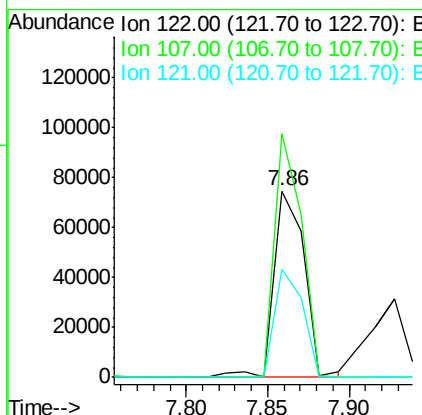
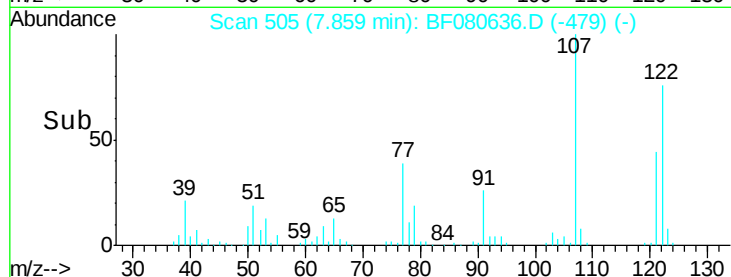
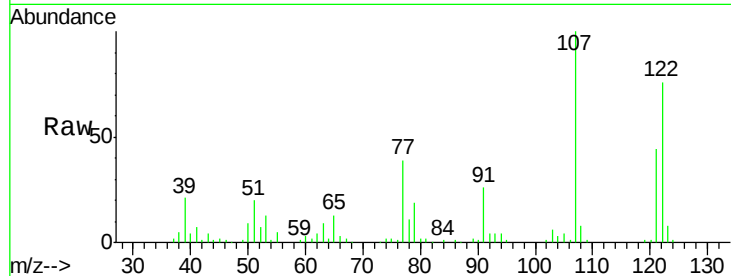




#27
 2,4-Dimethylphenol
 Concen: 32.26 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

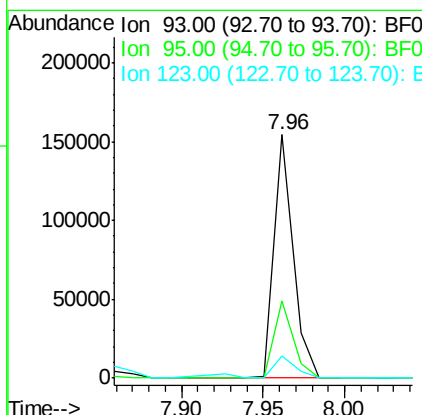
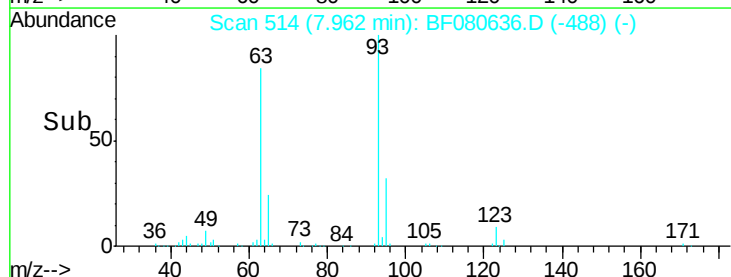
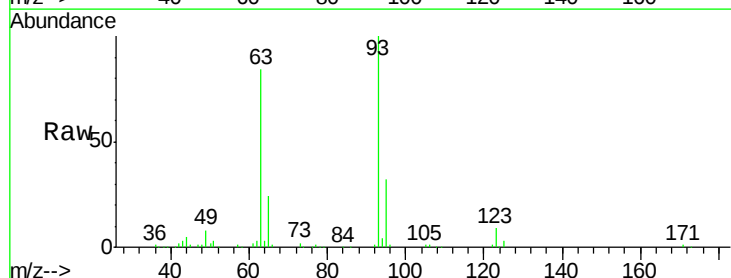
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

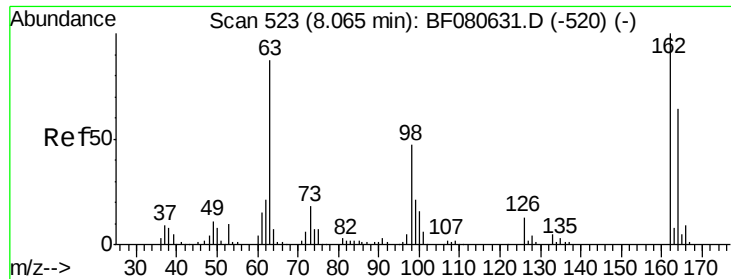
Tgt Ion:122 Resp: 96294
 Ion Ratio Lower Upper
 122 100
 107 130.9 107.4 161.0
 121 57.8 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.40 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion: 93 Resp: 126595
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.4 38.0
 123 9.0 7.2 10.8

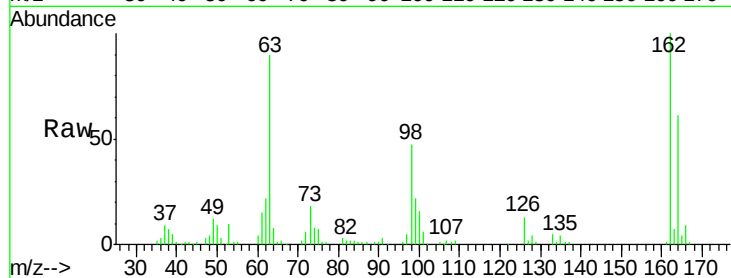




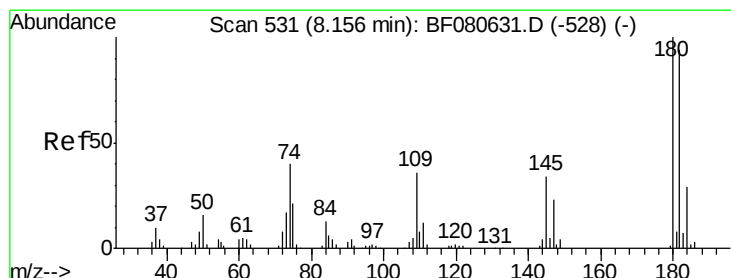
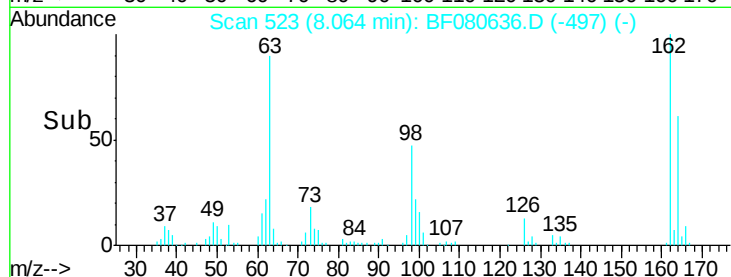
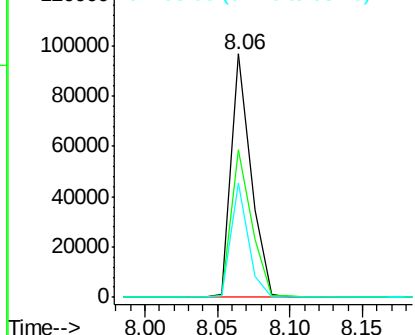
#29
 2,4-Dichlorophenol
 Concen: 32.28 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:162 Resp: 91903
 Ion Ratio Lower Upper
 162 100
 164 60.6 43.9 83.9
 98 47.1 26.5 66.5

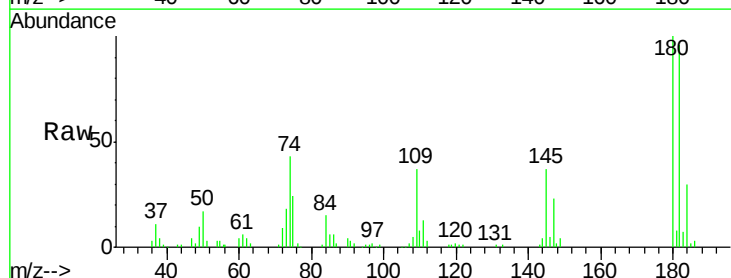


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

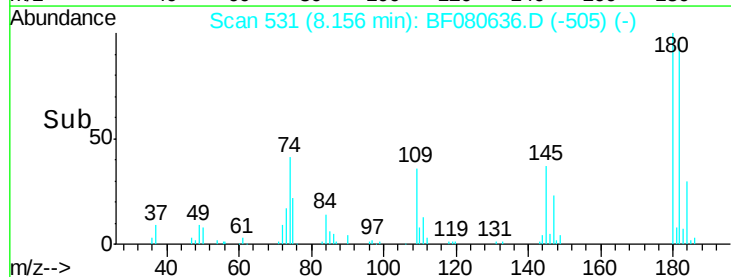
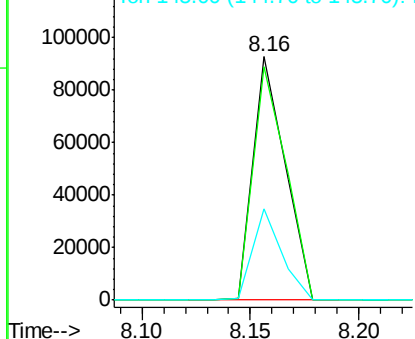


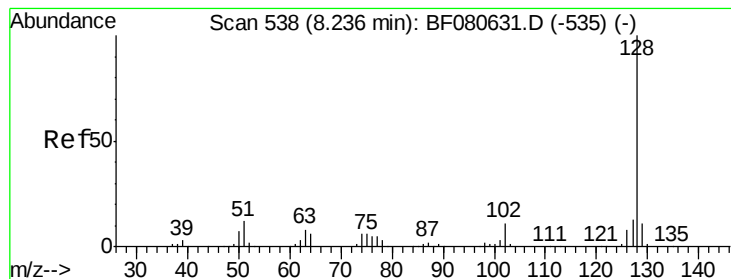
#30
 1,2,4-Trichlorobenzene
 Concen: 28.38 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:180 Resp: 95848
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.5 113.3
 145 37.4 27.1 40.7



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: 30.20 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

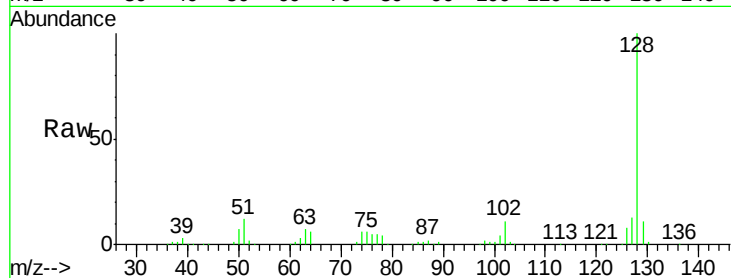
Tgt Ion:128 Resp: 311318

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

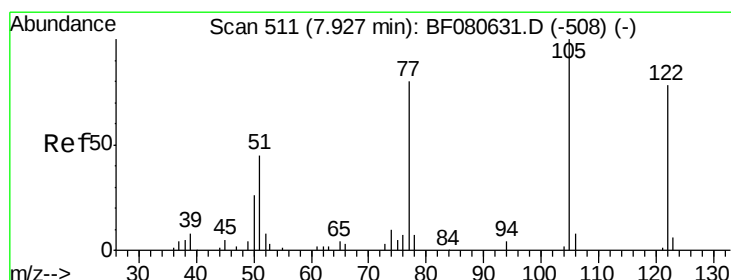
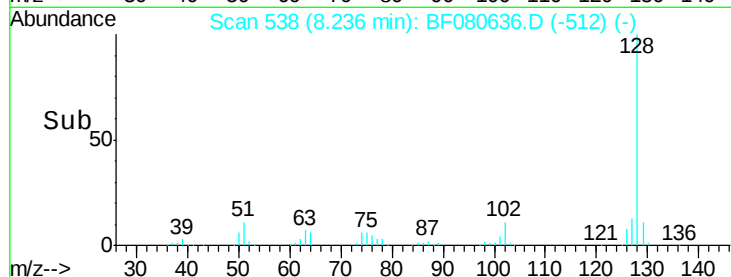
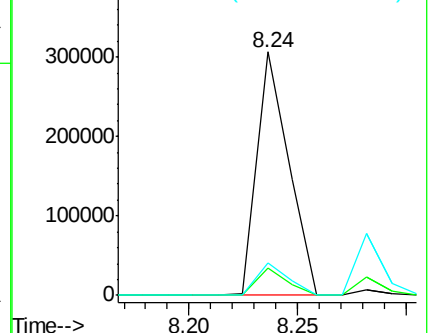
127 13.2 10.6 15.8



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: 32.62 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

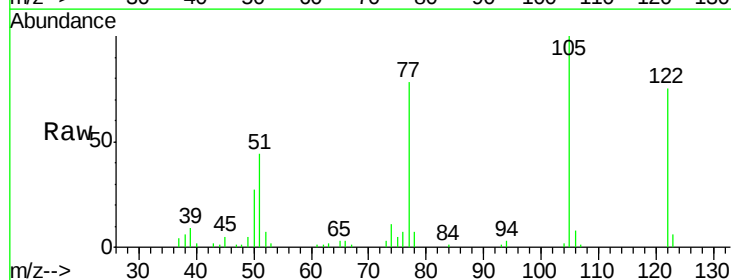
Tgt Ion:122 Resp: 53114

Ion Ratio Lower Upper

122 100

105 133.7 107.9 147.9

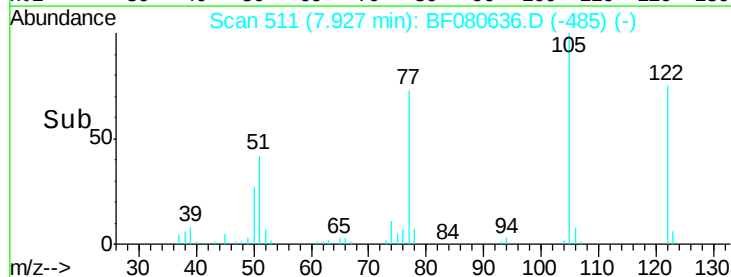
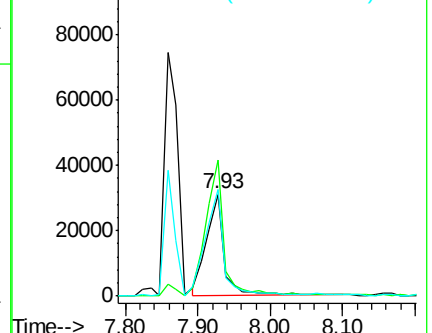
77 104.2 84.3 124.3

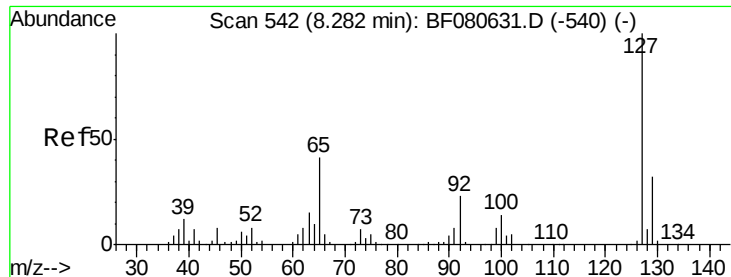


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

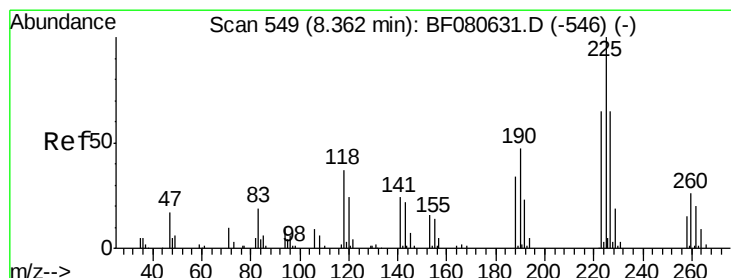
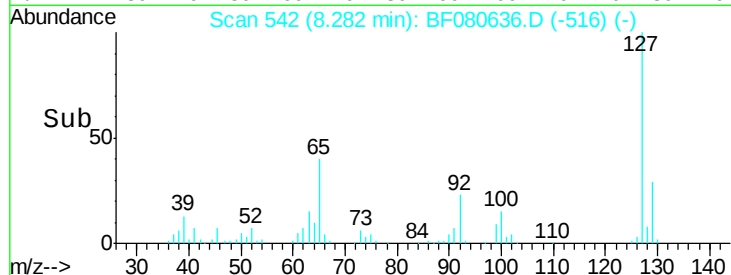
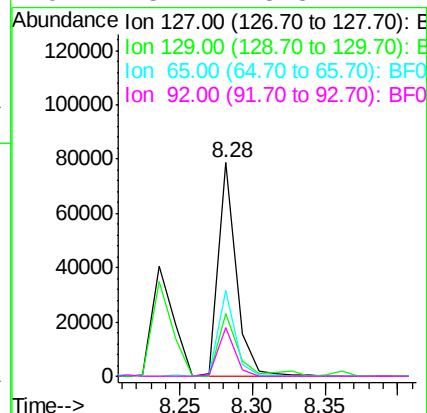
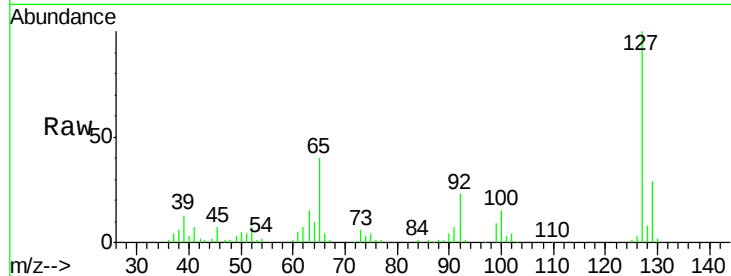




#33
4-Chloroaniline
Concen: 14.97 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

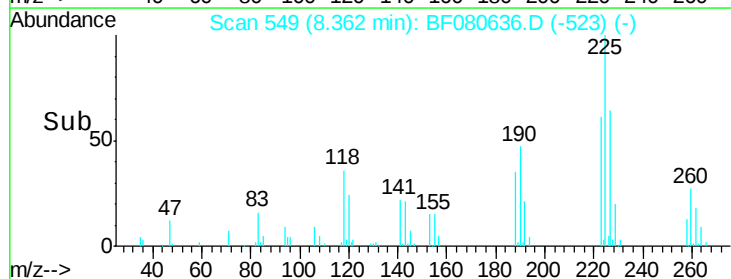
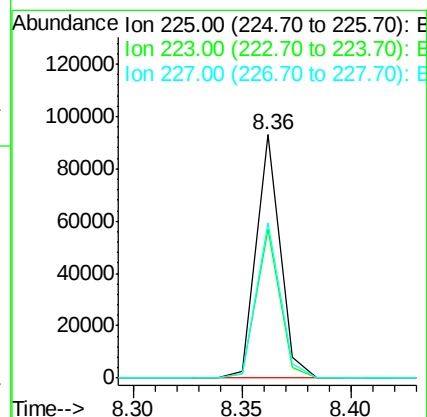
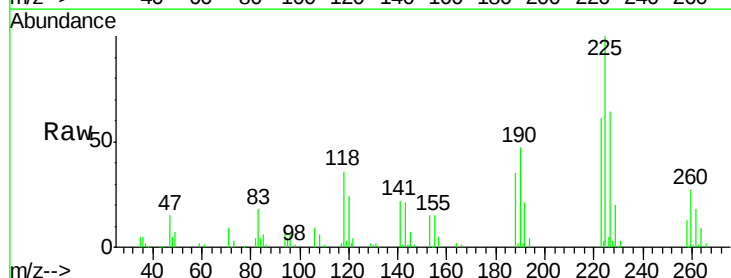
Instrument :
BNA_F
ClientSampleId :
PB84491BS

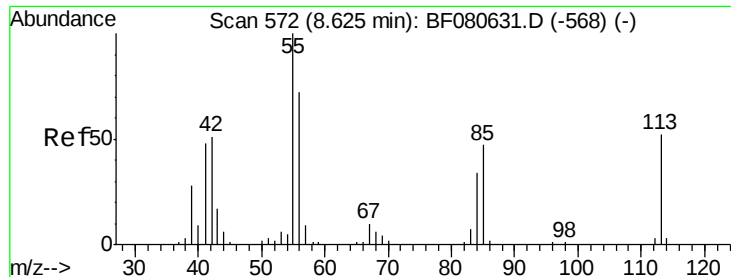
Tgt Ion:	127	Resp:	67767
Ion	Ratio	Lower	Upper
127	100		
129	29.2	25.8	38.6
65	40.0	32.5	48.7
92	23.1	18.5	27.7



#34
Hexachlorobutadiene
Concen: 30.44 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion:	225	Resp:	71039
Ion	Ratio	Lower	Upper
225	100		
223	61.2	51.9	77.9
227	63.9	51.6	77.4

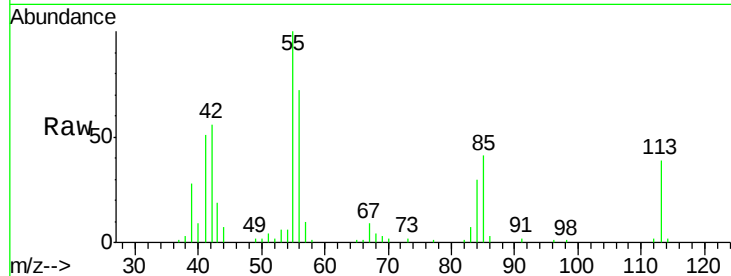




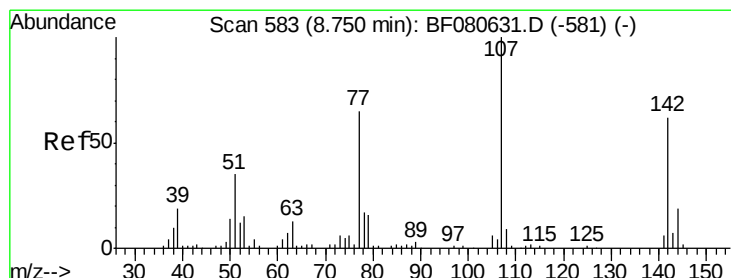
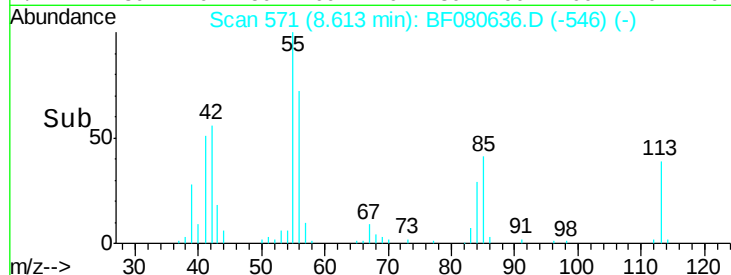
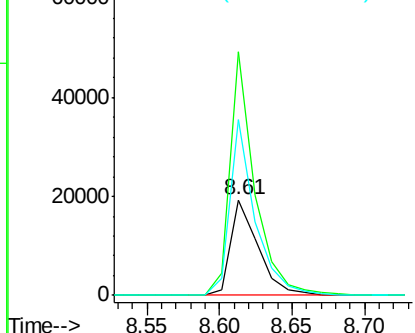
#35
 Caprolactam
 Concen: 31.31 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:113 Resp: 25526
 Ion Ratio Lower Upper
 113 100
 55 254.4 170.7 210.7#
 56 183.5 118.2 158.2#

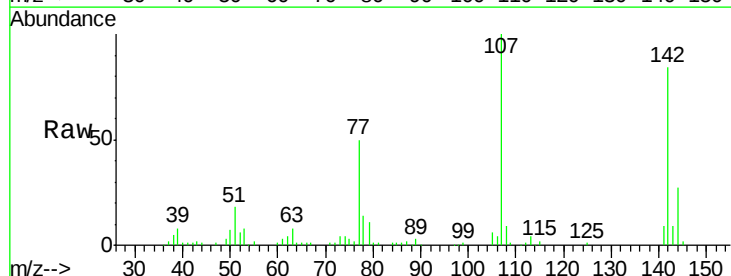


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

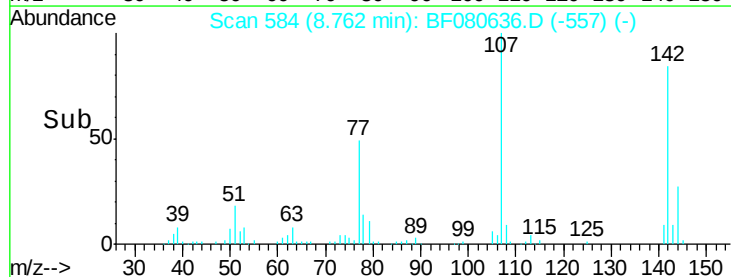
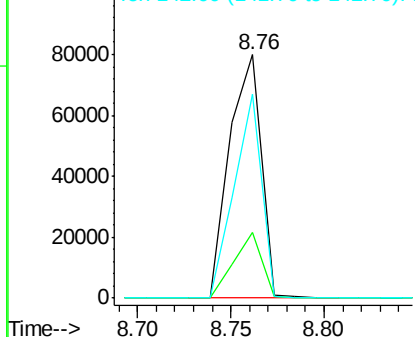


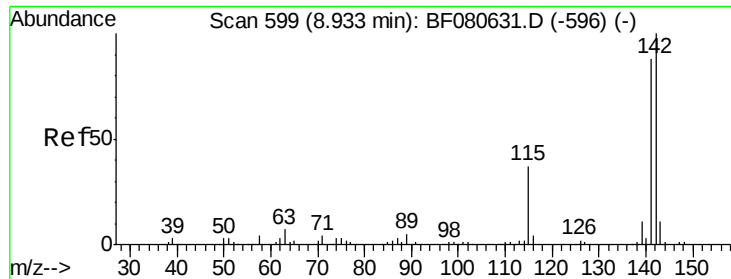
#36
 4-Chloro-3-methylphenol
 Concen: 31.23 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:107 Resp: 95422
 Ion Ratio Lower Upper
 107 100
 144 26.9 15.0 22.6#
 142 83.7 49.5 74.3#



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

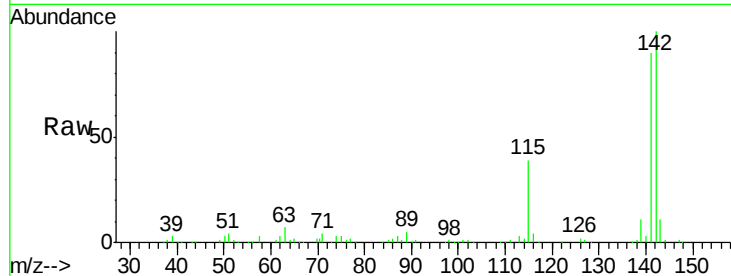




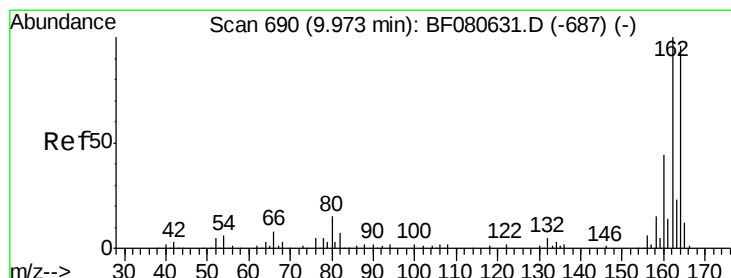
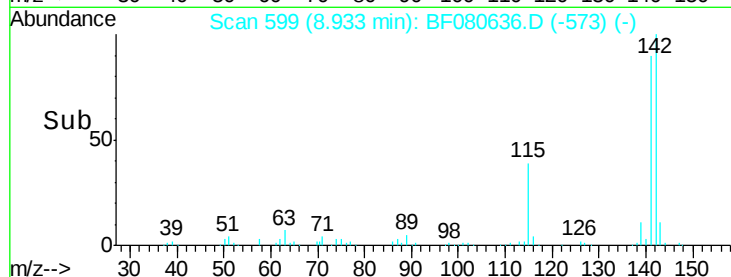
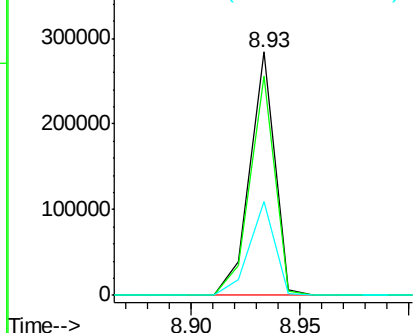
#37
 2-Methylnaphthalene
 Concen: 30.69 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:142 Resp: 225473
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.7 106.1
 115 38.6 29.3 43.9

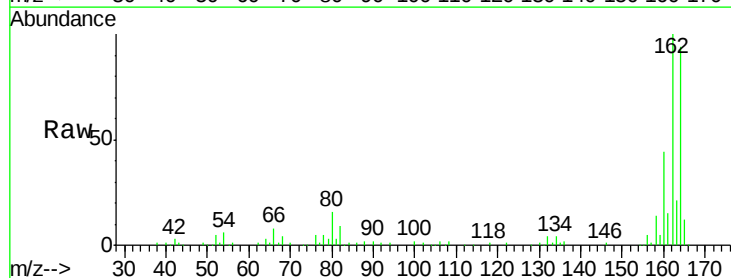


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

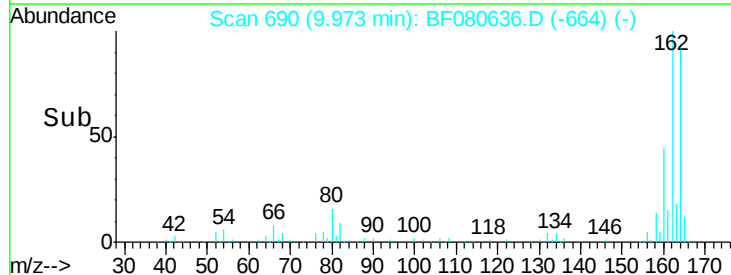
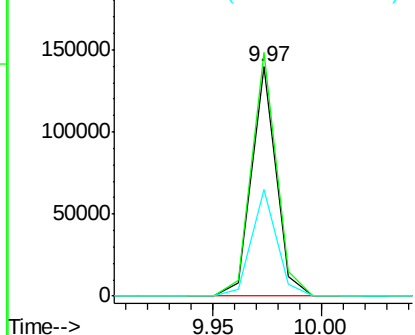


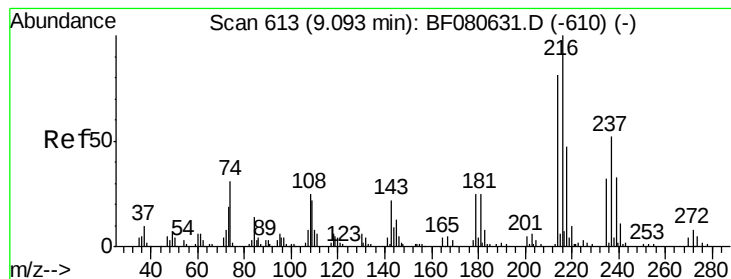
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:164 Resp: 109320
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.3 124.9
 160 46.3 36.9 55.3



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: 30.92 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:216 Resp: 97635

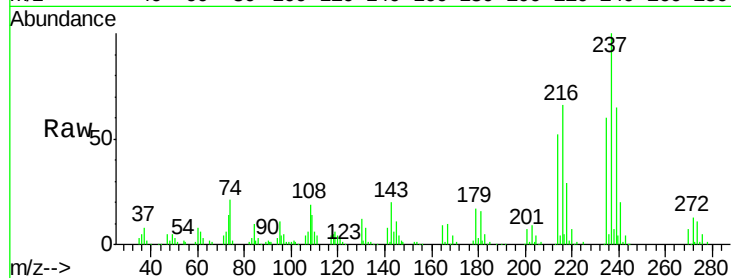
Ion Ratio Lower Upper

216 100

214 77.8 62.5 93.7

179 22.9 18.7 28.1

108 24.0 17.6 26.4

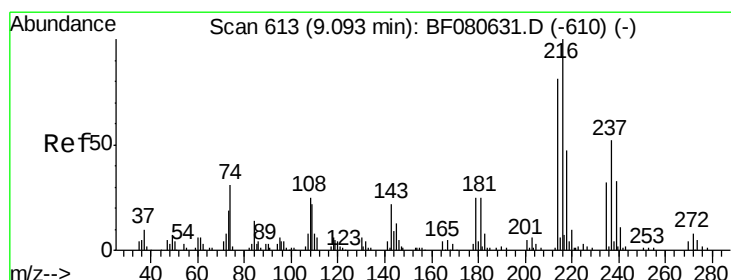
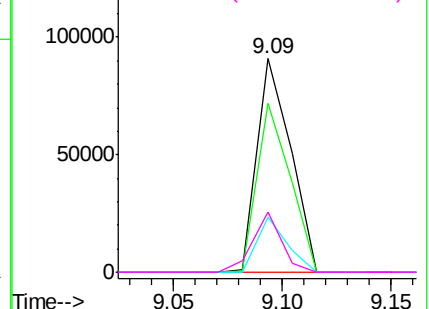
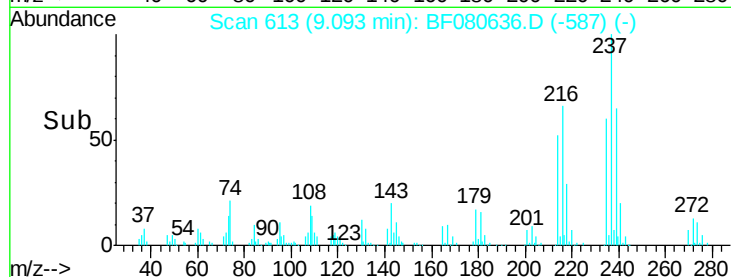


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.53 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

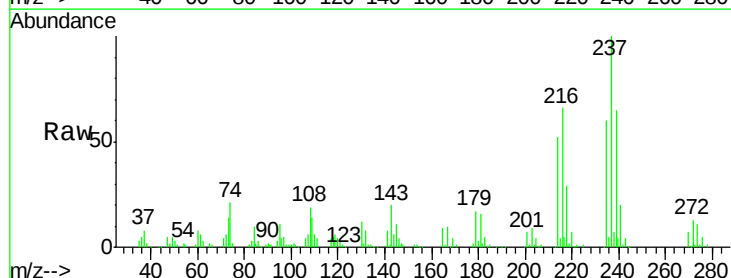
Tgt Ion:237 Resp: 136180

Ion Ratio Lower Upper

237 100

235 60.3 41.6 81.6

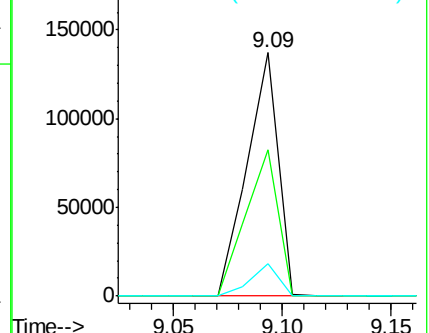
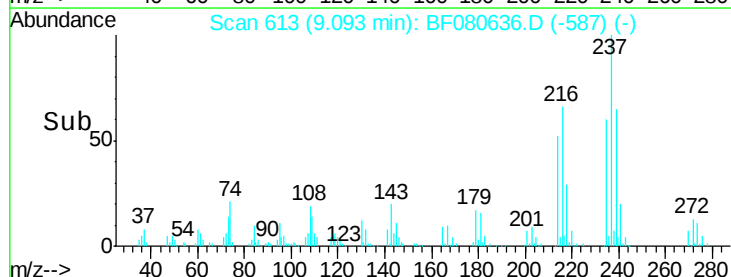
272 13.1 0.0 35.0

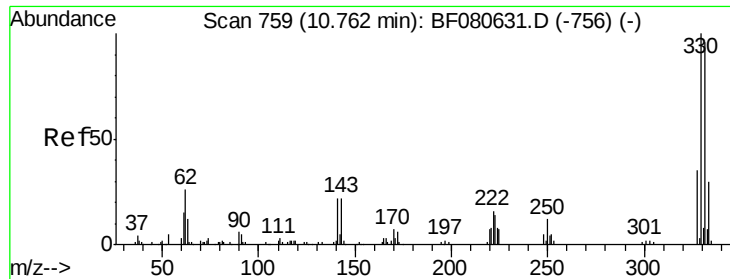


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

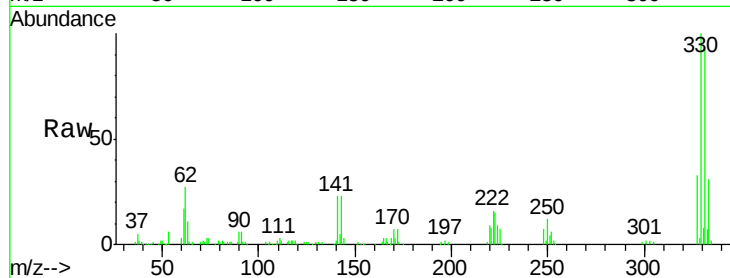




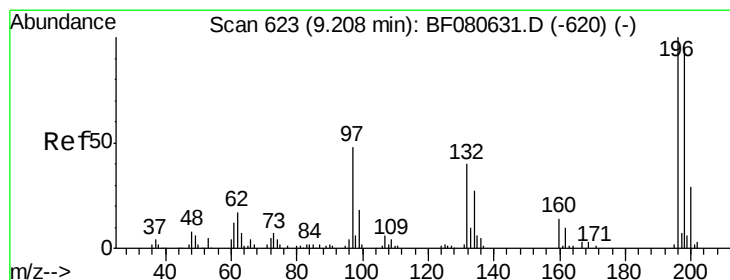
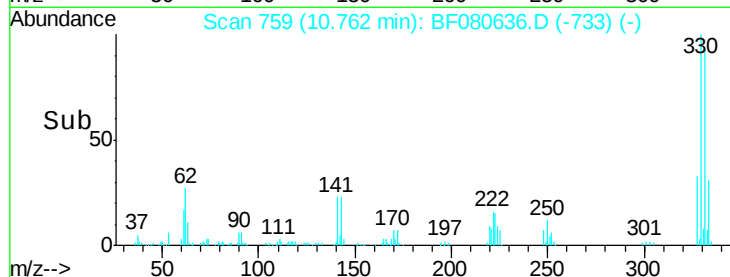
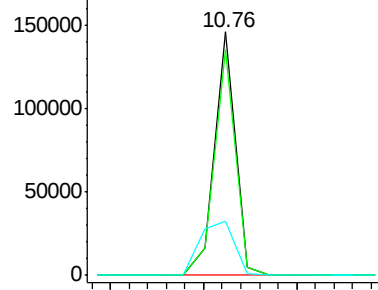
#41
 2,4,6-Tribromophenol
 Concen: 117.60 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:330 Resp: 115502
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.7 115.1
 141 36.7 32.7 49.1

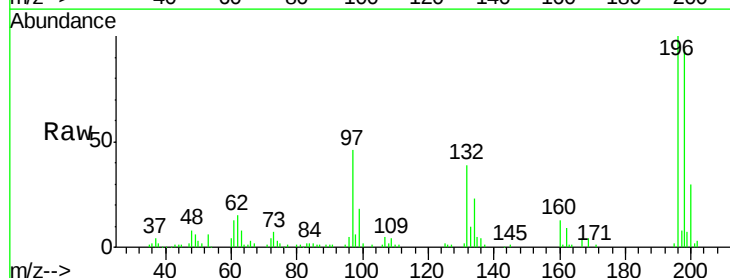


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

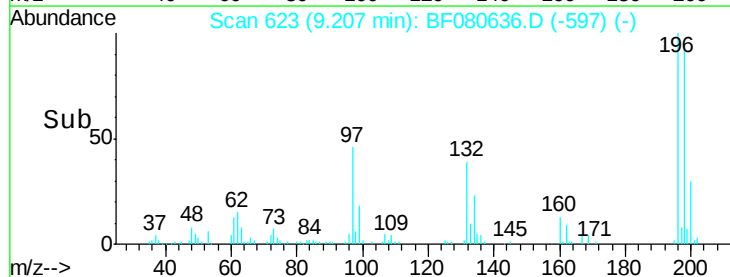
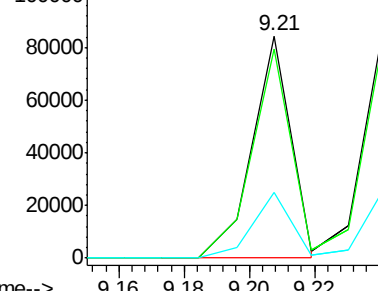


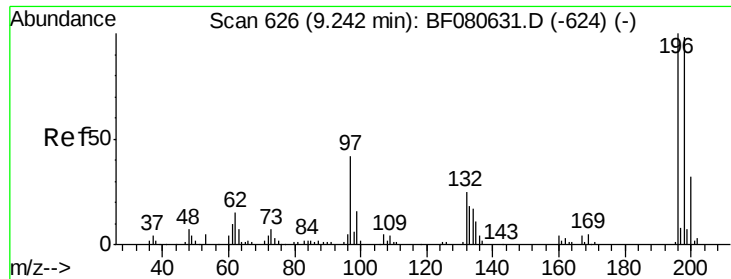
#42
 2,4,6-Trichlorophenol
 Concen: 32.47 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:196 Resp: 69944
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.8 113.8
 200 29.8 23.5 35.3



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

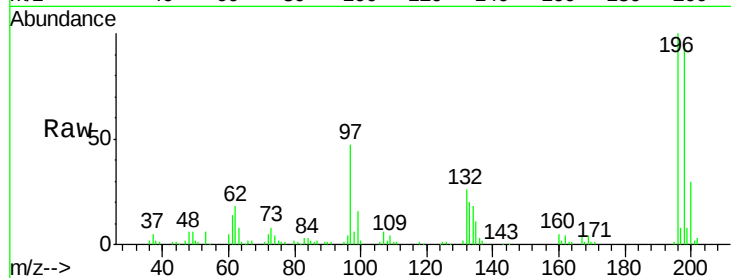




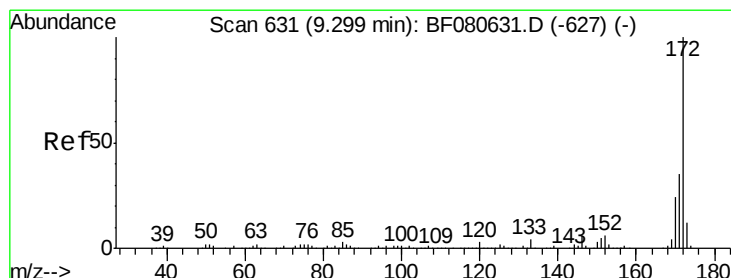
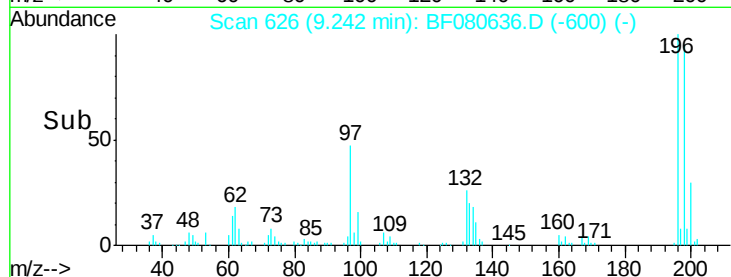
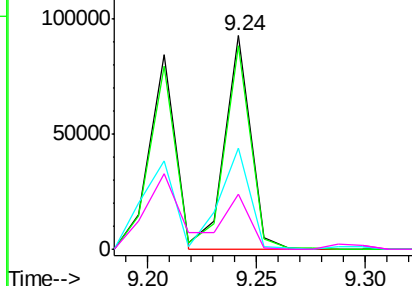
#43
 2,4,5-Trichlorophenol
 Concen: 33.41 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:196 Resp: 75390
 Ion Ratio Lower Upper
 196 100
 198 95.1 78.3 117.5
 97 47.4 33.1 49.7
 132 25.8 19.8 29.8

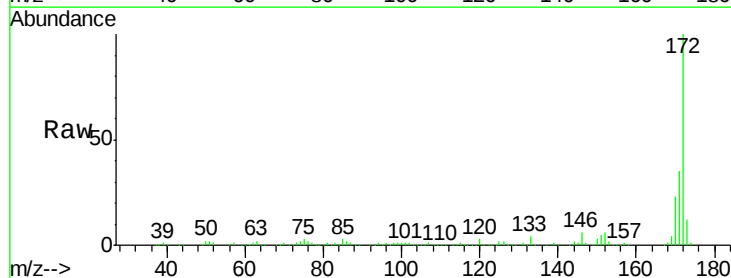


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

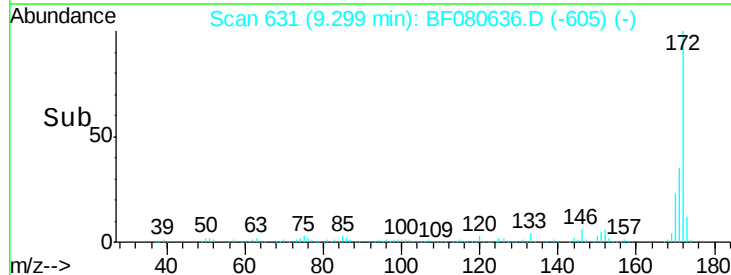
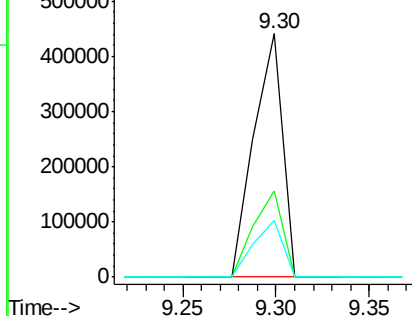


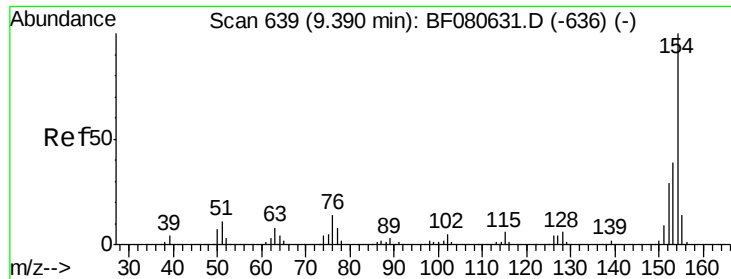
#44
 2-Fluorobiphenyl
 Concen: 66.98 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:172 Resp: 474538
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.7 41.5
 170 23.5 19.0 28.4



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

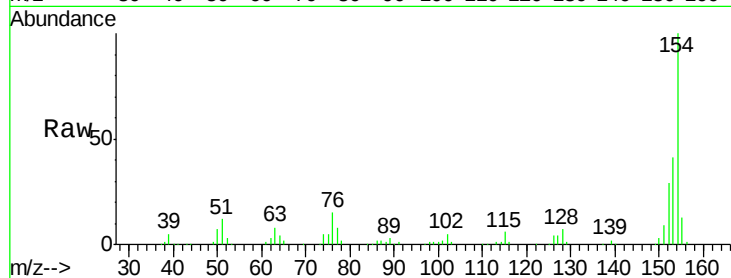




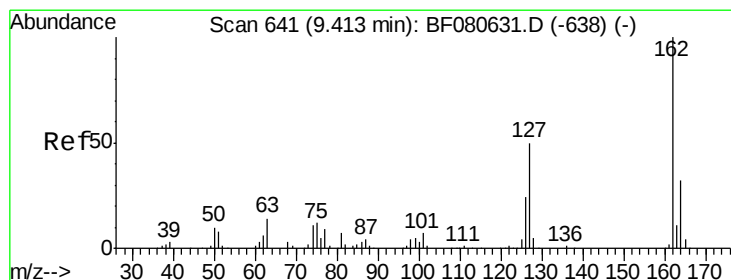
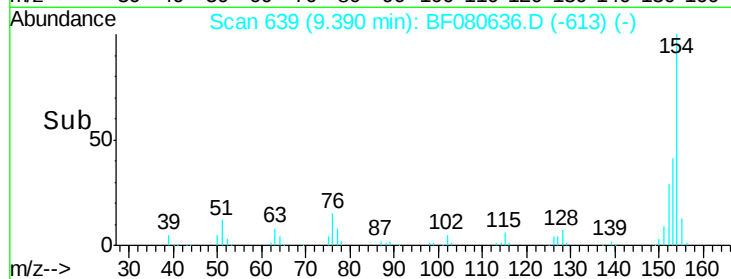
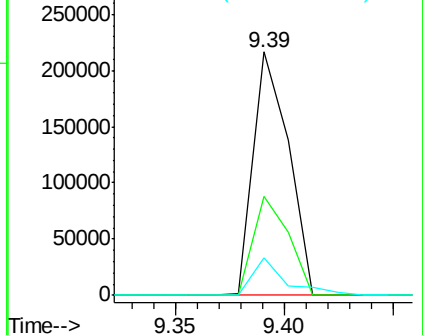
#45
 1,1'-Biphenyl
 Concen: 31.93 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:154 Resp: 243885
 Ion Ratio Lower Upper
 154 100
 153 40.7 19.4 59.4
 76 15.2 0.0 34.1

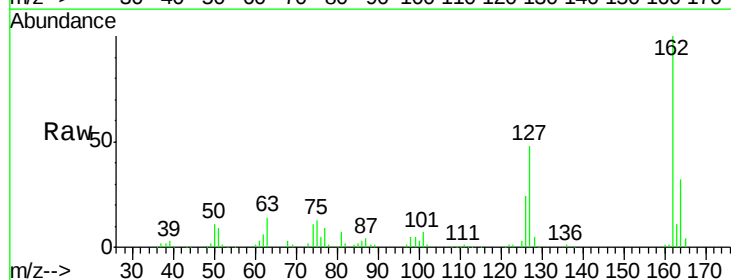


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

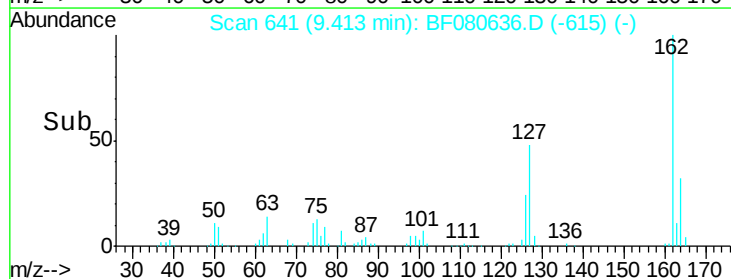
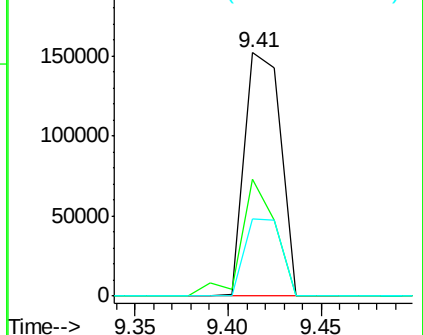


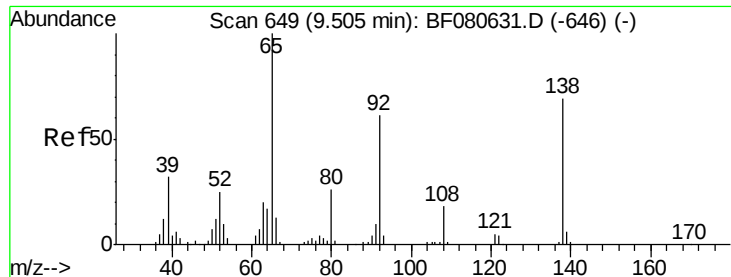
#46
 2-Chloronaphthalene
 Concen: 31.80 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:162 Resp: 203170
 Ion Ratio Lower Upper
 162 100
 127 48.1 40.3 60.5
 164 31.6 25.6 38.4



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

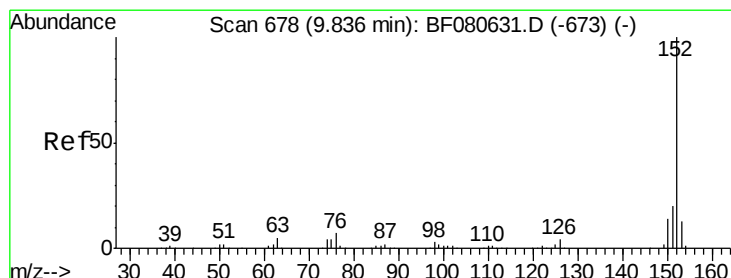
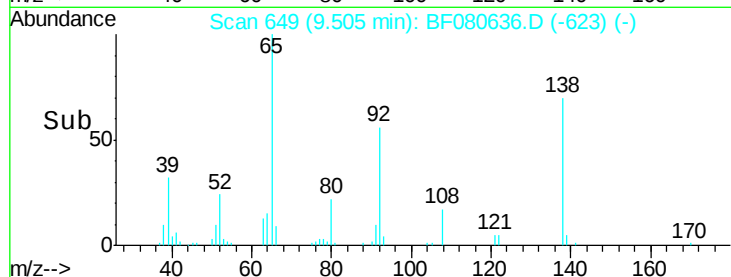
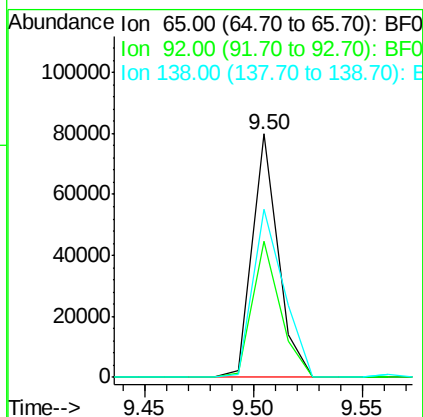
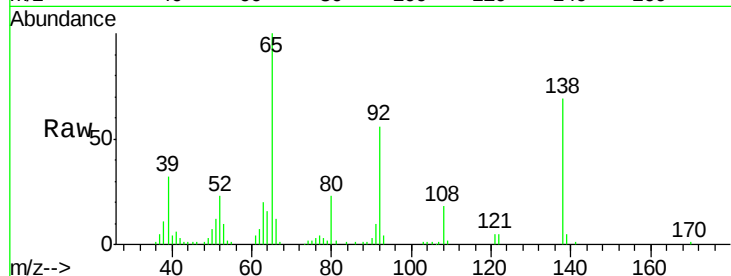




#47
2-Nitroaniline
Concen: 33.63 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

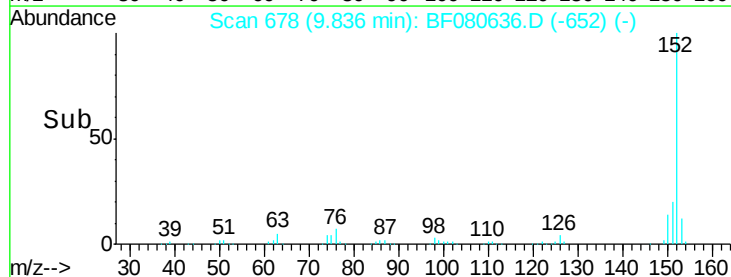
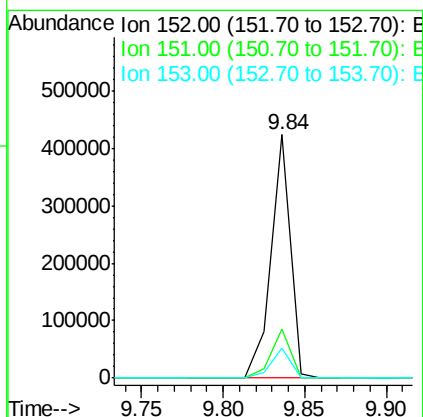
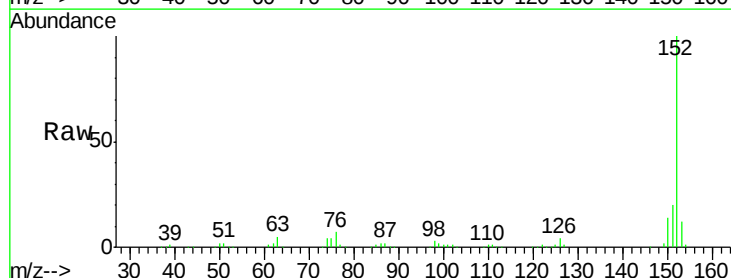
Instrument :
BNA_F
ClientSampleId :
PB84491BS

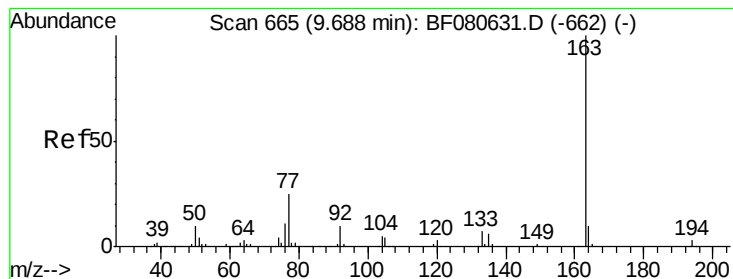
Tgt Ion: 65 Resp: 65878
Ion Ratio Lower Upper
65 100
92 55.7 48.7 73.1
138 69.1 55.4 83.2



#48
Acenaphthylene
Concen: 32.55 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion: 152 Resp: 351884
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 12.4 10.2 15.4





#49

Dimethylphthalate

Concen: 31.76 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

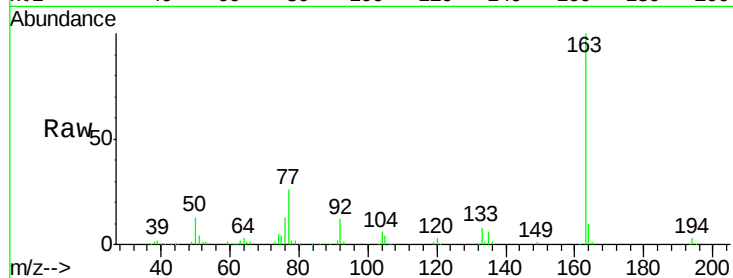
Tgt Ion:163 Resp: 248361

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

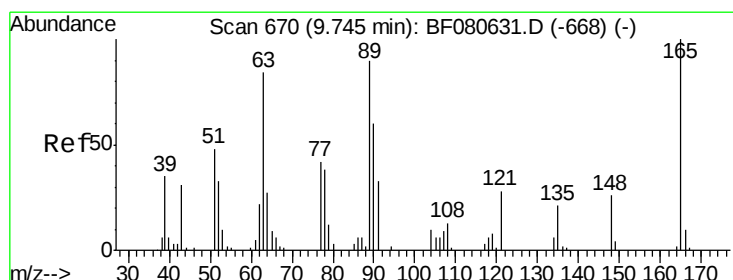
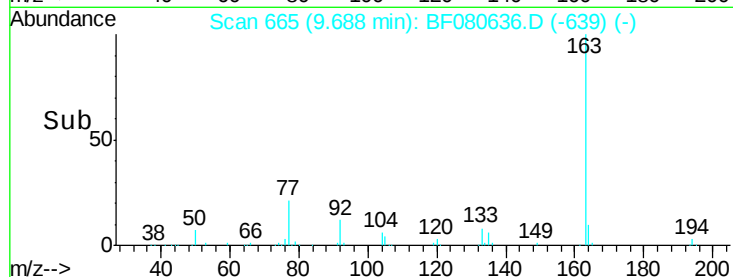
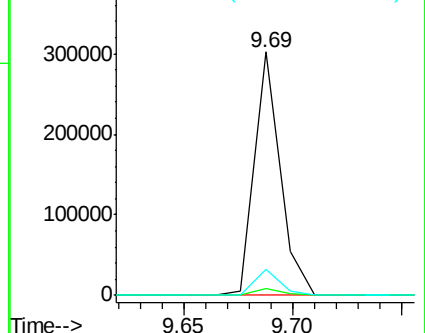
164 10.5 8.0 12.0



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: 34.79 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

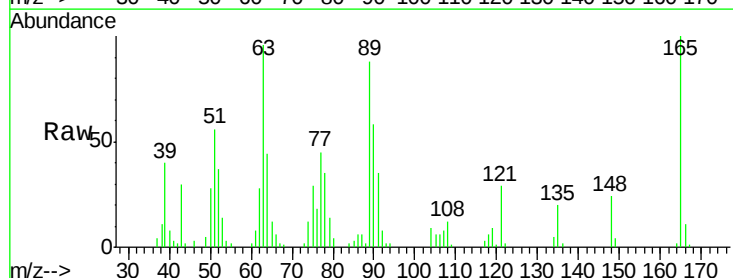
Tgt Ion:165 Resp: 48573

Ion Ratio Lower Upper

165 100

63 95.8 84.0 126.0

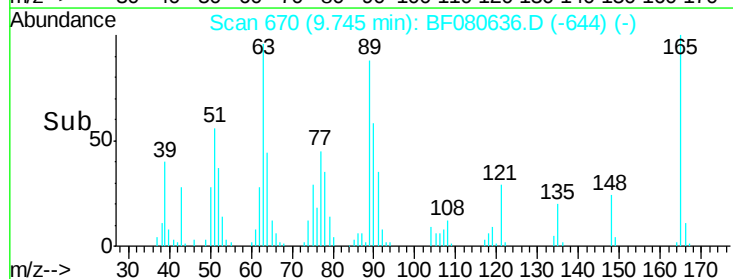
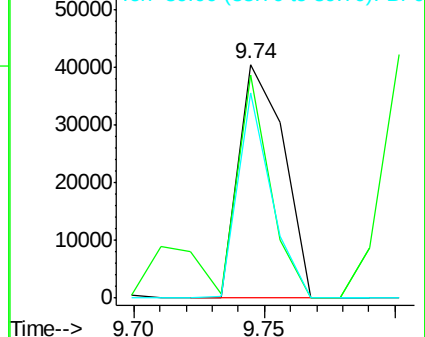
89 87.8 71.7 107.5

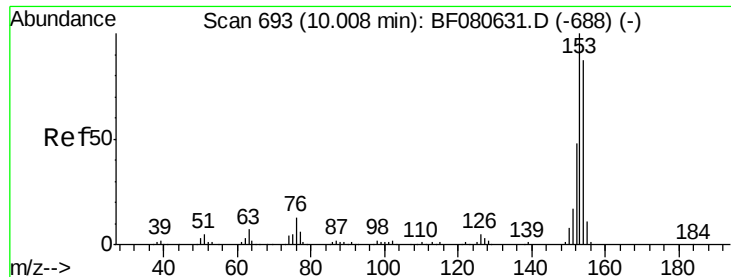


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.63 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

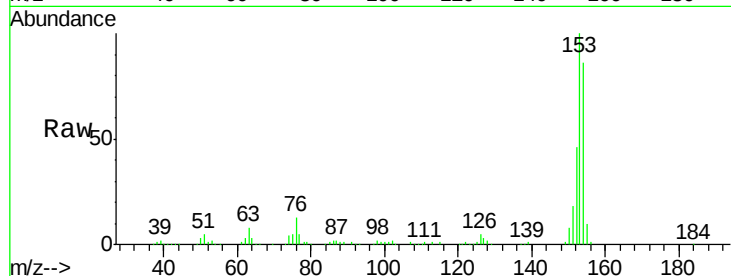
Tgt Ion:154 Resp: 240461

Ion Ratio Lower Upper

154 100

153 116.6 91.6 137.4

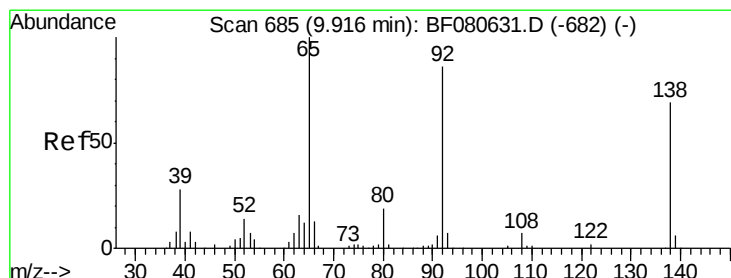
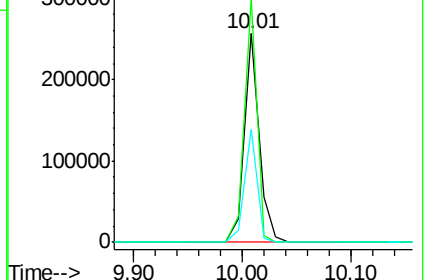
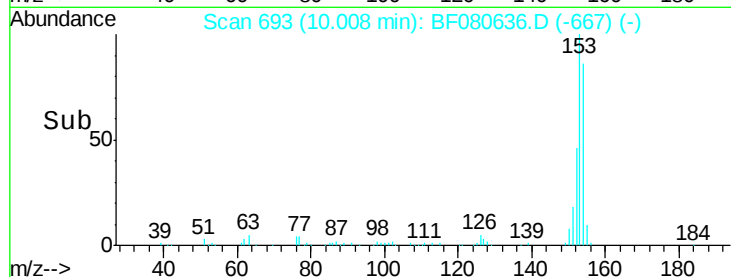
152 53.9 44.0 66.0



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: 22.77 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

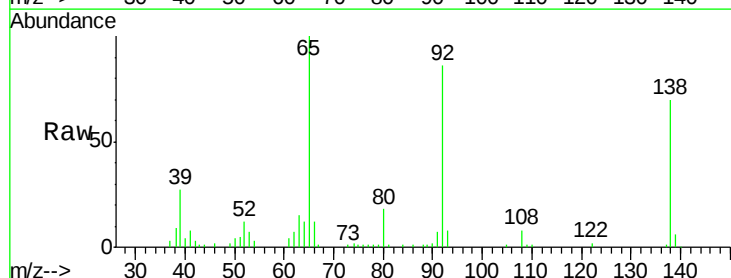
Tgt Ion:138 Resp: 37810

Ion Ratio Lower Upper

138 100

108 12.1 8.6 13.0

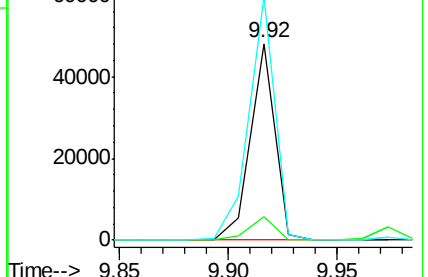
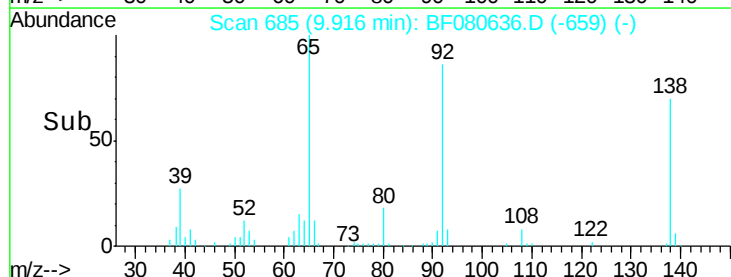
92 123.9 100.1 150.1

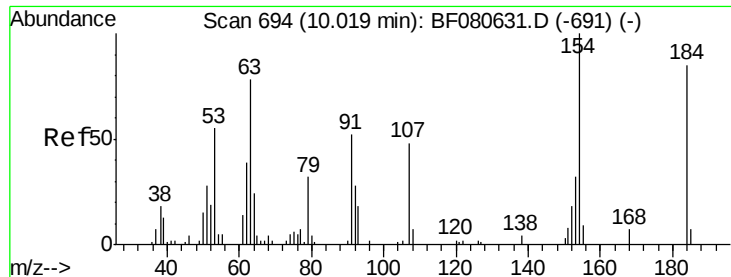


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

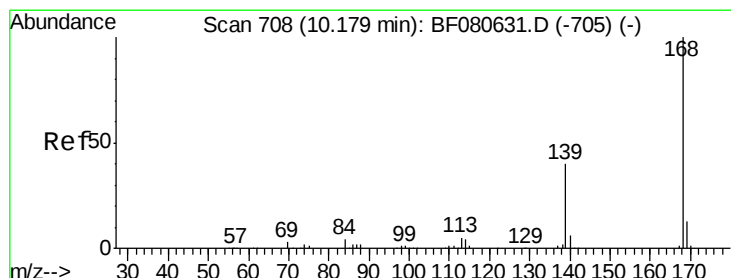
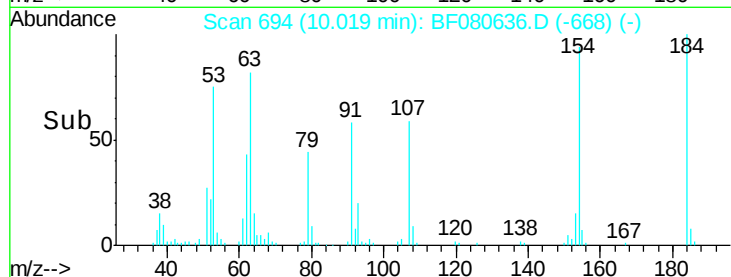
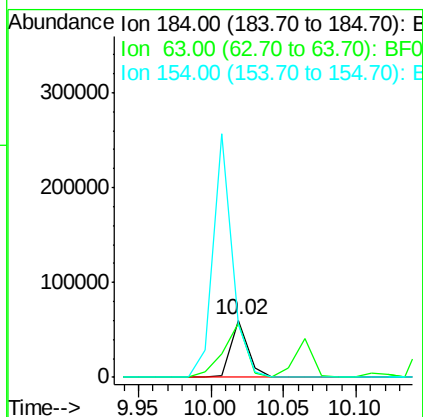
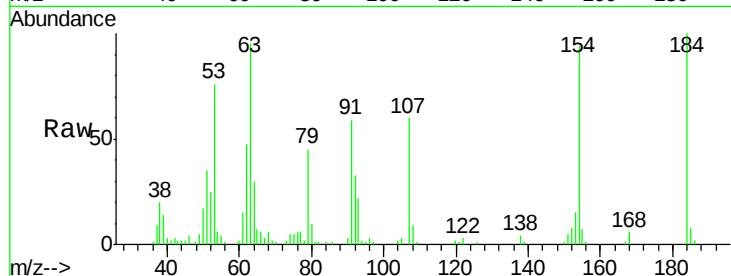




#53
 2,4-Dinitrophenol
 Concen: 70.38 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

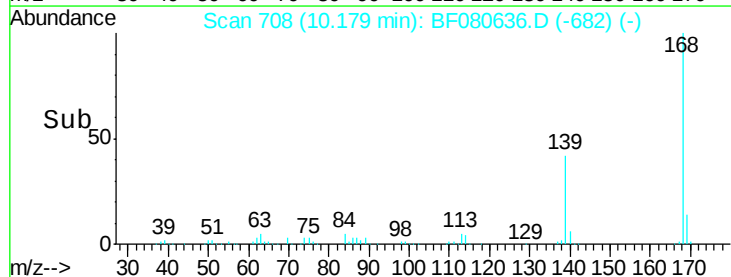
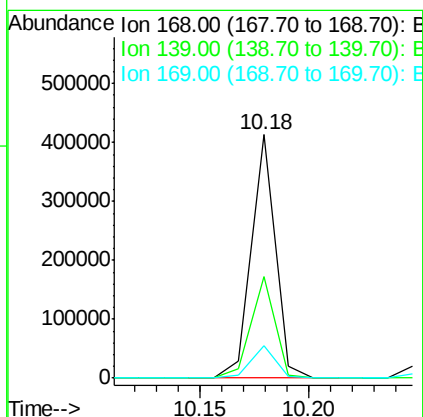
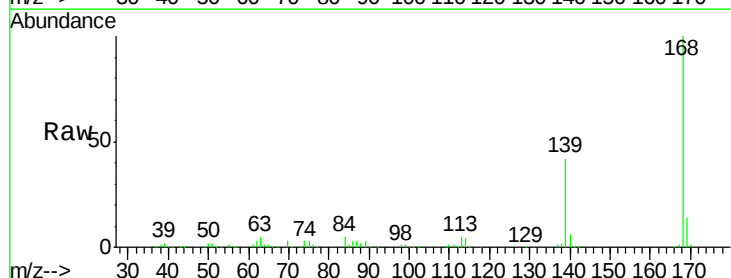
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

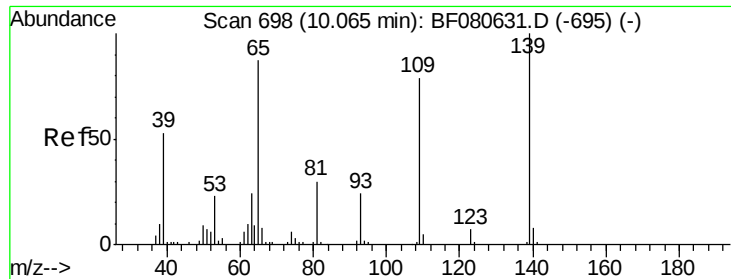
Tgt Ion:184 Resp: 50067
 Ion Ratio Lower Upper
 184 100
 63 95.1 73.4 110.0
 154 94.0 94.2 141.4#



#54
 Dibenzofuran
 Concen: 33.78 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:168 Resp: 316438
 Ion Ratio Lower Upper
 168 100
 139 41.5 32.2 48.4
 169 13.5 10.2 15.2





#55

4-Nitrophenol

Concen: 74.49 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

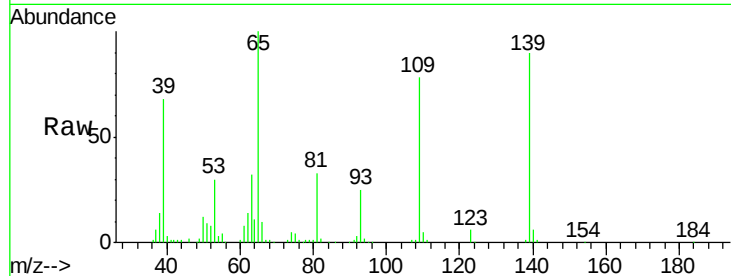
Tgt Ion:139 Resp: 97660

Ion Ratio Lower Upper

139 100

109 86.5 59.4 99.4

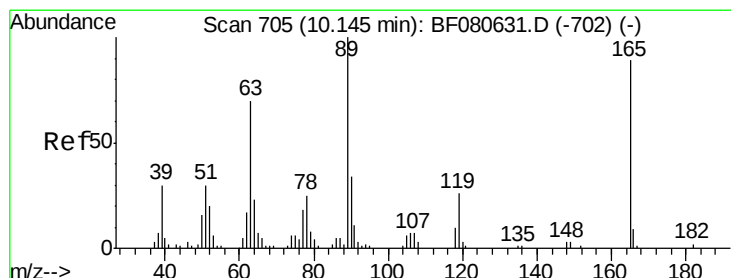
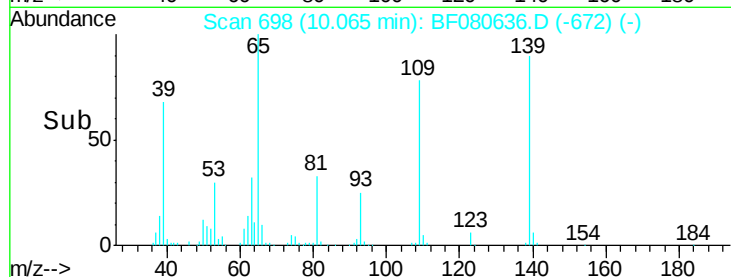
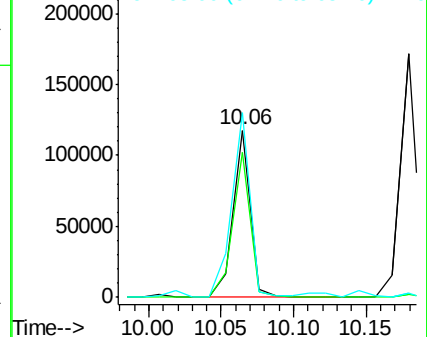
65 110.8 67.4 107.4#



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: 34.68 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:165 Resp: 63990

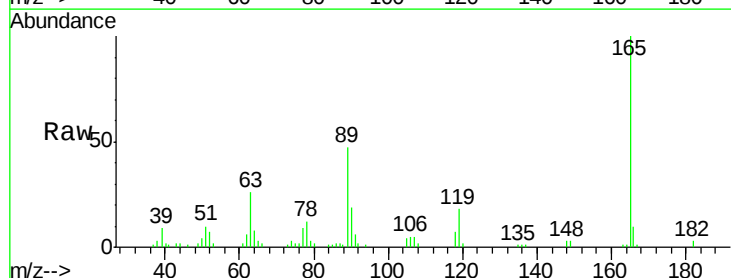
Ion Ratio Lower Upper

165 100

63 26.3 63.0 94.4#

89 47.1 90.2 135.2#

182 2.7 1.6 2.4#

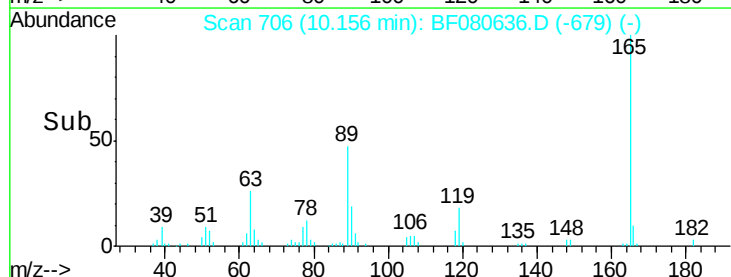
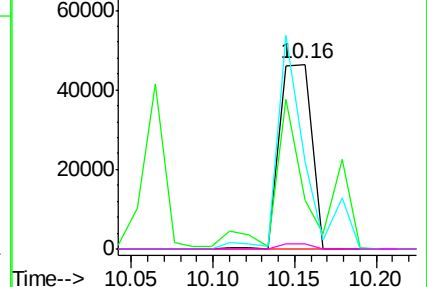


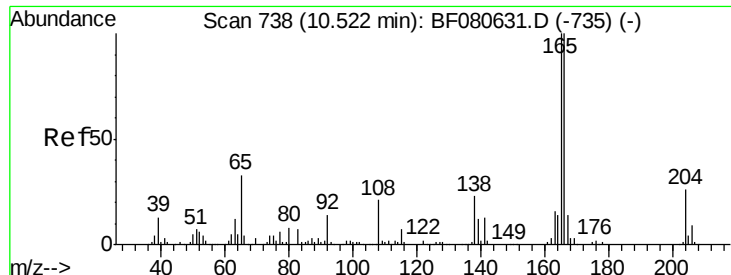
Abundance Ion 165.00 (164.70 to 165.70): E

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

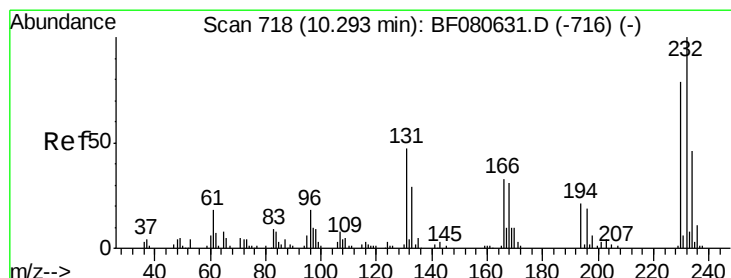
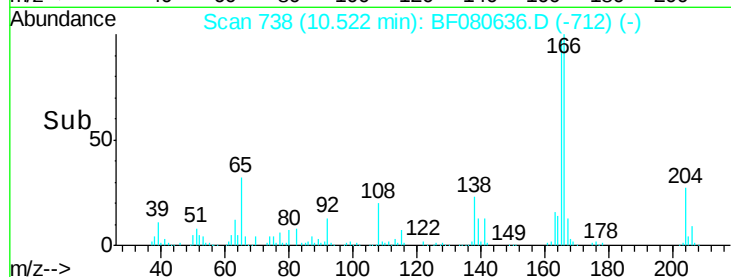
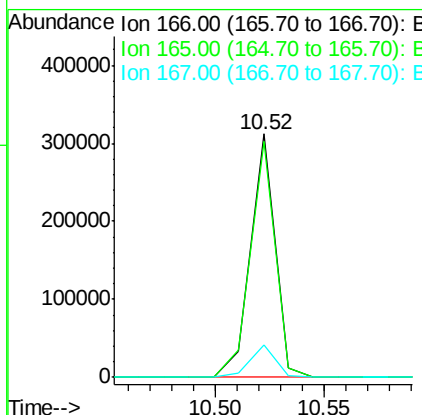
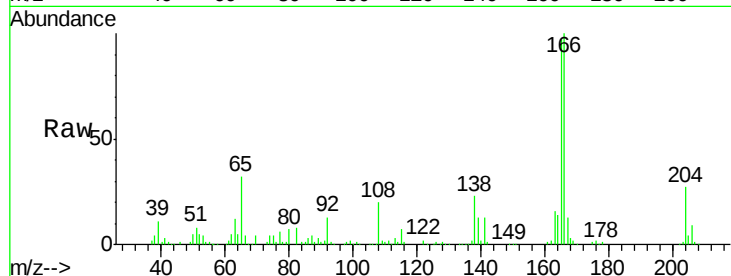




#57
Fluorene
 Concen: 33.20 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

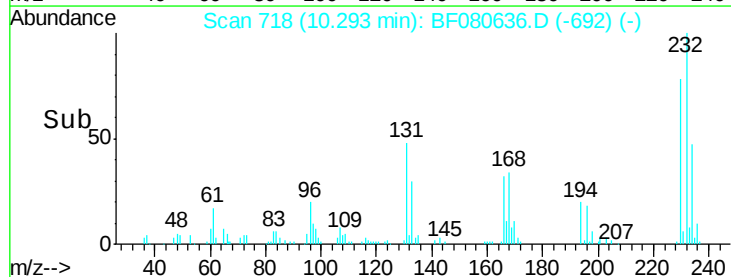
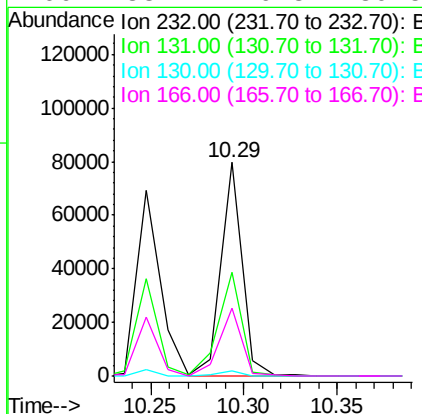
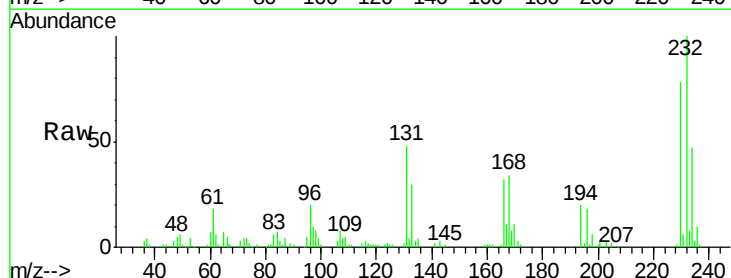
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

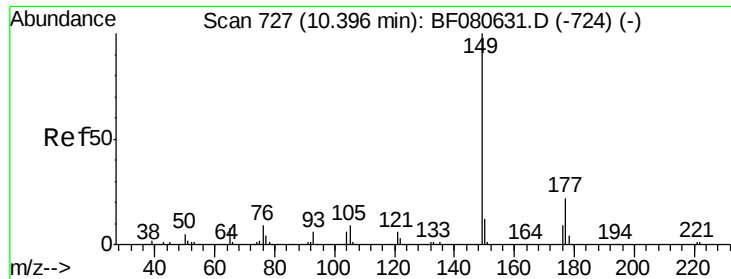
Tgt Ion:166 Resp: 244871
 Ion Ratio Lower Upper
 166 100
 165 97.1 80.0 120.0
 167 13.4 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.42 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:232 Resp: 63773
 Ion Ratio Lower Upper
 232 100
 131 52.8 40.2 60.2
 130 2.5 1.8 2.8
 166 33.1 26.3 39.5

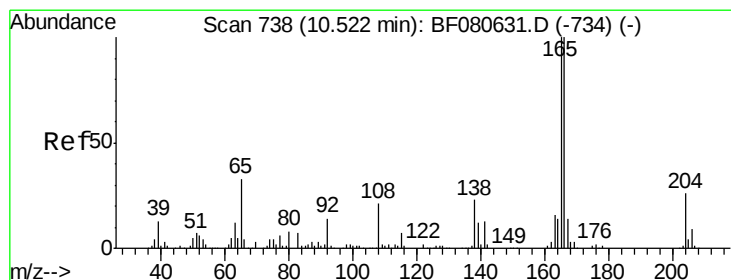
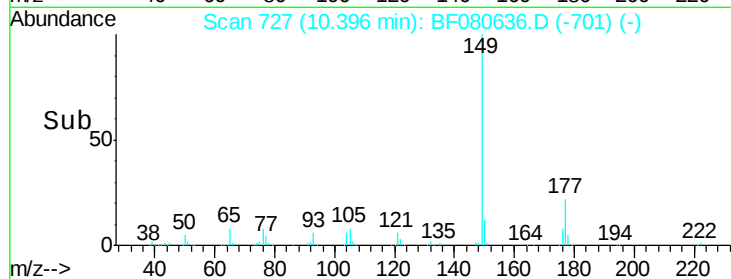
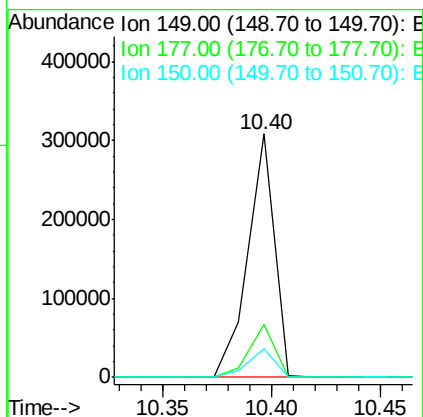
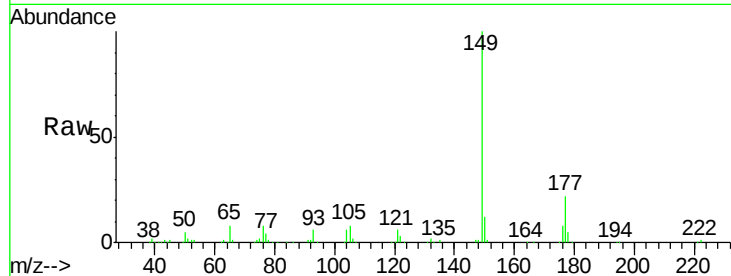




#59
Diethylphthalate
Concen: 33.68 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

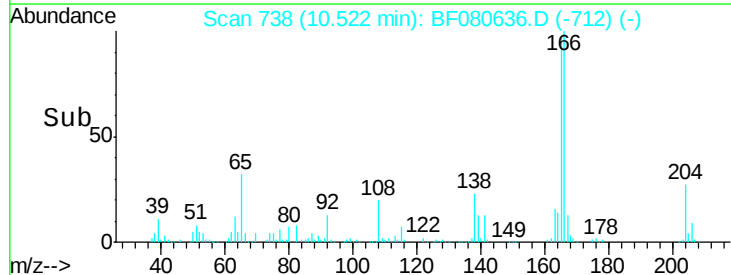
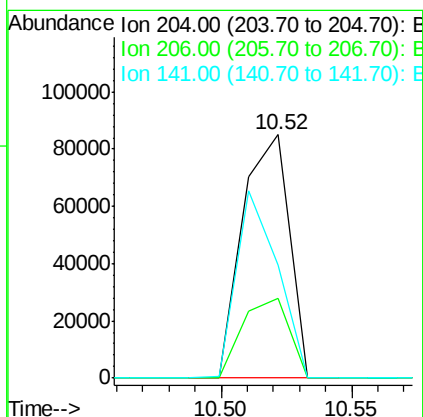
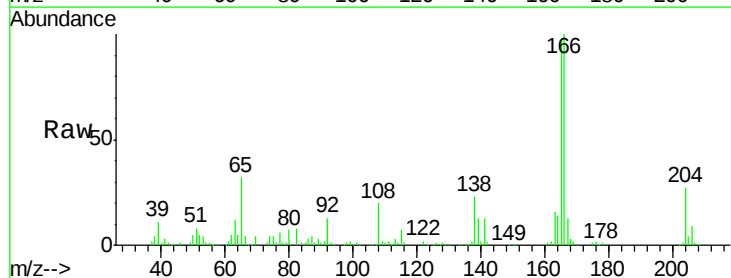
Instrument :
BNA_F
ClientSampleId :
PB84491BS

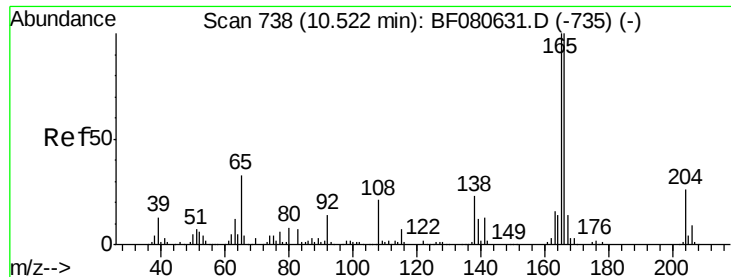
Tgt Ion:149 Resp: 261793
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 32.57 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion:204 Resp: 106743
Ion Ratio Lower Upper
204 100
206 32.8 28.6 43.0
141 46.3 41.0 61.6

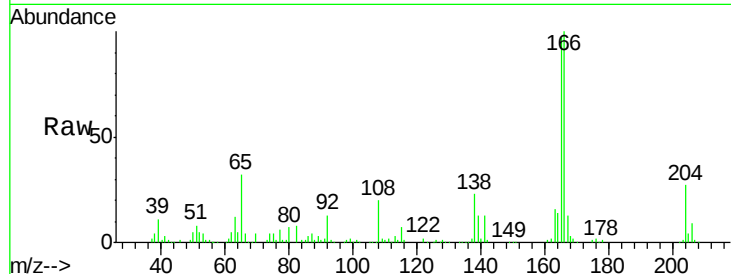




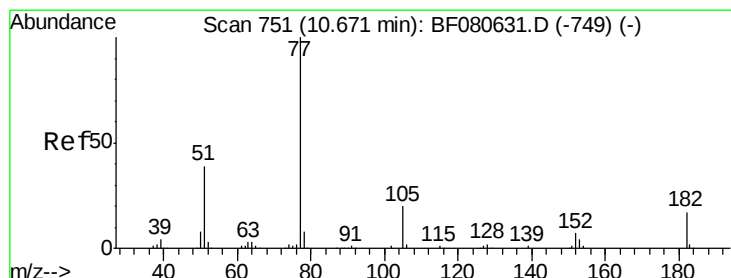
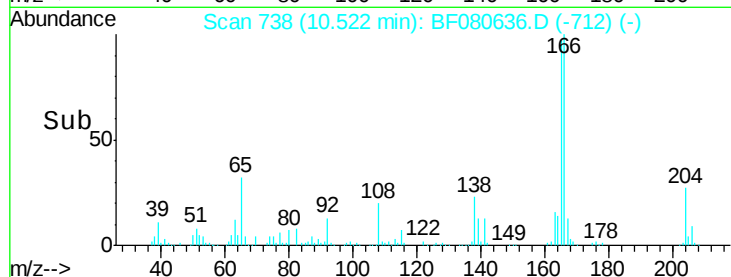
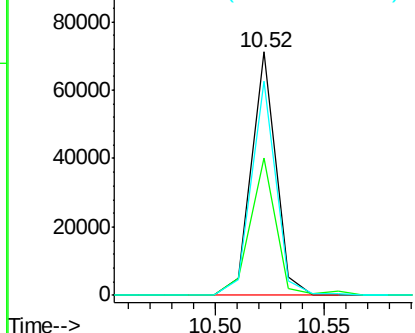
#61
4-Nitroaniline
Concen: 34.59 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:138 Resp: 55900
Ion Ratio Lower Upper
138 100
92 56.3 38.2 78.2
108 88.1 70.7 110.7

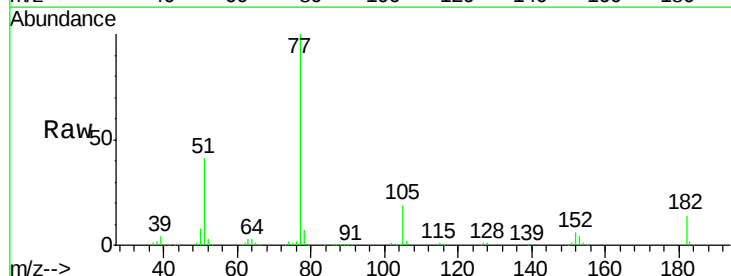


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

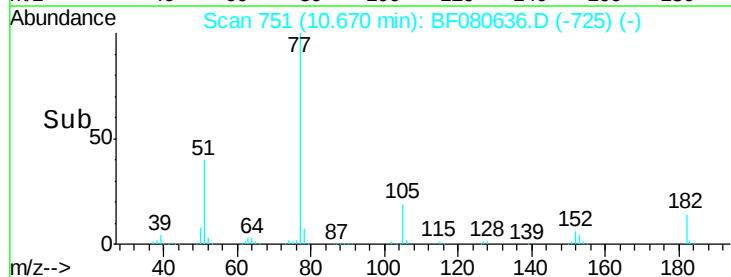
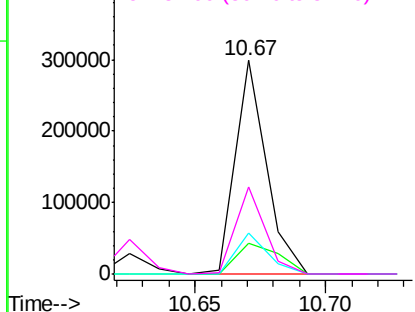


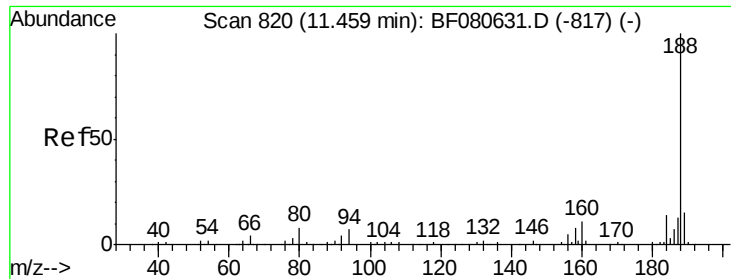
#62
Azobenzene
Concen: 33.53 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion: 77 Resp: 249472
Ion Ratio Lower Upper
77 100
182 14.3 0.0 36.7
105 19.0 0.0 39.6
51 40.6 18.7 58.7



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

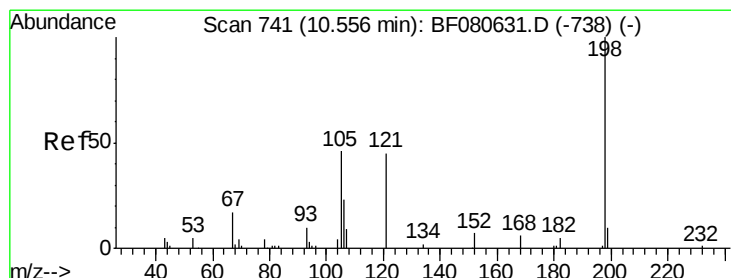
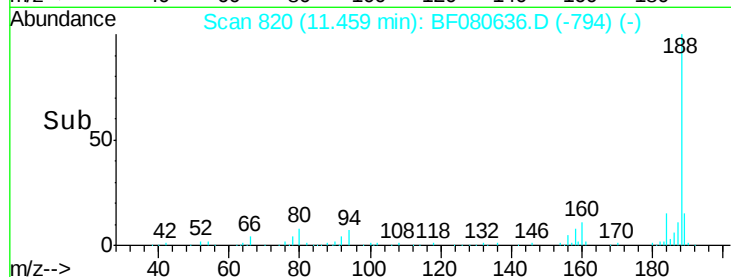
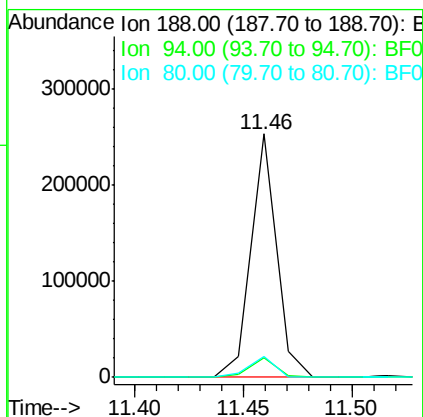
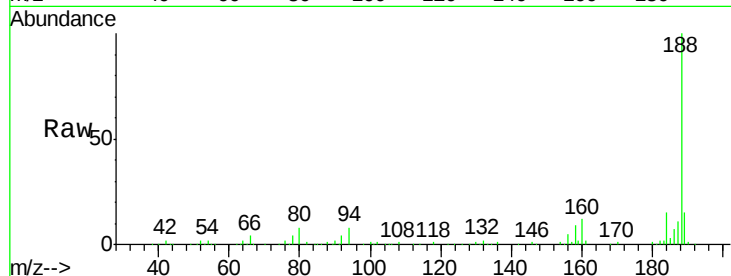




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

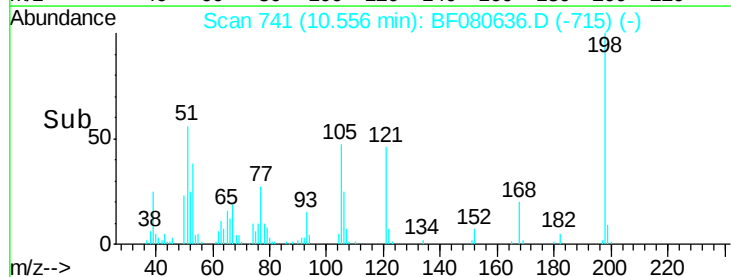
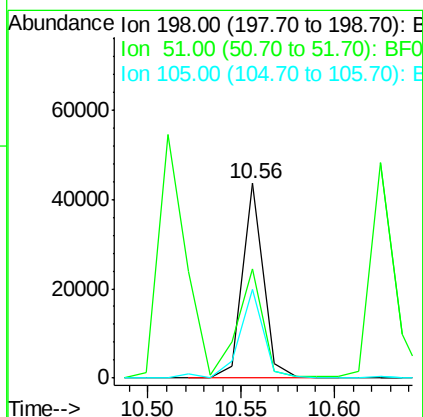
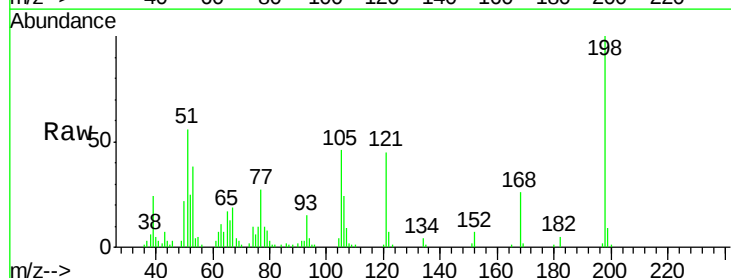
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

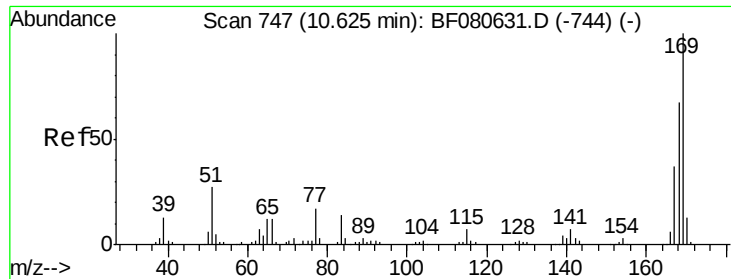
Tgt Ion:188 Resp: 207041
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.6 8.4
 80 8.5 6.1 9.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.70 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:198 Resp: 34289
 Ion Ratio Lower Upper
 198 100
 51 56.1 31.1 71.1
 105 45.7 28.6 68.6

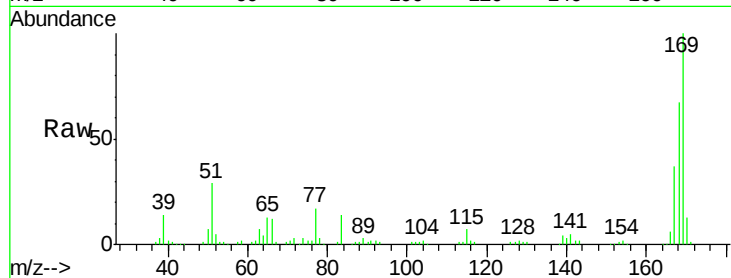




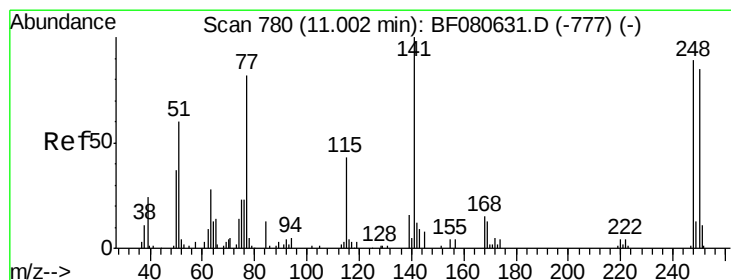
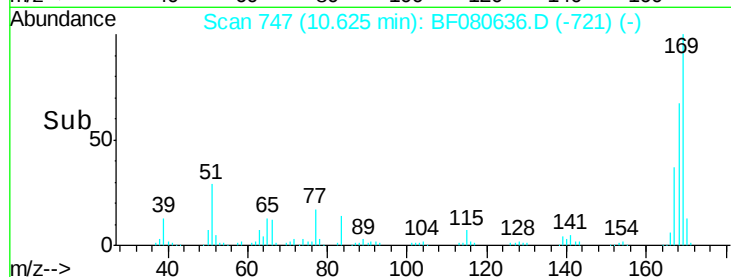
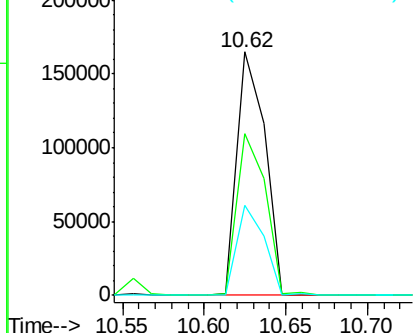
#65
 n-Nitrosodiphenylamine
 Concen: 30.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:169 Resp: 194440
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.4 80.2
 167 36.9 29.4 44.0

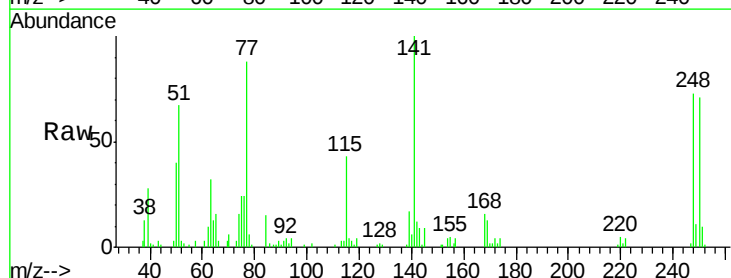


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

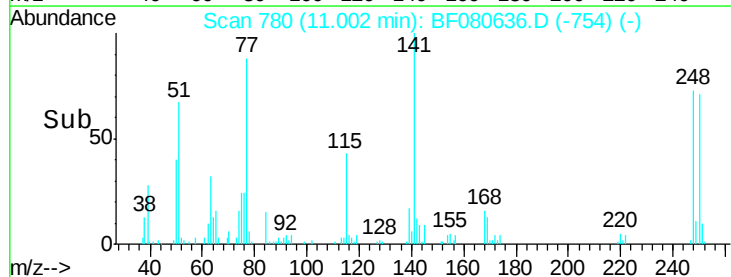
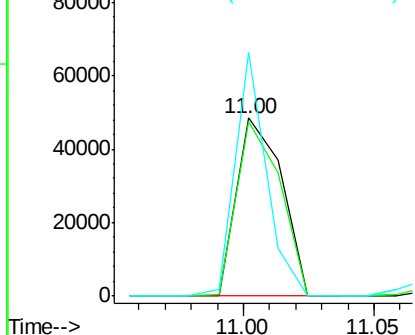


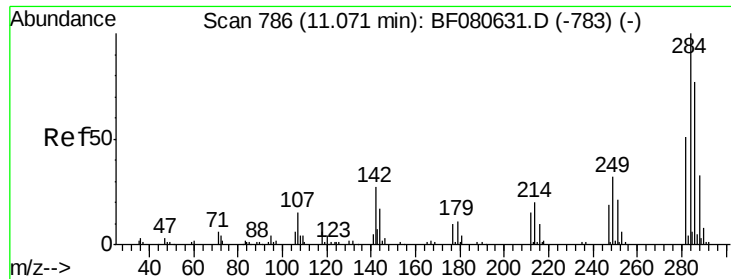
#66
 4-Bromophenyl-phenylether
 Concen: 30.05 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:248 Resp: 58622
 Ion Ratio Lower Upper
 248 100
 250 97.6 76.6 114.8
 141 136.6 90.0 135.0#



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

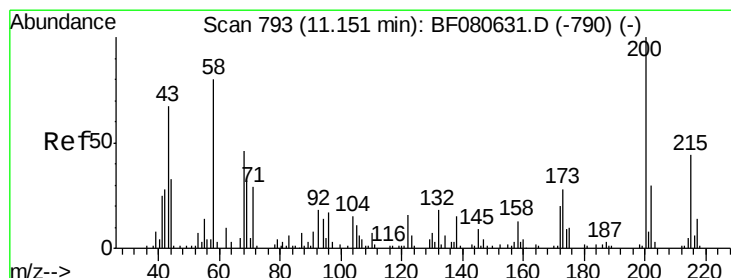
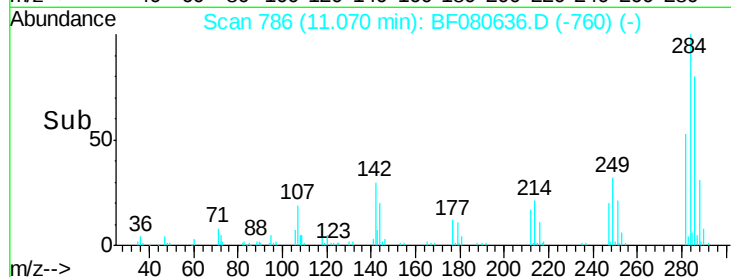
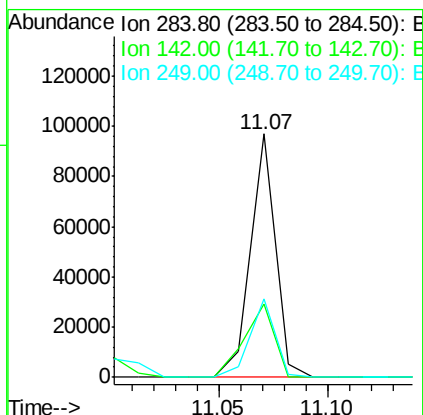
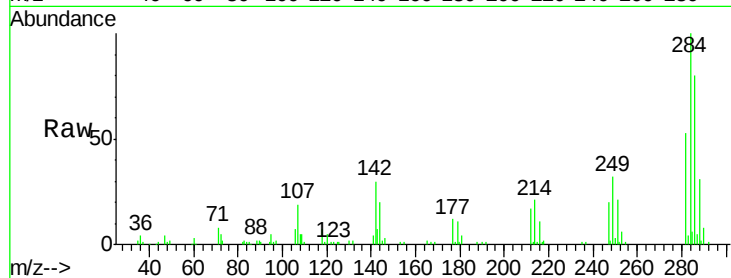




#67
Hexachlorobenzene
Concen: 32.42 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

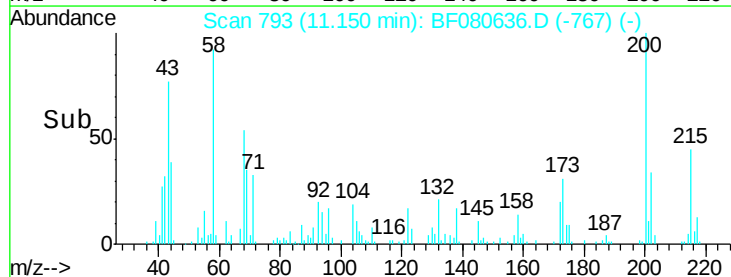
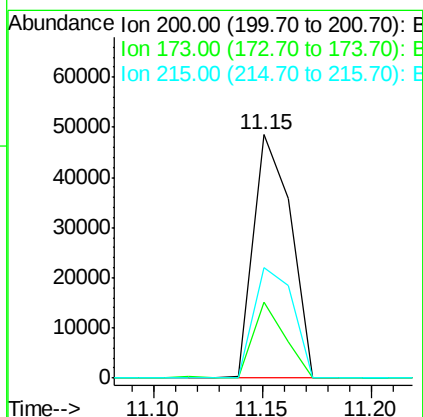
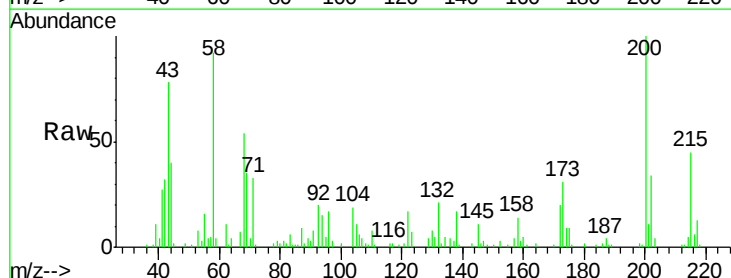
Instrument :
BNA_F
ClientSampleId :
PB84491BS

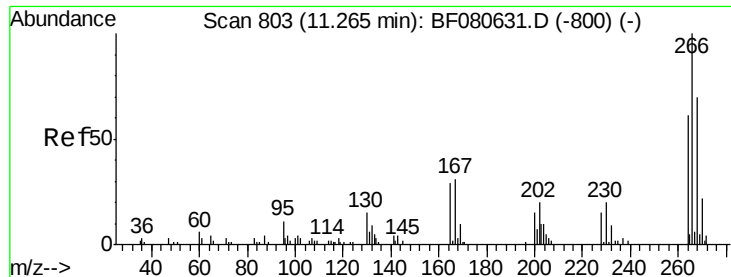
Tgt Ion:284 Resp: 77033
Ion Ratio Lower Upper
284 100
142 30.0 21.2 31.8
249 32.4 25.9 38.9



#68
Atrazine
Concen: 31.52 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion:200 Resp: 58126
Ion Ratio Lower Upper
200 100
173 31.3 8.6 48.6
215 45.4 24.1 64.1

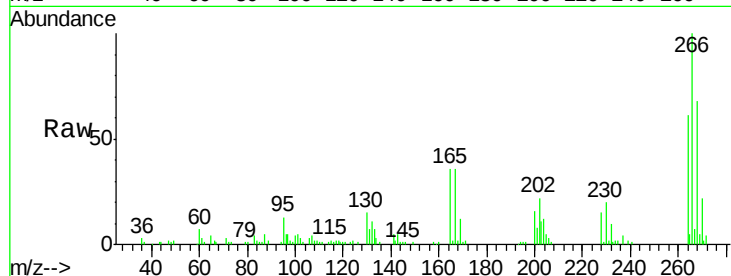




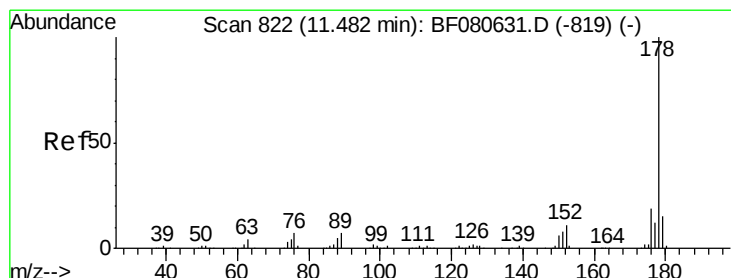
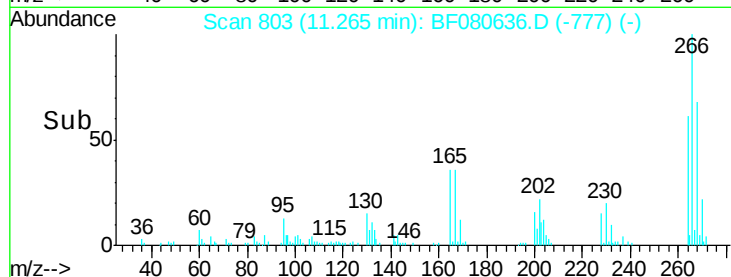
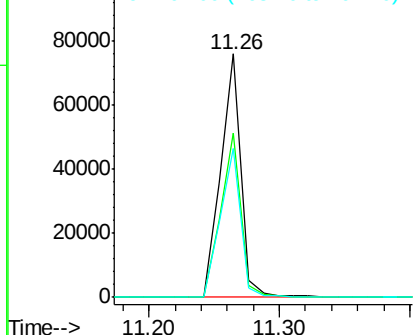
#69
 Pentachlorophenol
 Concen: 69.10 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:266 Resp: 81886
 Ion Ratio Lower Upper
 266 100
 268 67.5 55.6 83.4
 264 61.3 48.7 73.1

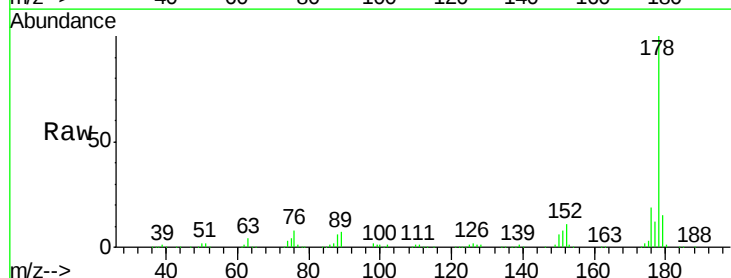


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

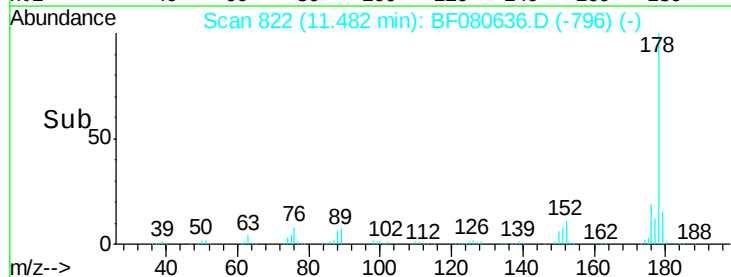
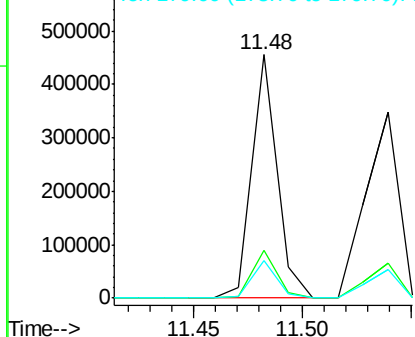


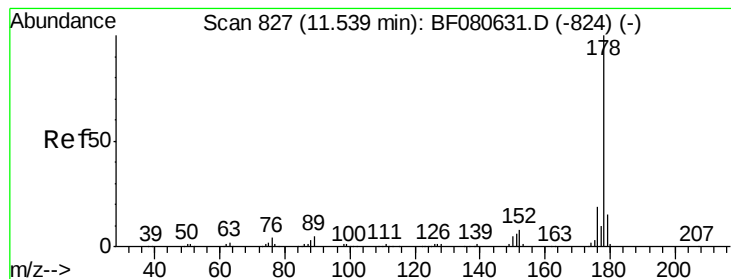
#70
 Phenanthrene
 Concen: 32.13 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:178 Resp: 367236
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.5 11.8 17.8



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

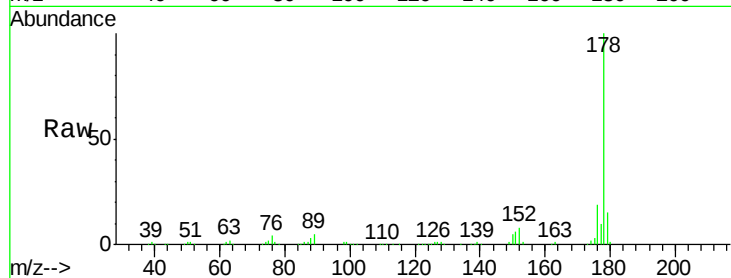




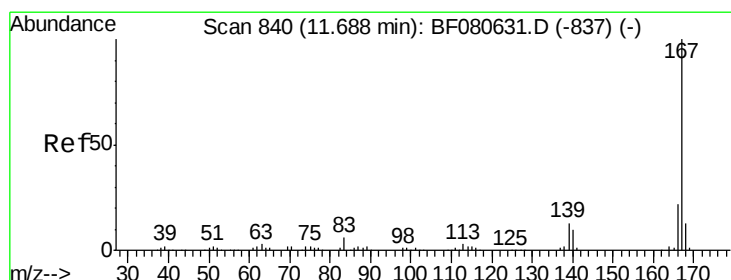
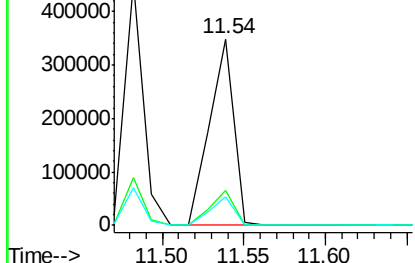
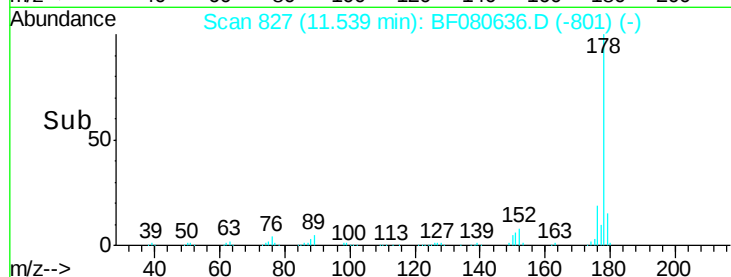
#71
 Anthracene
 Concen: 32.90 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:178 Resp: 362688
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.0 22.6
 179 15.2 12.1 18.1

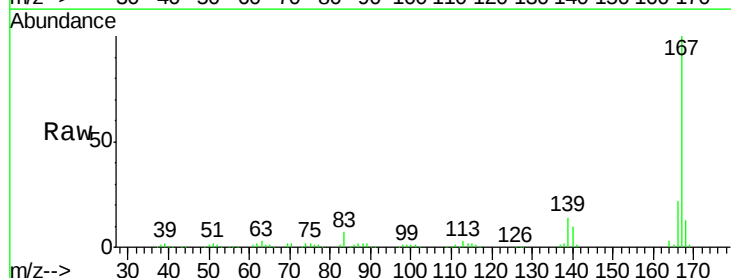


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

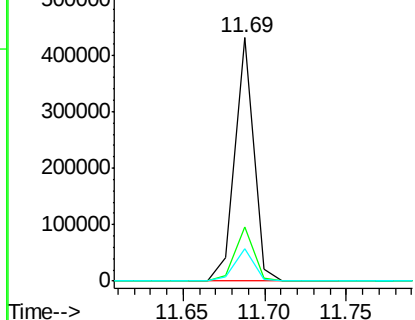
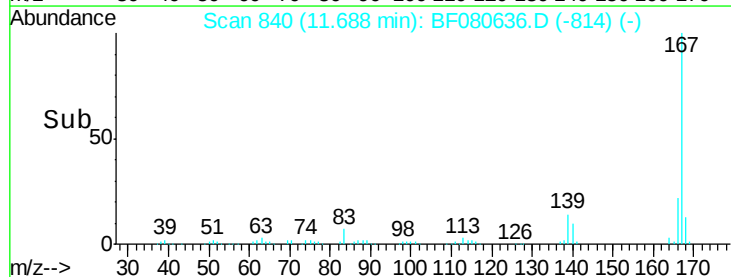


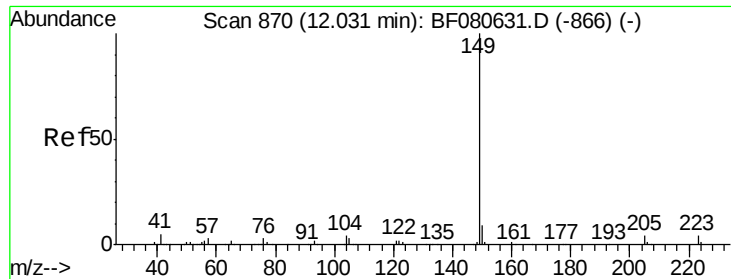
#72
 Carbazole
 Concen: 33.99 ng
 RT: 11.69 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:167 Resp: 339309
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.5 10.6 15.8



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

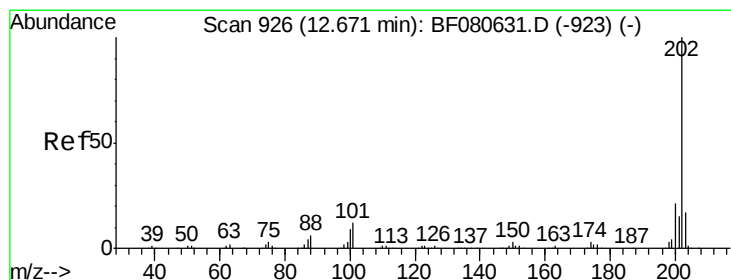
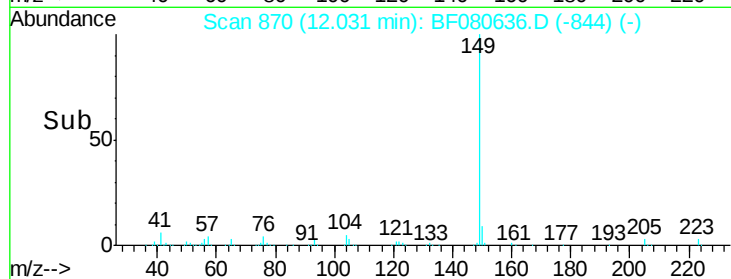
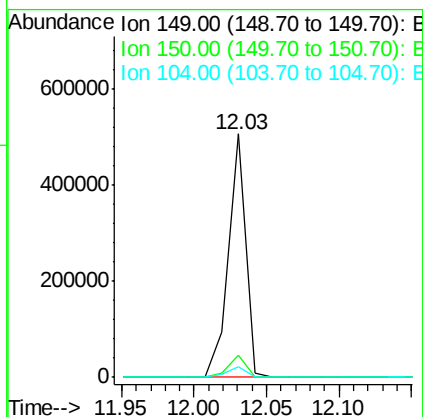
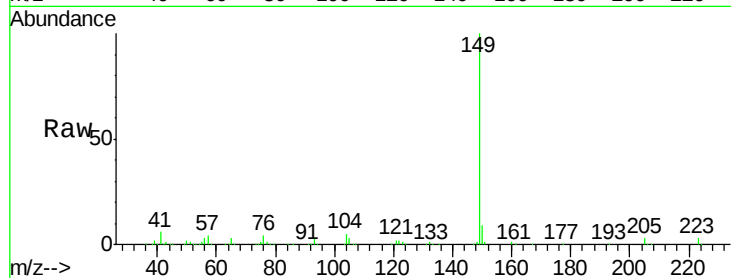




#73
Di-n-butylphthalate
Concen: 33.79 ng
RT: 12.03 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

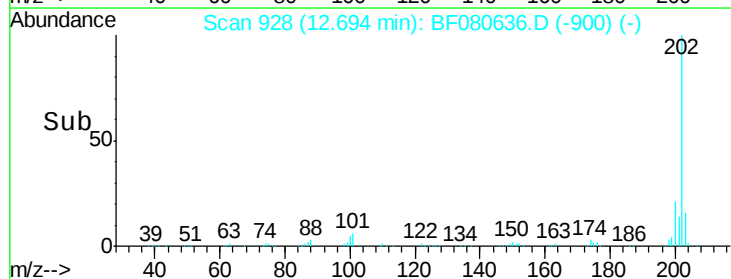
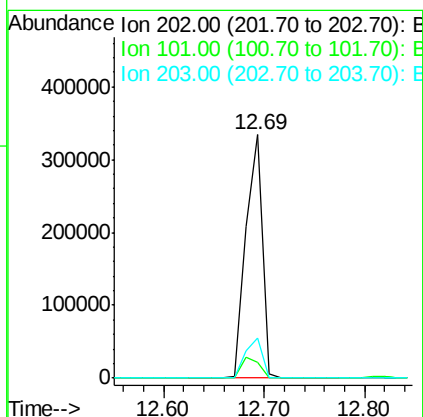
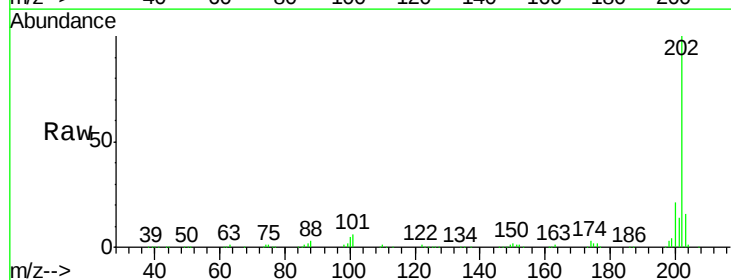
Instrument :
BNA_F
ClientSampleId :
PB84491BS

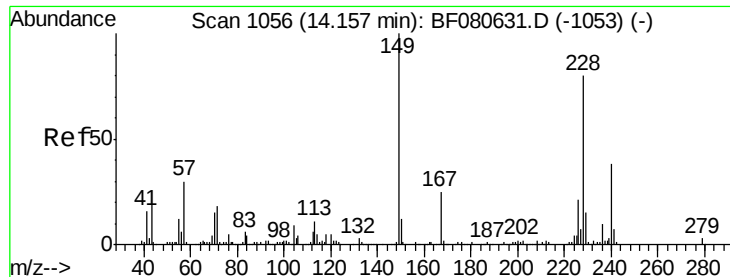
Tgt Ion:149 Resp: 417898
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.5 5.3



#74
Fluoranthene
Concen: 34.38 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.02 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion:202 Resp: 379697
Ion Ratio Lower Upper
202 100
101 6.4 0.0 32.0
203 16.4 0.0 37.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

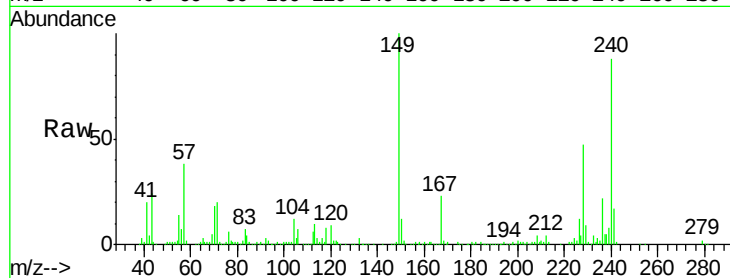
Tgt Ion:240 Resp: 210609

Ion Ratio Lower Upper

240 100

120 10.3 10.8 16.2#

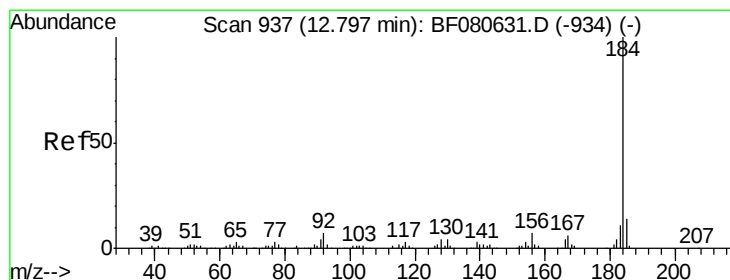
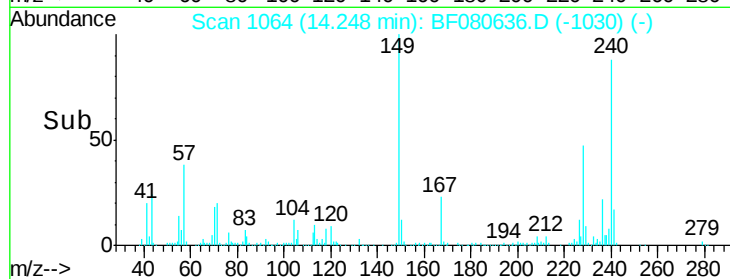
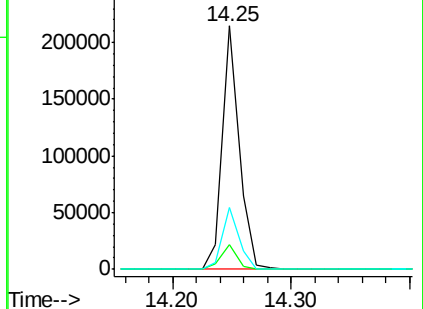
236 25.5 20.3 30.5



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: 57.83 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

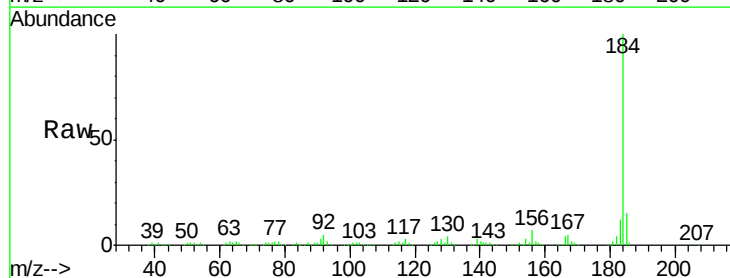
Tgt Ion:184 Resp: 414016

Ion Ratio Lower Upper

184 100

185 14.5 11.4 17.0

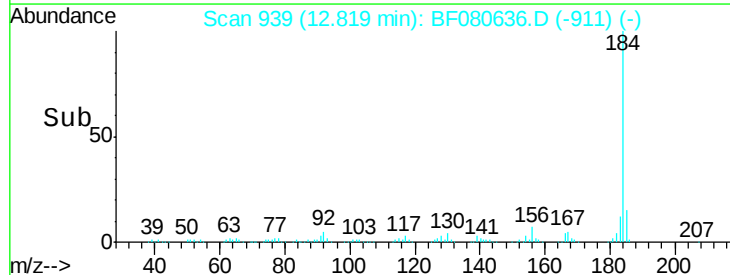
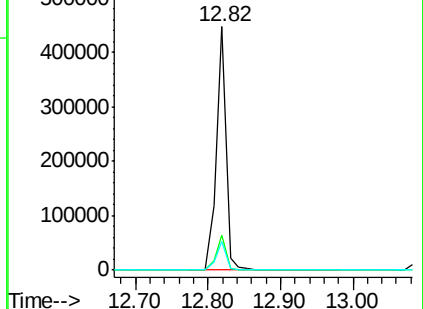
183 12.0 9.0 13.6

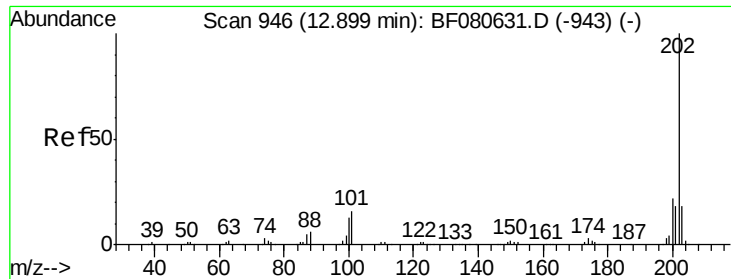


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

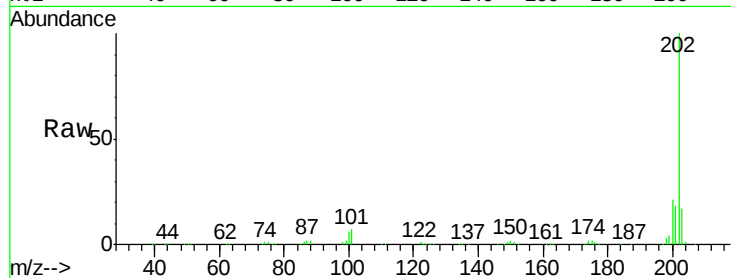




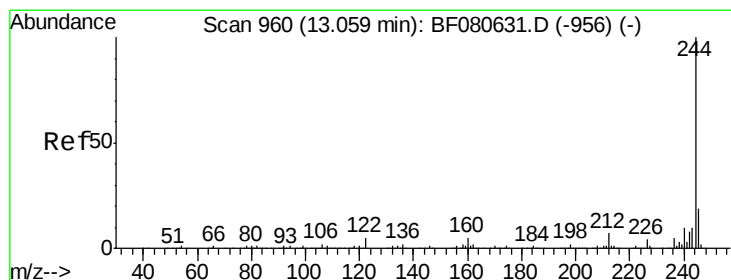
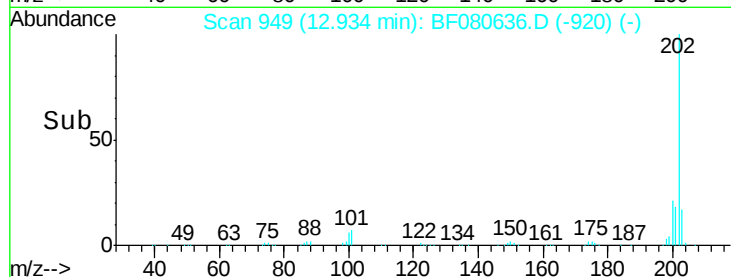
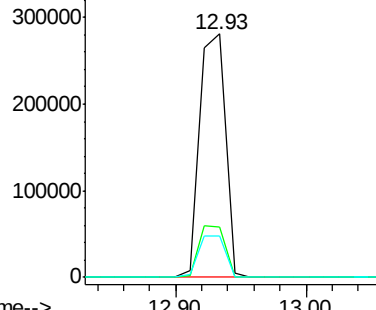
#77
 Pyrene
 Concen: 29.12 ng
 RT: 12.93 min Scan# 949
 Delta R.T. 0.03 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion: 202 Resp: 384147
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.4 26.0
 203 17.0 14.6 22.0

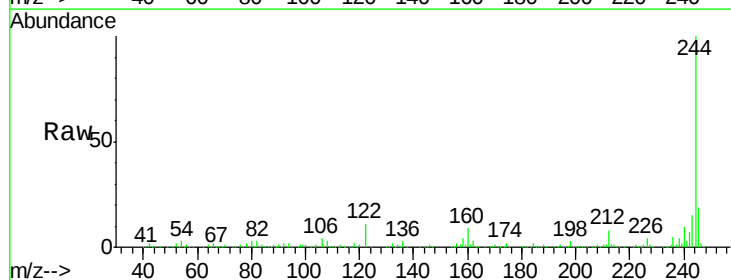


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

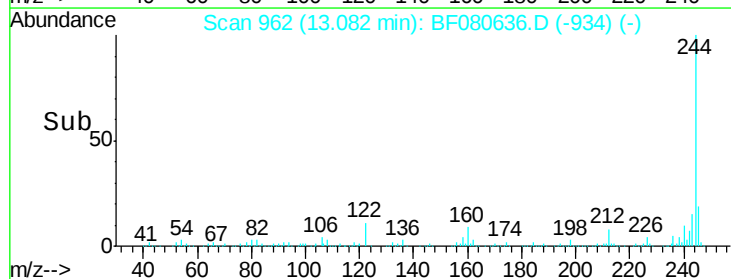
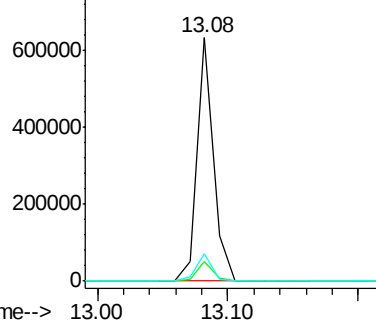


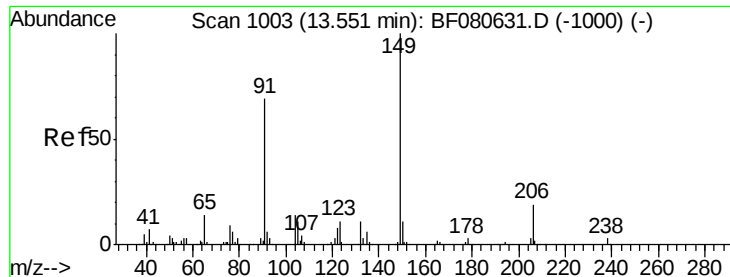
#78
 Terphenyl-d14
 Concen: 56.47 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.02 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion: 244 Resp: 552334
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.2 7.8#
 122 11.1 4.1 6.1#



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: 30.73 ng

RT: 13.61 min Scan# 1008

Delta R.T. 0.06 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

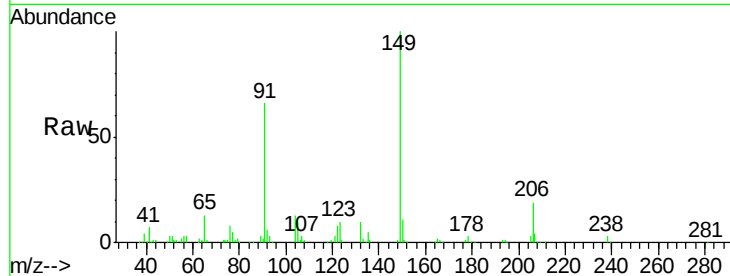
Tgt Ion:149 Resp: 175330

Ion Ratio Lower Upper

149 100

91 66.0 55.0 82.4

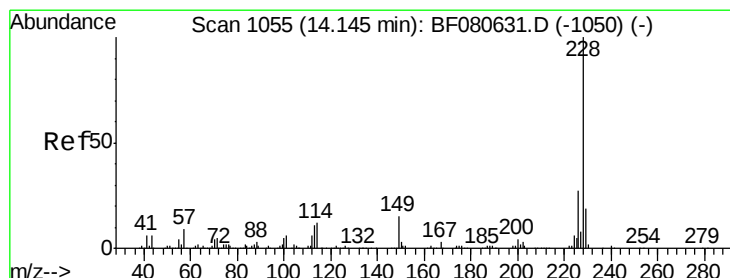
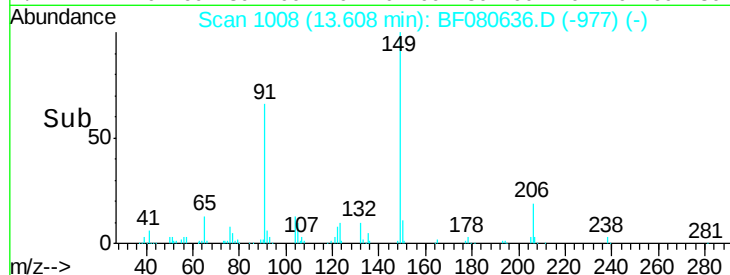
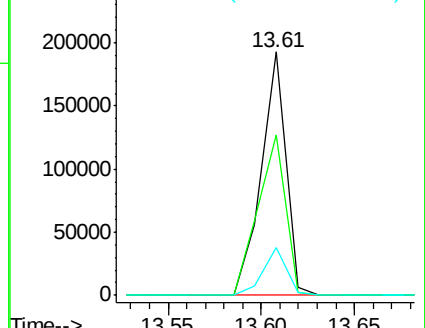
206 19.5 15.0 22.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 31.10 ng

RT: 14.24 min Scan# 1063

Delta R.T. 0.09 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

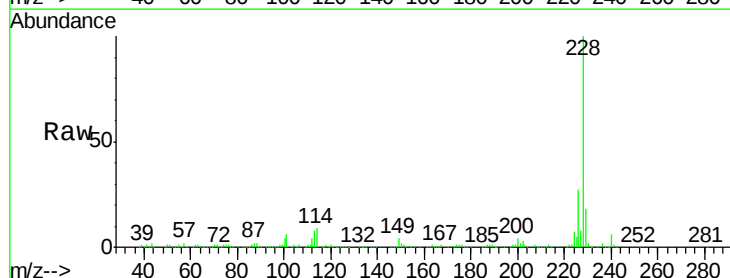
Tgt Ion:228 Resp: 384280

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.0

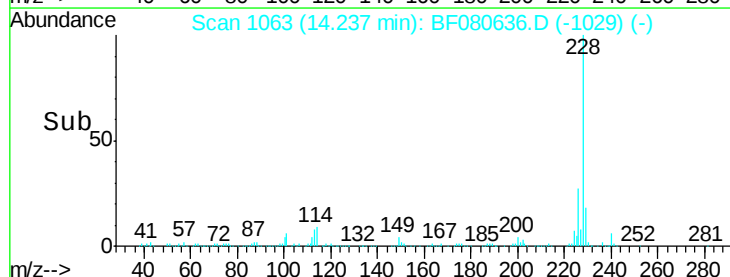
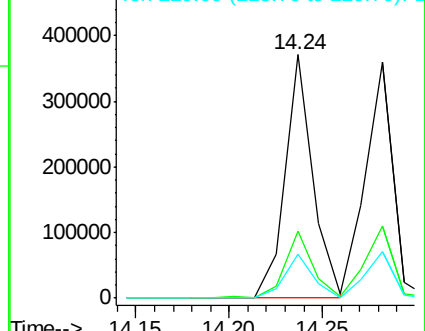
229 18.2 15.4 23.0

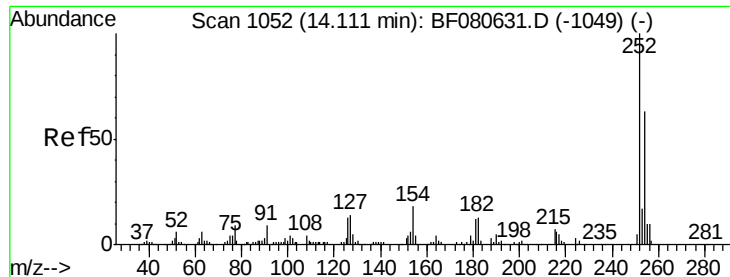


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

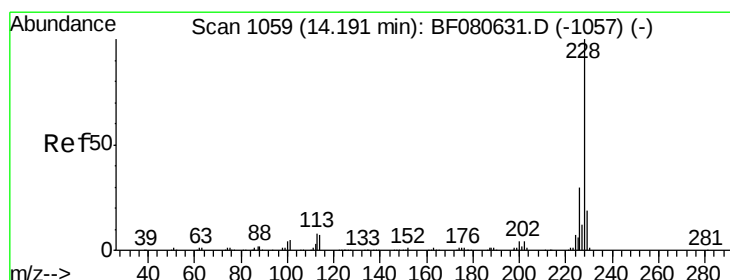
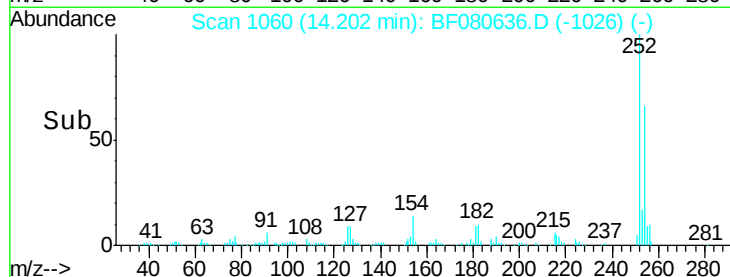
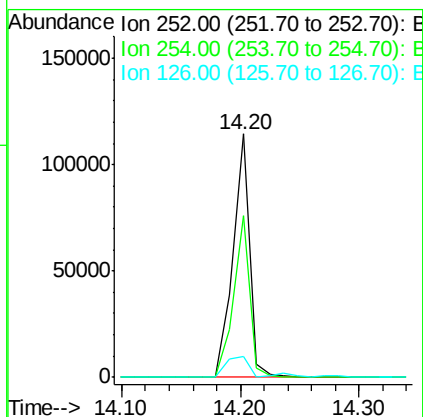
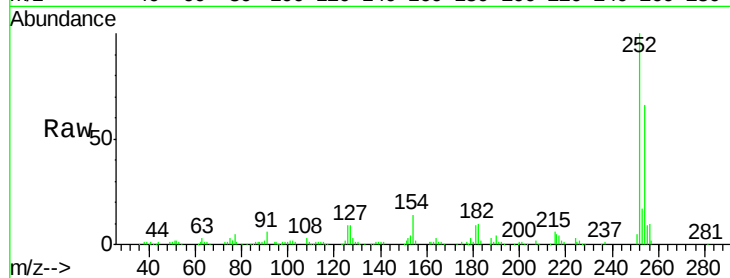




#81
 3,3'-Dichlorobenzidine
 Concen: 27.75 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.09 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

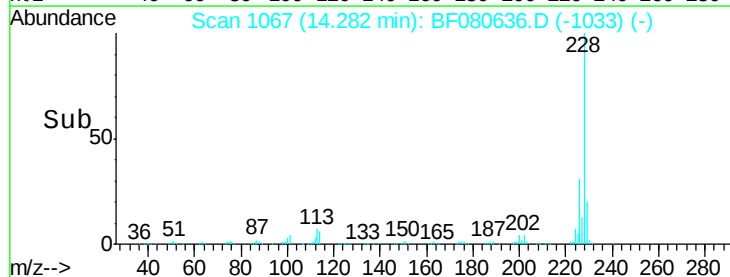
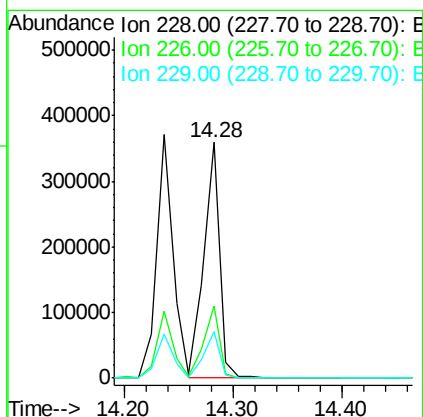
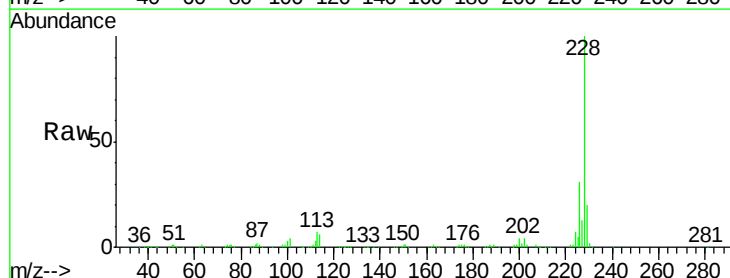
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

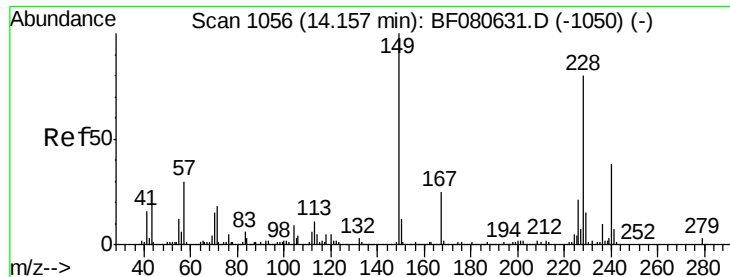
Tgt Ion: 252 Resp: 111486
 Ion Ratio Lower Upper
 252 100
 254 66.4 50.4 75.6
 126 8.8 10.6 15.8#



#82
 Chrysene
 Concen: 31.55 ng
 RT: 14.28 min Scan# 1067
 Delta R.T. 0.09 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion: 228 Resp: 365184
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.4
 229 19.7 15.4 23.2

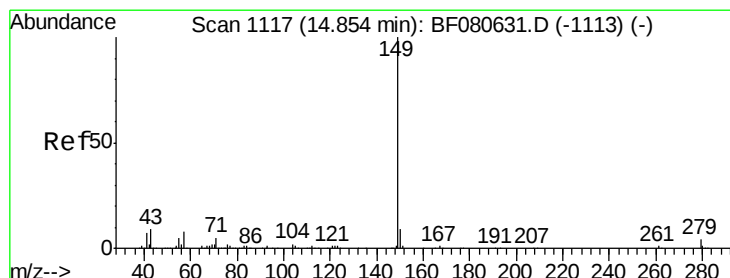
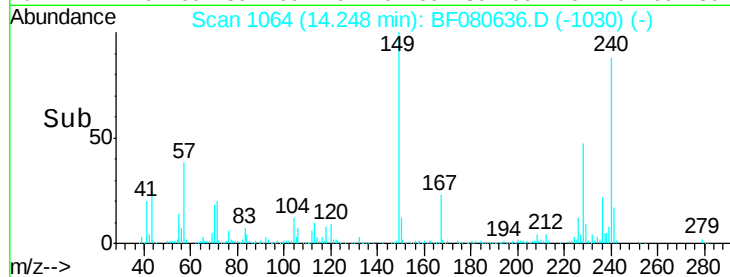
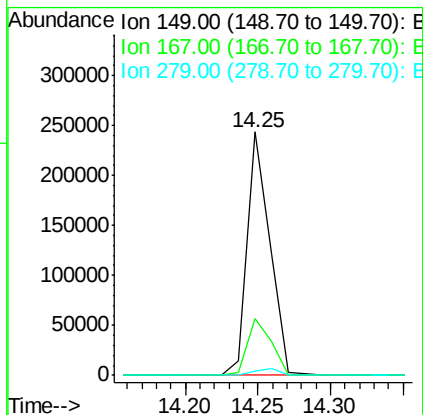
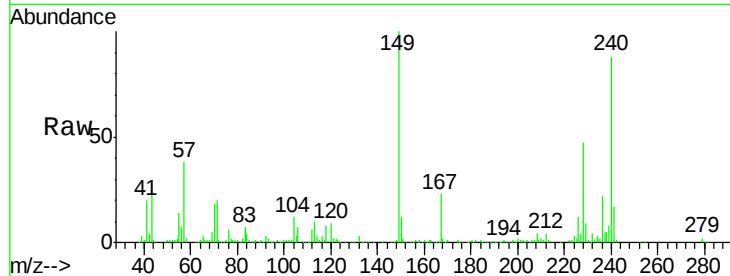




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.64 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.09 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:149 Resp: 263455
 Ion Ratio Lower Upper
 149 100
 167 23.1 19.7 29.5
 279 1.9 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 31.69 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.15 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:149 Resp: 438923
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.4#
 43 12.2 10.1 15.1

