

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081382.D
 Acq On : 3 Sep 2015 18:09
 Operator : UM/IZ
 Sample : PB85360BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Quant Time: Sep 04 02:05:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58659	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	235305	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	116308	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	228579	20.00	ng	0.00
75) Chrysene-d12	13.47	240	180108	20.00	ng	0.00
86) Perylene-d12	14.78	264	117319	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	253067	66.94	ng	0.01
7) Phenol-d6	6.04	99	360242	71.98	ng	0.00
23) Nitrobenzene-d5	6.95	82	301833	61.89	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	67950	65.61	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	499891	55.08	ng	-0.01
78) Terphenyl-d14	12.46	244	534921	69.14	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	45902	27.03	ng	# 87
3) Pyridine	2.31	79	139590	29.81	ng	# 88
4) n-Nitrosodimethylamine	2.27	42	80721	31.03	ng	# 83
6) Aniline	6.03	93	107820	15.26	ng	# 78
8) 2-Chlorophenol	6.16	128	141605	33.99	ng	# 92
9) Benzaldehyde	5.91	77	15342	4.89	ng	# 85
10) Phenol	6.06	94	207383	35.73	ng	# 63
11) bis(2-Chloroethyl)ether	6.12	93	151078	36.08	ng	# 95
12) 1,3-Dichlorobenzene	6.31	146	143387	32.21	ng	# 94
13) 1,4-Dichlorobenzene	6.39	146	147672	32.58	ng	# 91
14) 1,2-Dichlorobenzene	6.54	146	127836	31.33	ng	# 86
15) Benzyl Alcohol	6.54	79	131891	32.13	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	274598	34.21	ng	# 4
17) 2-Methylphenol	6.67	107	117099	35.23	ng	# 76
18) Hexachloroethane	6.88	117	55736	31.61	ng	# 93
19) n-Nitroso-di-n-propylamine	6.81	70	104597	30.71	ng	# 87
20) 3+4-Methylphenols	6.83	107	152786	34.09	ng	# 89
22) Acetophenone	6.80	105	211080	32.84	ng	# 79
24) Nitrobenzene	6.97	77	170733	33.71	ng	# 71
25) Isophorone	7.21	82	274799	30.29	ng	# 83
26) 2-Nitrophenol	7.29	139	72688	32.93	ng	# 69
27) 2,4-Dimethylphenol	7.35	122	122963	32.25	ng	# 79
28) bis(2-Chloroethoxy)methane	7.44	93	169527	32.35	ng	# 91
29) 2,4-Dichlorophenol	7.54	162	111305	33.67	ng	# 98
30) 1,2,4-Trichlorobenzene	7.61	180	120168	33.46	ng	# 97
31) Naphthalene	7.68	128	378665	30.17	ng	# 98
32) Benzoic acid	7.51	122	74149	28.34	ng	# 61
33) 4-Chloroaniline	7.75	127	53218	10.40	ng	# 85
34) Hexachlorobutadiene	7.80	225	67477	30.87	ng	# 98
35) Caprolactam	8.12	113	22644	22.33	ng	# 27
36) 4-Chloro-3-methylphenol	8.26	107	143746	38.84	ng	# 75
37) 2-Methylnaphthalene	8.38	142	278387	34.09	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	106282	28.89	ng	# 97
40) Hexachlorocyclopentadiene	8.52	237	112805	62.49	ng	# 96

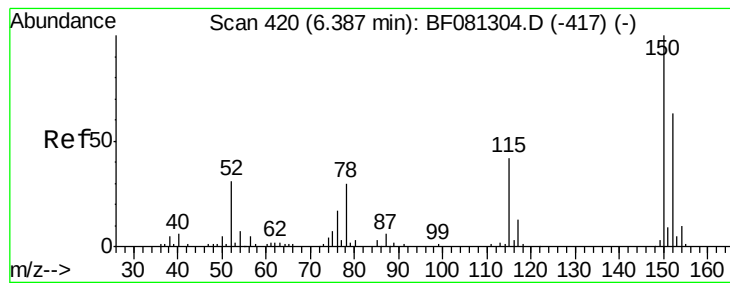
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081382.D
 Acq On : 3 Sep 2015 18:09
 Operator : UM/IZ
 Sample : PB85360BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Sep 04 02:05:08 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	74630	29.40	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	78029	30.13	nq	# 92
45) 1,1'-Biphenyl	8.84	154	334590	31.27	nq	95
46) 2-Chloronaphthalene	8.86	162	236224	30.57	nq	# 88
47) 2-Nitroaniline	8.97	65	109870	34.89	nq	# 73
48) Acenaphthylene	9.27	152	418940	30.56	nq	97
49) Dimethylphthalate	9.16	163	289667	32.05	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	56081	27.34	nq	# 8
51) Acenaphthene	9.44	154	253582	32.52	nq	89
52) 3-Nitroaniline	9.38	138	35186	15.07	nq	# 80
53) 2,4-Dinitrophenol	9.48	184	54848	63.49	nq	# 1
54) Dibenzofuran	9.61	168	380506	33.41	nq	# 90
55) 4-Nitrophenol	9.61	139	247167	168.50	nq	# 32
56) 2,4-Dinitrotoluene	9.61	165	77223	29.57	nq	# 7
57) Fluorene	9.94	166	269451	31.18	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	67670	34.22	nq	# 92
59) Diethylphthalate	9.85	149	288523	30.35	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	139862	34.72	nq	96
61) 4-Nitroaniline	9.99	138	64912	27.52	nq	# 22
62) Azobenzene	10.10	77	338092	31.99	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.02	198	42356	33.13	nq	# 74
65) n-Nitrosodiphenylamine	10.07	169	241387	29.02	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	78564	33.99	nq	99
67) Hexachlorobenzene	10.49	284	79607	32.94	nq	# 80
68) Atrazine	10.62	200	85046	35.33	nq	83
69) Pentachlorophenol	10.68	266	77647	67.53	nq	99
70) Phenanthrene	10.89	178	390166	30.70	nq	97
71) Anthracene	10.95	178	419757	32.15	nq	99
72) Carbazole	11.11	167	395829	32.31	nq	96
73) Di-n-butylphthalate	11.46	149	480468	33.21	nq	# 99
74) Fluoranthene	12.07	202	463802	33.71	nq	85
76) Benzidine	12.20	184	161056	20.83	nq	97
77) Pyrene	12.29	202	453907	34.02	nq	98
79) Butylbenzylphthalate	12.94	149	194835	33.58	nq	# 78
80) Benzo(a)anthracene	13.46	228	362448	31.60	nq	98
81) 3,3'-Dichlorobenzidine	13.44	252	53929	13.94	nq	99
82) Chrysene	13.50	228	333517	32.44	nq	95
83) Bis(2-ethylhexyl)phthalate	13.51	149	259125	33.84	nq	# 93
84) Di-n-octyl phthalate	14.11	149	390733	30.99	nq	98
85) Indeno(1,2,3-cd)pyrene	15.86	276	207745	27.54	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	525334	62.72	nq	# 87
88) Benzo(k)fluoranthene	14.48	252	525334	75.59	nq	# 87
89) Benzo(a)pyrene	14.73	252	224703	31.66	nq	# 89
90) Dibenzo(a,h)anthracene	15.87	278	174277	31.78	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	173132	33.08	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

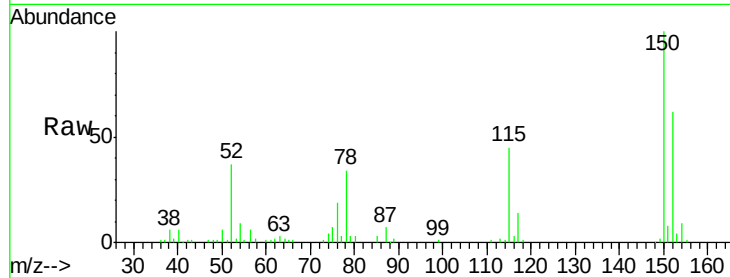
Tot Ion:152 Resp: 58659

Ion Ratio Lower Upper

152 100

150 162.5 124.7 187.1

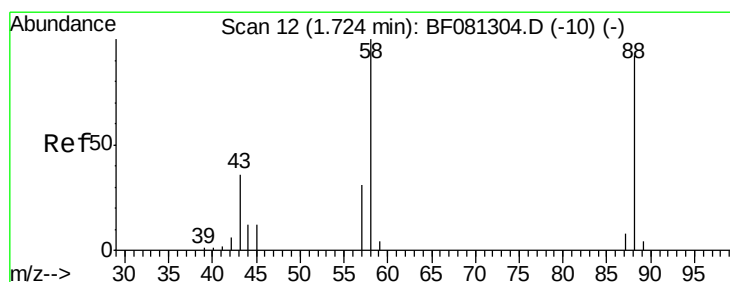
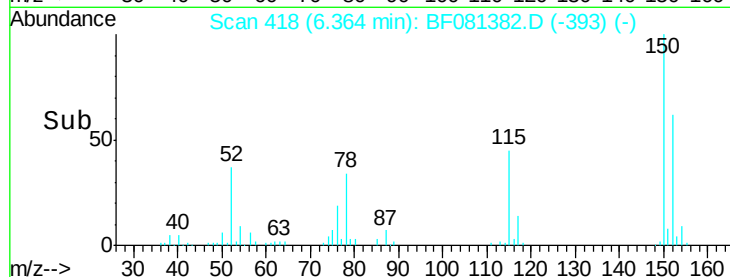
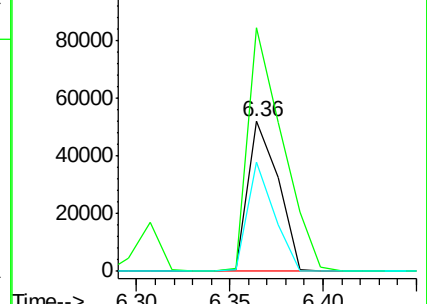
115 72.8 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.03 ng

RT: 1.77 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

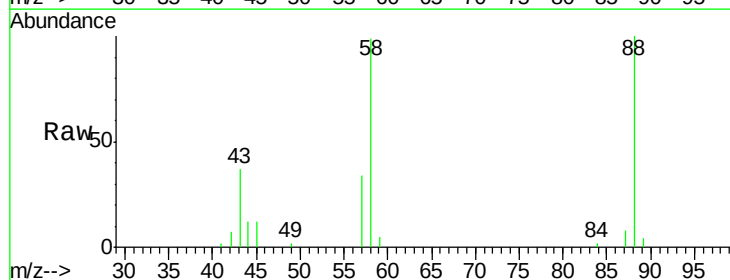
Tgt Ion: 88 Resp: 45902

Ion Ratio Lower Upper

88 100

58 105.7 77.7 116.5

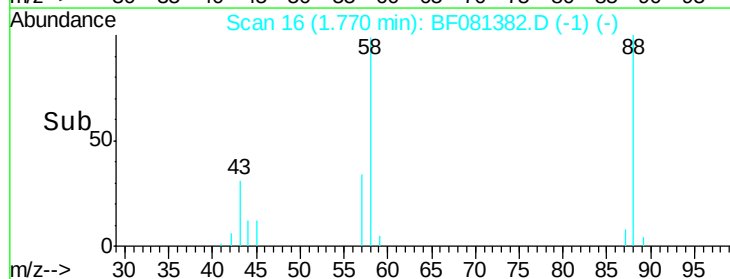
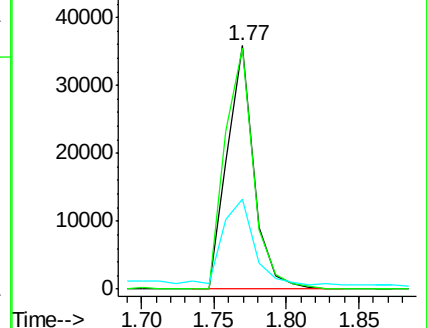
43 47.6 26.6 40.0#

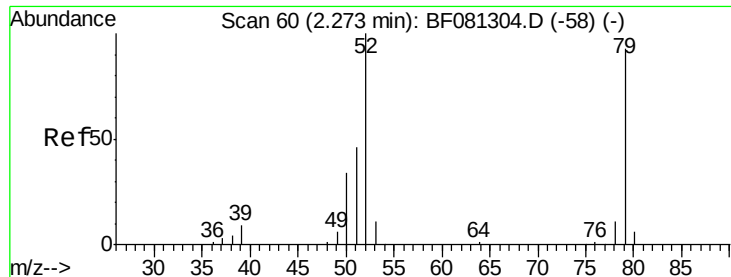


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.81 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

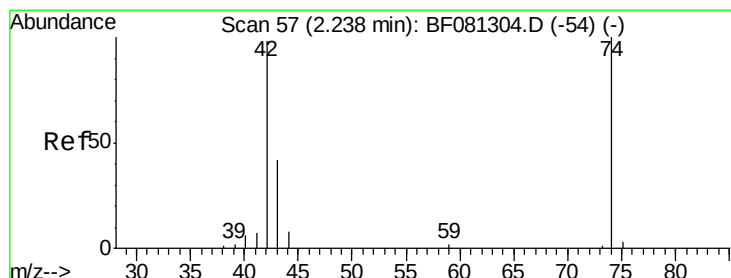
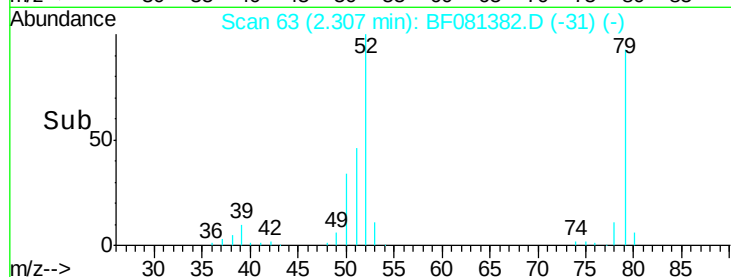
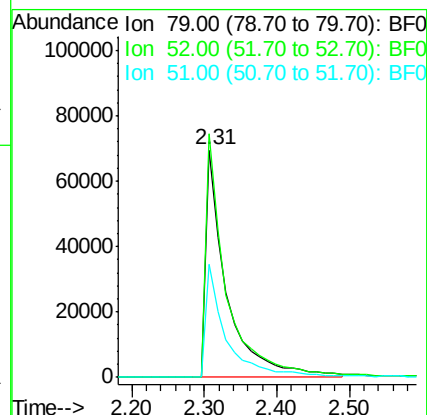
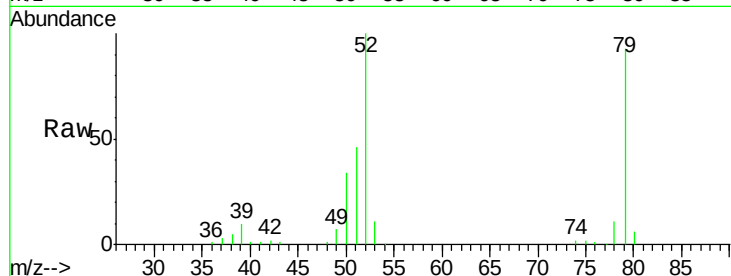
Tot Ion: 79 Resp: 139590

Ion Ratio Lower Upper

79 100

52 107.1 76.8 115.2

51 49.7 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 31.03 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

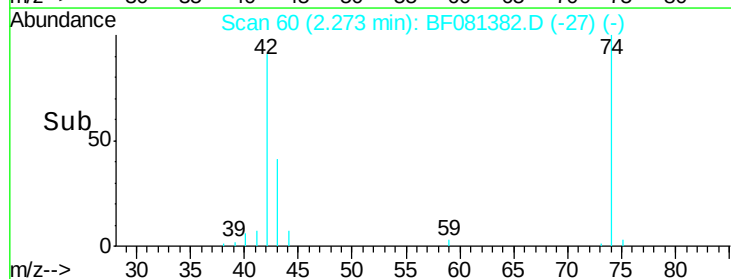
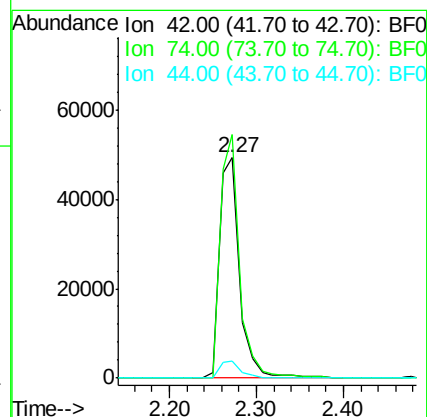
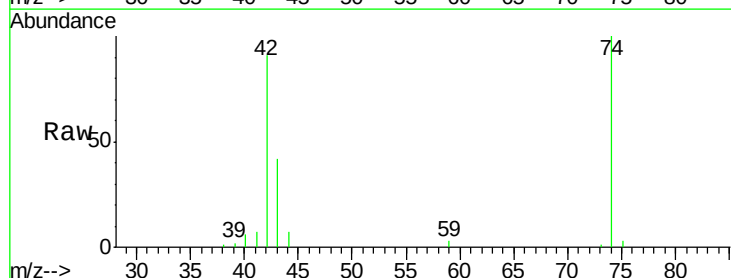
Tgt Ion: 42 Resp: 80721

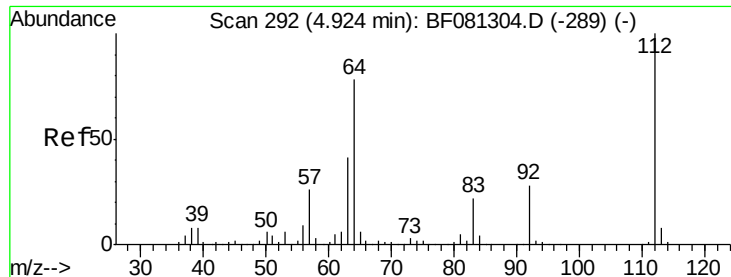
Ion Ratio Lower Upper

42 100

74 110.4 105.0 157.6

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 66.94 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

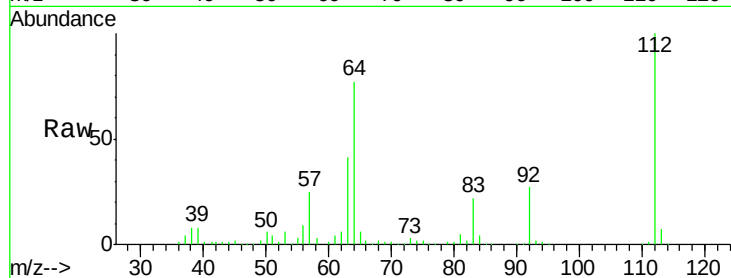
Tot Ion:112 Resp: 253067

Ion Ratio Lower Upper

112 100

64 77.4 39.7 59.5#

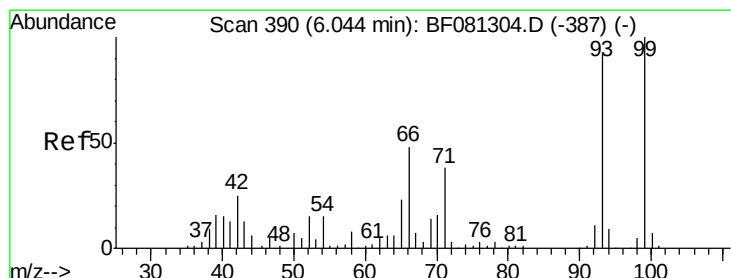
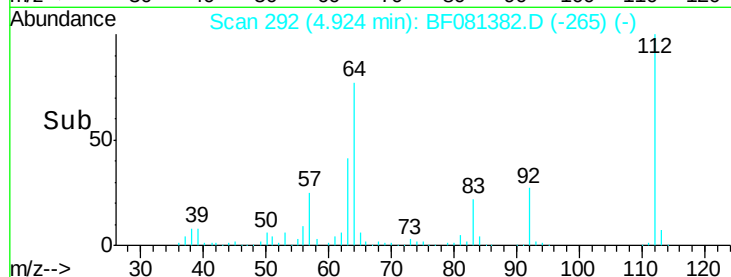
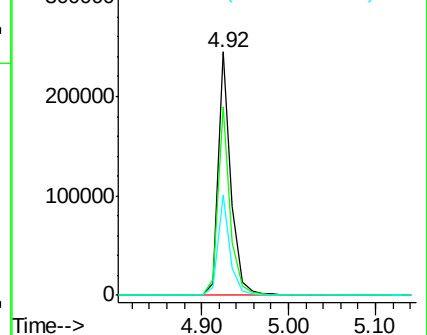
63 41.3 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.26 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

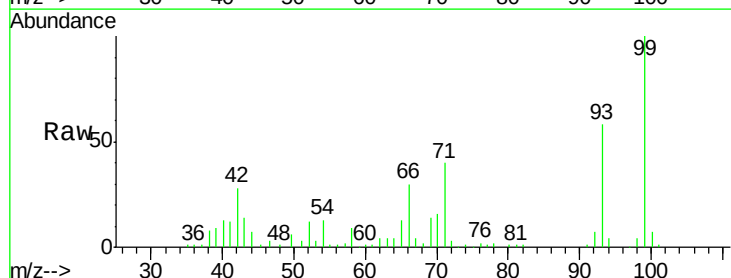
Tgt Ion: 93 Resp: 107820

Ion Ratio Lower Upper

93 100

66 51.1 27.2 40.8#

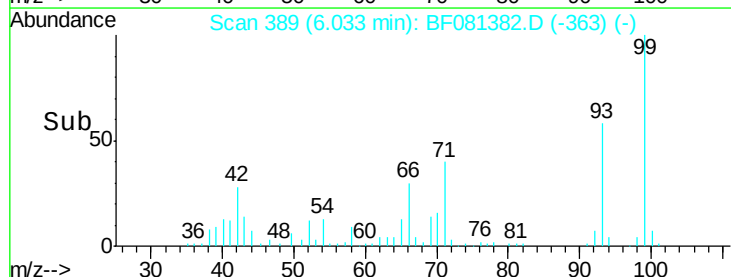
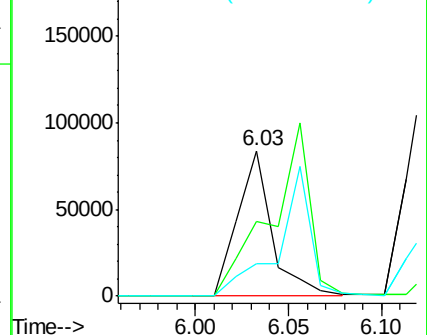
65 22.1 14.7 22.1#

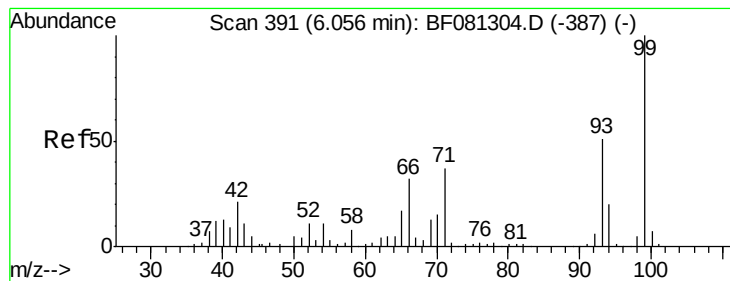


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.98 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

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ClientSampleId :

PB85360BSD

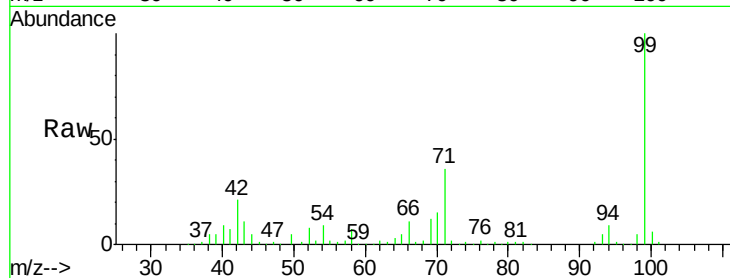
Tot Ion: 99 Resp: 360242

Ion Ratio Lower Upper

99 100

42 20.9 13.7 20.5#

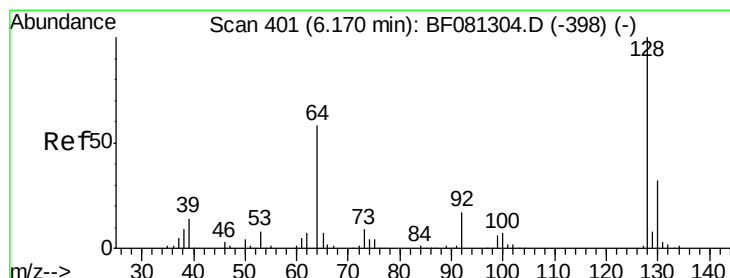
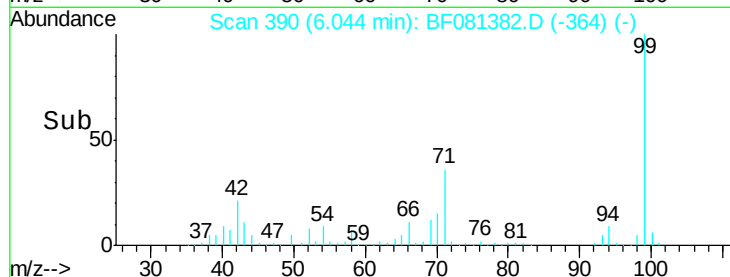
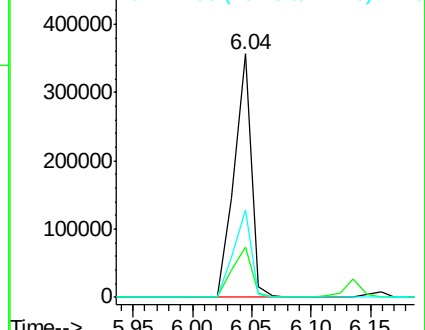
71 36.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.99 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

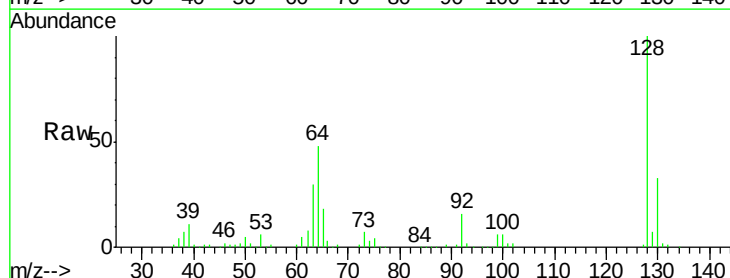
Tgt Ion: 128 Resp: 141605

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

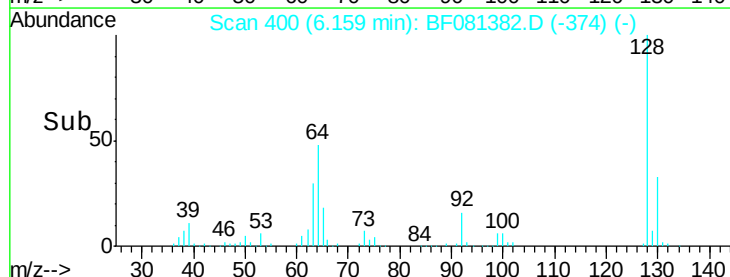
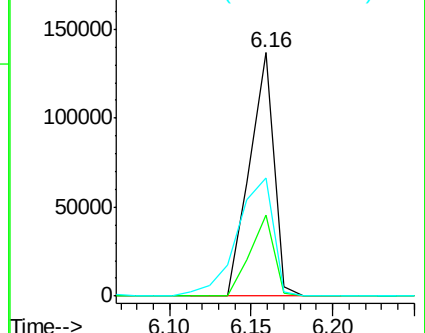
64 48.4 20.5 60.5

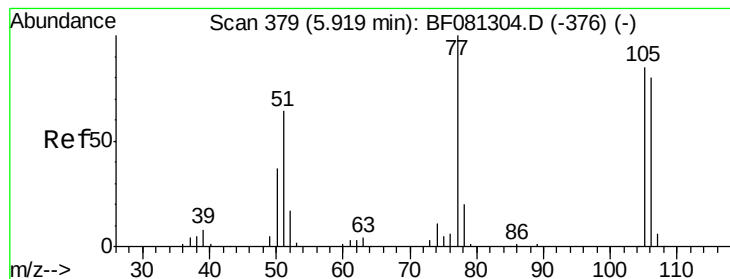


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.89 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

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PB85360BSD

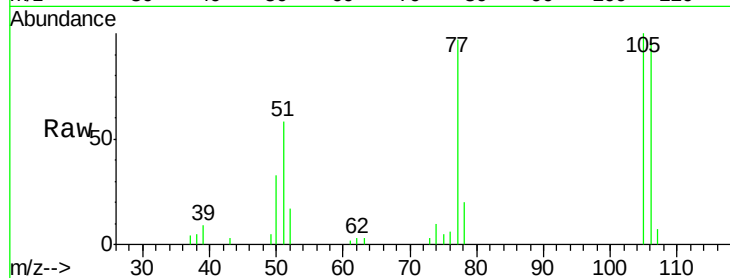
Tot Ion: 77 Resp: 15342

Ion Ratio Lower Upper

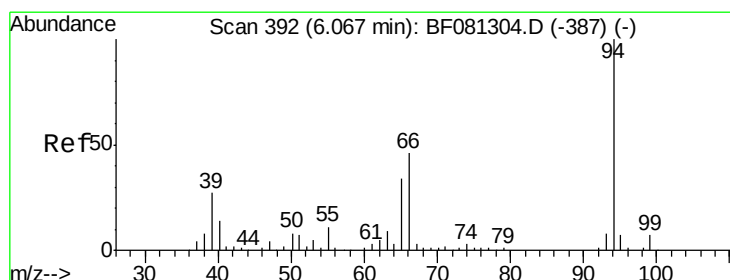
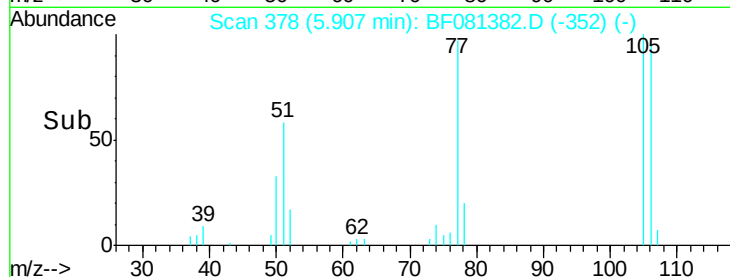
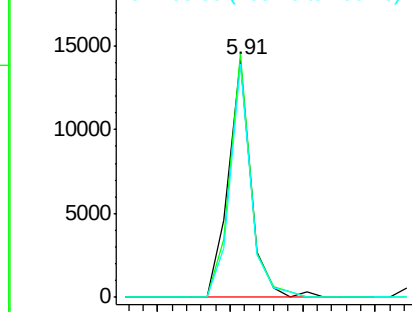
77 100

105 102.6 91.6 131.6

106 98.6 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.73 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

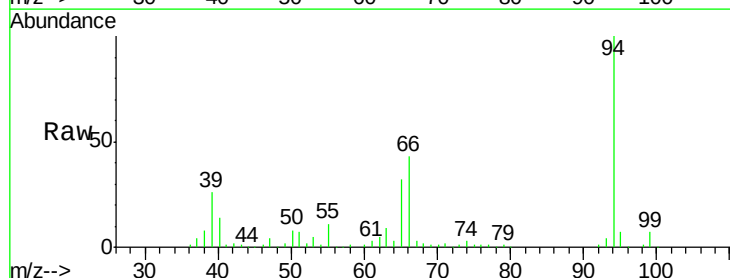
Tgt Ion: 94 Resp: 207383

Ion Ratio Lower Upper

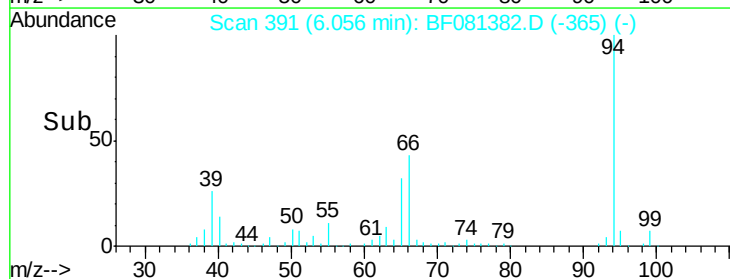
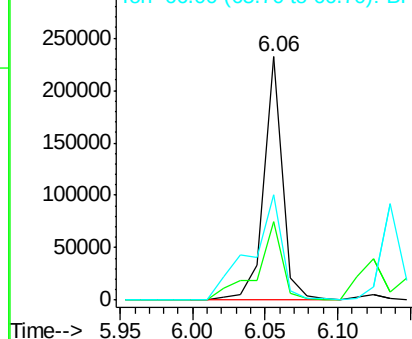
94 100

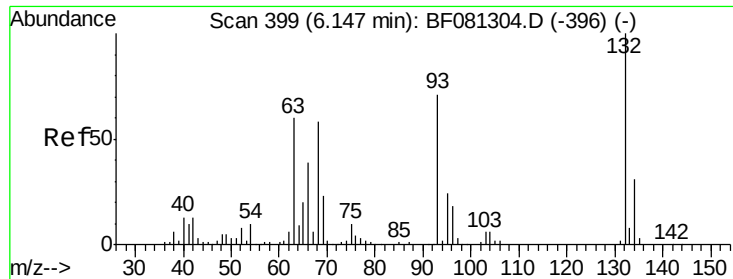
65 32.4 0.7 40.7

66 43.2 0.8 40.8#



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

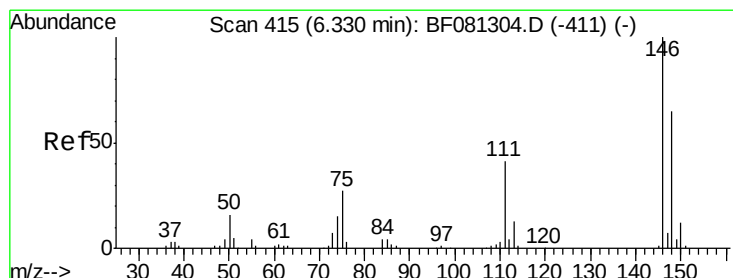
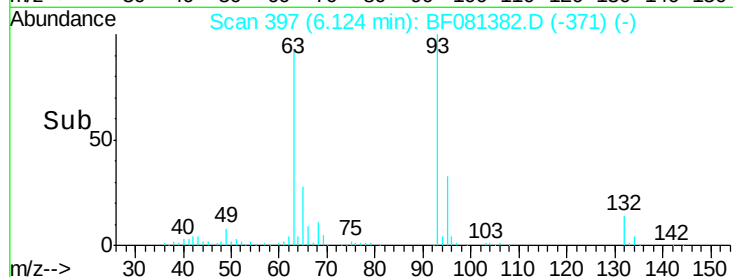
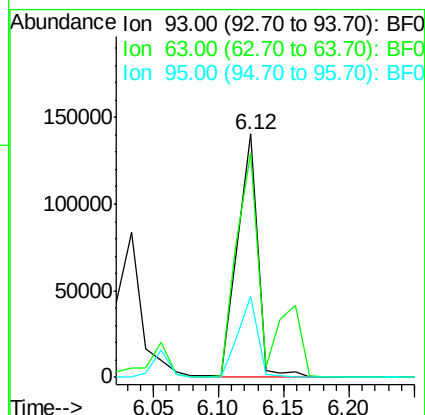
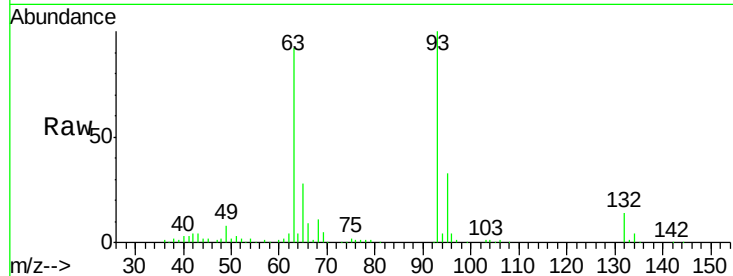




#11
bis(2-Chloroethyl)ether
Concen: 36.08 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

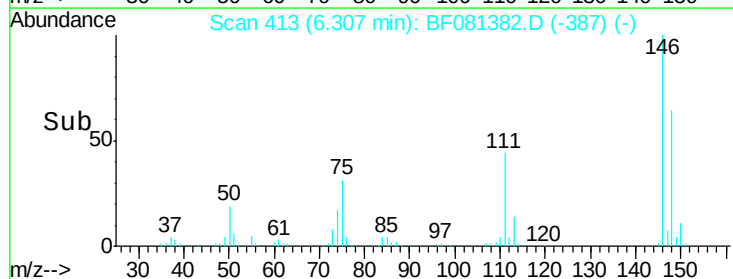
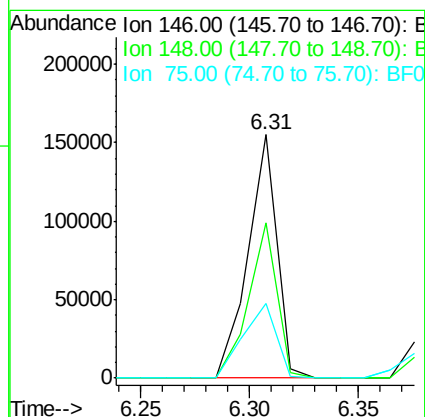
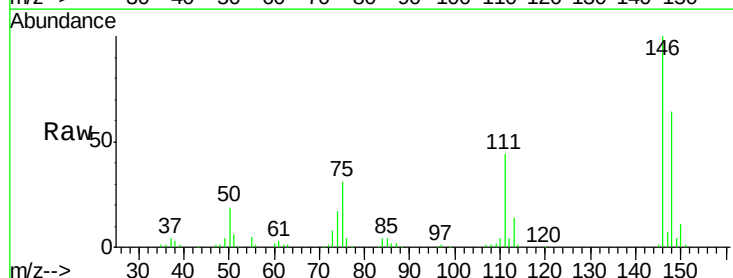
Instrument :
BNA_F
ClientSampleId :
PB85360BSD

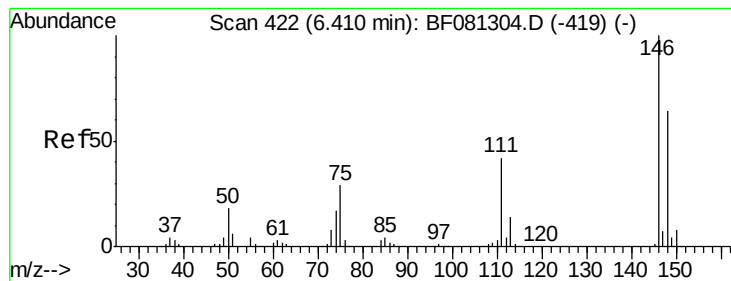
Tot Ion: 93 Resp: 151078
Ion Ratio Lower Upper
93 100
63 91.9 65.6 105.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.21 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion: 146 Resp: 143387
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 30.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 32.58 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

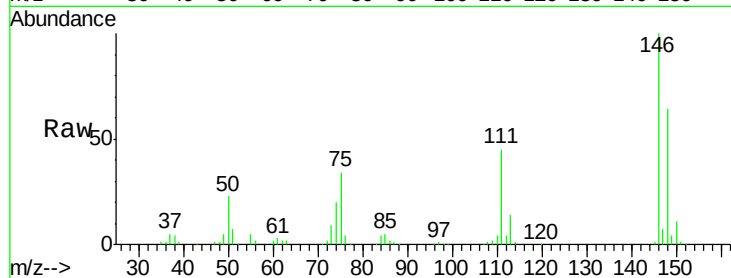
Tot Ion:146 Resp: 147672

Ion Ratio Lower Upper

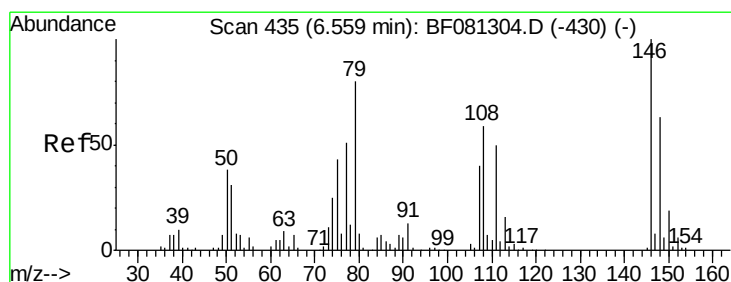
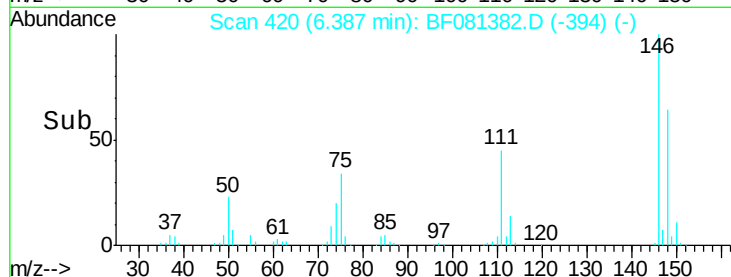
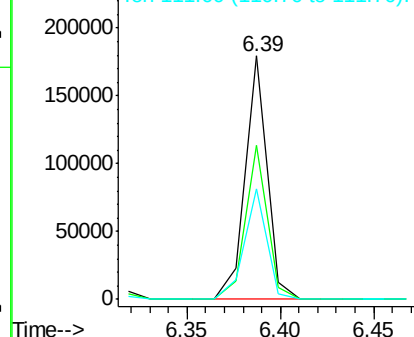
146 100

148 63.5 51.8 77.6

111 45.3 24.9 37.3#



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: 31.33 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

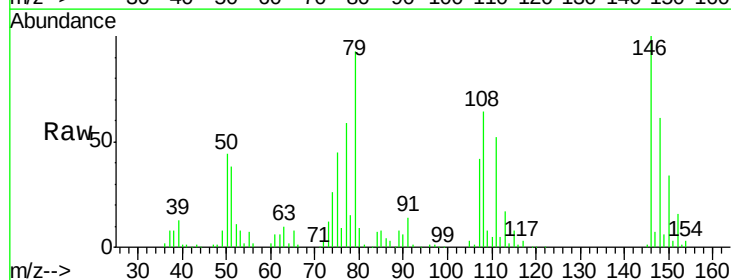
Tgt Ion:146 Resp: 127836

Ion Ratio Lower Upper

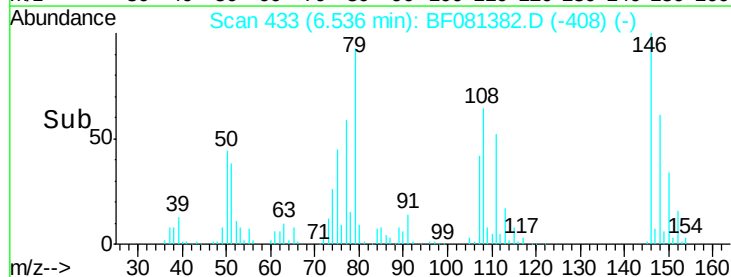
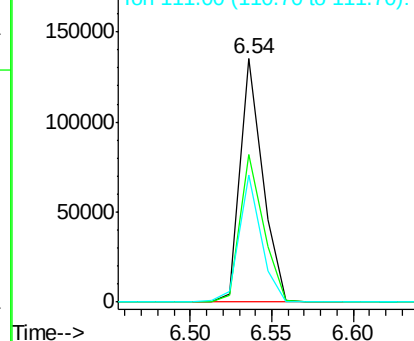
146 100

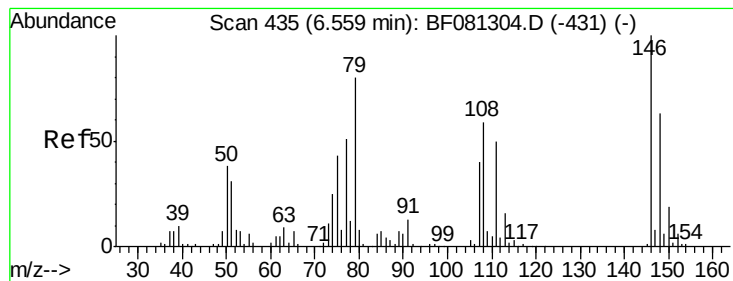
148 60.7 52.7 79.1

111 52.1 28.8 43.2#



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: 32.13 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

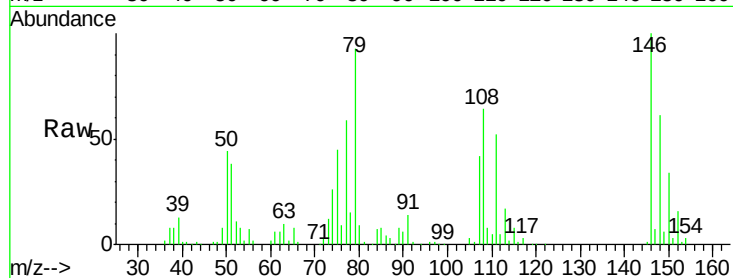
Tot Ion: 79 Resp: 131891

Ion Ratio Lower Upper

79 100

108 68.4 88.6 132.8#

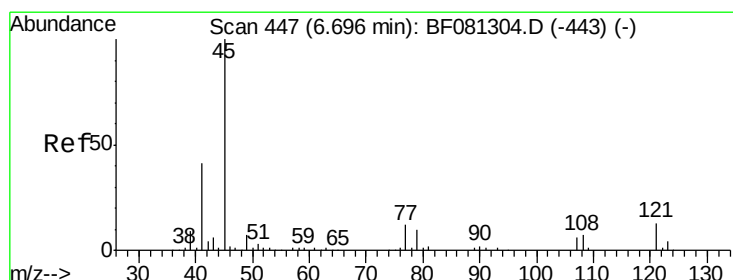
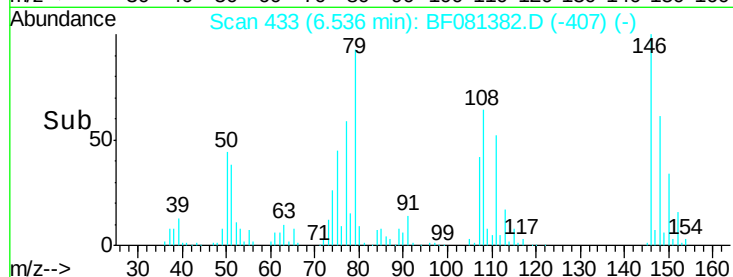
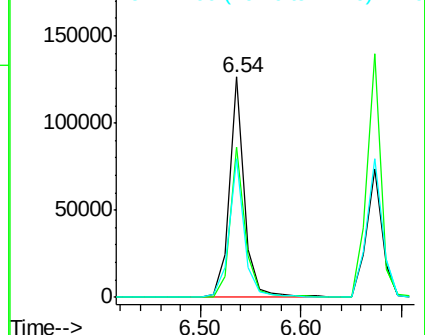
77 63.0 47.0 70.4



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: 34.21 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

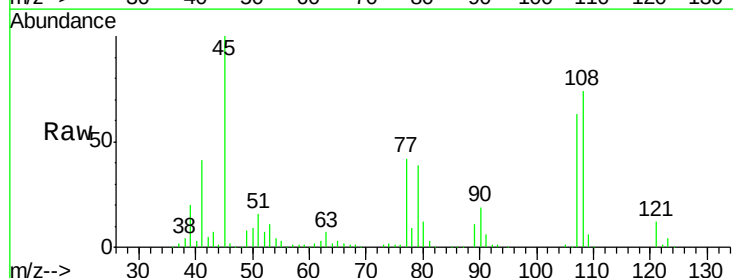
Tgt Ion: 45 Resp: 274598

Ion Ratio Lower Upper

45 100

77 42.0 0.0 28.1#

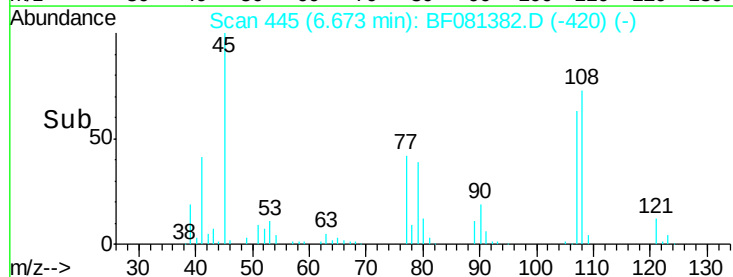
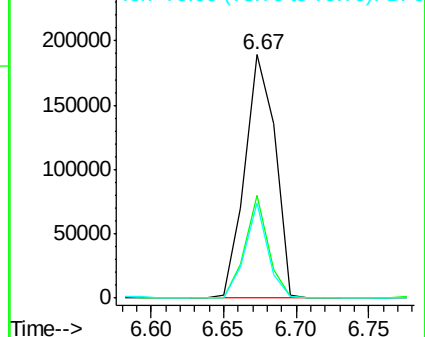
79 38.9 0.0 26.0#

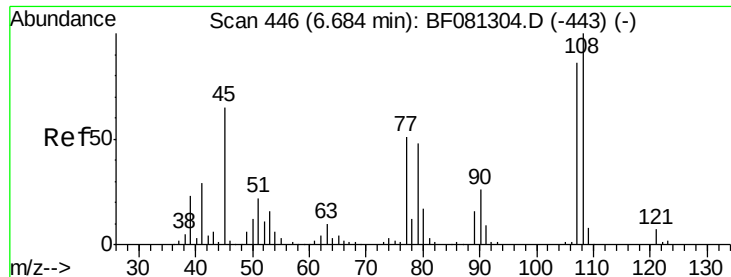


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

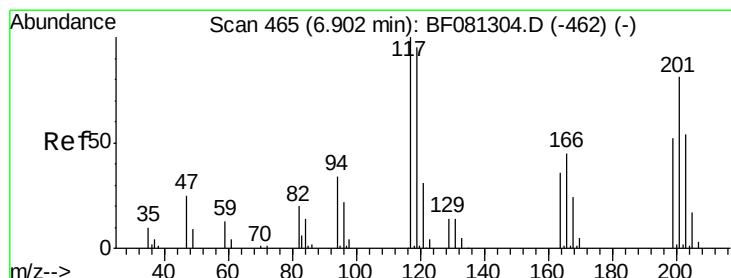
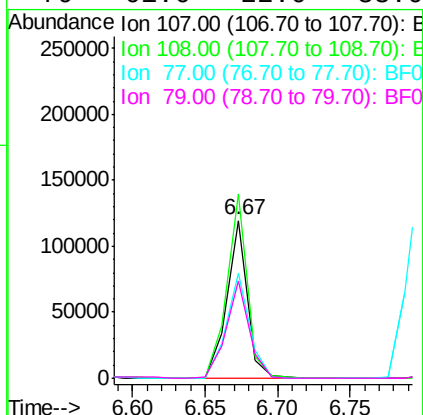
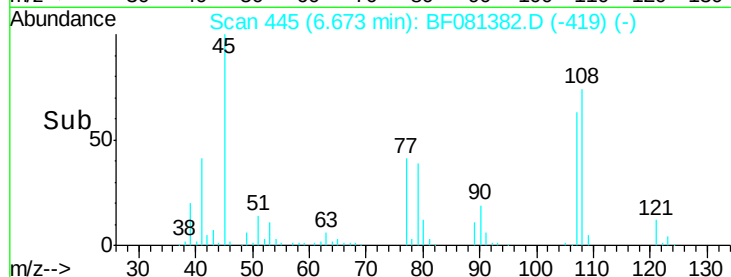
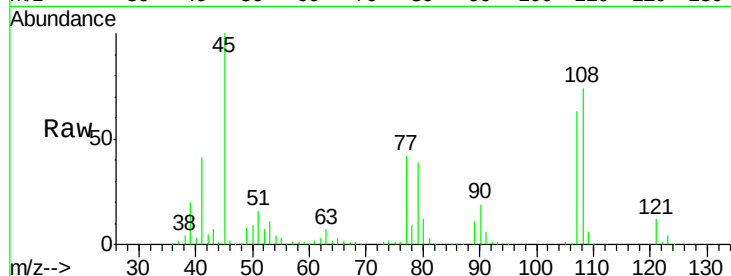




#17
2-Methylphenol
Concen: 35.23 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

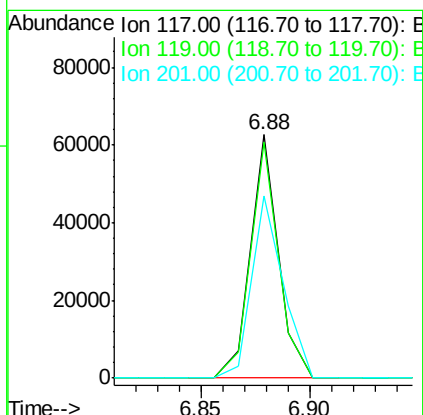
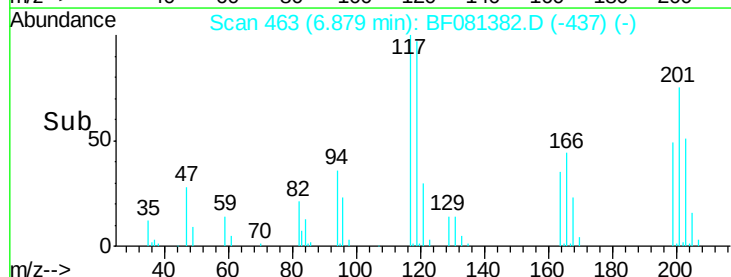
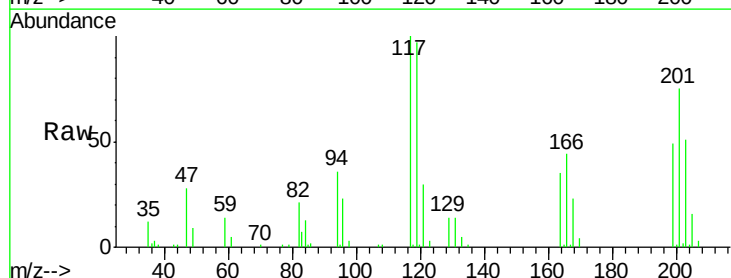
Instrument :
BNA_F
ClientSampleId :
PB85360BSD

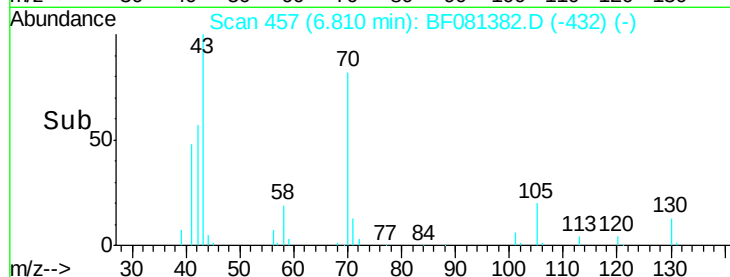
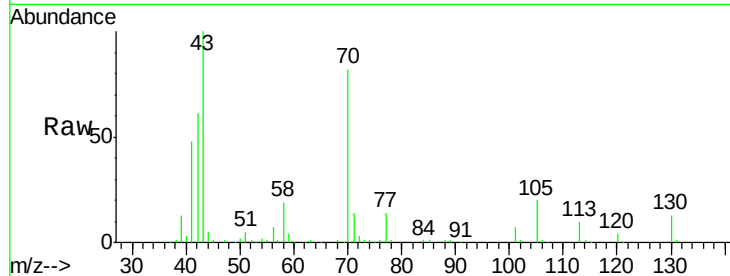
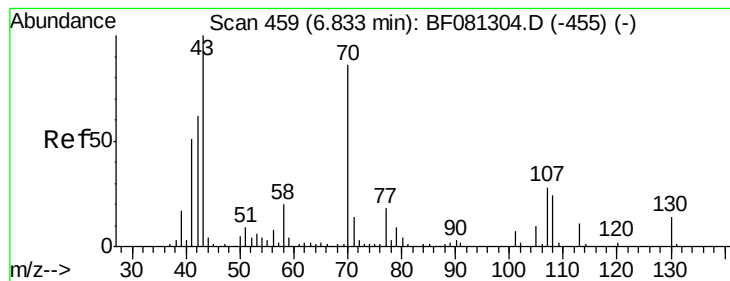
Tot Ion:107 Resp: 117099
Ion Ratio Lower Upper
107 100
108 116.9 96.6 145.0
77 66.5 23.3 34.9#
79 61.6 22.0 33.0#



#18
Hexachloroethane
Concen: 31.61 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:117 Resp: 55736
Ion Ratio Lower Upper
117 100
119 96.8 83.8 125.6
201 74.7 55.1 82.7





#19

n-Nitroso-di-n-propylamine

Concen: 30.71 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

Tot Ion: 70 Resp: 104597

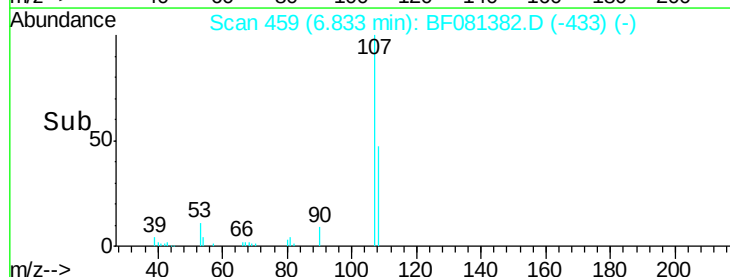
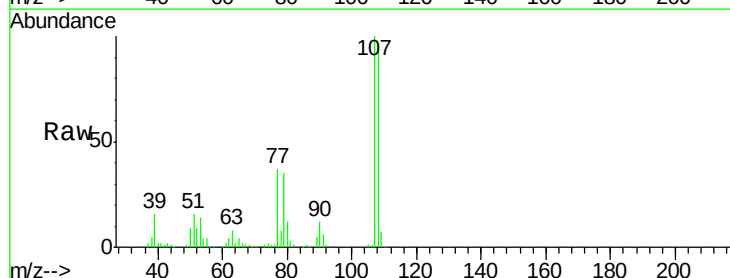
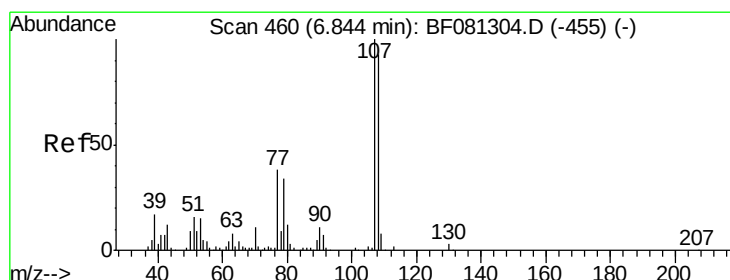
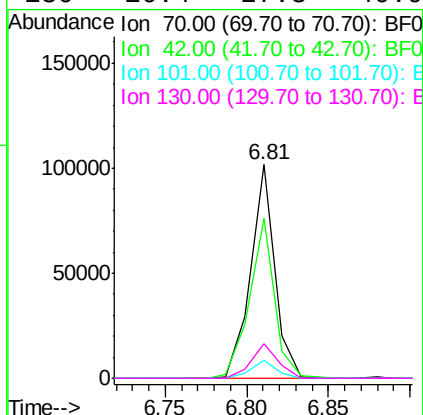
Ion Ratio Lower Upper

70 100

42 74.9 63.8 95.6

101 8.3 9.2 13.8#

130 16.4 27.3 40.9#



#20

3+4-Methylphenols

Concen: 34.09 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Tgt Ion:107 Resp: 152786

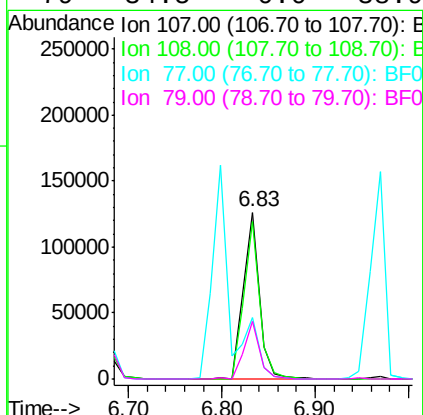
Ion Ratio Lower Upper

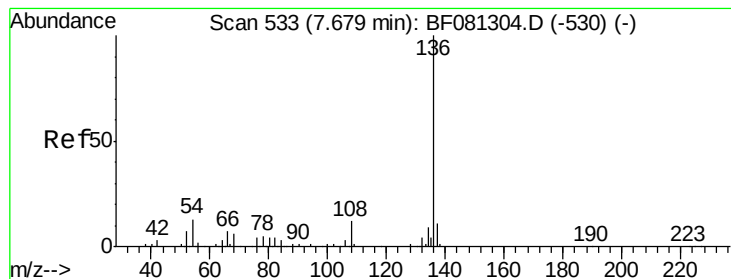
107 100

108 94.2 74.6 114.6

77 37.1 0.7 40.7

79 34.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

Tot Ion:136 Resp: 235305

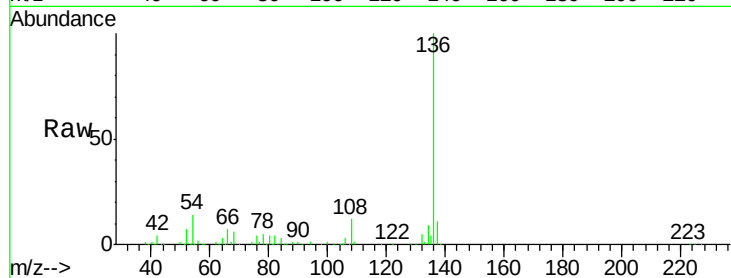
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 13.5 8.2 12.2#

68 6.0 5.8 8.6

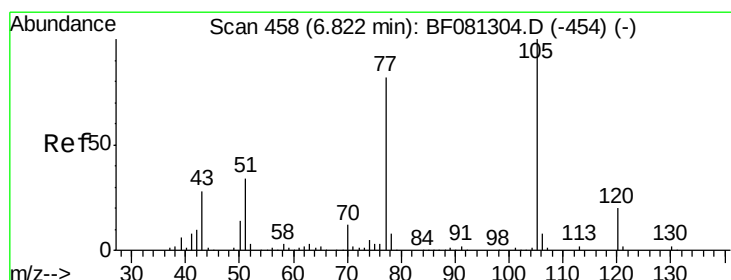
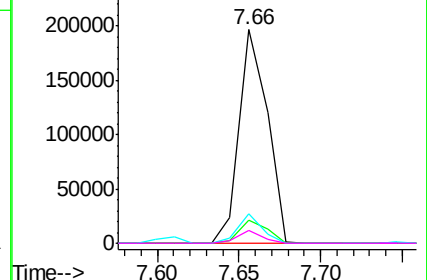
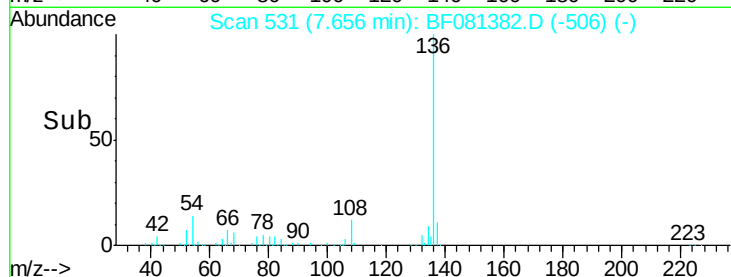


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.84 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Tgt Ion:105 Resp: 211080

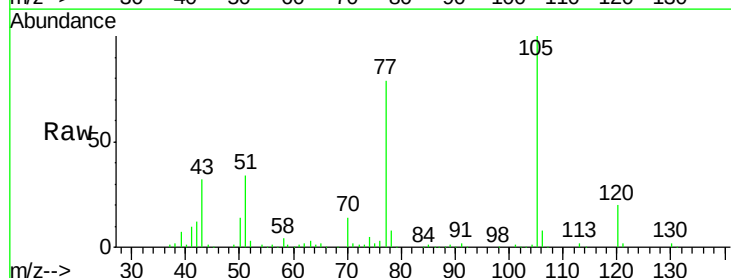
Ion Ratio Lower Upper

105 100

71 2.5 4.7 7.1#

51 34.3 22.0 33.0#

120 20.0 30.1 45.1#

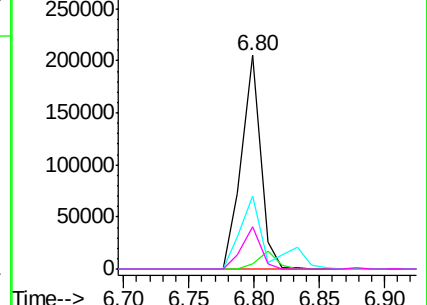
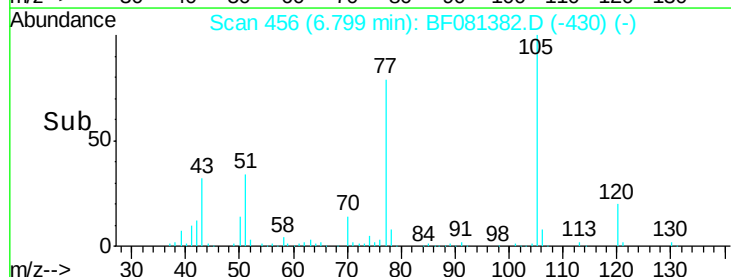


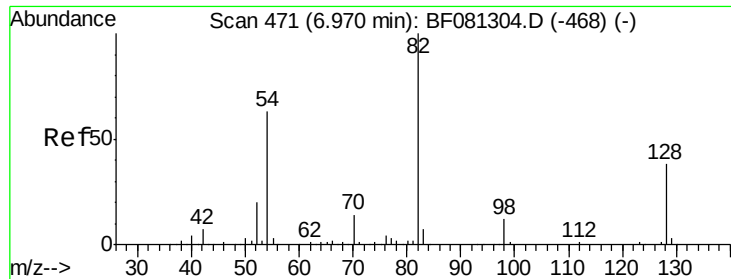
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

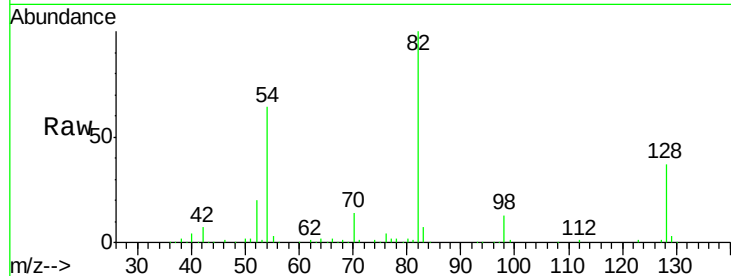




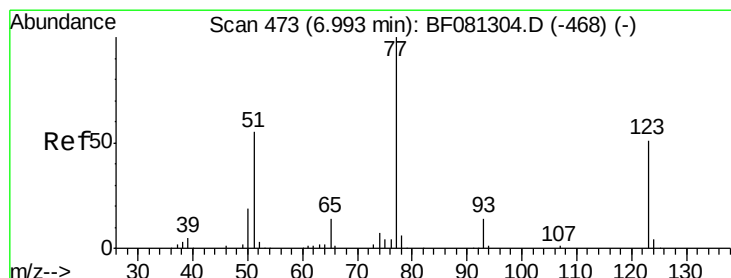
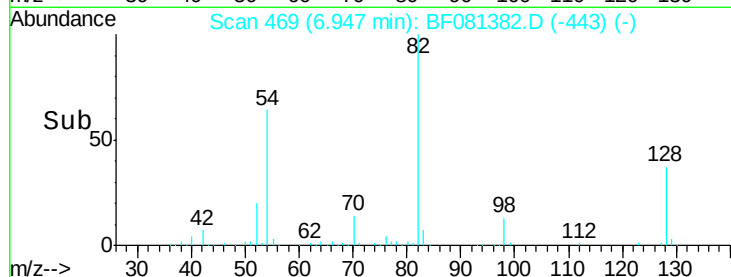
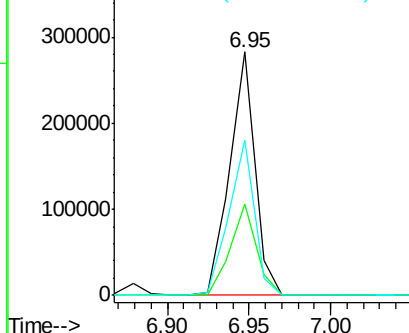
#23
 Nitrobenzene-d5
 Concen: 61.89 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion: 82 Resp: 301833
 Ion Ratio Lower Upper
 82 100
 128 37.5 51.0 76.6#
 54 63.7 47.5 71.3

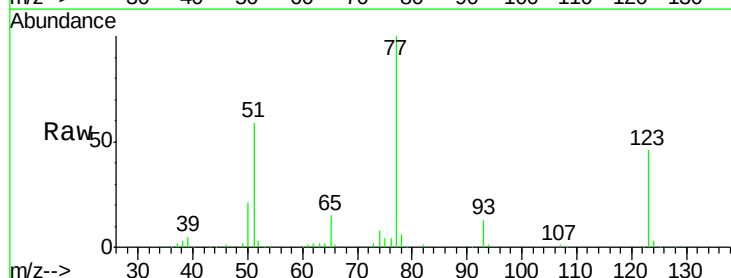


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

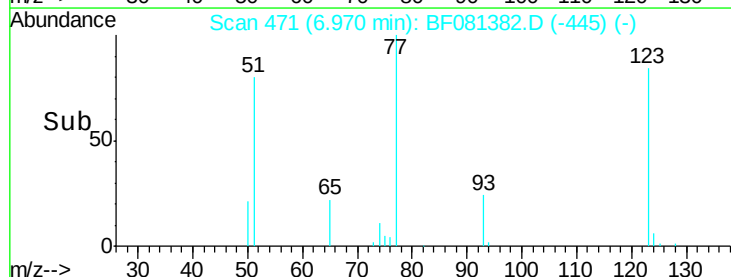
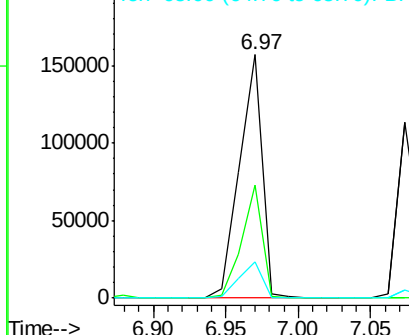


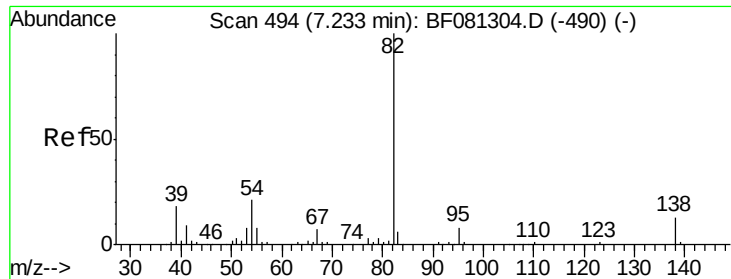
#24
 Nitrobenzene
 Concen: 33.71 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion: 77 Resp: 170733
 Ion Ratio Lower Upper
 77 100
 123 46.3 59.8 89.8#
 65 14.7 10.2 15.4



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





#25

Isophorone

Concen: 30.29 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

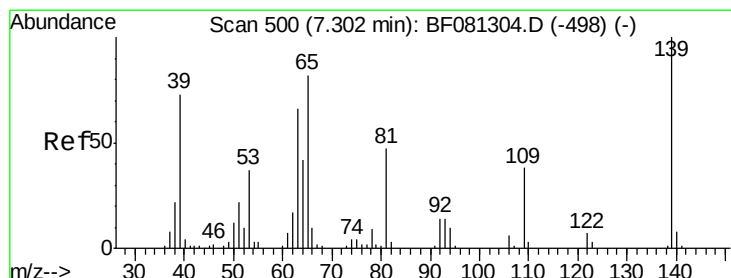
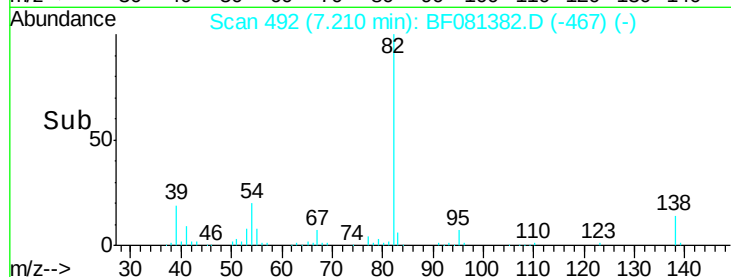
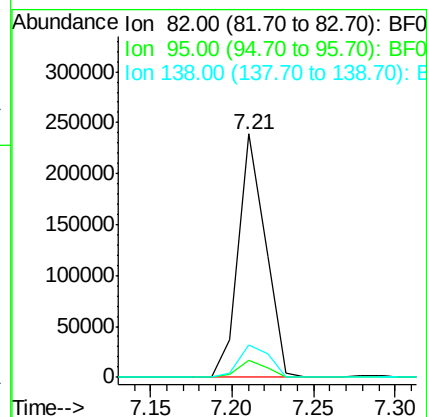
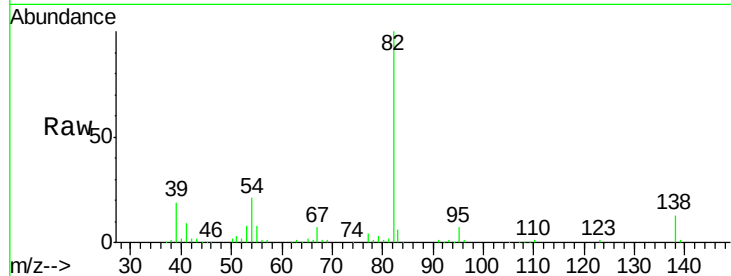
Tot Ion: 82 Resp: 274799

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 13.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 32.93 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

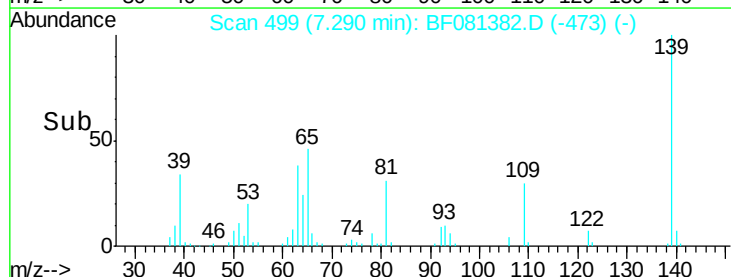
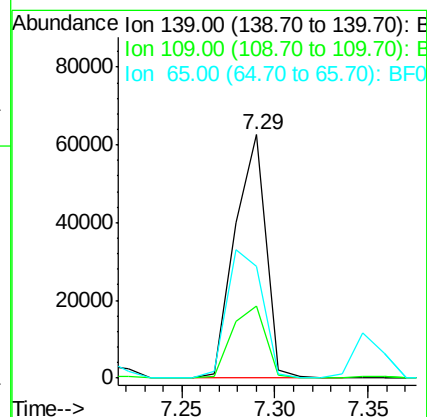
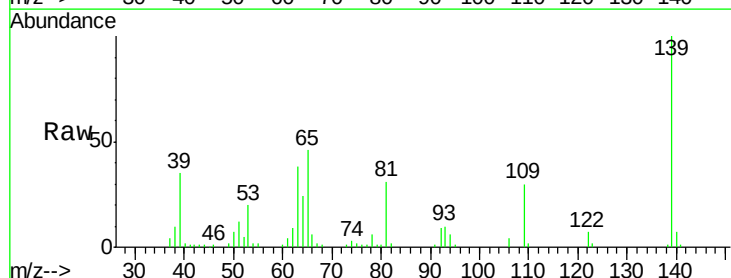
Tgt Ion: 139 Resp: 72688

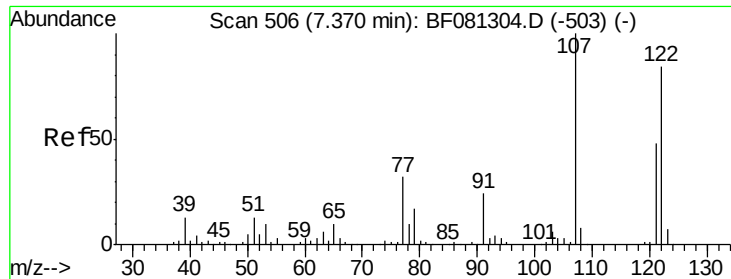
Ion Ratio Lower Upper

139 100

109 29.6 11.0 16.4#

65 46.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 32.25 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

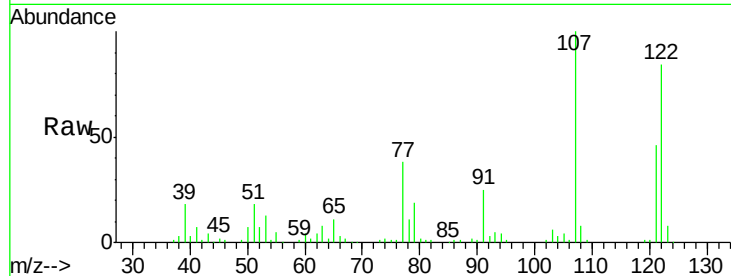
Tot Ion:122 Resp: 122963

Ion Ratio Lower Upper

122 100

107 118.9 71.8 107.6#

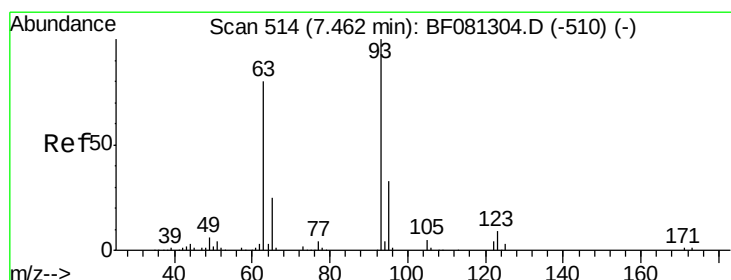
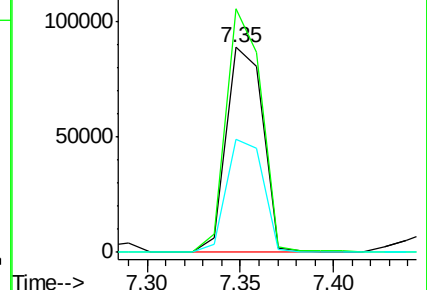
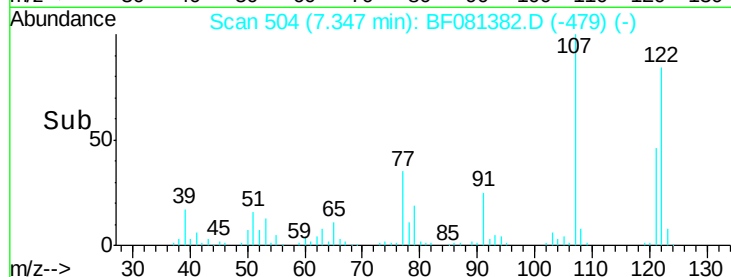
121 55.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.35 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

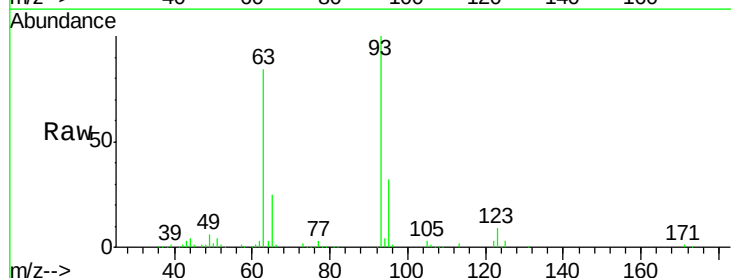
Tgt Ion: 93 Resp: 169527

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

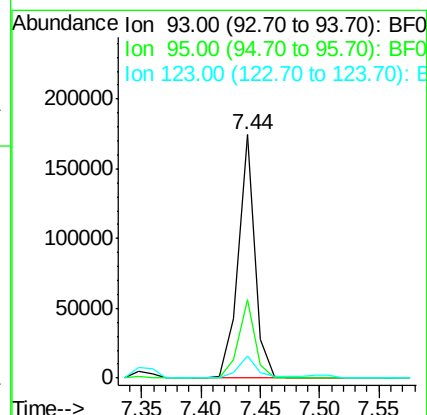
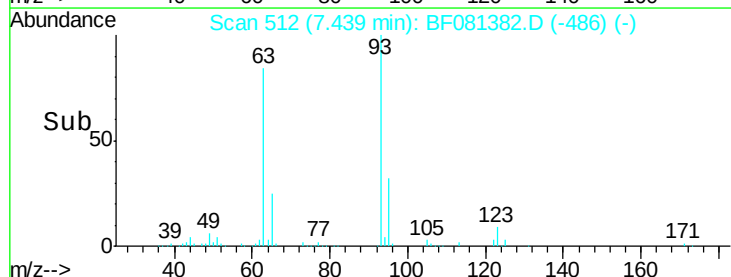
123 9.0 13.7 20.5#

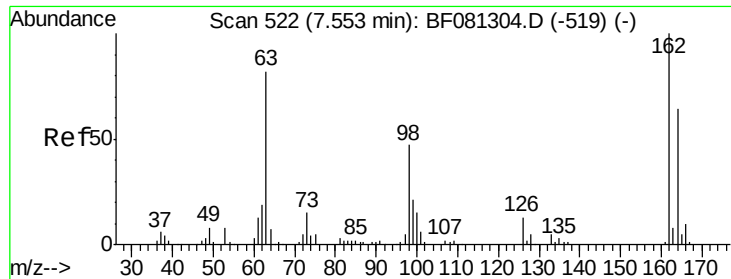


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

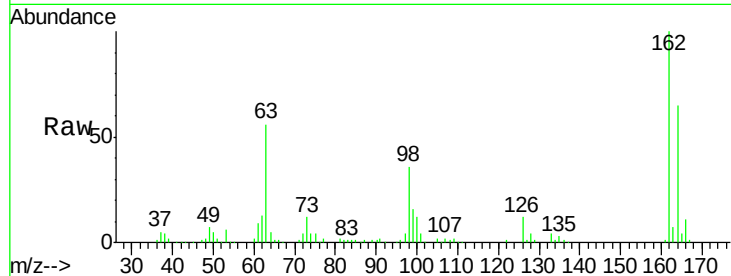




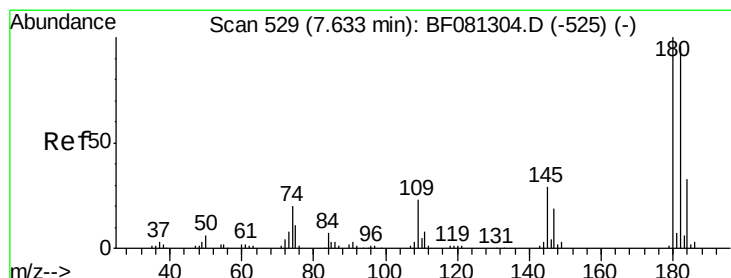
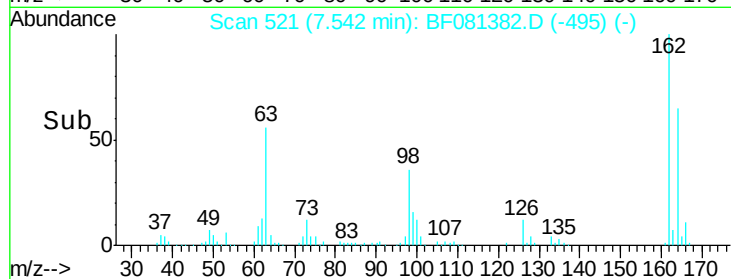
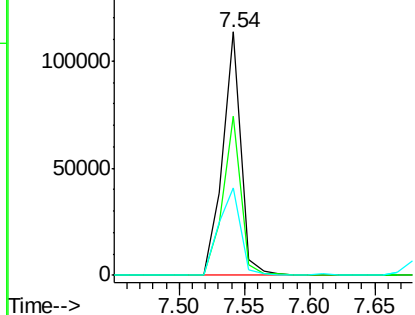
#29
 2,4-Dichlorophenol
 Concen: 33.67 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	36.0	13.0	53.0

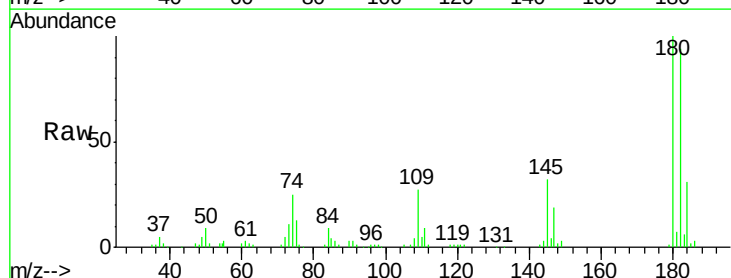


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

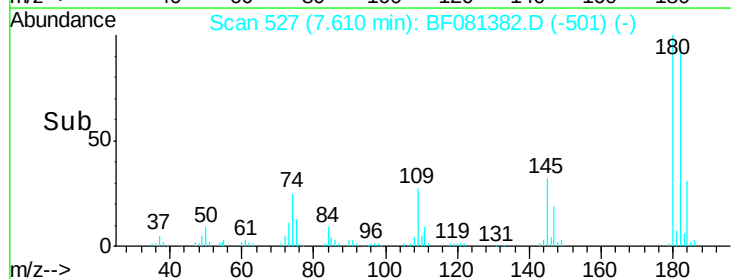
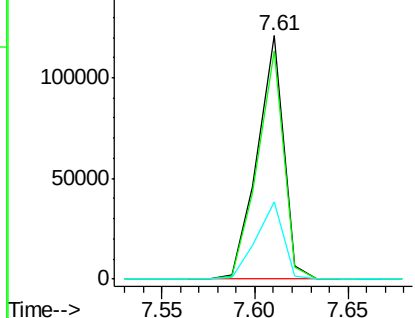


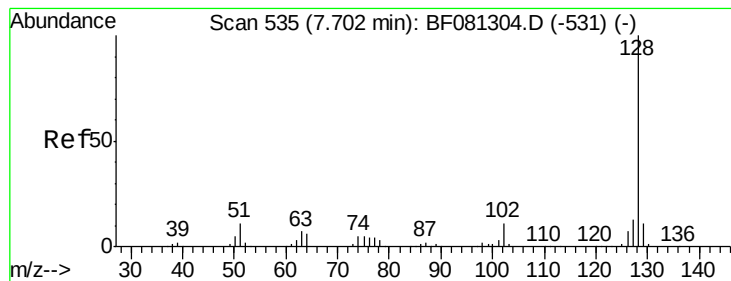
#30
 1,2,4-Trichlorobenzene
 Concen: 33.46 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.1	115.7
145	31.9	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.17 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

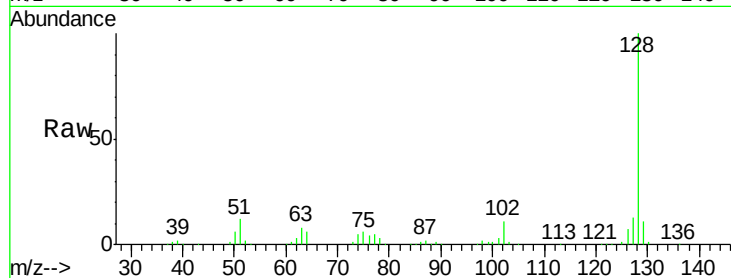
Tot Ion:128 Resp: 378665

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

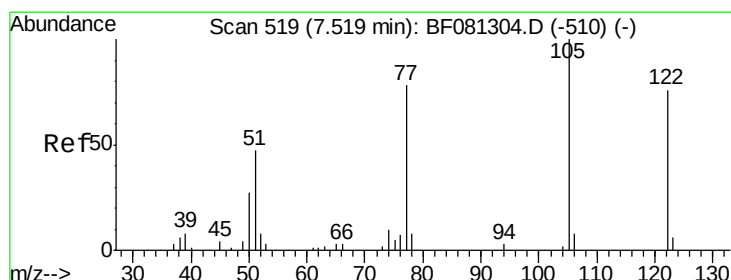
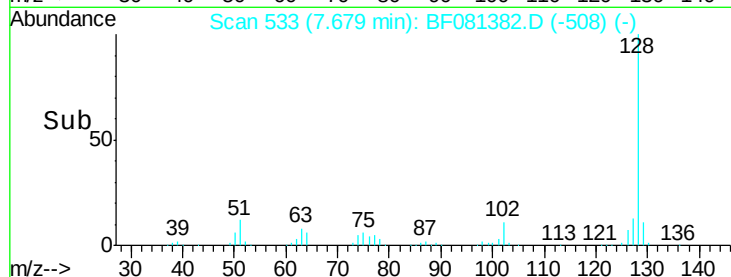
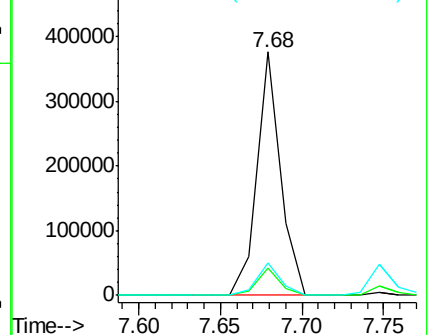
127 13.2 9.9 14.9



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: 28.34 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

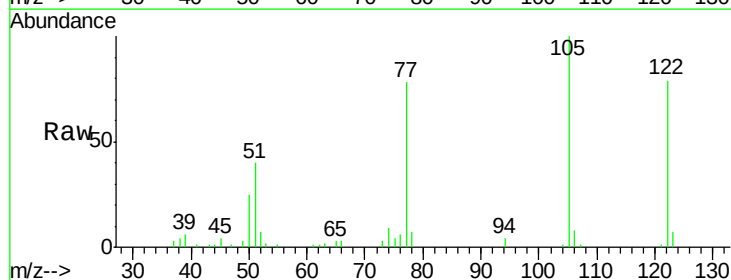
Tgt Ion:122 Resp: 74149

Ion Ratio Lower Upper

122 100

105 127.0 76.1 116.1#

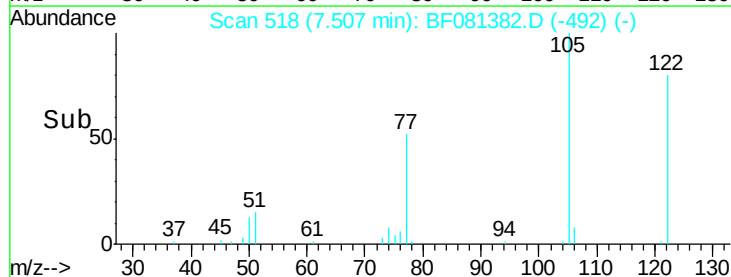
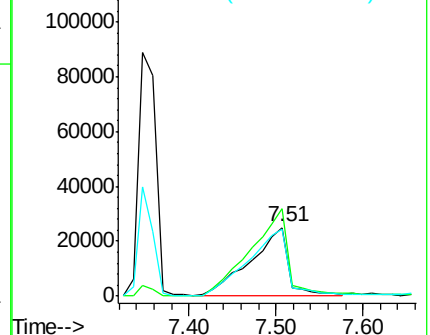
77 98.7 40.5 80.5#

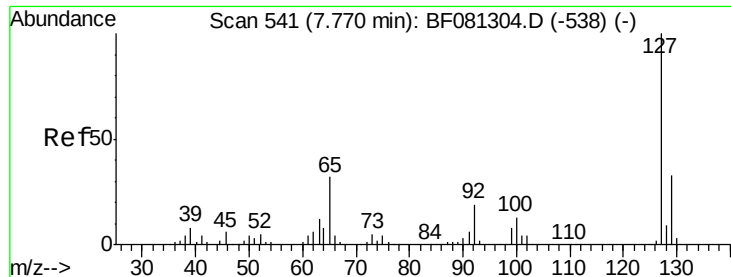


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

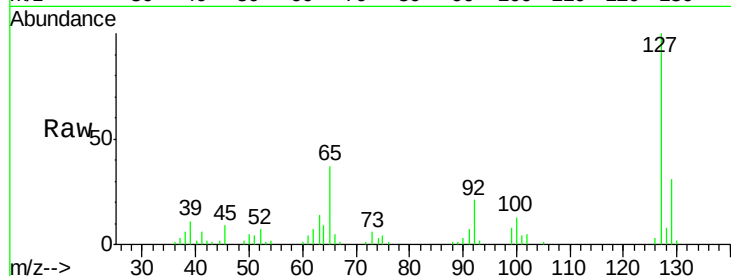




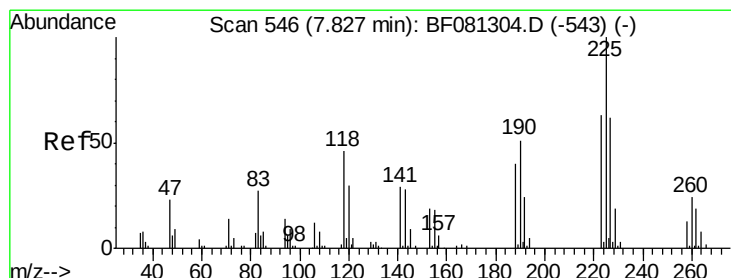
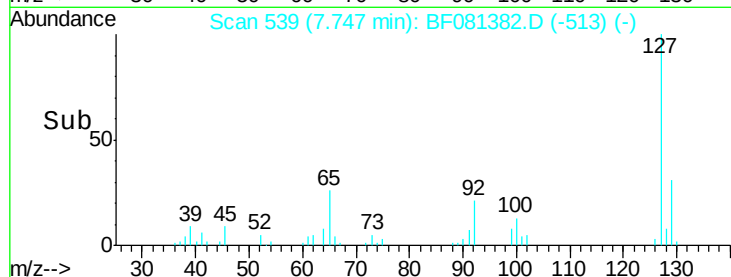
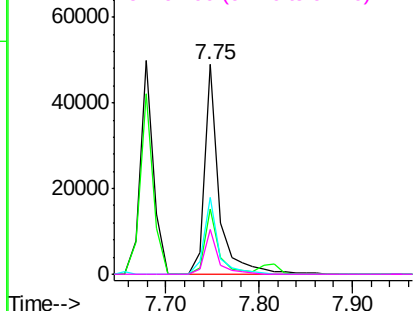
#33
4-Chloroaniline
Concen: 10.40 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Tot Ion:	127	Resp:	53218
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.6
65	36.8	17.9	26.9#
92	21.3	10.5	15.7#

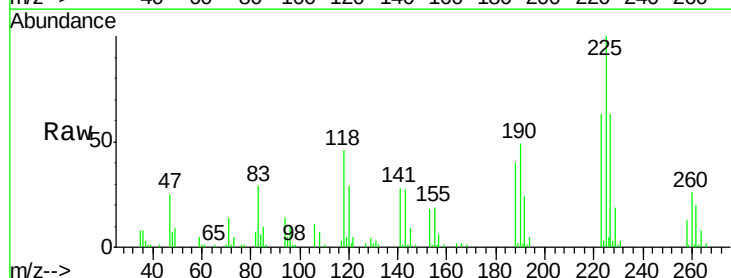


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

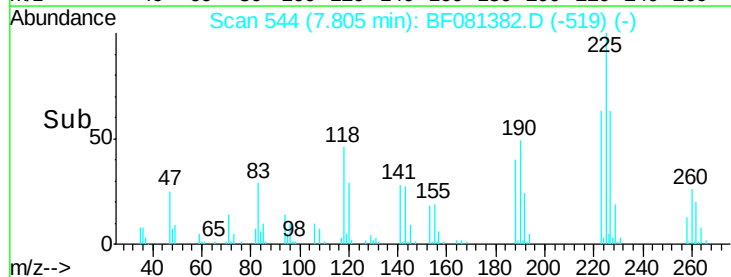
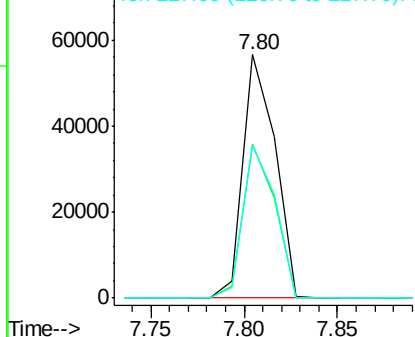


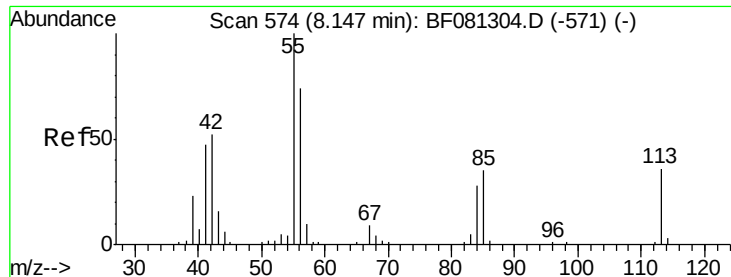
#34
Hexachlorobutadiene
Concen: 30.87 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:	225	Resp:	67477
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	62.7	52.2	78.2



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





#35

Caprolactam

Concen: 22.33 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

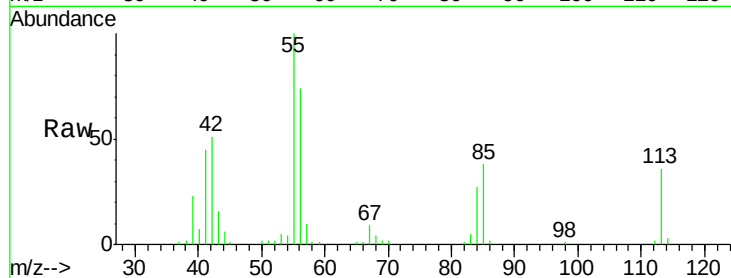
Tot Ion:113 Resp: 22644

Ion Ratio Lower Upper

113 100

55 275.5 152.4 192.4#

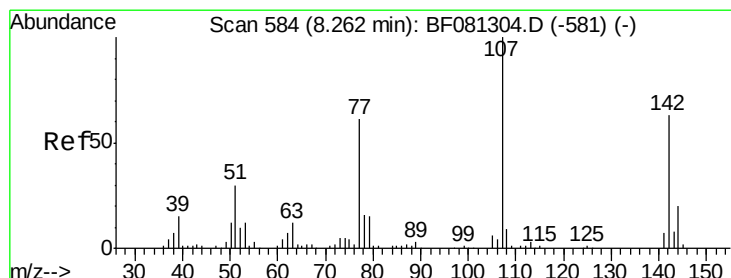
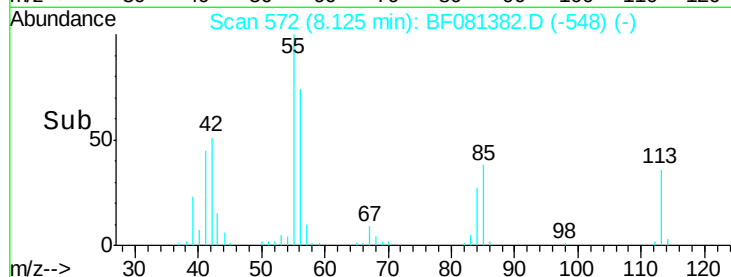
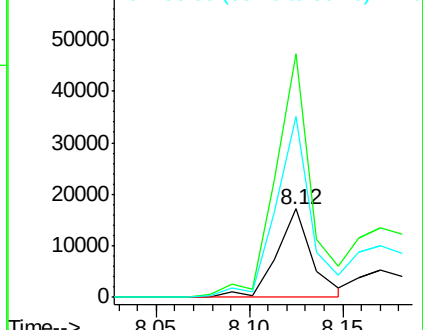
56 204.5 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.84 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

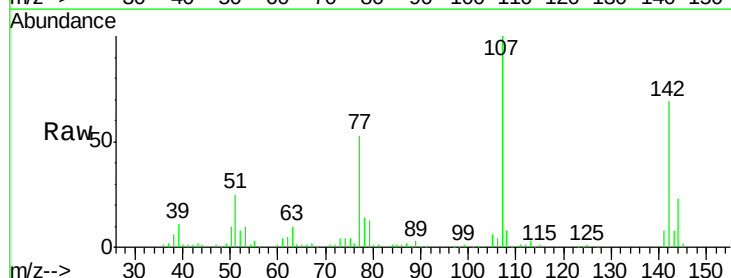
Tgt Ion:107 Resp: 143746

Ion Ratio Lower Upper

107 100

144 22.7 25.4 38.0#

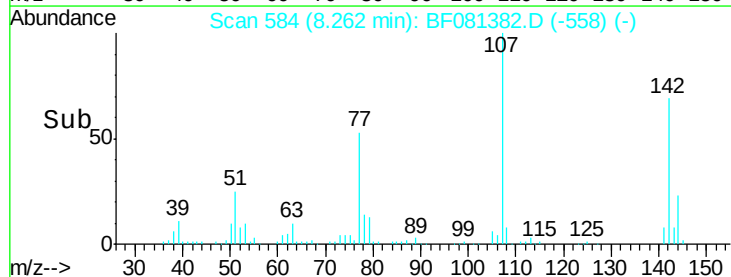
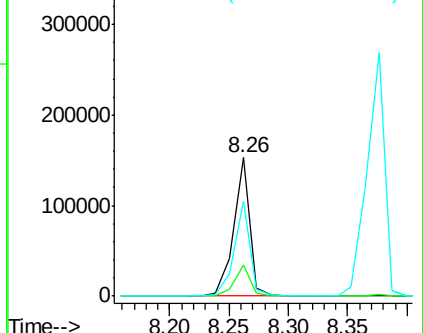
142 69.2 77.3 115.9#

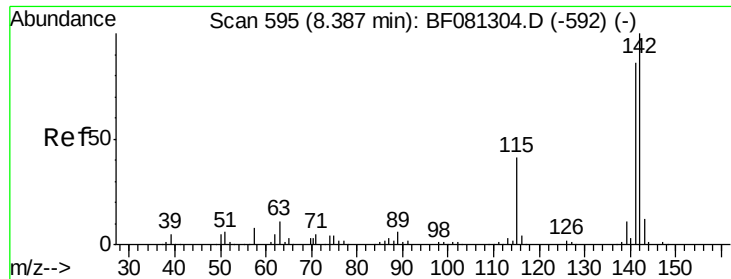


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

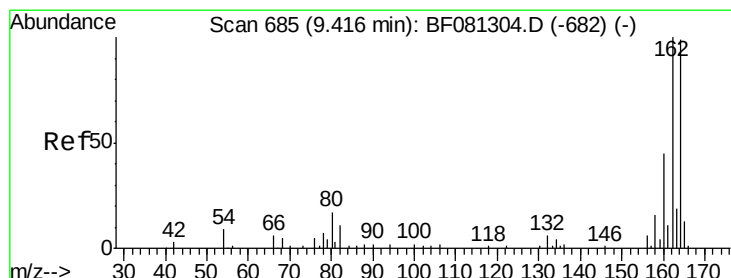
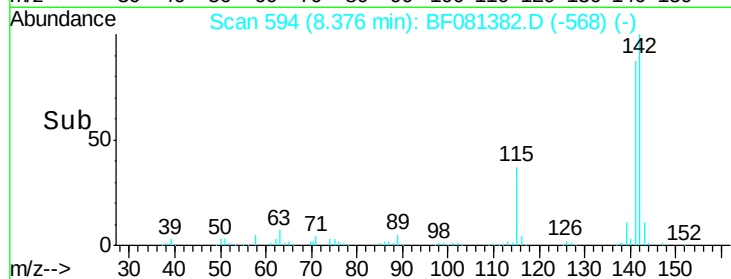
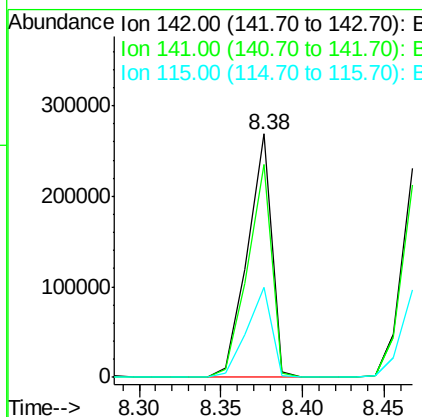
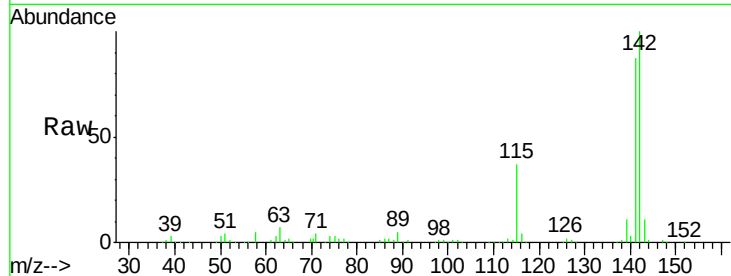




#37
 2-Methylnaphthalene
 Concen: 34.09 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

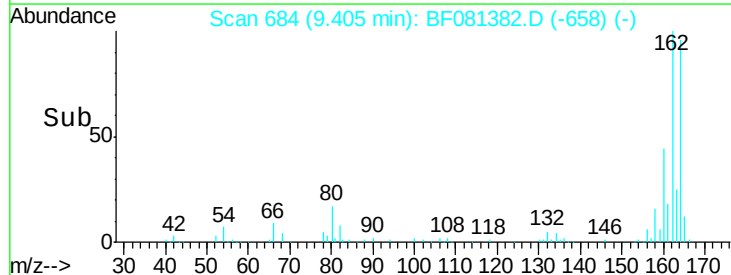
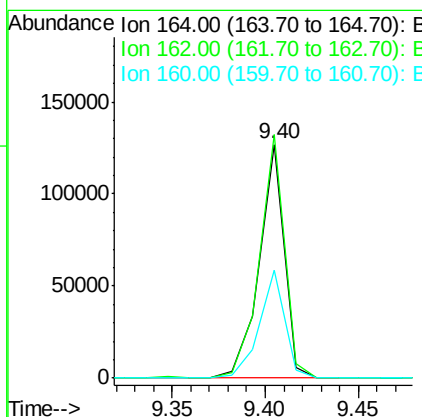
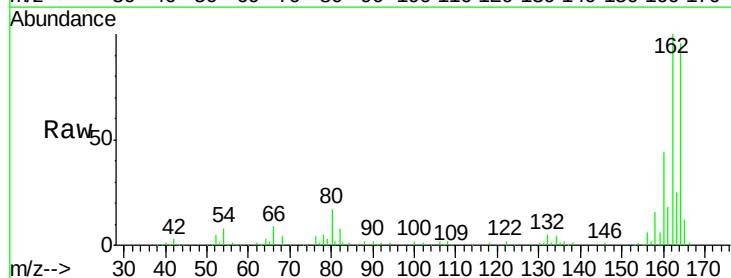
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

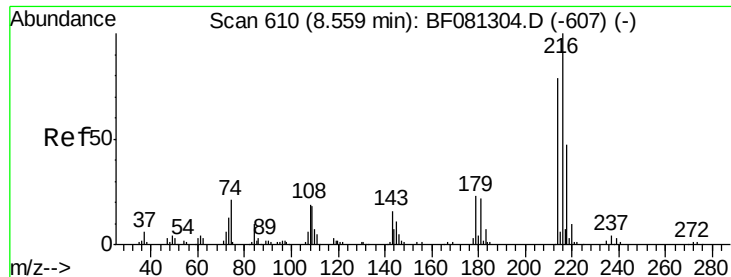
Tot Ion:142 Resp: 278387
 Ion Ratio Lower Upper
 142 100
 141 87.4 67.5 101.3
 115 37.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:164 Resp: 116308
 Ion Ratio Lower Upper
 164 100
 162 104.2 75.2 112.8
 160 46.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.89 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

Tot Ion:216 Resp: 106282

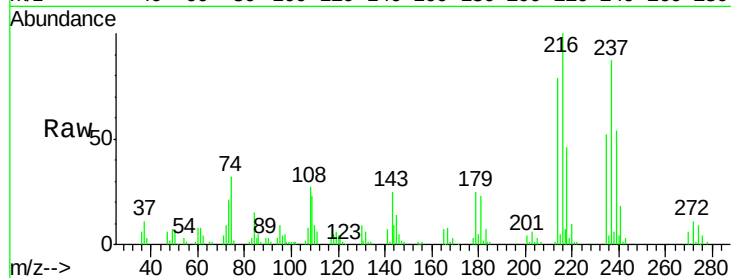
Ion Ratio Lower Upper

216 100

214 77.2 63.5 95.3

179 21.8 16.6 24.8

108 23.4 16.3 24.5

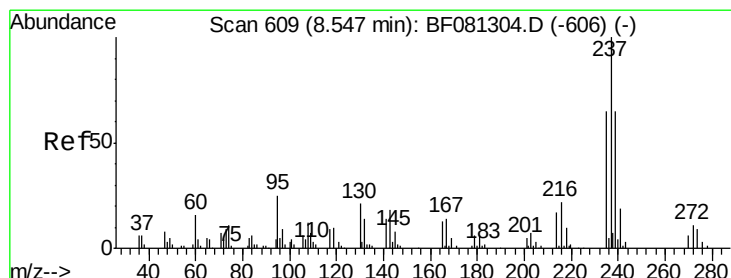
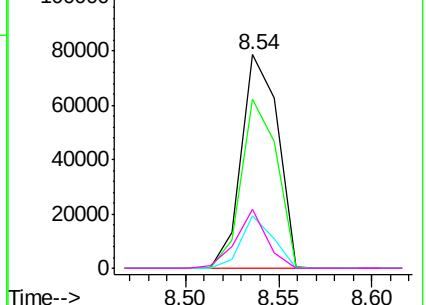
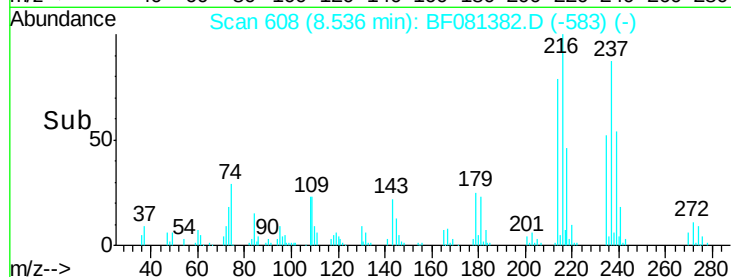


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.49 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

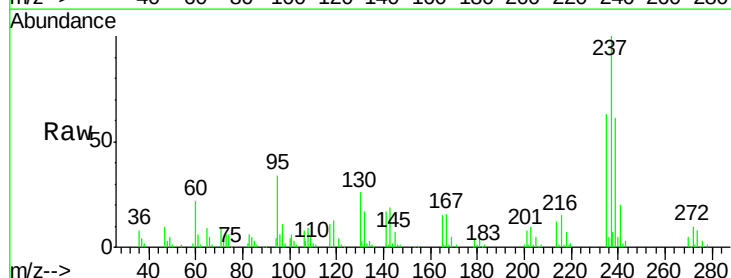
Tgt Ion:237 Resp: 112805

Ion Ratio Lower Upper

237 100

235 62.9 42.0 82.0

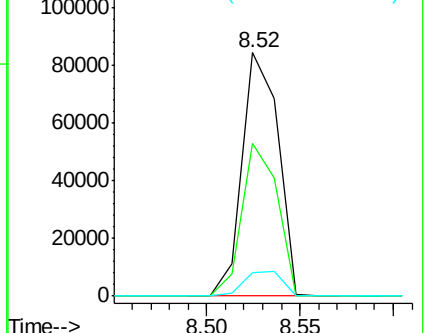
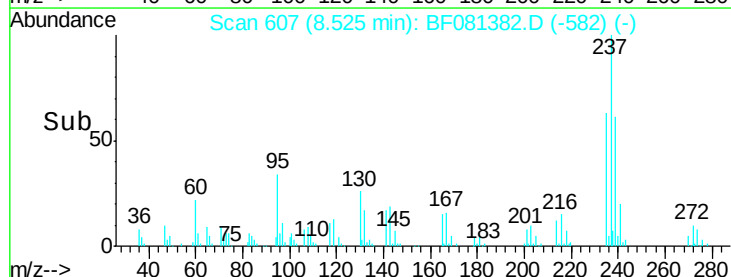
272 9.7 0.0 36.1

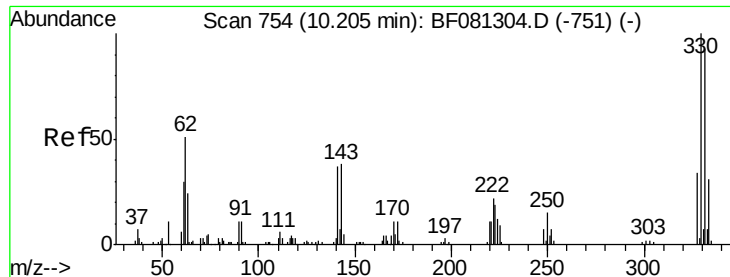


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

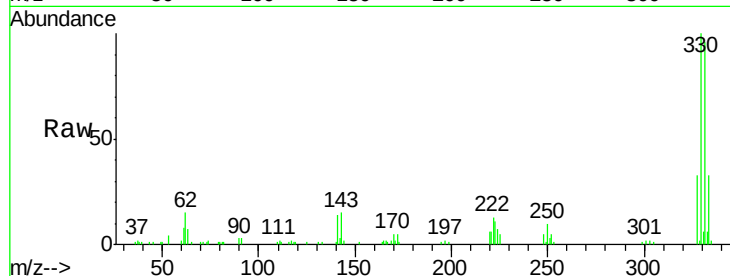




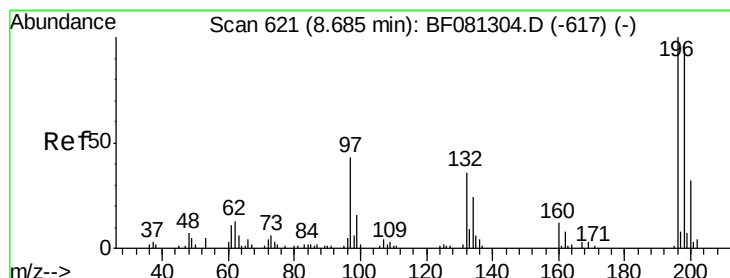
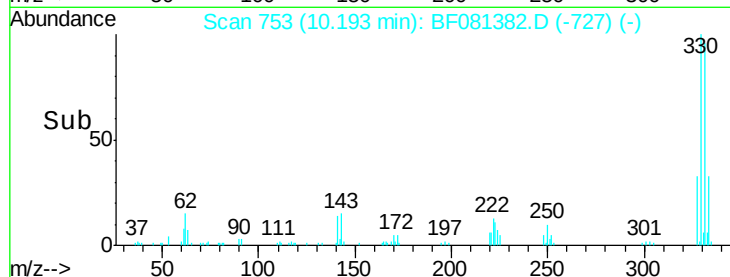
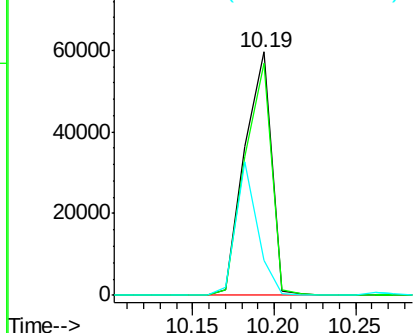
#41
 2,4,6-Tribromophenol
 Concen: 65.61 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion:330 Resp: 67950
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 44.2 29.7 44.5

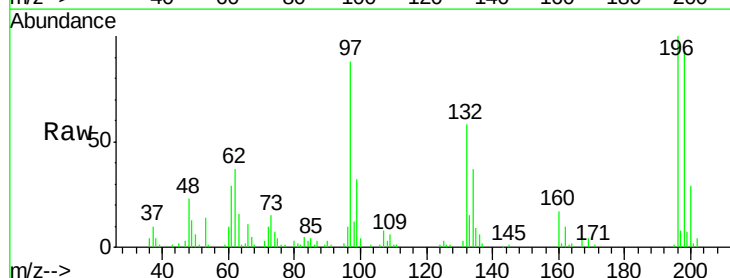


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

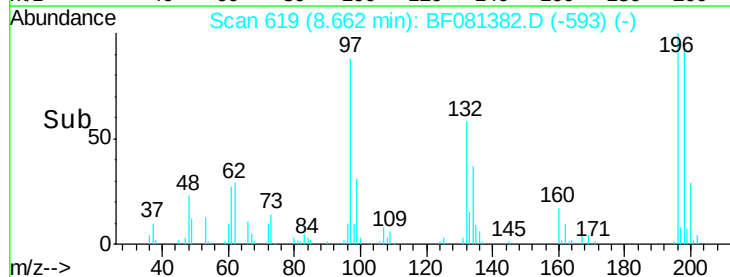
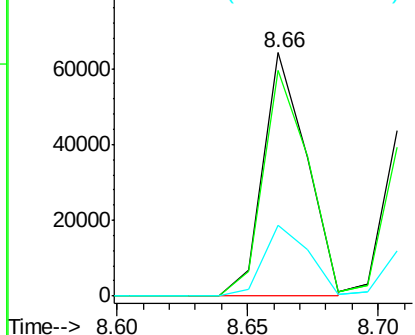


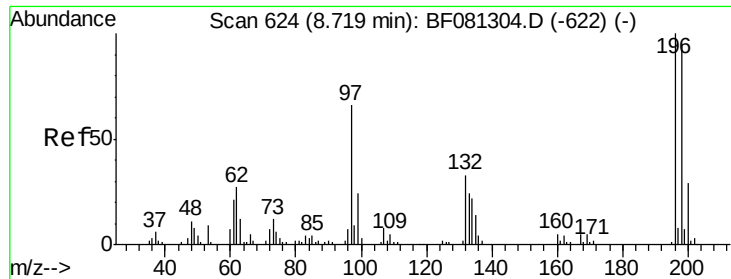
#42
 2,4,6-Trichlorophenol
 Concen: 29.40 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:196 Resp: 74630
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 28.9 23.9 35.9



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

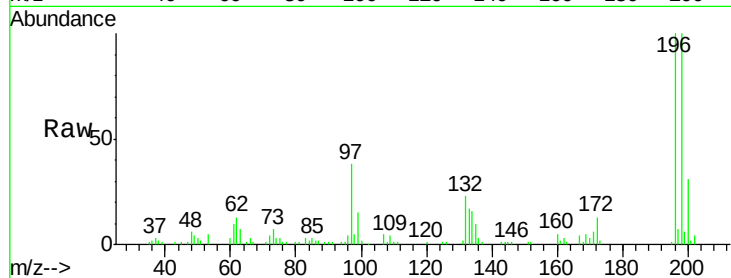




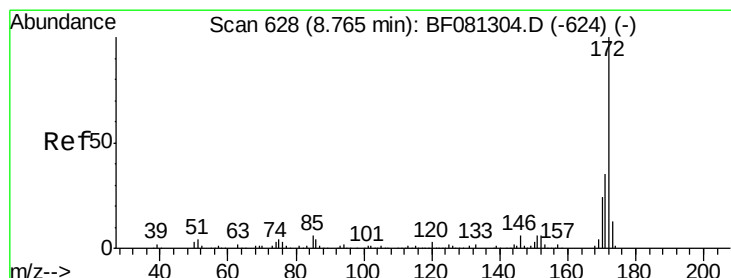
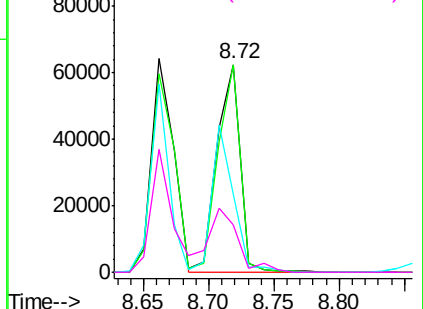
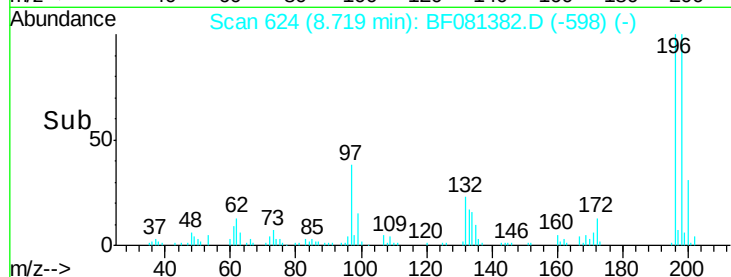
#43
 2,4,5-Trichlorophenol
 Concen: 30.13 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	75.4	113.0
97	37.6	33.3	49.9
132	23.0	24.6	37.0

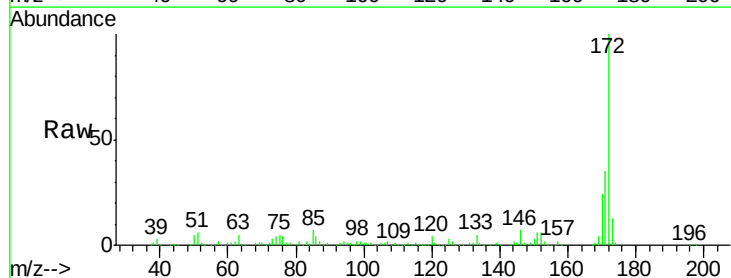


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

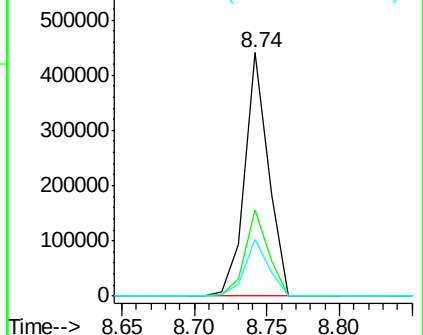
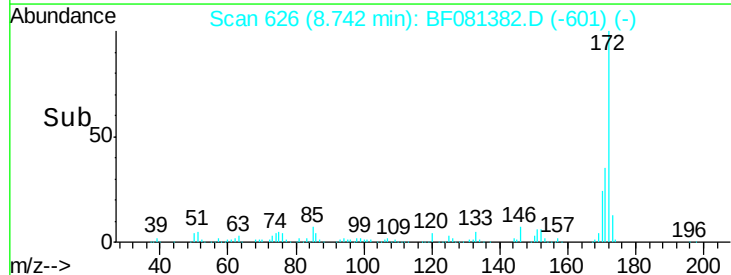


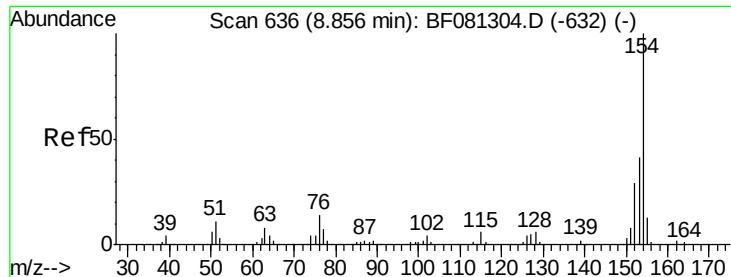
#44
 2-Fluorobiphenyl
 Concen: 55.08 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.6	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 31.27 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

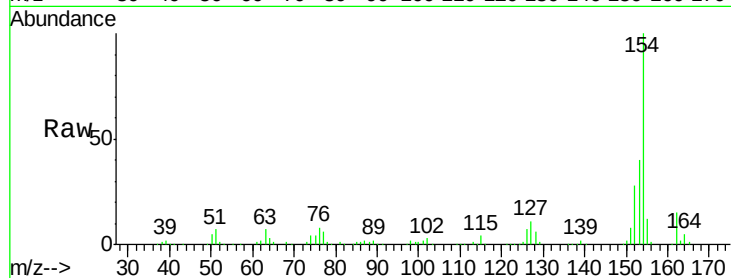
Tot Ion:154 Resp: 334590

Ion Ratio Lower Upper

154 100

153 39.7 17.1 57.1

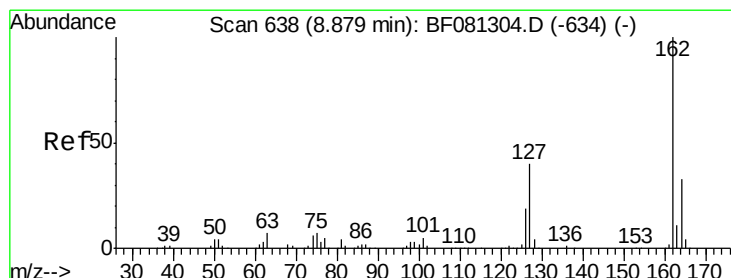
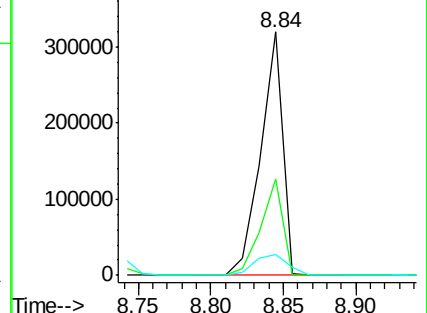
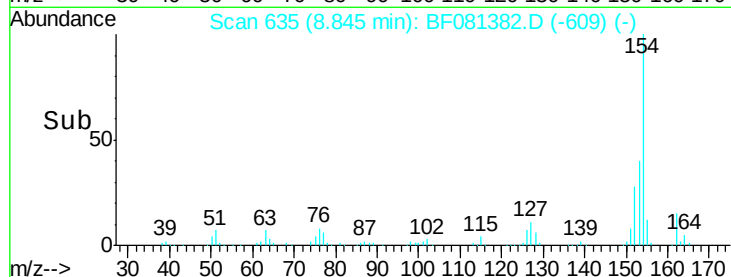
76 8.5 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 30.57 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

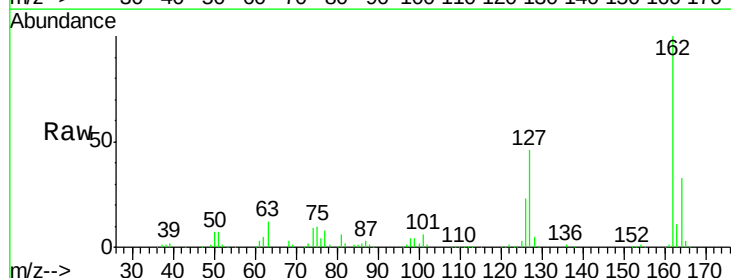
Tgt Ion:162 Resp: 236224

Ion Ratio Lower Upper

162 100

127 46.4 27.6 41.4#

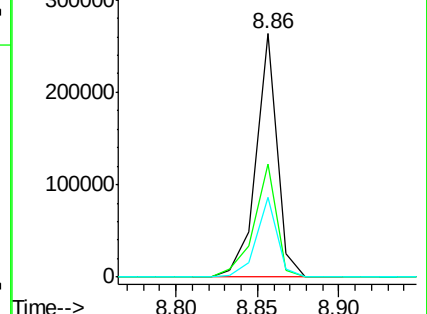
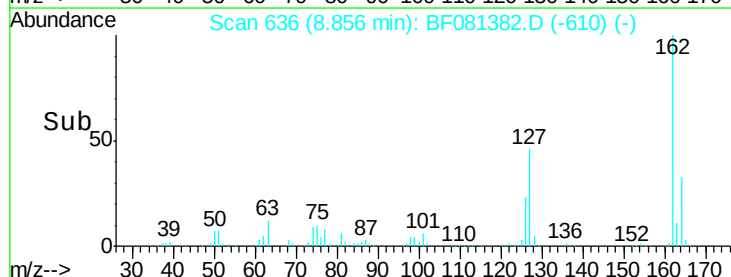
164 32.8 25.4 38.2

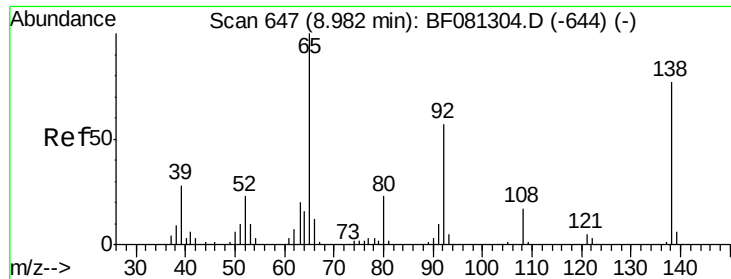


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.89 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

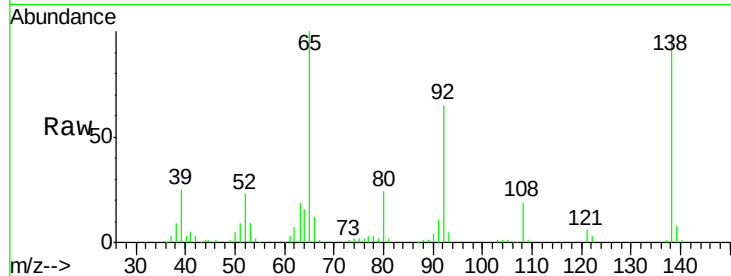
Tot Ion: 65 Resp: 109870

Ion Ratio Lower Upper

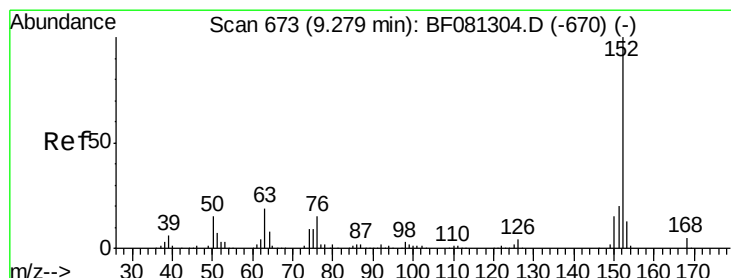
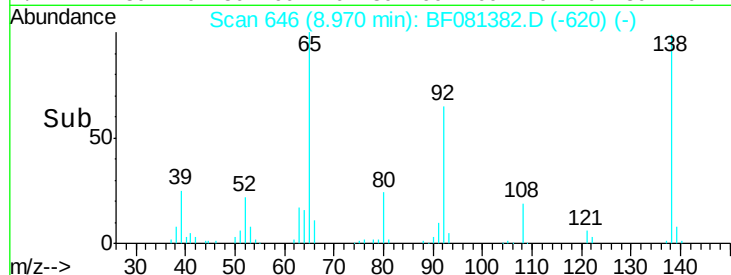
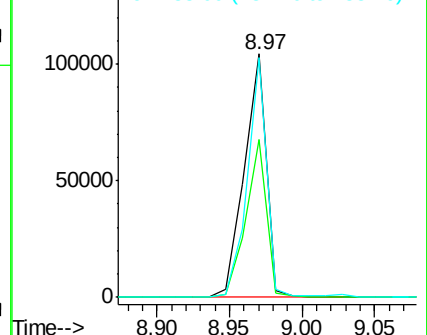
65 100

92 65.0 55.4 83.0

138 98.5 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 30.56 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

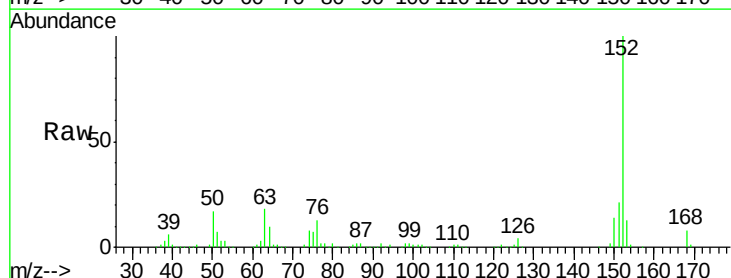
Tgt Ion: 152 Resp: 418940

Ion Ratio Lower Upper

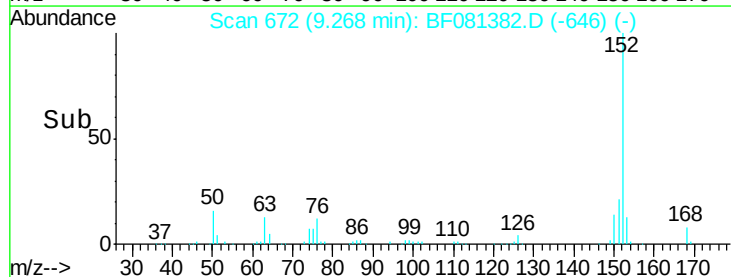
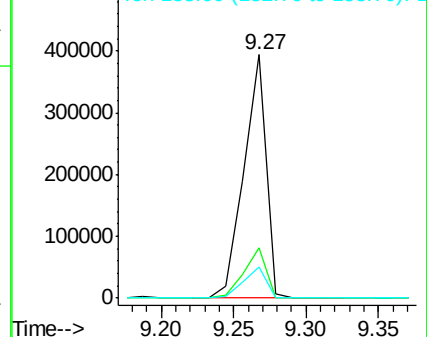
152 100

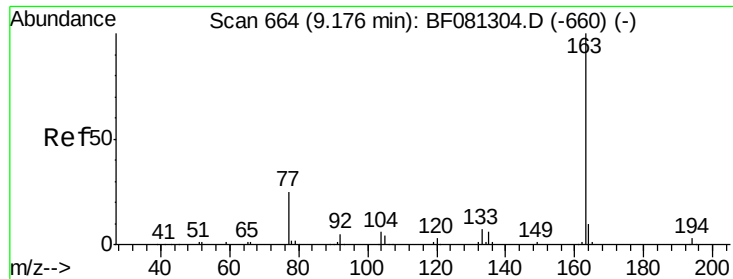
151 20.5 14.6 22.0

153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

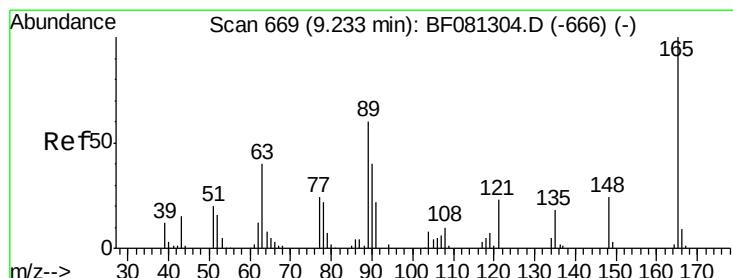
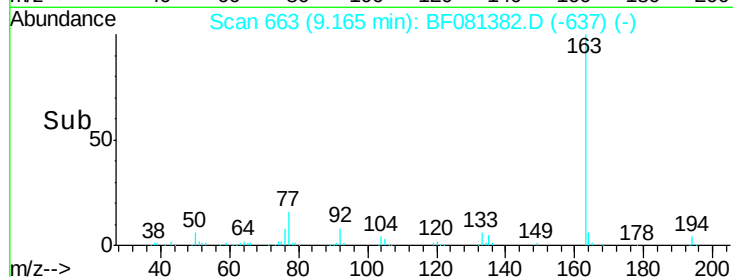
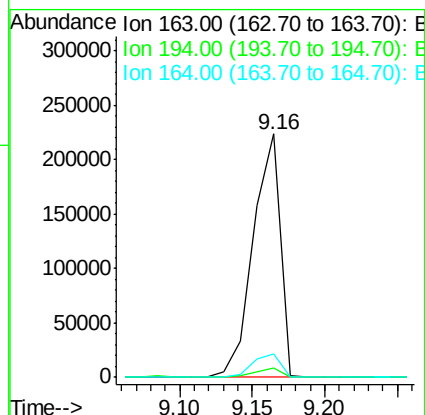
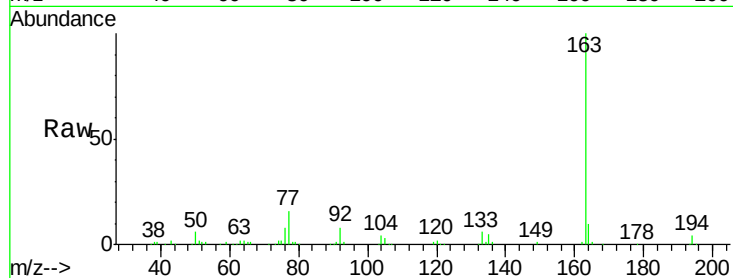




#49
Dimethylphthalate
Concen: 32.05 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

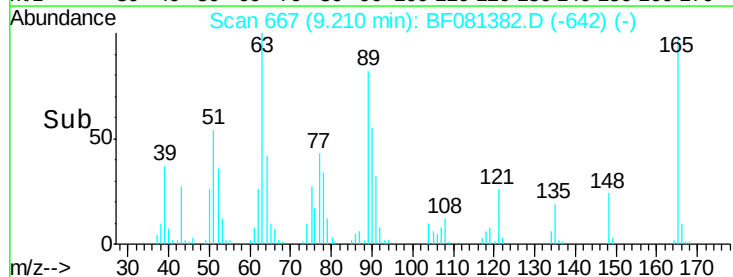
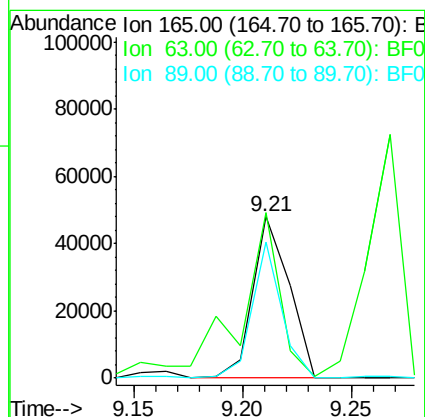
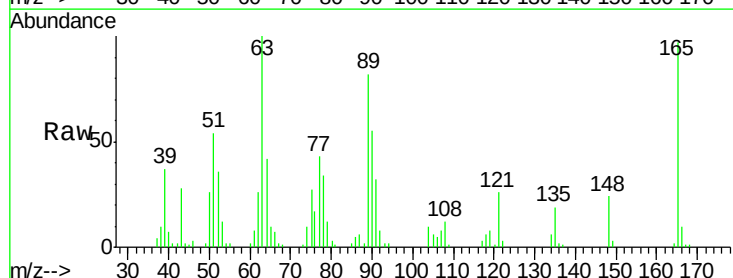
Instrument :
BNA_F
ClientSampleId :
PB85360BSD

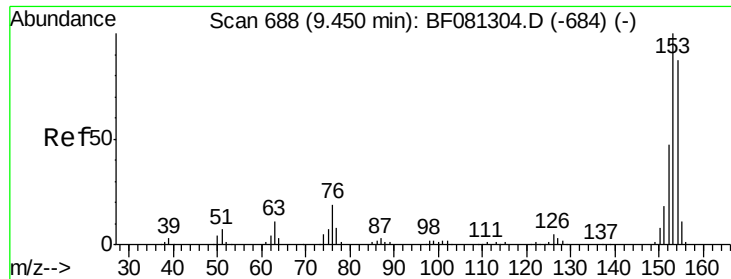
Tot Ion:163 Resp: 289667
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 27.34 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:165 Resp: 56081
Ion Ratio Lower Upper
165 100
63 102.8 32.3 48.5#
89 84.6 28.6 43.0#





#51

Acenaphthene

Concen: 32.52 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

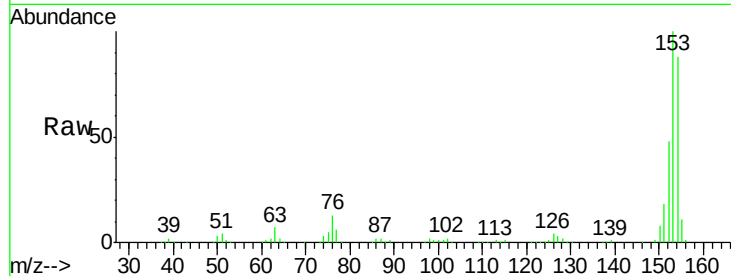
Tot Ion:154 Resp: 253582

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

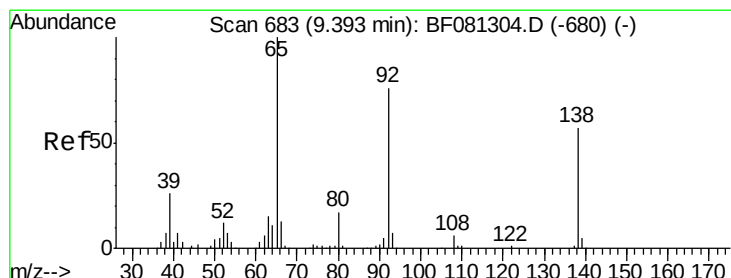
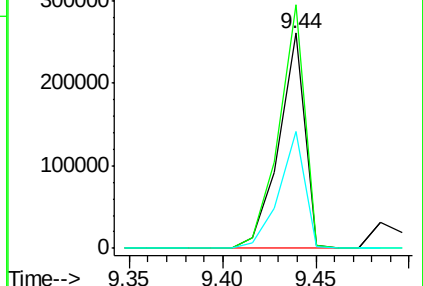
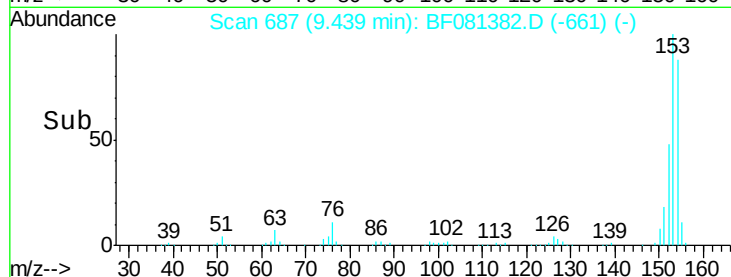
152 54.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.07 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

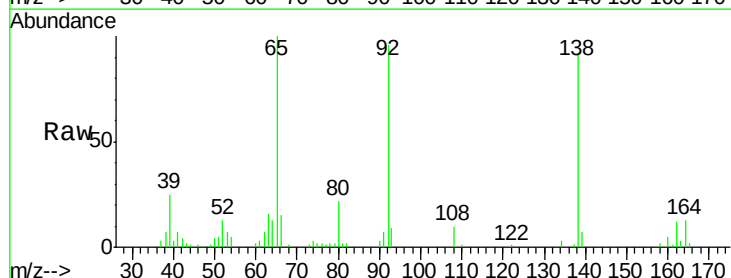
Tgt Ion:138 Resp: 35186

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

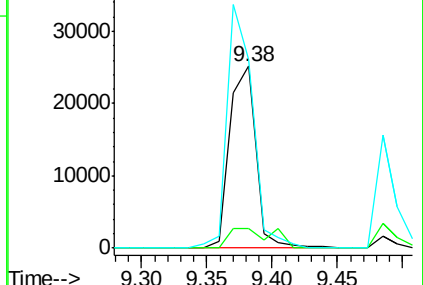
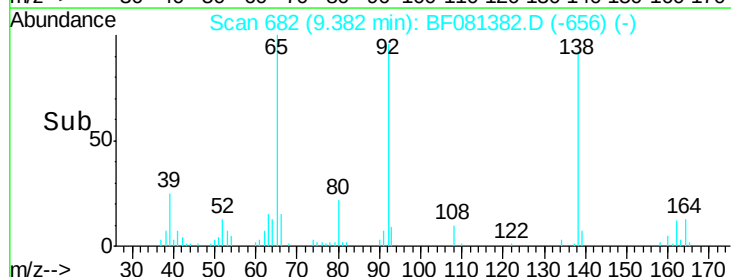
92 103.5 67.7 101.5#

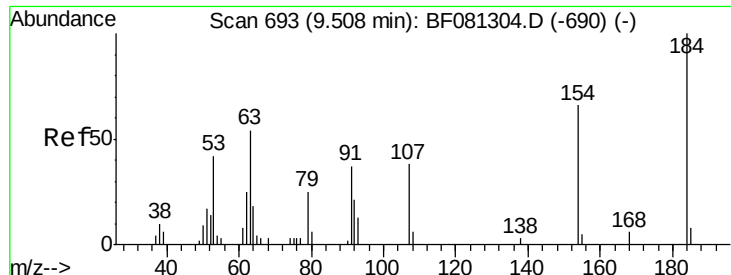


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

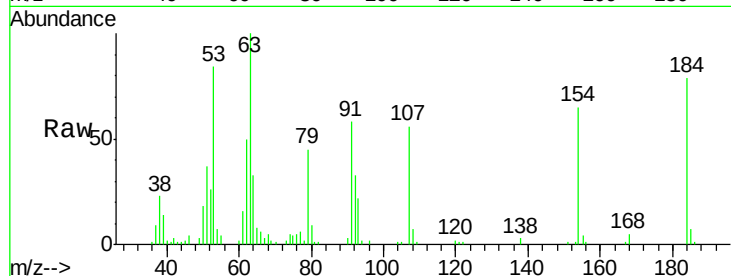




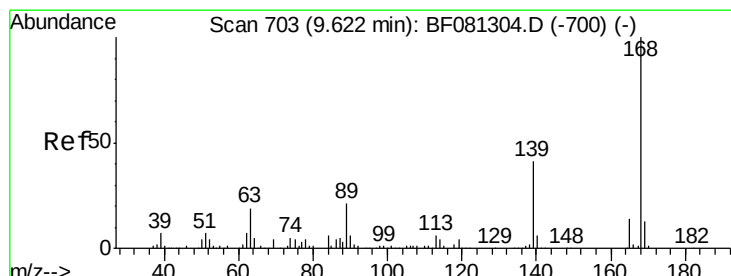
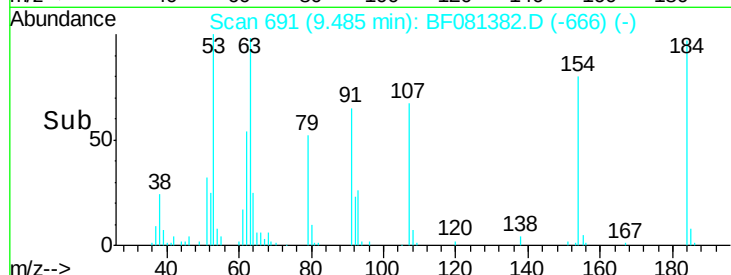
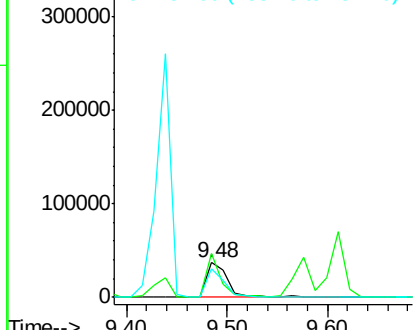
#53
 2,4-Dinitrophenol
 Concen: 63.49 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion:184 Resp: 54848
 Ion Ratio Lower Upper
 184 100
 63 127.3 35.4 53.2#
 154 83.0 32.2 48.4#

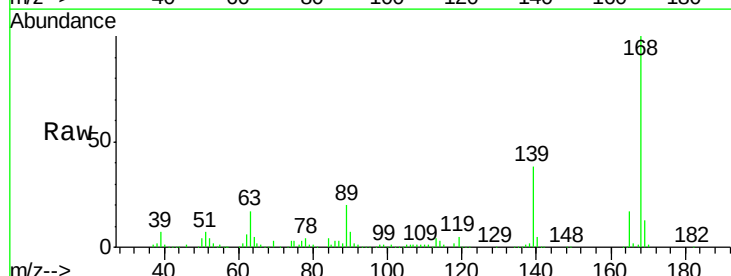


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

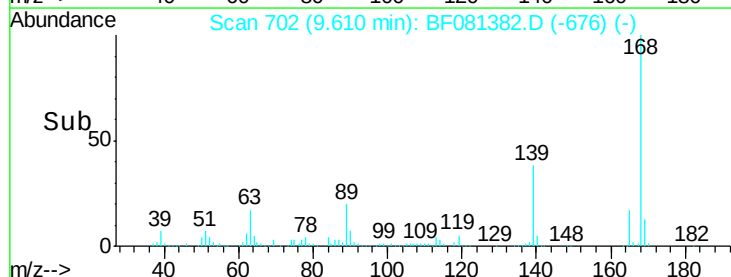
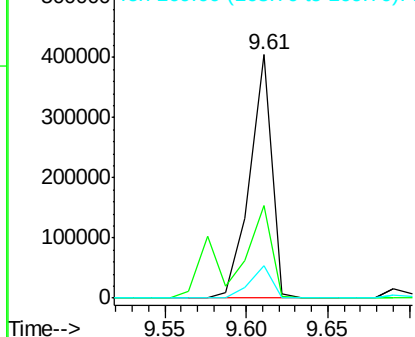


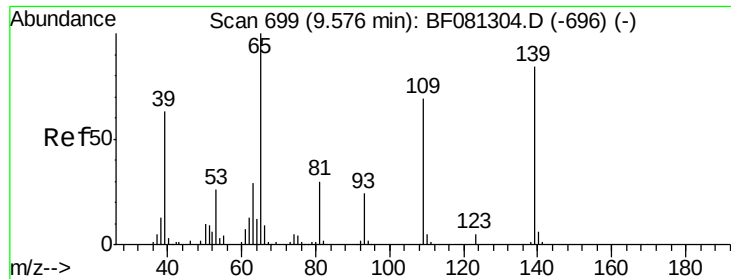
#54
 Dibenzofuran
 Concen: 33.41 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:168 Resp: 380506
 Ion Ratio Lower Upper
 168 100
 139 38.2 24.2 36.2#
 169 13.2 10.6 15.8



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

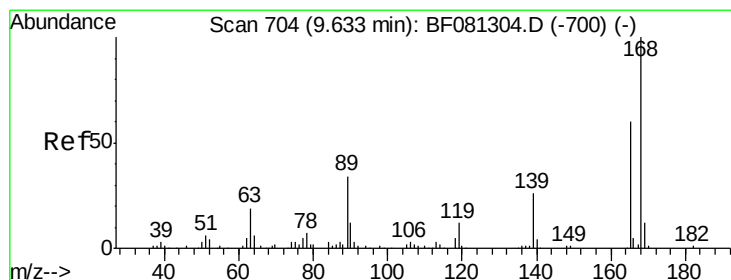
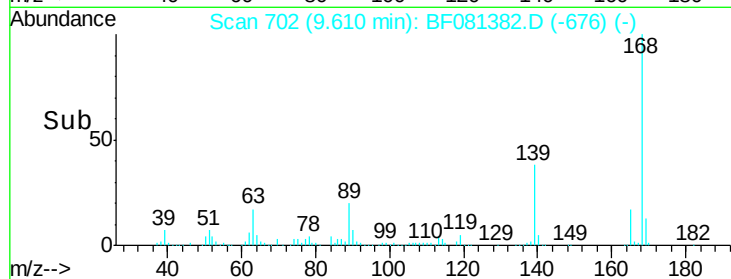
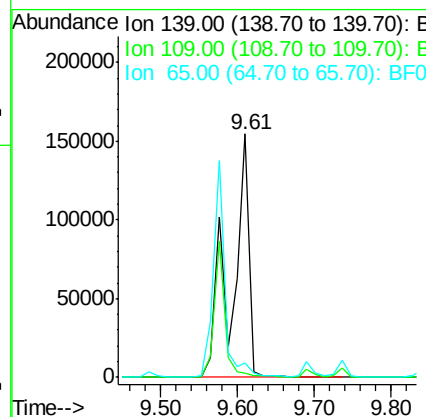
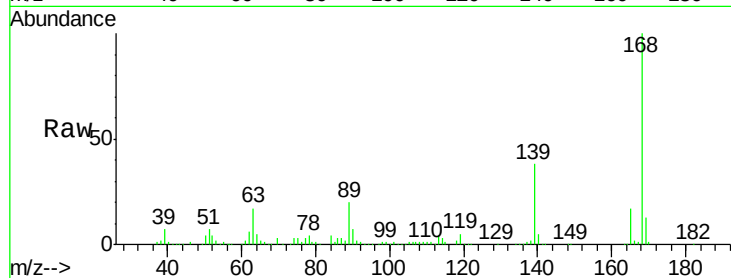




#55
4-Nitrophenol
Concen: 168.50 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

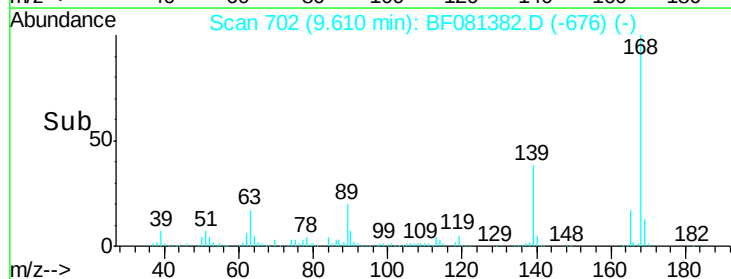
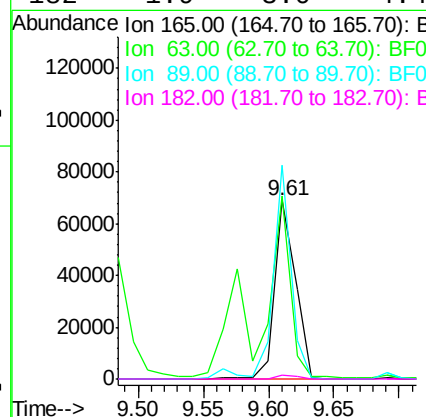
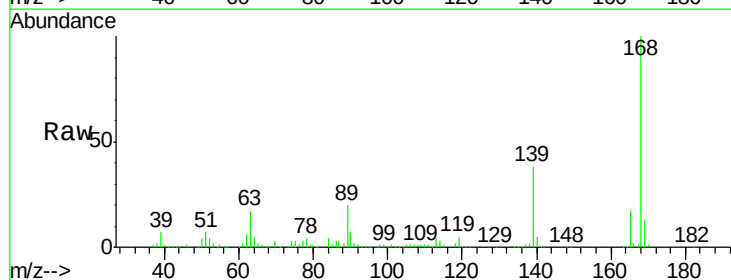
Instrument :
BNA_F
ClientSampleId :
PB85360BSD

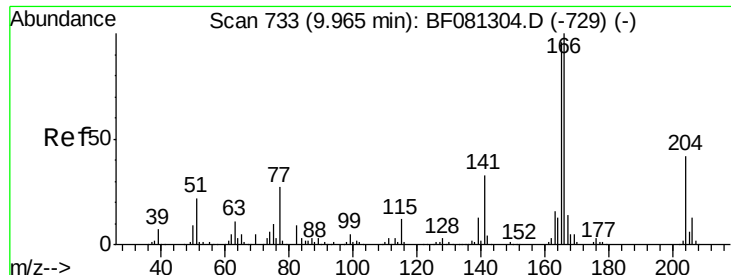
Tot Ion:139 Resp: 247167
Ion Ratio Lower Upper
139 100
109 1.9 12.7 52.7#
65 6.2 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 29.57 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:165 Resp: 77223
Ion Ratio Lower Upper
165 100
63 102.1 29.8 44.6#
89 119.5 44.5 66.7#
182 1.9 3.0 4.4#

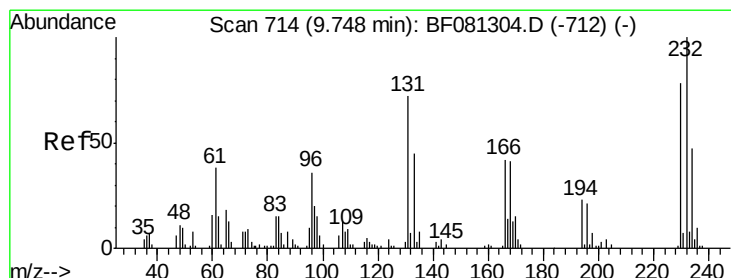
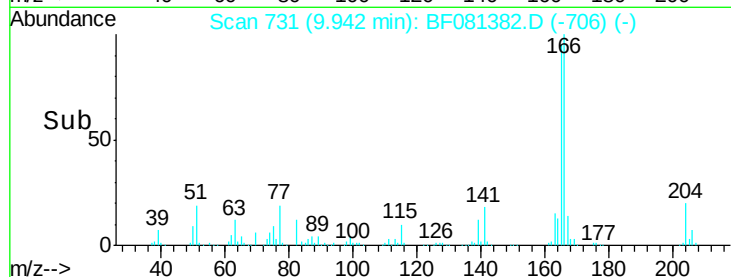
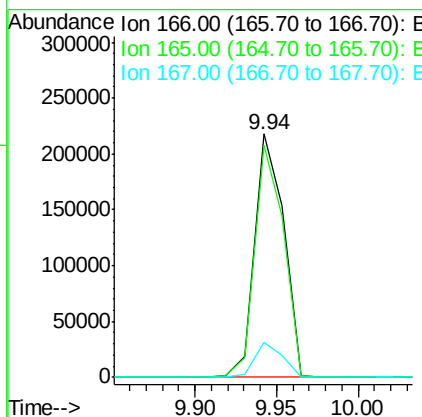
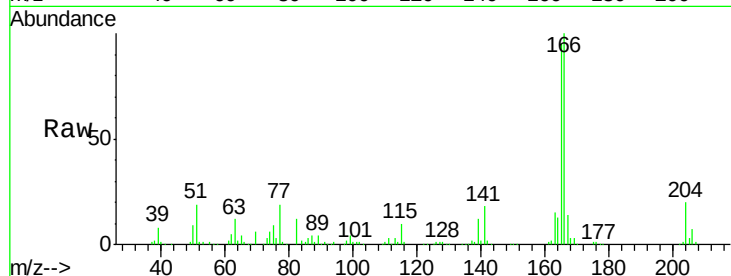




#57
 Fluorene
 Concen: 31.18 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

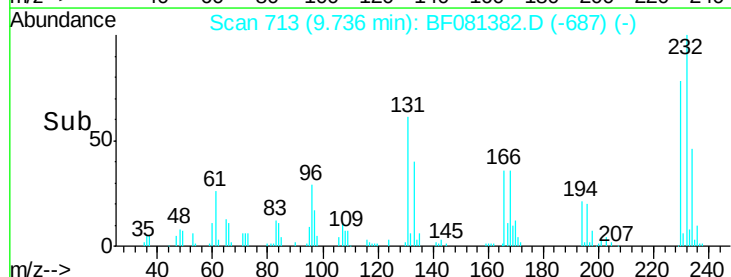
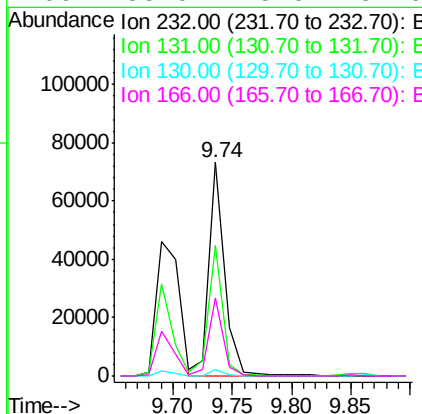
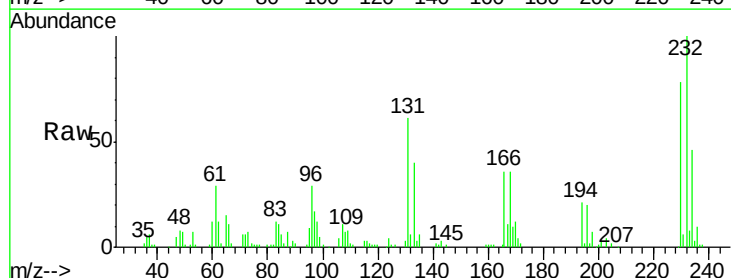
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

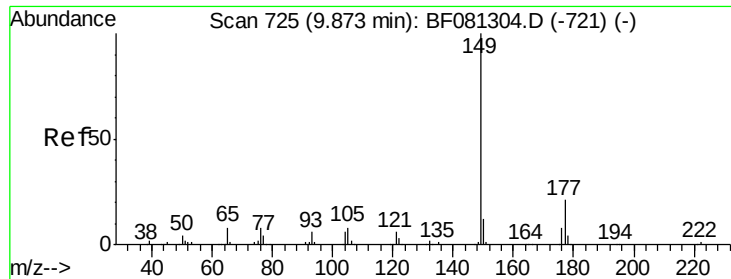
Tot Ion:166 Resp: 269451
 Ion Ratio Lower Upper
 166 100
 165 95.2 72.6 109.0
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.22 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:232 Resp: 67670
 Ion Ratio Lower Upper
 232 100
 131 55.5 38.5 57.7
 130 2.7 1.8 2.6#
 166 33.0 25.0 37.6

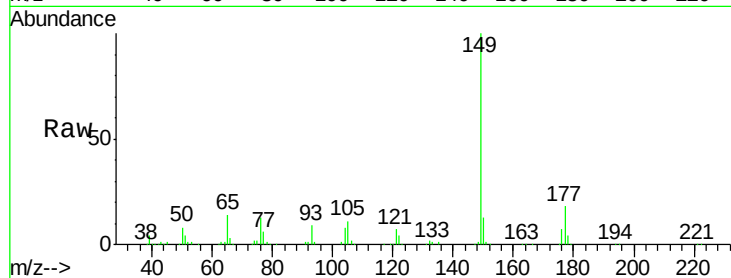




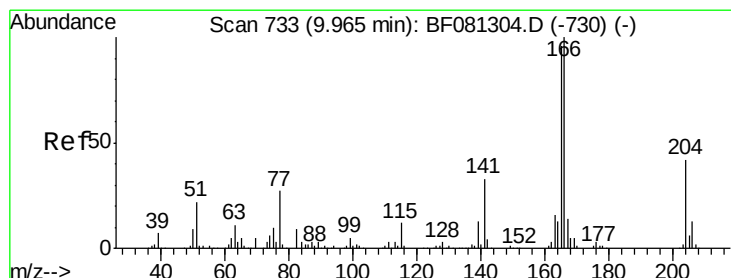
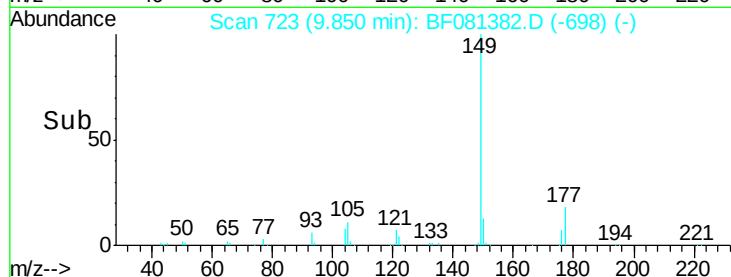
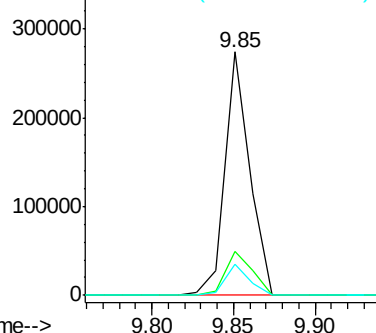
#59
Diethylphthalate
Concen: 30.35 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Tot Ion:149 Resp: 288523
Ion Ratio Lower Upper
149 100
177 18.2 17.5 26.3
150 12.8 9.4 14.2

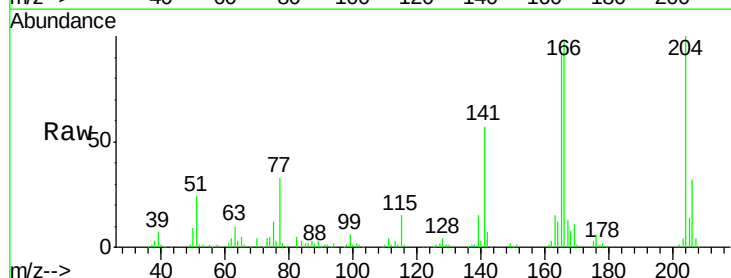


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

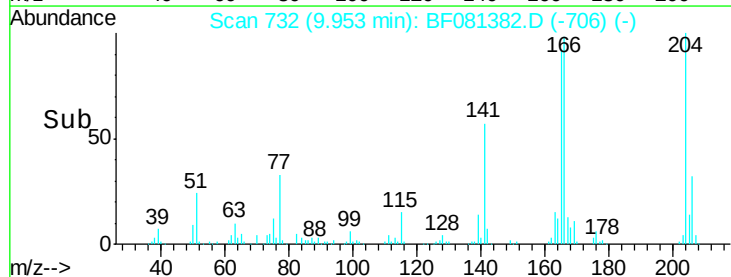
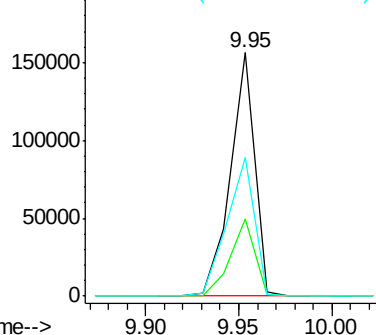


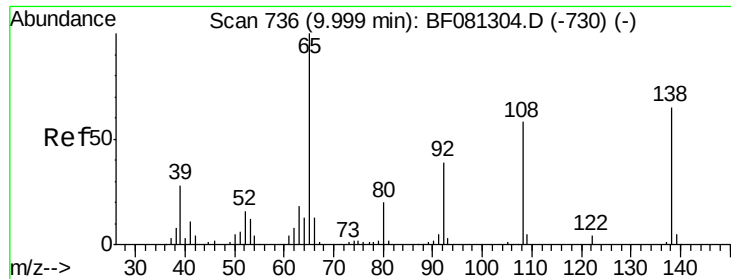
#60
4-Chlorophenyl-phenylether
Concen: 34.72 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:204 Resp: 139862
Ion Ratio Lower Upper
204 100
206 31.6 24.8 37.2
141 56.8 42.2 63.4



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

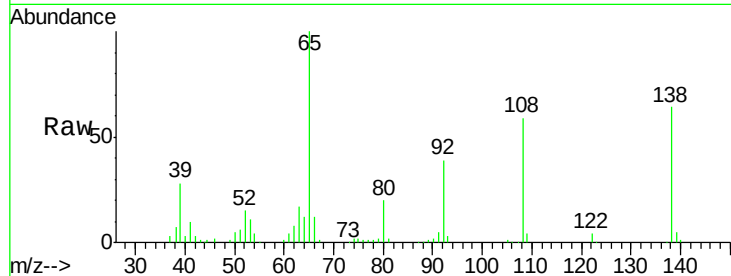




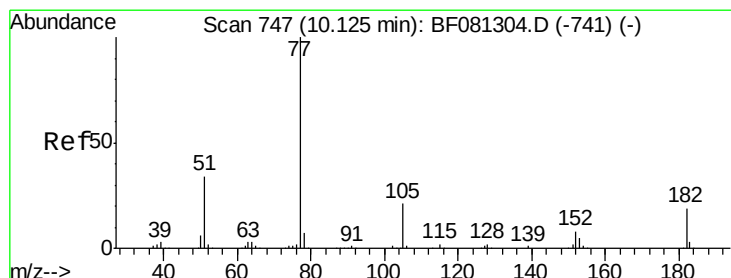
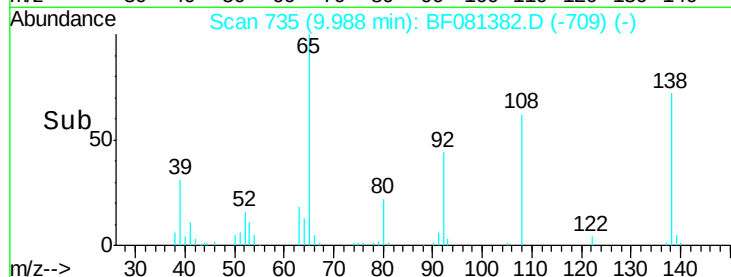
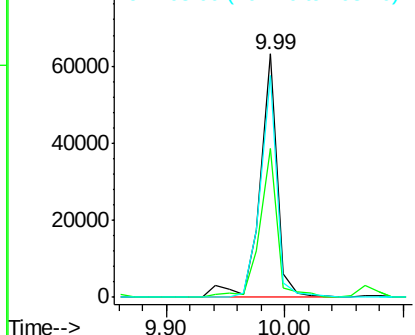
#61
4-Nitroaniline
Concen: 27.52 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Tot Ion:138 Resp: 64912
Ion Ratio Lower Upper
138 100
92 61.2 12.6 52.6#
108 91.3 12.4 52.4#

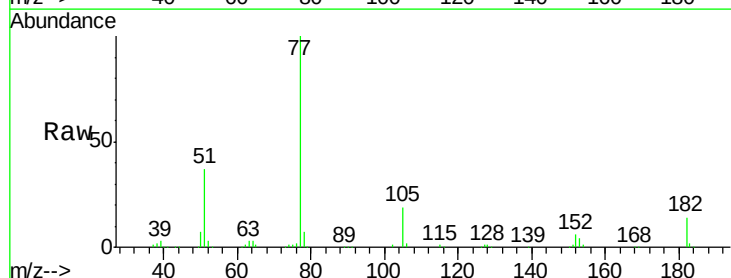


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

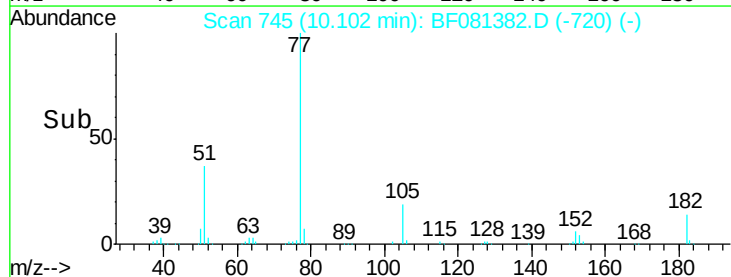
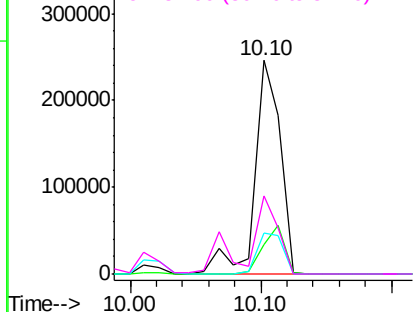


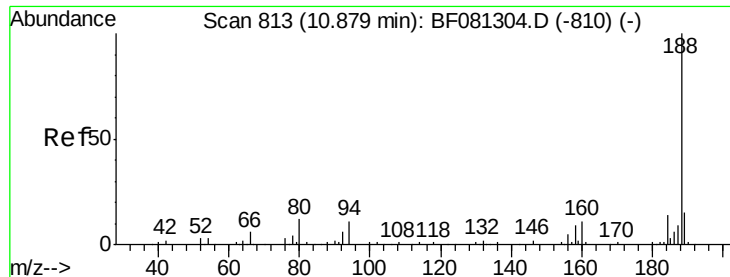
#62
Azobenzene
Concen: 31.99 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion: 77 Resp: 338092
Ion Ratio Lower Upper
77 100
182 13.8 15.1 55.1#
105 19.0 3.4 43.4
51 36.7 12.0 52.0



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

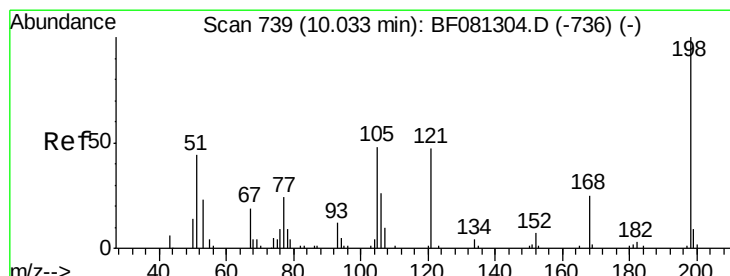
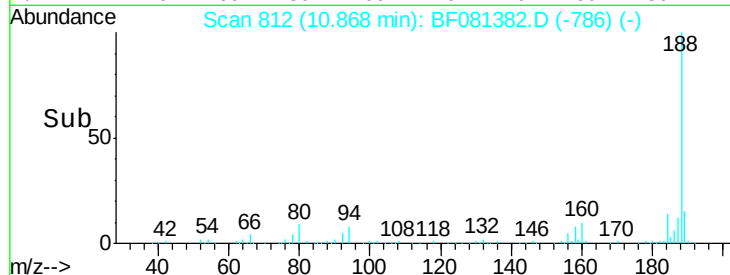
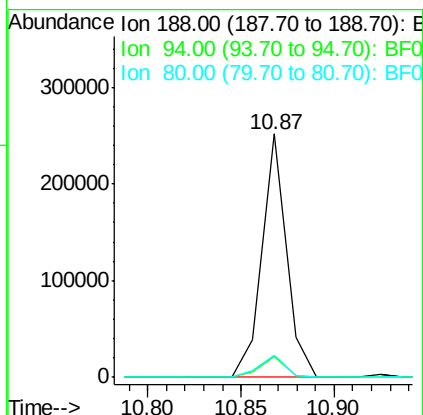
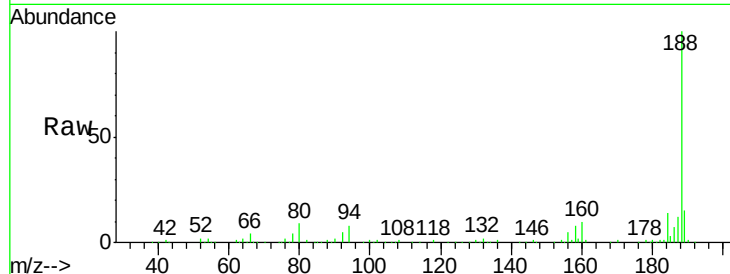




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

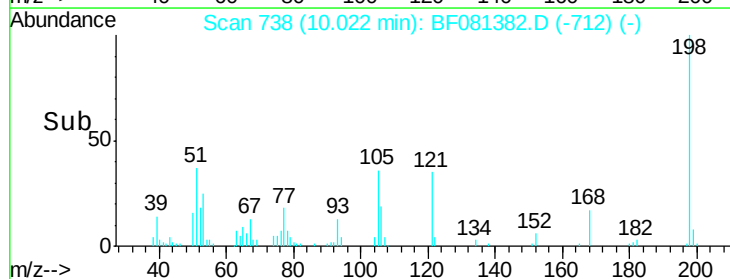
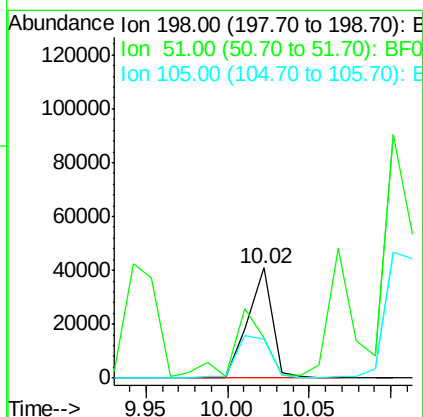
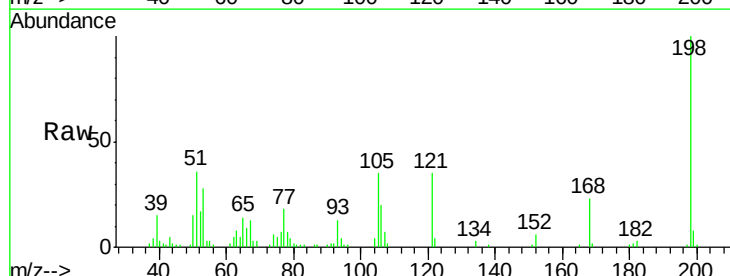
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

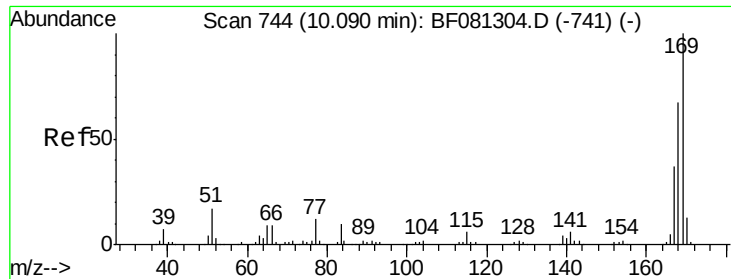
Tot Ion:188 Resp: 228579
 Ion Ratio Lower Upper
 188 100
 94 8.4 11.1 16.7#
 80 8.9 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.13 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:198 Resp: 42356
 Ion Ratio Lower Upper
 198 100
 51 36.3 39.6 79.6#
 105 35.4 28.5 68.5

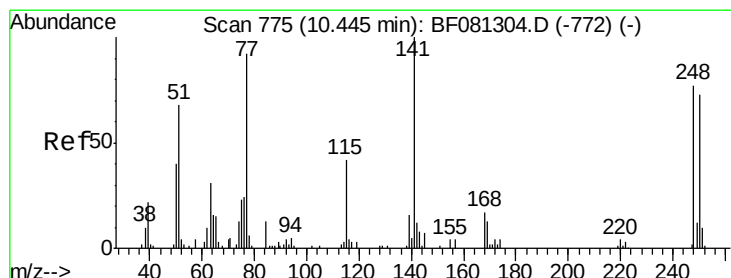
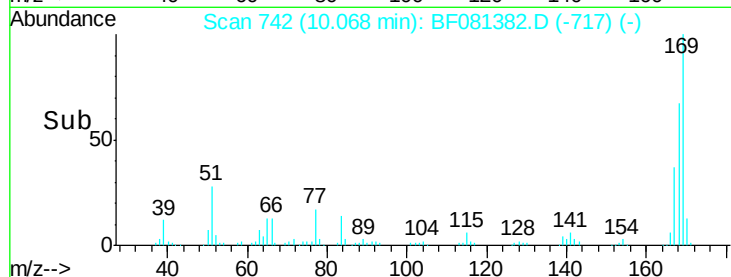
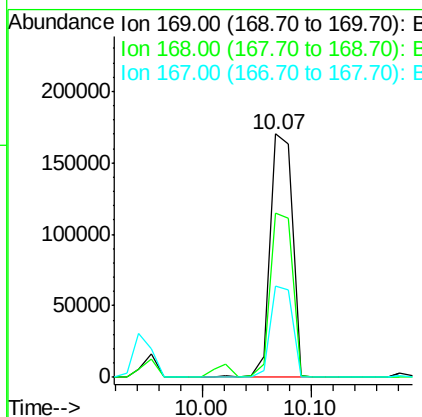
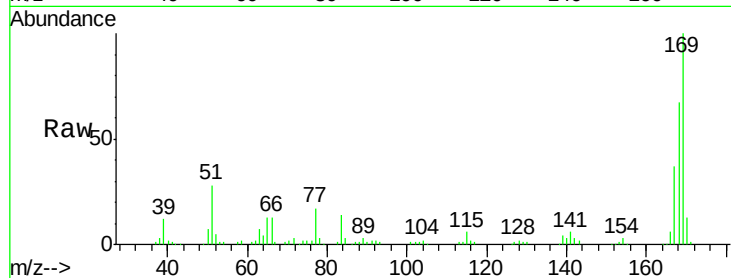




#65
 n-Nitrosodiphenylamine
 Concen: 29.02 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

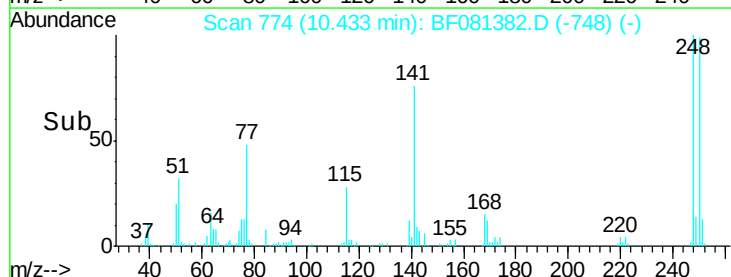
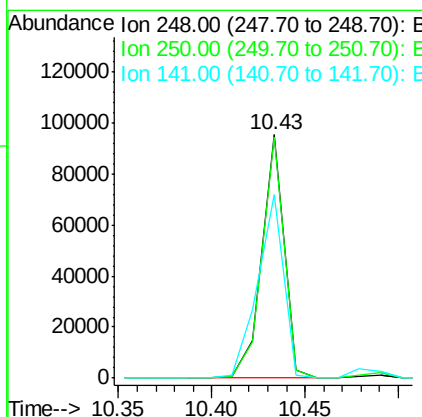
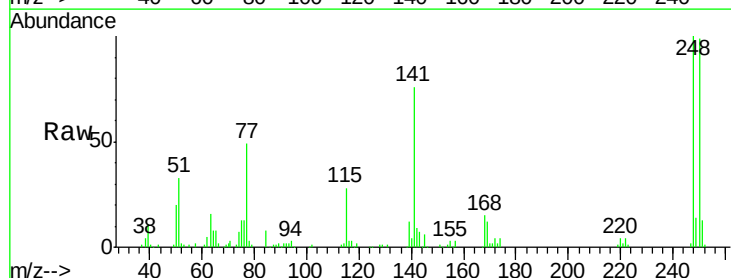
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

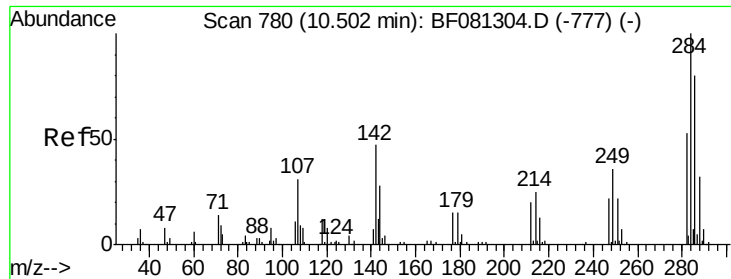
Tot Ion:169 Resp: 241387
 Ion Ratio Lower Upper
 169 100
 168 67.2 48.9 73.3
 167 37.4 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 33.99 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:248 Resp: 78564
 Ion Ratio Lower Upper
 248 100
 250 99.0 78.5 117.7
 141 75.5 59.0 88.6

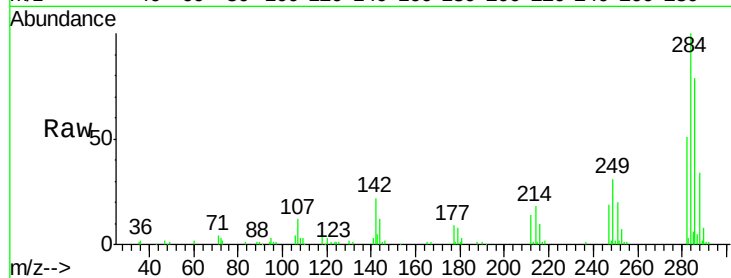




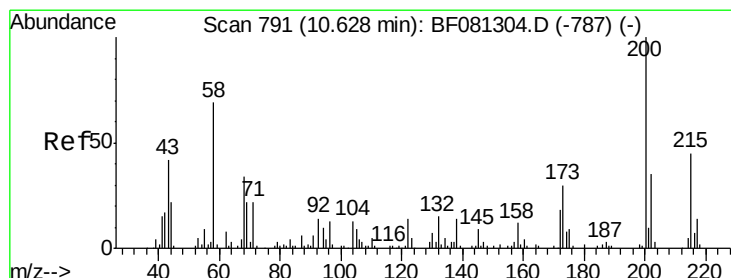
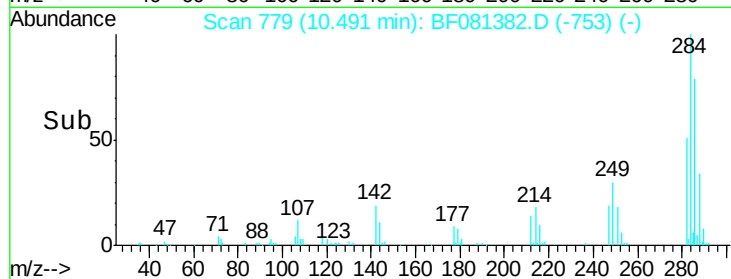
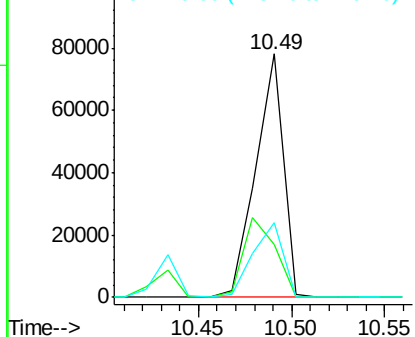
#67
Hexachlorobenzene
Concen: 32.94 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Tot Ion:284 Resp: 79607
Ion Ratio Lower Upper
284 100
142 21.8 29.5 44.3#
249 30.8 19.5 29.3#

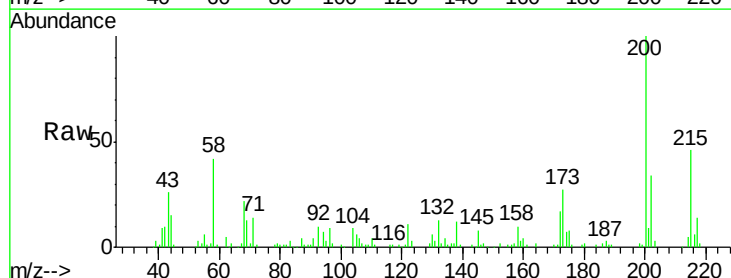


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

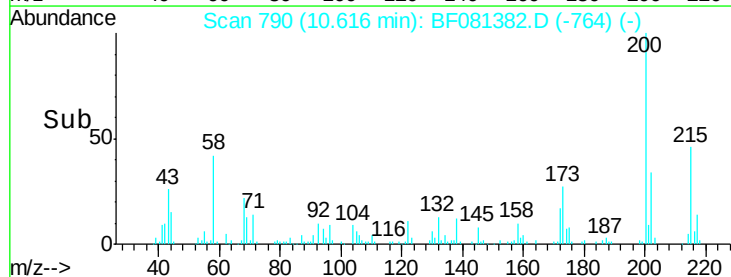
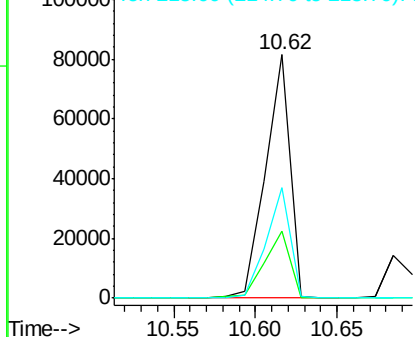


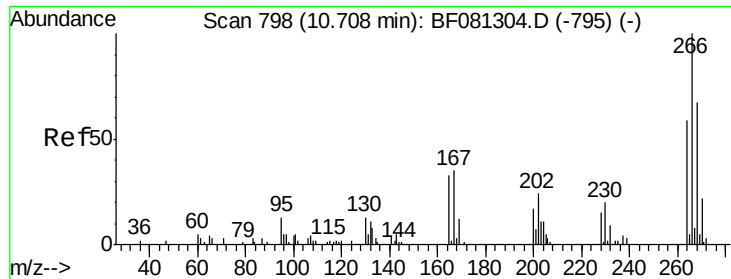
#68
Atrazine
Concen: 35.33 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:200 Resp: 85046
Ion Ratio Lower Upper
200 100
173 27.3 13.2 53.2
215 45.6 41.8 81.8



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

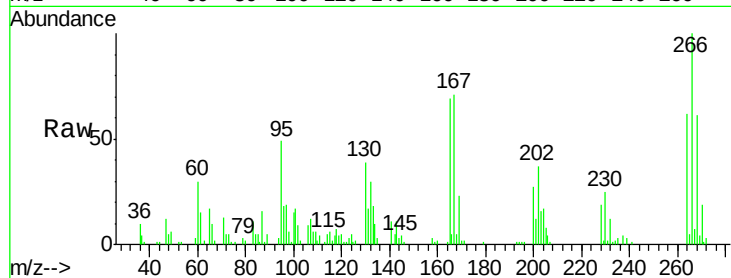




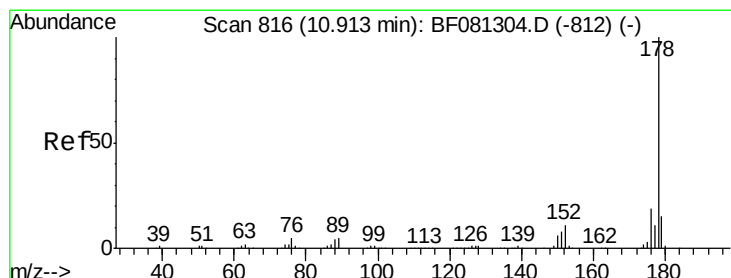
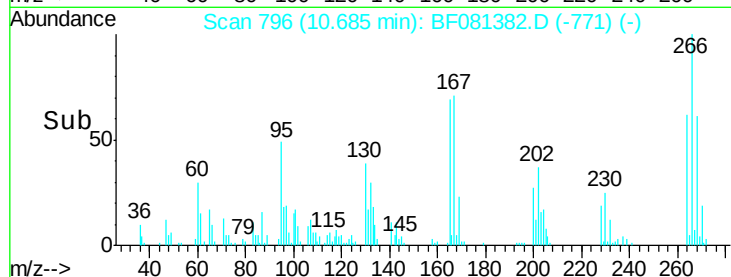
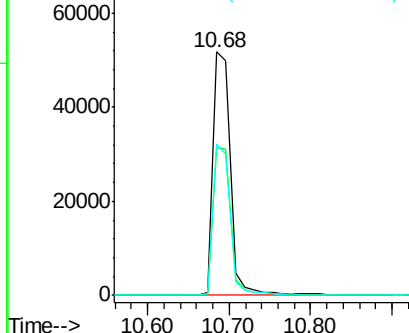
#69
 Pentachlorophenol
 Concen: 67.53 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion:266 Resp: 77647
 Ion Ratio Lower Upper
 266 100
 268 60.7 49.8 74.6
 264 62.2 50.2 75.2

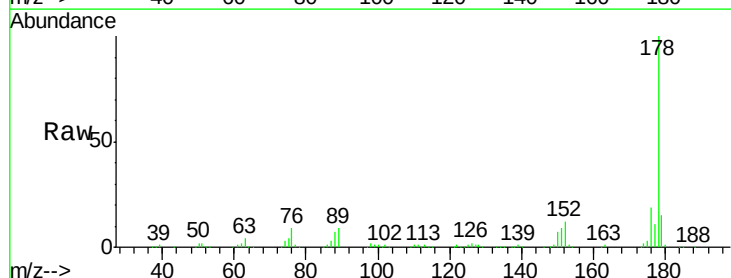


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

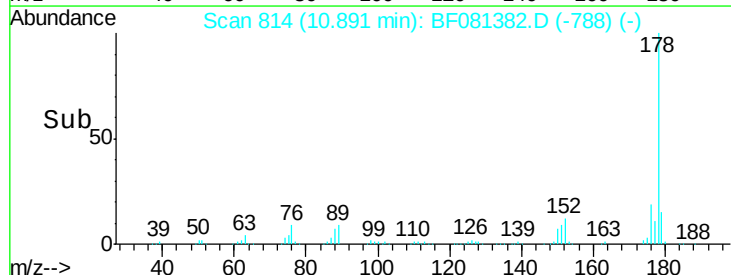
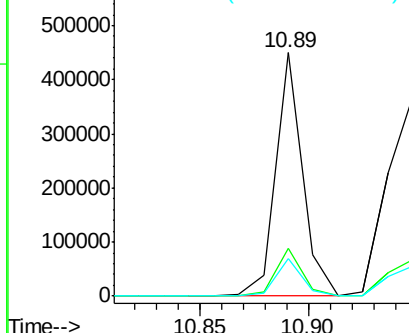


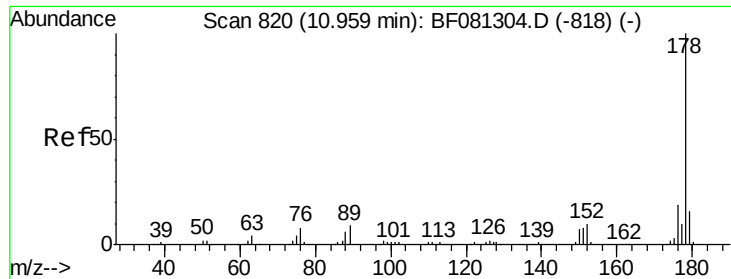
#70
 Phenanthrene
 Concen: 30.70 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:178 Resp: 390166
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.2 12.2 18.2



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

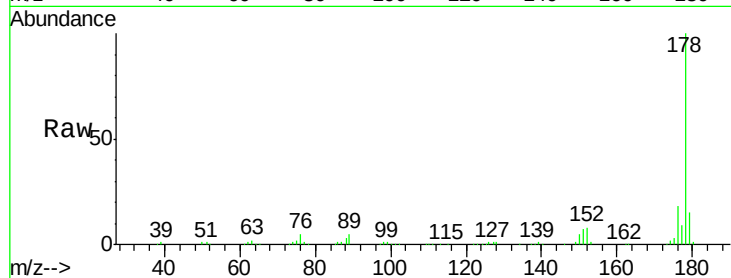




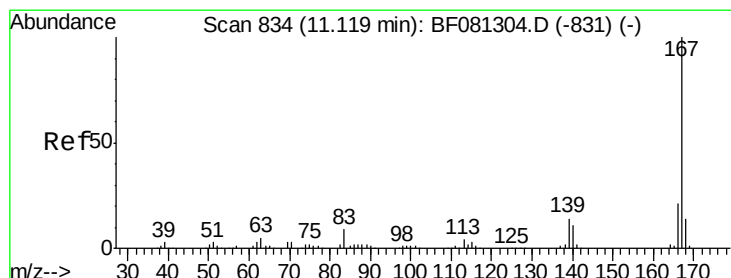
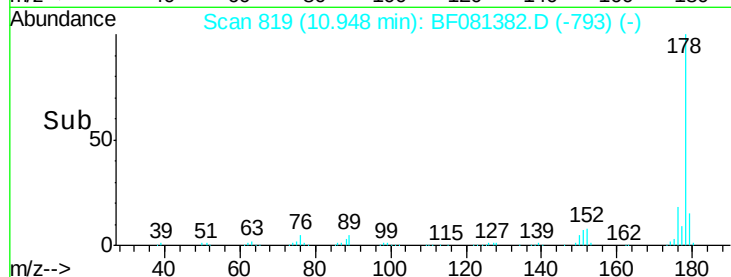
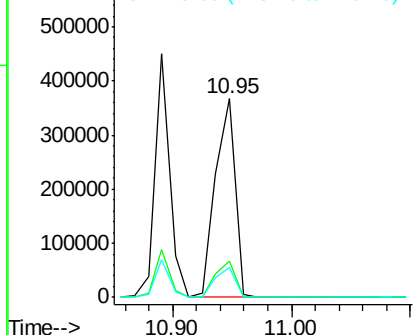
#71
 Anthracene
 Concen: 32.15 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

Tot Ion:178 Resp: 419757
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.1 21.1
 179 15.2 12.2 18.2

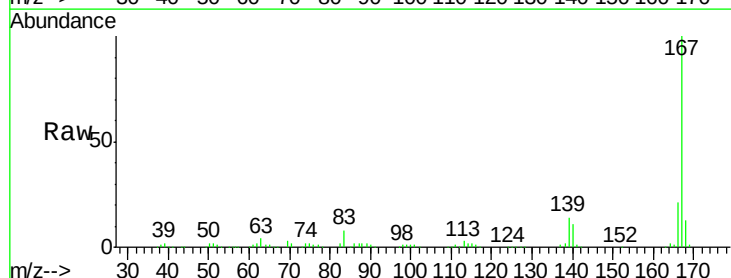


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

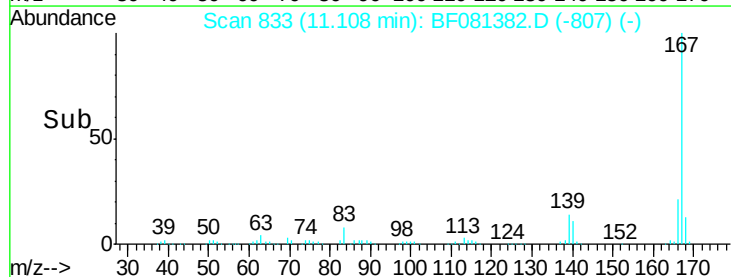
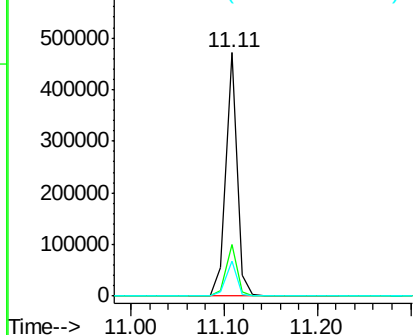


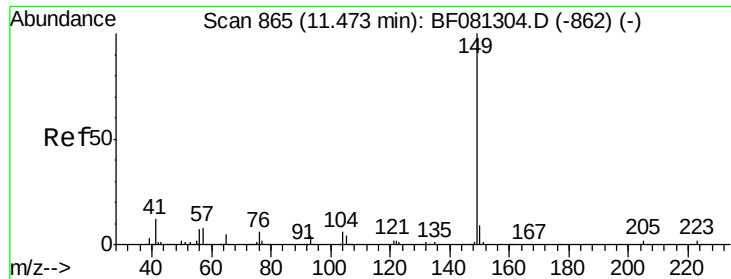
#72
 Carbazole
 Concen: 32.31 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:167 Resp: 395829
 Ion Ratio Lower Upper
 167 100
 166 21.2 15.7 23.5
 139 14.2 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 33.21 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

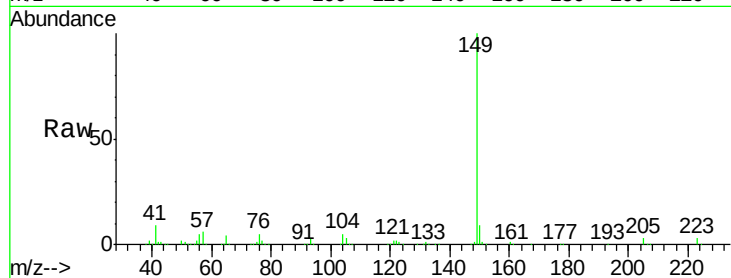
Tot Ion:149 Resp: 480468

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

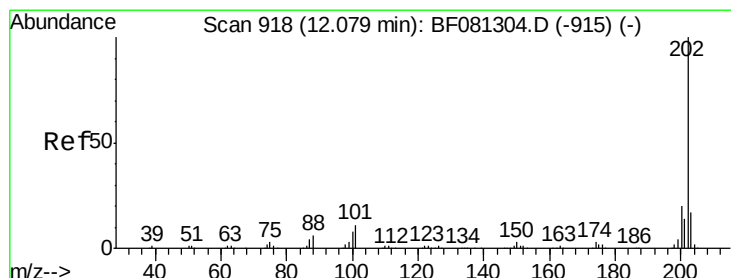
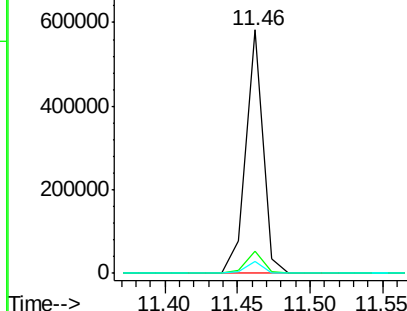
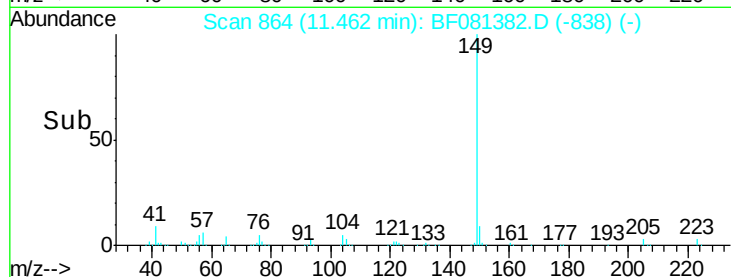
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.71 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

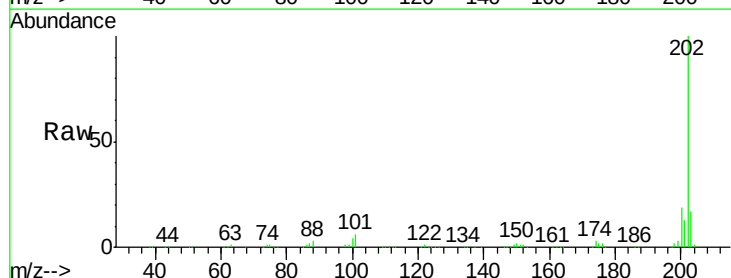
Tgt Ion:202 Resp: 463802

Ion Ratio Lower Upper

202 100

101 5.8 0.0 38.3

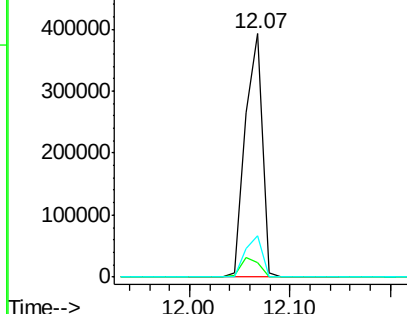
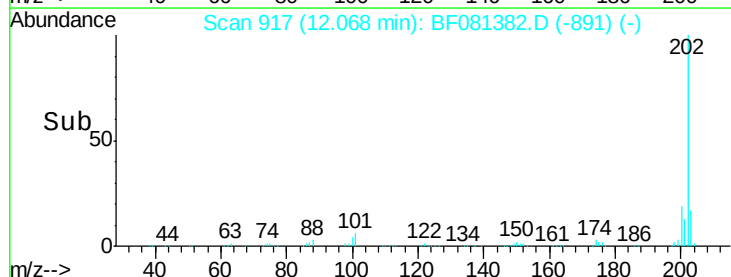
203 16.8 0.0 37.3

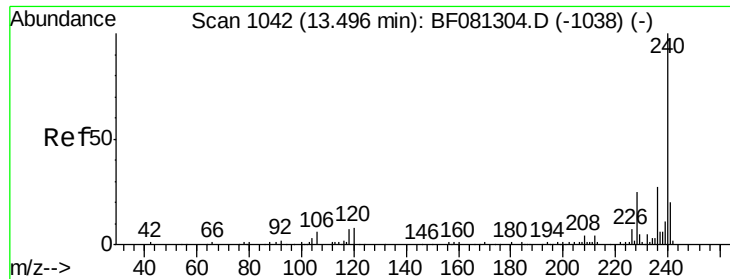


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

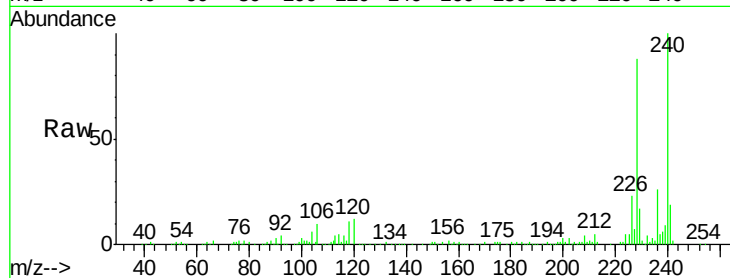
Tot Ion:240 Resp: 180108

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

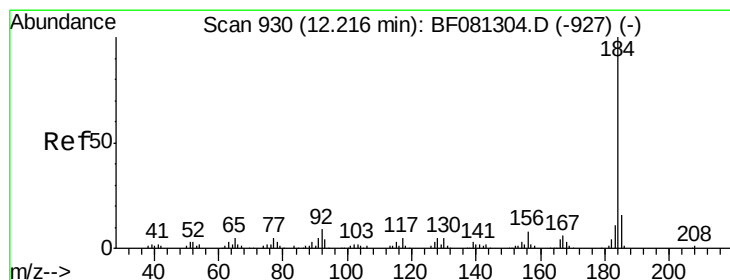
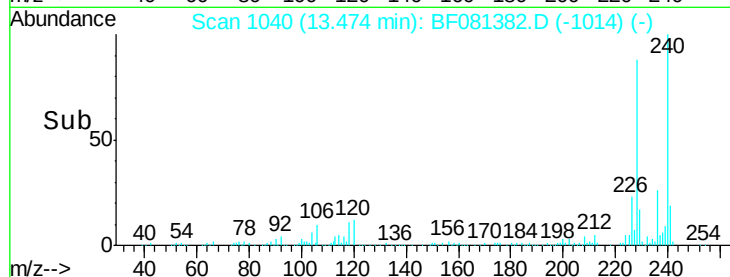
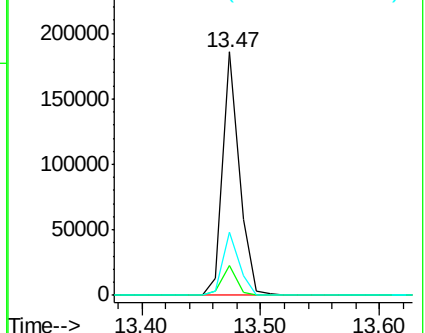
236 26.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.83 ng

RT: 12.20 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

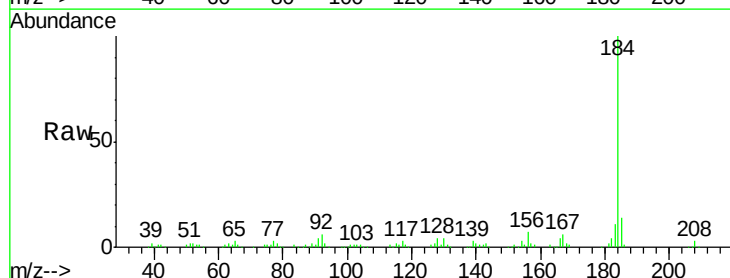
Tgt Ion:184 Resp: 161056

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

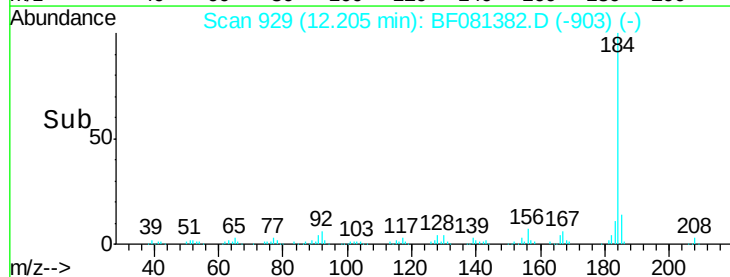
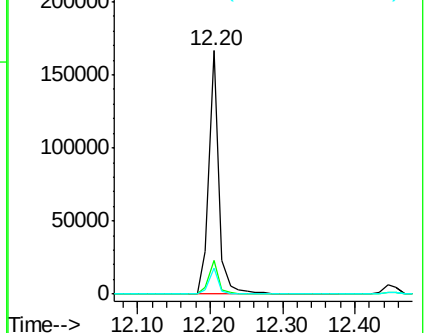
183 10.6 7.6 11.4

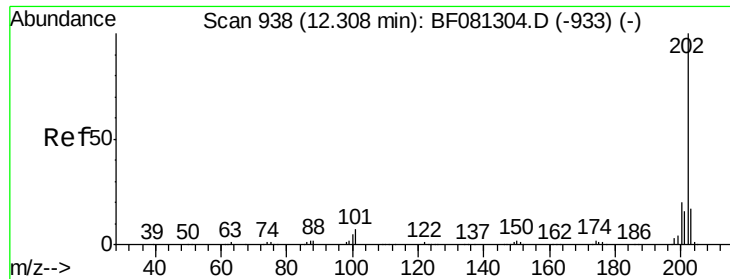


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

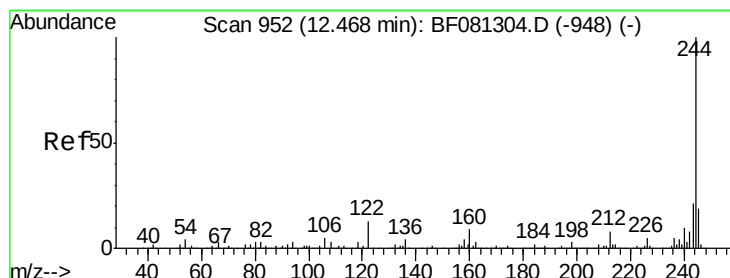
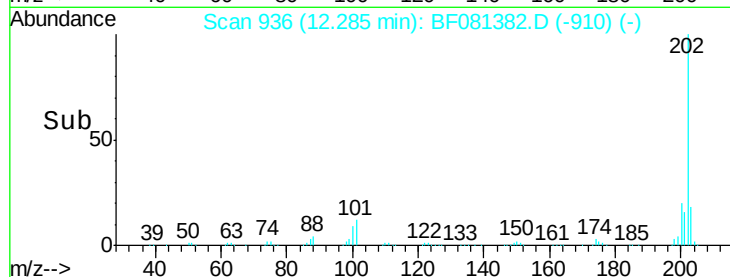
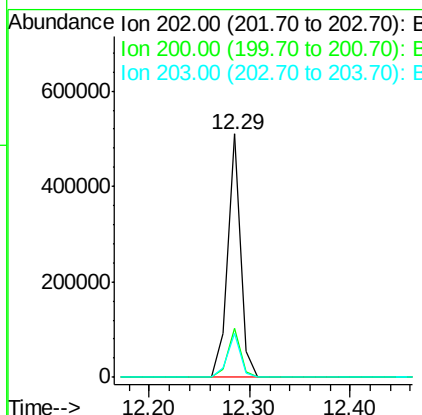
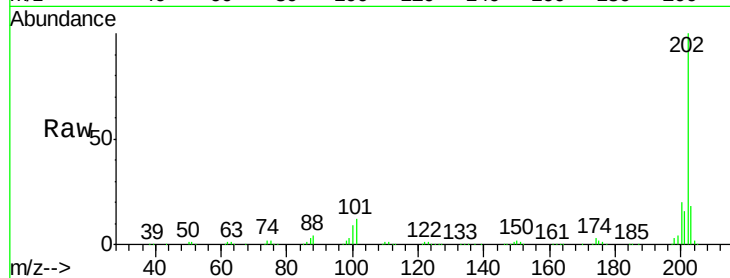




#77
 Pvrene
 Concen: 34.02 ng
 RT: 12.29 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

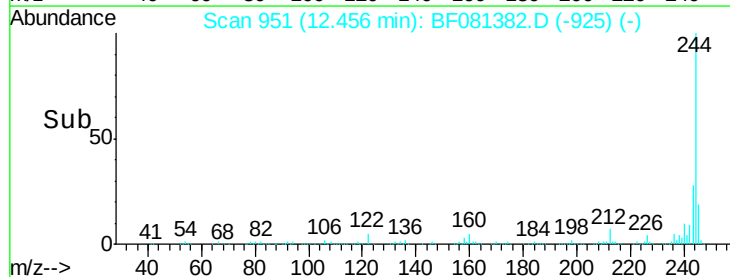
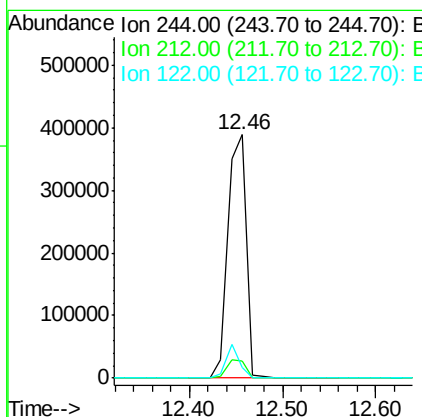
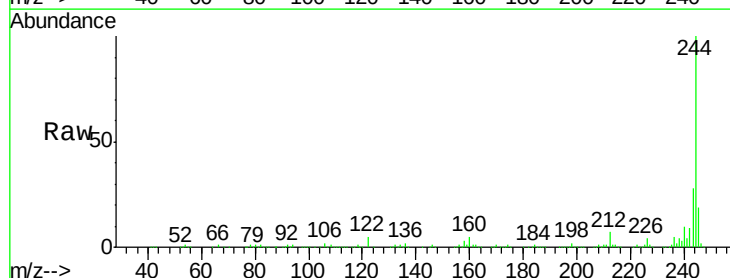
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

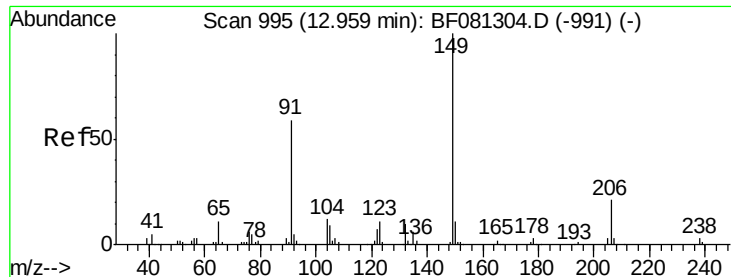
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	18.1	14.1	21.1



#78
 Terphenyl-d14
 Concen: 69.14 ng
 RT: 12.46 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	4.6	17.4	26.2#

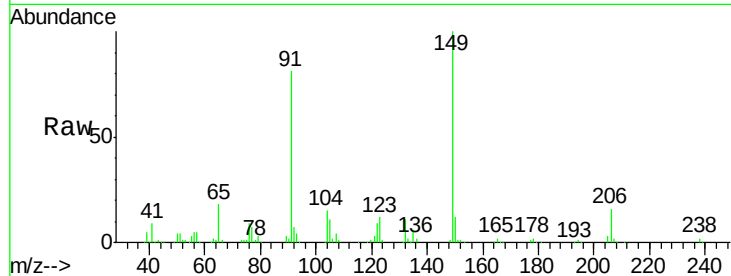




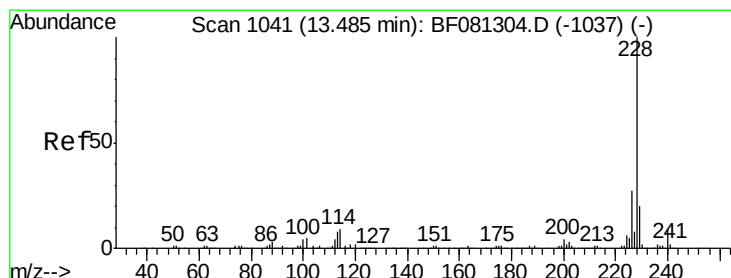
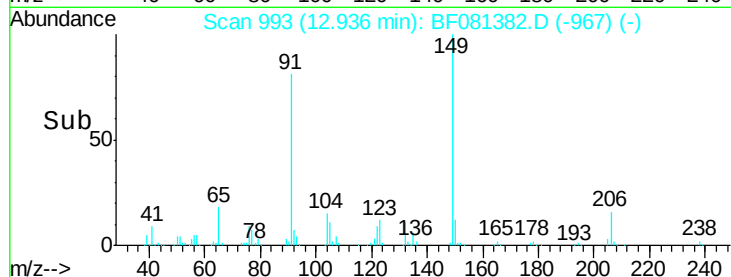
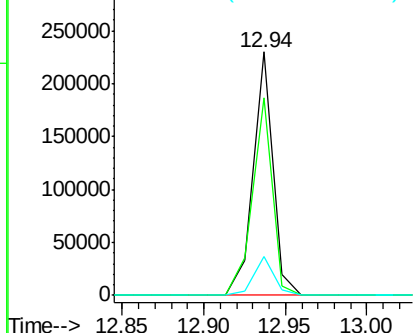
#79
Butylbenzylphthalate
Concen: 33.58 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Instrument :
BNA_F
ClientSampleId :
PB85360BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.0	48.6	72.8
206	16.0	14.9	22.3

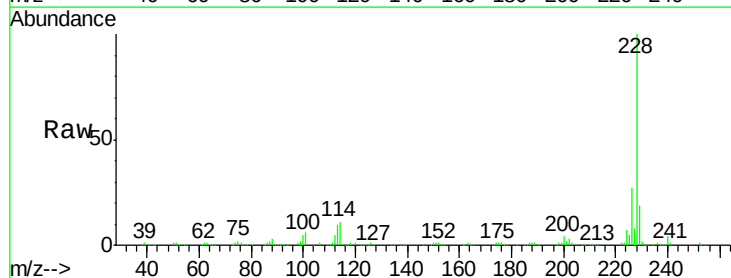


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

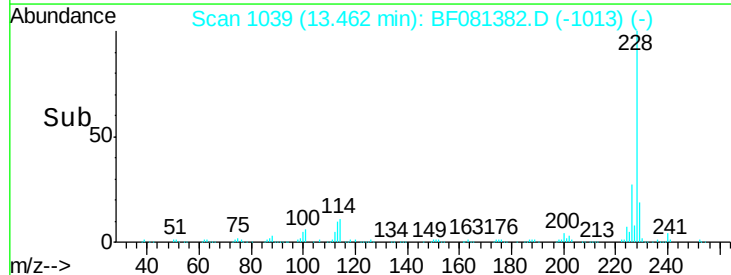
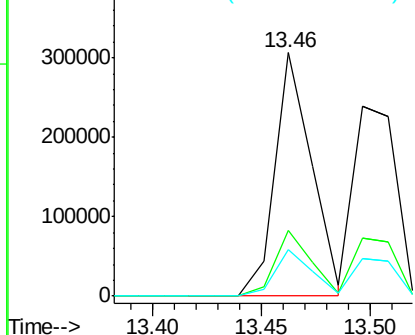


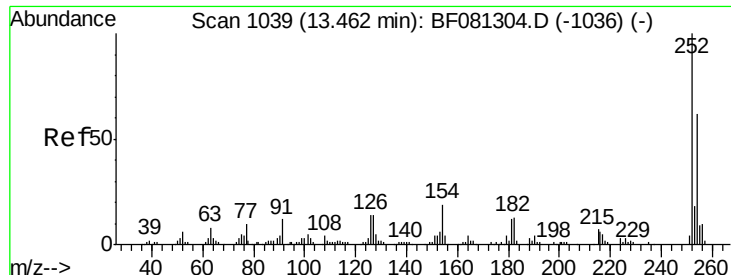
#80
Benzo(a)anthracene
Concen: 31.60 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	20.0	30.0
229	19.2	15.4	23.2



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

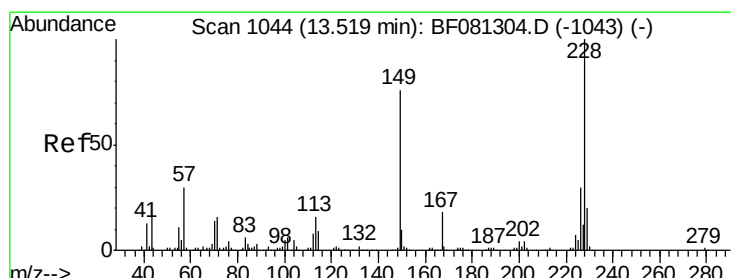
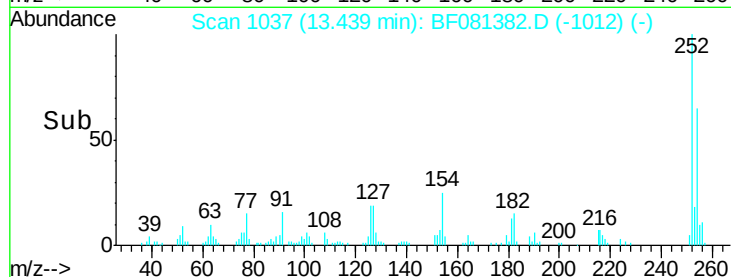
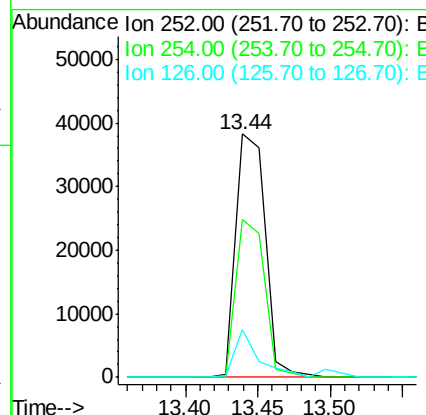
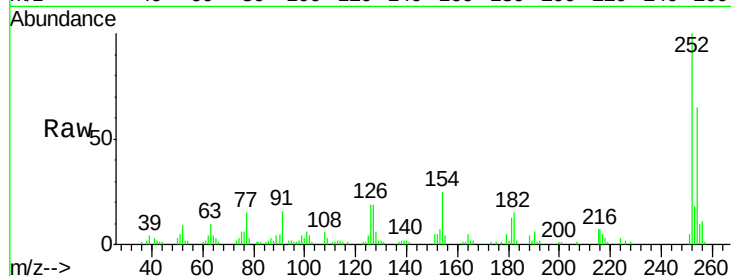




#81
 3,3'-Dichlorobenzidine
 Concen: 13.94 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

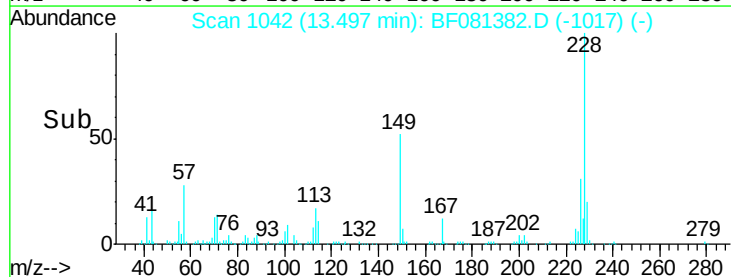
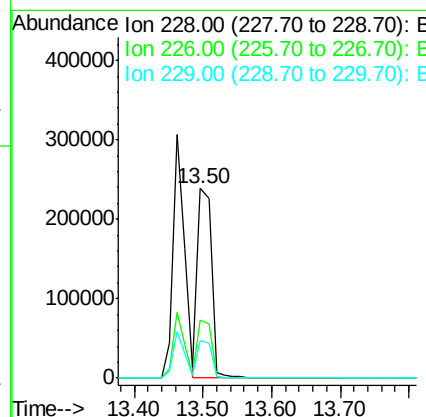
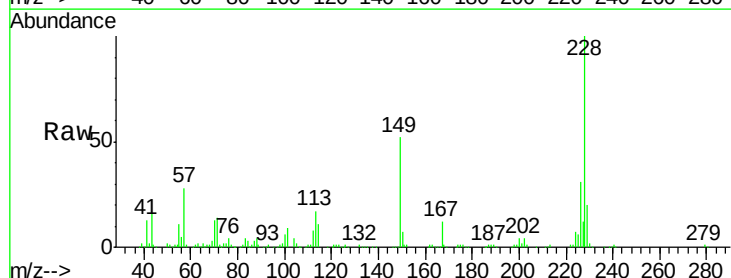
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

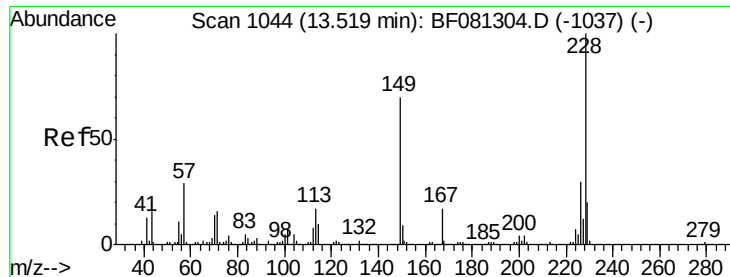
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	19.4	16.4	24.6



#82
 Chrysene
 Concen: 32.44 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	19.7	15.6	23.4

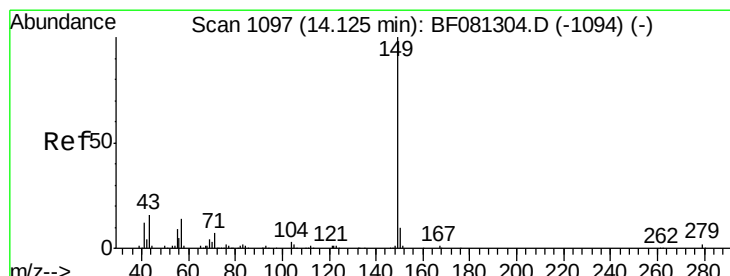
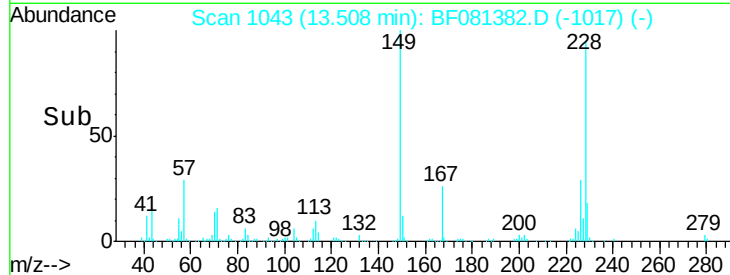
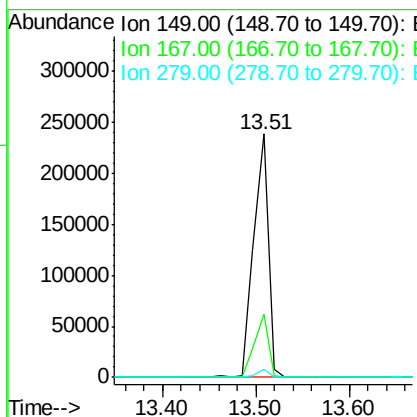
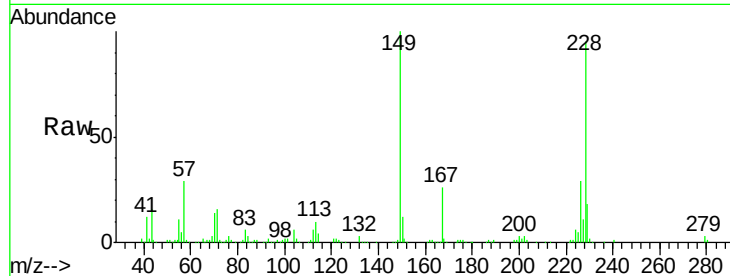




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.84 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

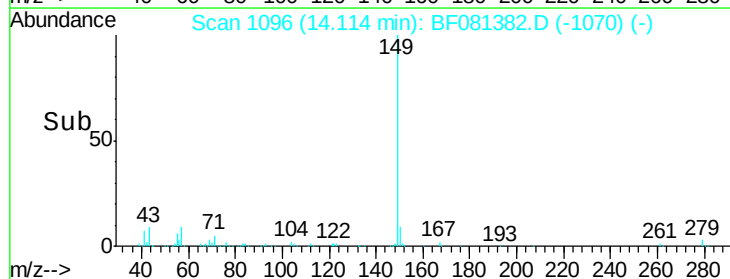
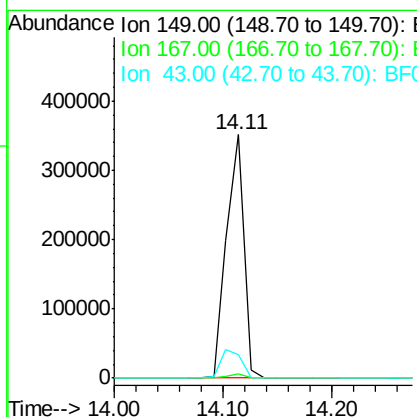
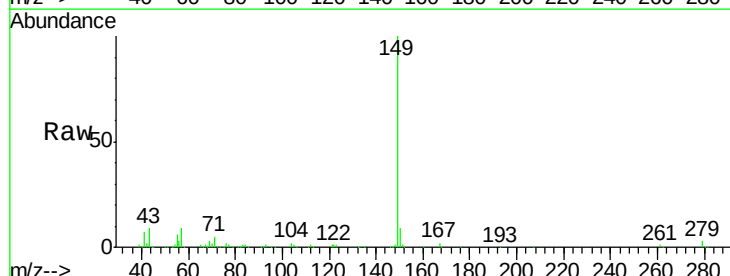
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

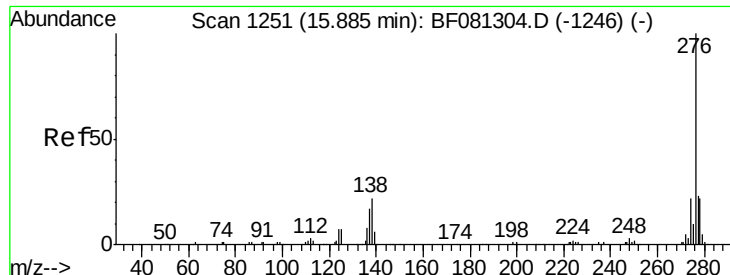
Tot Ion:149 Resp: 259125
 Ion Ratio Lower Upper
 149 100
 167 25.9 24.2 36.2
 279 3.1 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 30.99 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:149 Resp: 390733
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.4 10.2 15.2

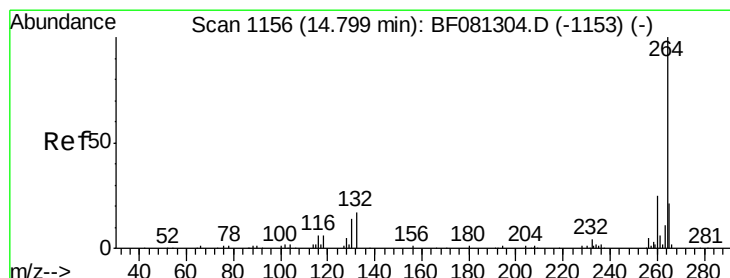
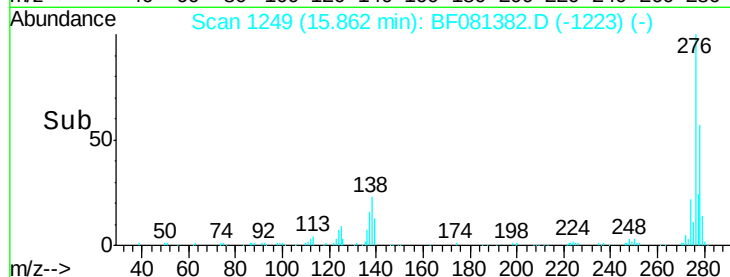
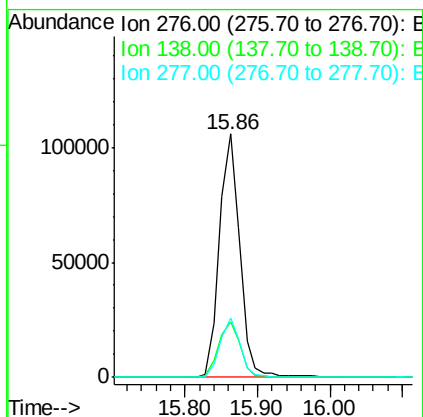
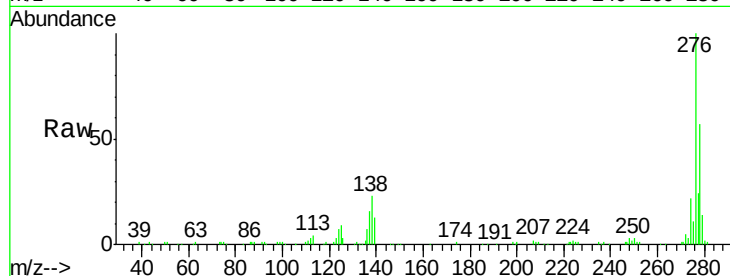




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.54 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

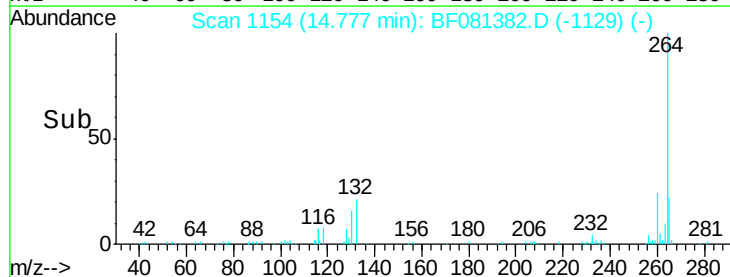
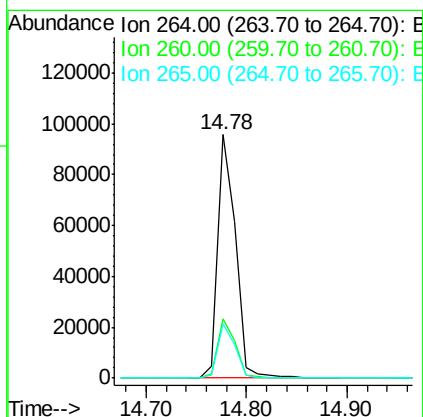
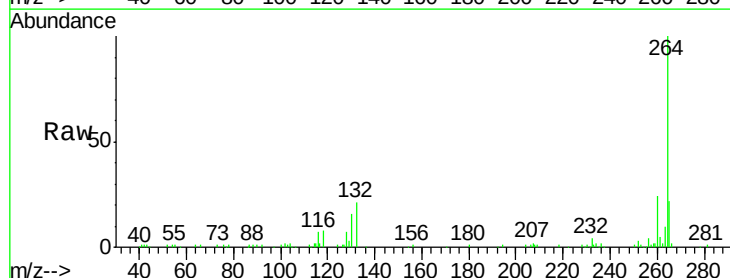
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BSD

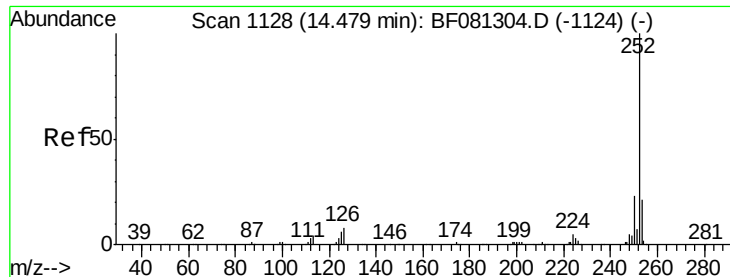
Tot Ion:276 Resp: 207745
 Ion Ratio Lower Upper
 276 100
 138 24.2 25.7 38.5#
 277 24.0 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081382.D
 Acq: 3 Sep 2015 18:09

Tgt Ion:264 Resp: 117319
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 22.0 17.2 25.8

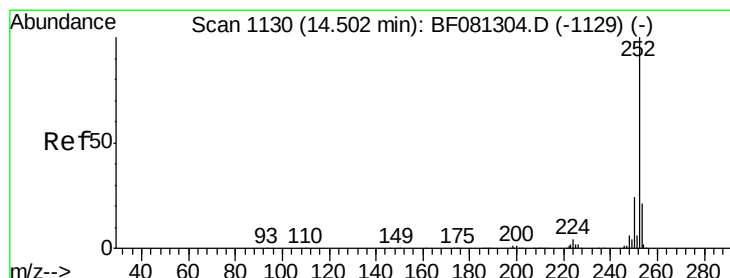
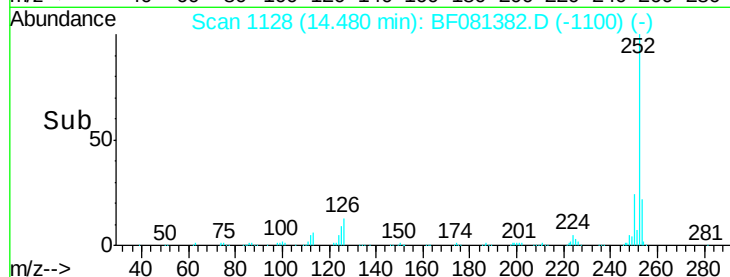
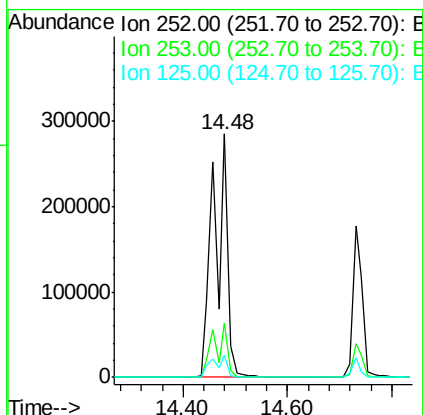
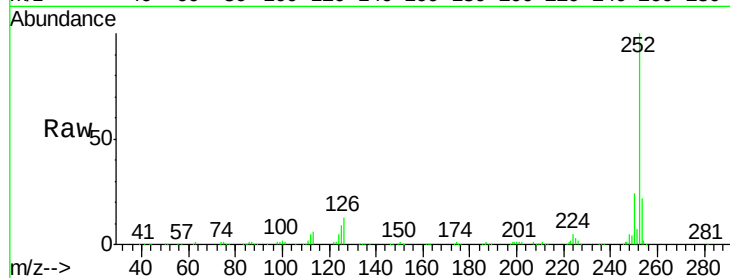




#87
Benzo(b)fluoranthene
Concen: 62.72 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

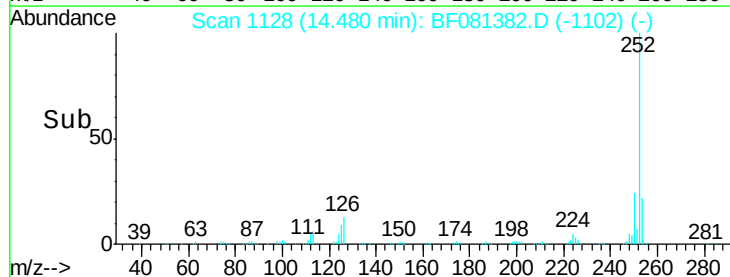
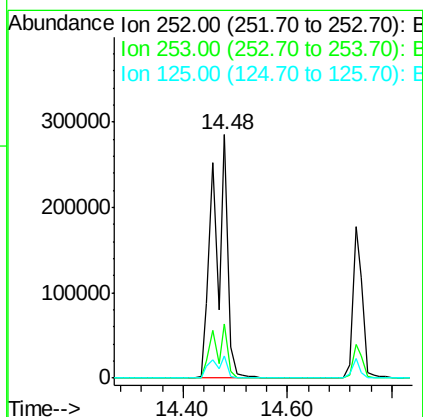
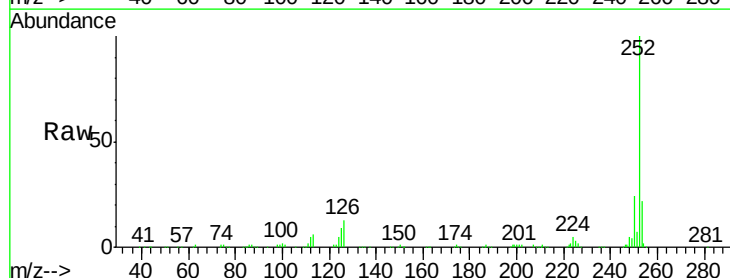
Instrument :
BNA_F
ClientSampleId :
PB85360BSD

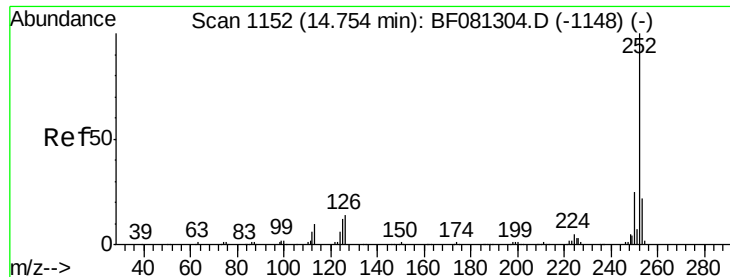
Tot Ion:252 Resp: 525334
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 75.59 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081382.D
Acq: 3 Sep 2015 18:09

Tgt Ion:252 Resp: 525334
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 9.0 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 31.66 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

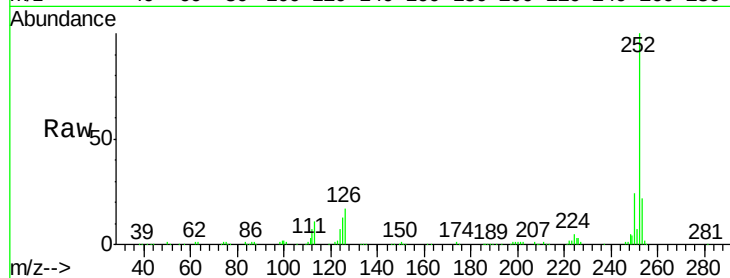
Tot Ion:252 Resp: 224703

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

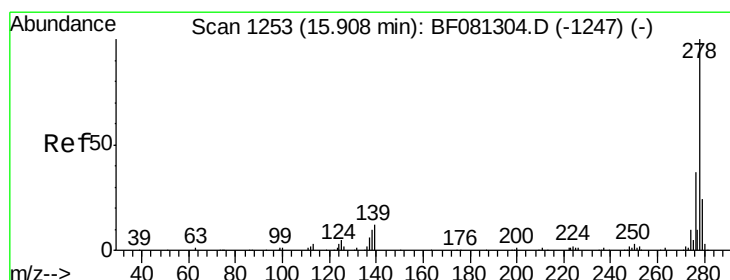
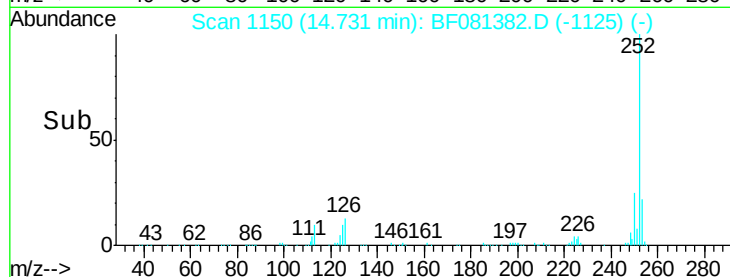
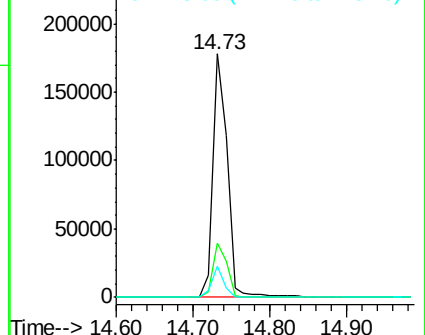
125 12.8 18.0 27.0#



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: 31.78 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

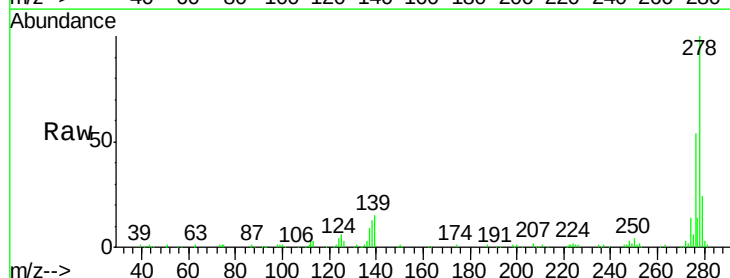
Tgt Ion:278 Resp: 174277

Ion Ratio Lower Upper

278 100

139 15.1 26.3 39.5#

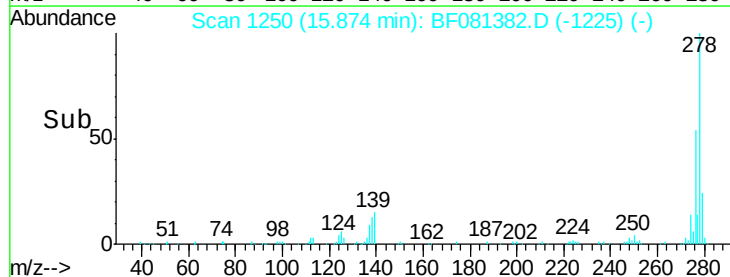
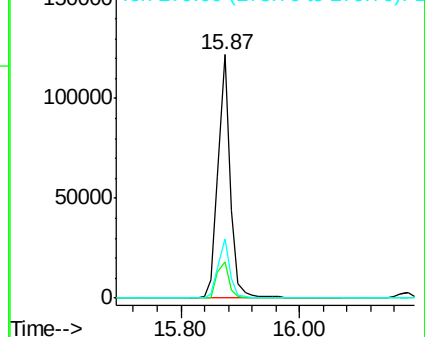
279 24.3 18.2 27.4

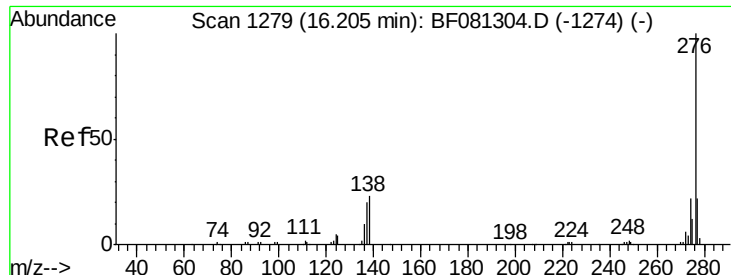


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 33.08 ng

RT: 16.18 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF081382.D

Acq: 3 Sep 2015 18:09

Instrument :

BNA_F

ClientSampleId :

PB85360BSD

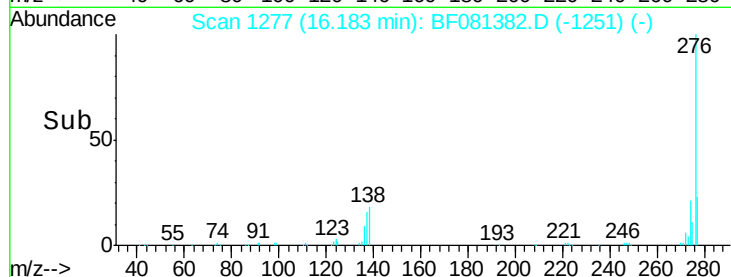
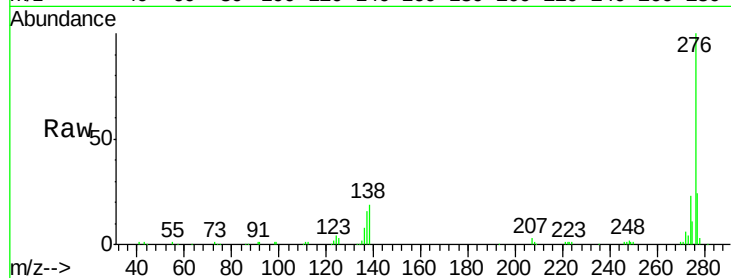
Tot Ion:276 Resp: 173132

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 19.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

