

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081603.D
 Acq On : 14 Sep 2015 12:08
 Operator : UM/IZ
 Sample : PB85471BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Quant Time: Sep 14 13:40:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:31:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	49934	20.00	ng	-0.03
21) Naphthalene-d8	11.13	136	203238	20.00	ng	-0.03
38) Acenaphthene-d10	15.27	164	100518	20.00	ng	-0.03
63) Phenanthrene-d10	18.77	188	218606	20.00	ng	-0.05
75) Chrysene-d12	23.40	240	182704	20.00	ng	-0.02
86) Perylene-d12	24.82	264	140095	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	377917	117.42	ng	-0.02
7) Phenol-d6	7.66	99	523299	122.84	ng	-0.03
23) Nitrobenzene-d5	9.53	82	335410	79.62	ng	-0.03
41) 2,4,6-Tribromophenol	17.18	330	118212	132.08	ng	-0.03
44) 2-Fluorobiphenyl	13.78	172	611722	77.99	ng	-0.03
78) Terphenyl-d14	22.12	244	636110	81.05	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.65	88	45598	31.55	ng	# 48
3) Pyridine	2.16	79	127009	31.86	ng	# 82
4) n-Nitrosodimethylamine	2.13	42	95059	42.93	ng	# 63
6) Aniline	7.53	93	160281	26.64	ng	# 83
8) 2-Chlorophenol	7.78	128	138776	39.13	ng	# 82
9) Benzaldehyde	7.25	77	69960	26.21	ng	# 73
10) Phenol	7.68	94	187902	38.03	ng	# 55
11) bis(2-Chloroethyl)ether	7.77	93	139932	39.26	ng	# 63
12) 1,3-Dichlorobenzene	8.08	146	137366	36.25	ng	# 90
13) 1,4-Dichlorobenzene	8.26	146	140908	36.52	ng	# 89
14) 1,2-Dichlorobenzene	8.58	146	134508	38.72	ng	# 90
15) Benzyl Alcohol	8.67	79	139213	39.84	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.99	45	296803	43.44	ng	# 61
17) 2-Methylphenol	9.01	107	115132	40.69	ng	# 76
18) Hexachloroethane	9.33	117	57759	38.48	ng	# 85
19) n-Nitroso-di-n-propylamine	9.29	70	117258	40.44	ng	# 90
20) 3+4-Methylphenols	9.38	107	149812	39.27	ng	# 85
22) Acetophenone	9.21	105	208514	37.56	ng	# 74
24) Nitrobenzene	9.57	77	168391	38.49	ng	# 63
25) Isophorone	10.17	82	301434	38.47	ng	# 85
26) 2-Nitrophenol	10.30	139	70901	37.19	ng	# 29
27) 2,4-Dimethylphenol	10.57	122	129801	39.42	ng	# 76
28) bis(2-Chloroethoxy)methane	10.77	93	181534	40.11	ng	# 93
29) 2,4-Dichlorophenol	10.91	162	115359	40.40	ng	# 91
30) 1,2,4-Trichlorobenzene	11.04	180	117291	37.81	ng	# 99
31) Naphthalene	11.18	128	407000	37.55	ng	# 98
32) Benzoic acid	11.06	122	74672	32.62	ng	# 52
33) 4-Chloroaniline	11.42	127	95256	21.55	ng	# 85
34) Hexachlorobutadiene	11.53	225	74948	39.70	ng	# 98
35) Caprolactam	12.45	113	19467	22.23	ng	# 43
36) 4-Chloro-3-methylphenol	12.74	107	144588	45.23	ng	# 78
37) 2-Methylnaphthalene	12.84	142	274366	38.90	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.24	216	117968	37.11	ng	# 98
40) Hexachlorocyclopentadiene	13.22	237	136205	87.31	ng	# 97

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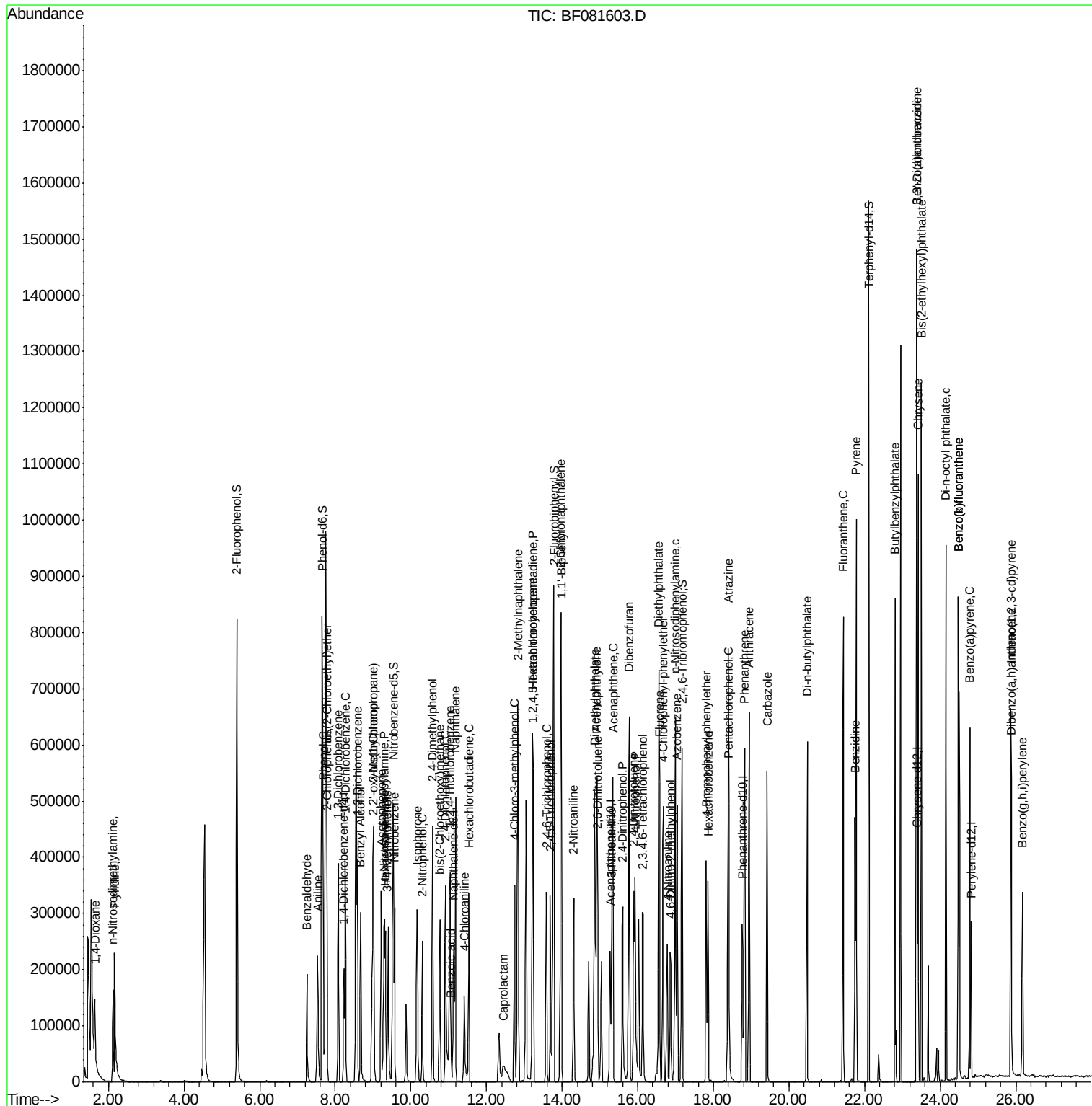
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	83506	38.06	ng	98
43) 2,4,5-Trichlorophenol	13.69	196	87889	39.27	ng #	90
45) 1,1'-Biphenyl	13.98	154	340011	36.77	ng	97
46) 2-Chloronaphthalene	13.97	162	250282	37.48	ng #	88
47) 2-Nitroaniline	14.31	65	109614	40.27	ng #	58
48) Acenaphthylene	14.92	152	441308	37.25	ng	98
49) Dimethylphthalate	14.86	163	317857	40.70	ng #	96
50) 2,6-Dinitrotoluene	14.95	165	65480	36.94	ng #	32
51) Acenaphthene	15.35	154	250910	37.23	ng	89
52) 3-Nitroaniline	15.32	138	53010	26.27	ng #	64
53) 2,4-Dinitrophenol	15.60	184	74920	82.56	ng #	37
54) Dibenzofuran	15.77	168	395085	40.14	ng #	86
55) 4-Nitrophenol	15.93	139	106407	83.93	ng #	13
56) 2,4-Dinitrotoluene	15.90	165	95322	42.23	ng #	53
57) Fluorene	16.58	166	319983	42.84	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.14	232	75573	44.23	ng	93
59) Diethylphthalate	16.56	149	358441	43.63	ng	96
60) 4-Chlorophenyl-phenylether	16.68	204	152626	43.85	ng #	88
61) 4-Nitroaniline	16.79	138	73212	35.91	ng #	25
62) Azobenzene	17.04	77	399209	43.71	ng	84
64) 4,6-Dinitro-2-methylphenol	16.87	198	50249	41.10	ng	97
65) n-Nitrosodiphenylamine	17.00	169	278021	34.95	ng	93
66) 4-Bromophenyl-phenylether	17.82	248	86456	39.11	ng	94
67) Hexachlorobenzene	17.86	284	87494	37.86	ng #	87
68) Atrazine	18.40	200	103985	45.17	ng #	75
69) Pentachlorophenol	18.41	266	90283	80.22	ng	98
70) Phenanthrene	18.82	178	465560	38.31	ng	97
71) Anthracene	18.95	178	475751	38.10	ng	98
72) Carbazole	19.43	167	450621	38.46	ng	97
73) Di-n-butylphthalate	20.48	149	599805	43.35	ng #	97
74) Fluoranthene	21.44	202	536885	40.81	ng	88
76) Benzidine	21.75	184	250517	31.94	ng	98
77) Pyrene	21.78	202	534636	39.50	ng	97
79) Butylbenzylphthalate	22.81	149	267226	45.40	ng	92
80) Benzo(a)anthracene	23.38	228	471154	40.49	ng	98
81) 3,3'-Dichlorobenzidine	23.38	252	102239	26.05	ng #	93
82) Chrysene	23.42	228	398629	38.22	ng	96
83) Bis(2-ethylhexyl)phthalate	23.50	149	340958	43.90	ng #	91
84) Di-n-octyl phthalate	24.15	149	527453	41.24	ng	96
85) Indeno(1,2,3-cd)pyrene	25.88	276	309014	40.38	ng #	85
87) Benzo(b)fluoranthene	24.48	252	722060	72.19	ng #	86
88) Benzo(k)fluoranthene	24.48	252	722060	87.00	ng #	87
89) Benzo(a)pyrene	24.78	252	355158	41.90	ng #	81
90) Dibenzo(a,h)anthracene	25.89	278	260066	39.71	ng #	76
91) Benzo(g,h,i)perylene	26.17	276	244765	39.16	ng #	76

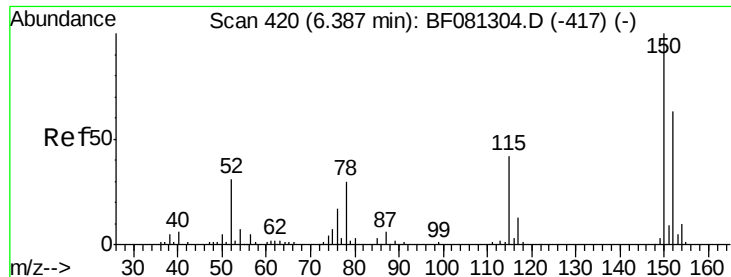
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.23 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

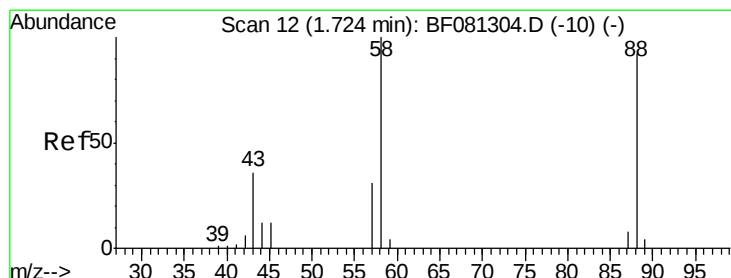
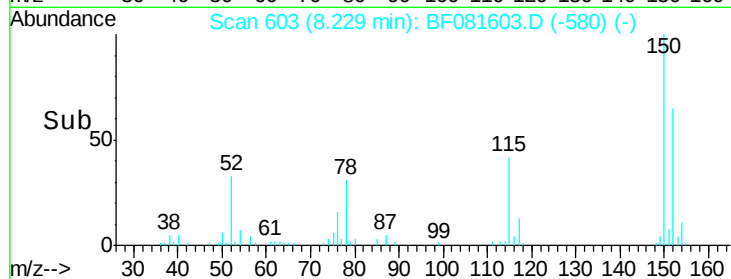
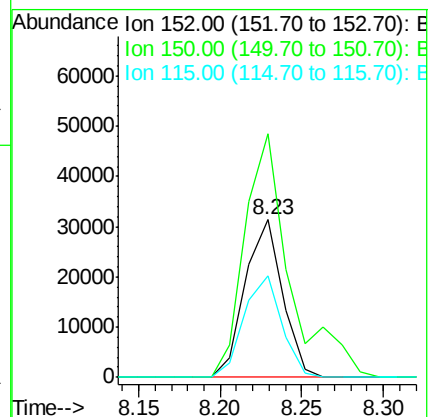
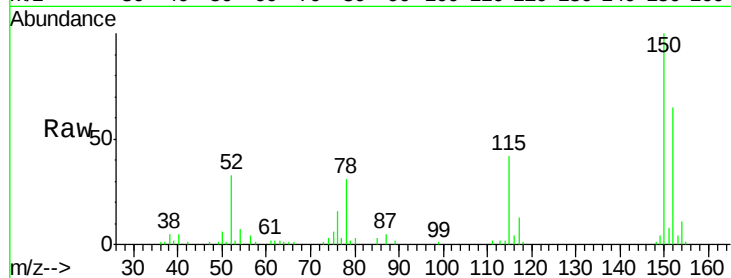
Tgt Ion:152 Resp: 49934

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

115 64.8 39.0 58.4#



#2

1,4-Dioxane

Concen: 31.55 ng

RT: 1.65 min Scan# 27

Delta R.T. 0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

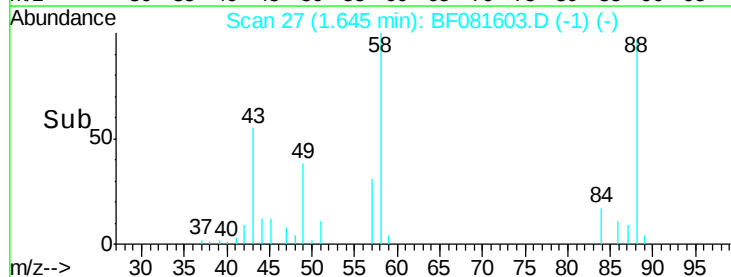
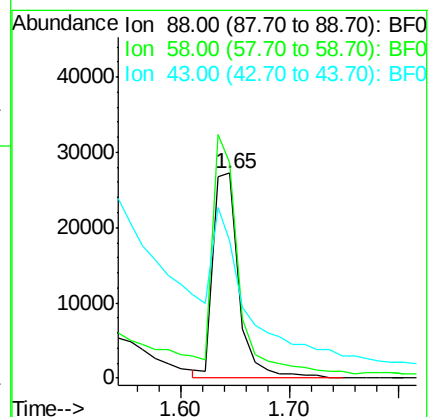
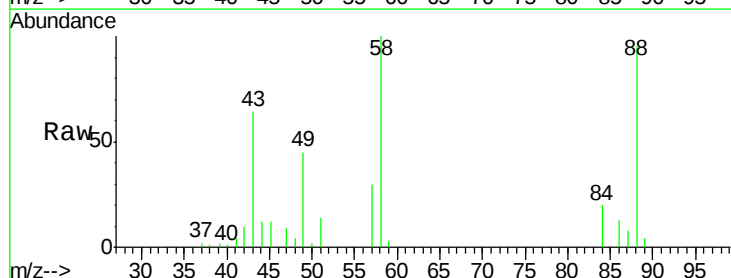
Tgt Ion: 88 Resp: 45598

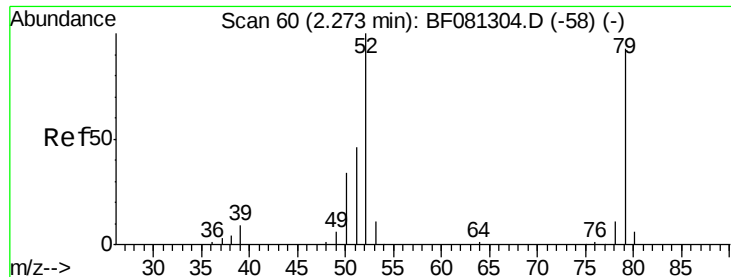
Ion Ratio Lower Upper

88 100

58 116.5 77.7 116.5

43 116.2 26.6 40.0#





#3

Pyridine

Concen: 31.86 ng

RT: 2.16 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

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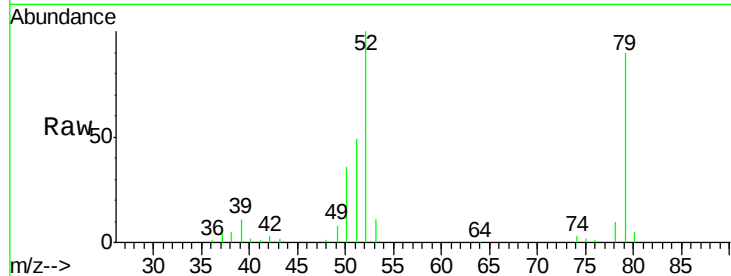
Tgt Ion: 79 Resp: 127009

Ion Ratio Lower Upper

79 100

52 111.6 76.8 115.2

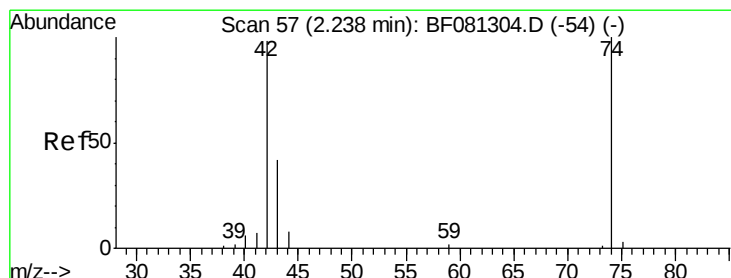
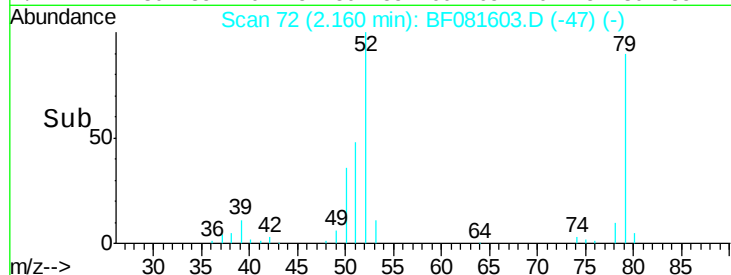
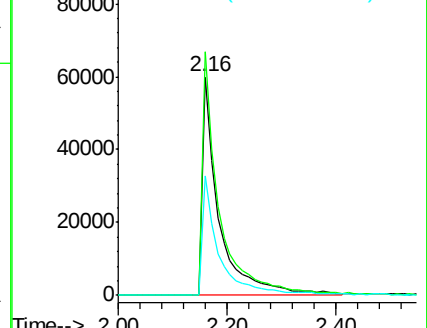
51 54.7 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.93 ng

RT: 2.13 min Scan# 69

Delta R.T. 0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

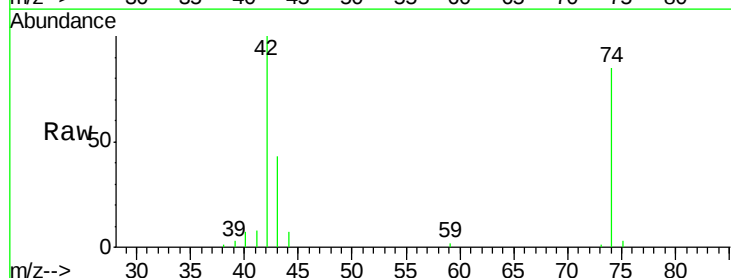
Tgt Ion: 42 Resp: 95059

Ion Ratio Lower Upper

42 100

74 85.2 105.0 157.6#

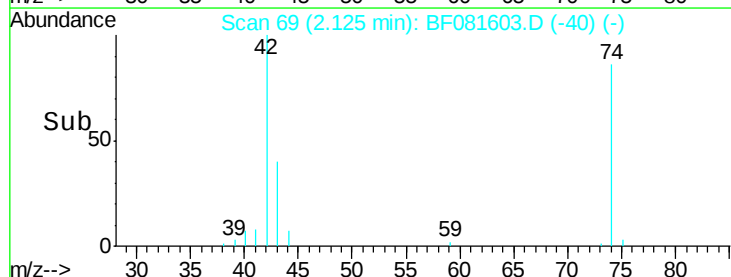
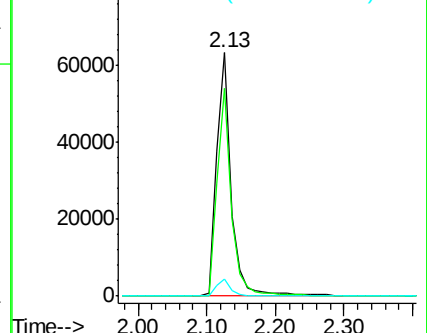
44 7.0 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.42 ng

RT: 5.39 min Scan# 355

Delta R.T. -0.02 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

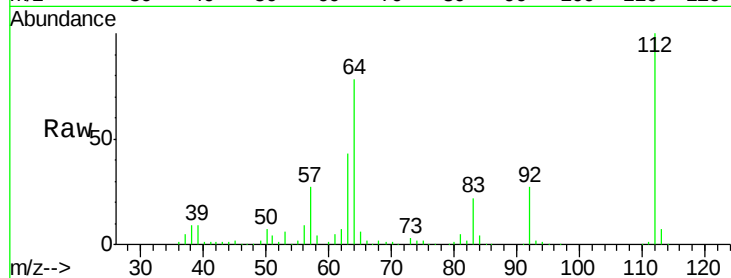
BNA_F

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Tgt Ion: 112 Resp: 377917

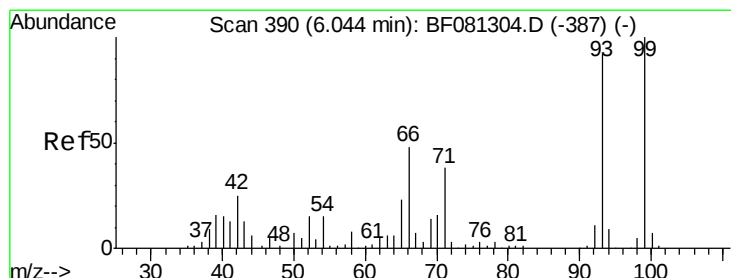
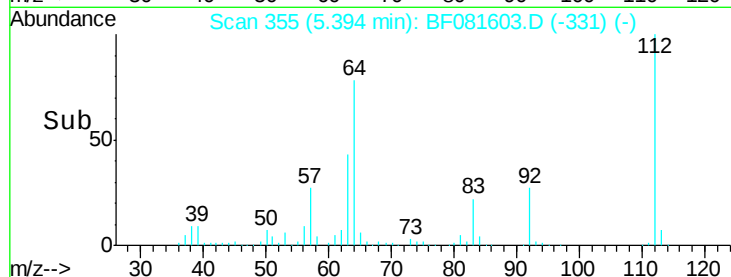
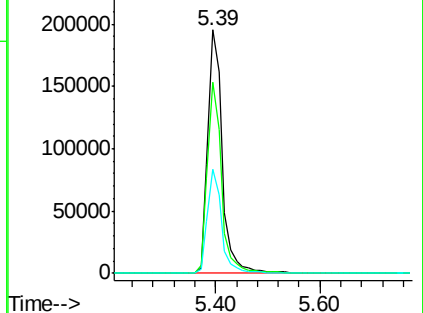
Ion	Ratio	Lower	Upper
112	100		
64	78.5	39.7	59.5#
63	43.0	17.4	26.0#



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: 26.64 ng

RT: 7.53 min Scan# 542

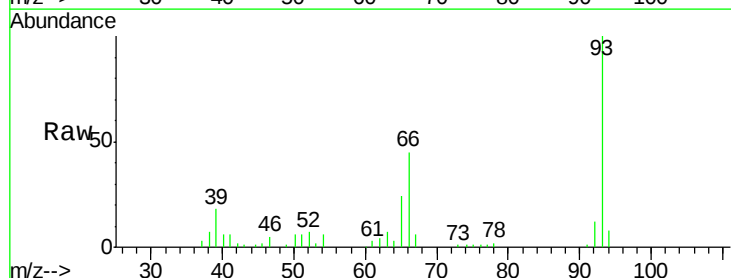
Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Tgt Ion: 93 Resp: 160281

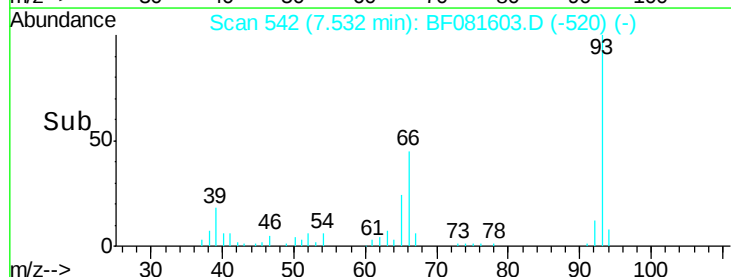
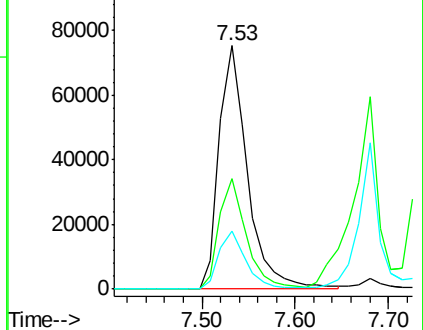
Ion	Ratio	Lower	Upper
93	100		
66	45.2	27.2	40.8#
65	23.6	14.7	22.1#

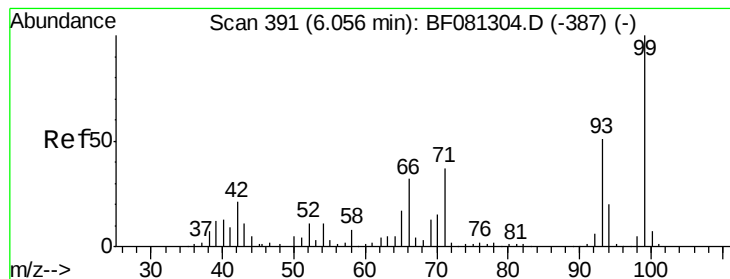


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.84 ng

RT: 7.66 min Scan# 553

Delta R.T. -0.03 min

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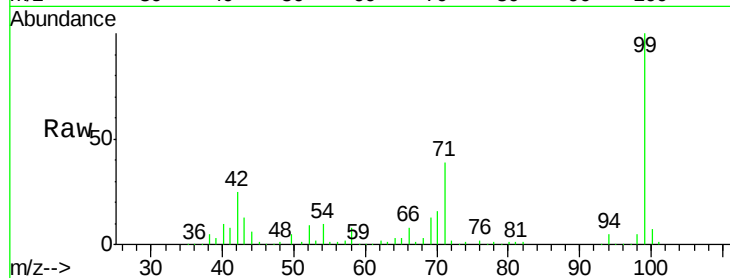
Tgt Ion: 99 Resp: 523299

Ion Ratio Lower Upper

99 100

42 25.2 13.7 20.5#

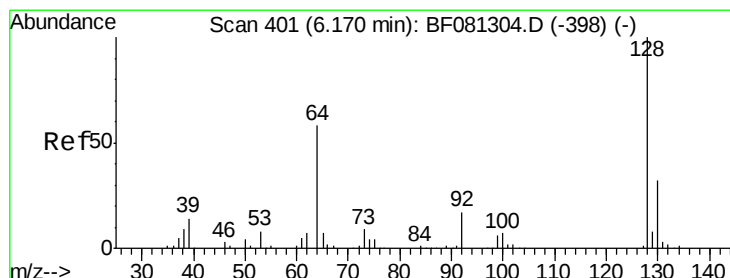
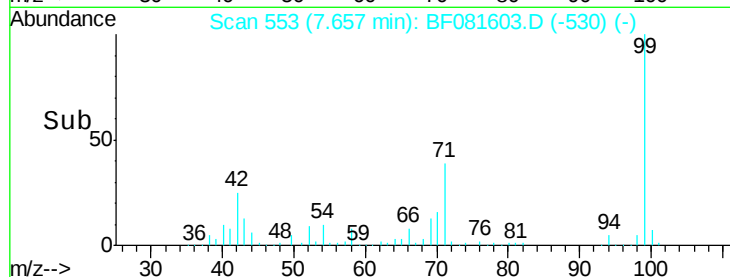
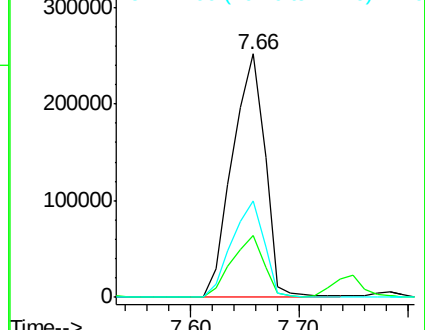
71 39.5 14.2 21.2#



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: 39.13 ng

RT: 7.78 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

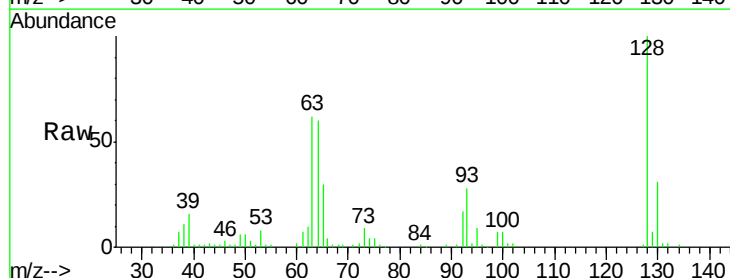
Tgt Ion: 128 Resp: 138776

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

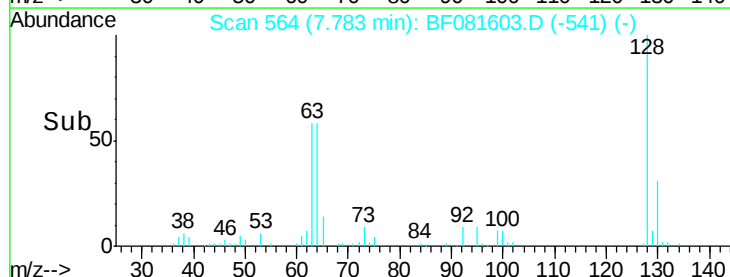
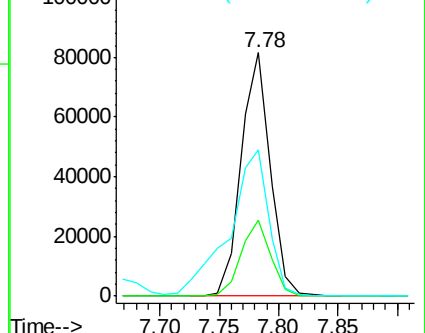
64 60.1 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.21 ng

RT: 7.25 min Scan# 517

Delta R.T. -0.05 min

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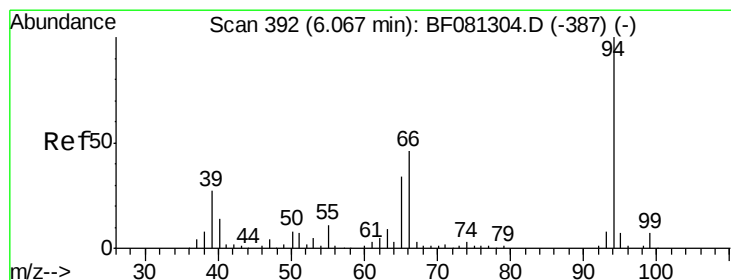
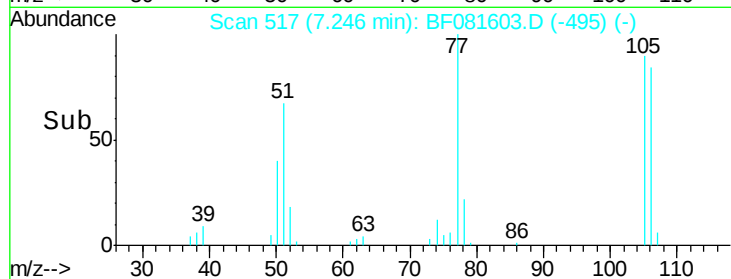
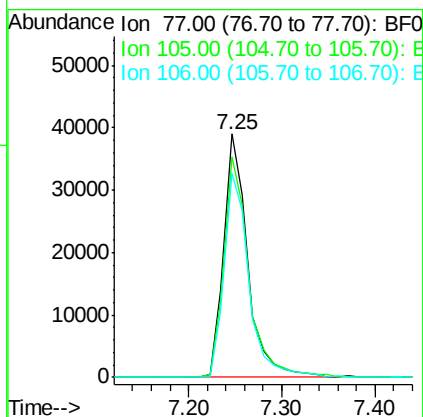
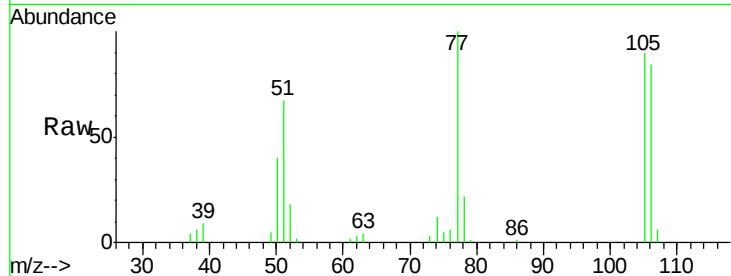
Tgt Ion: 77 Resp: 69960

Ion Ratio Lower Upper

77 100

105 90.5 91.6 131.6#

106 83.9 102.6 142.6#



#10

Phenol

Concen: 38.03 ng

RT: 7.68 min Scan# 555

Delta R.T. -0.03 min

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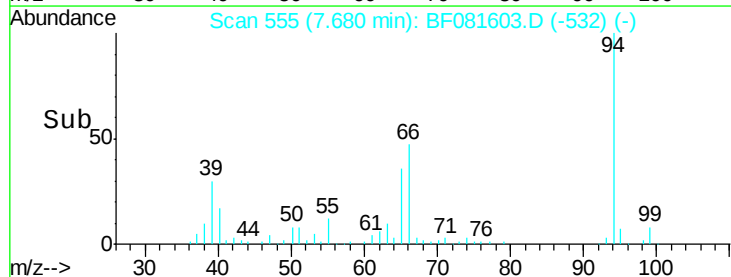
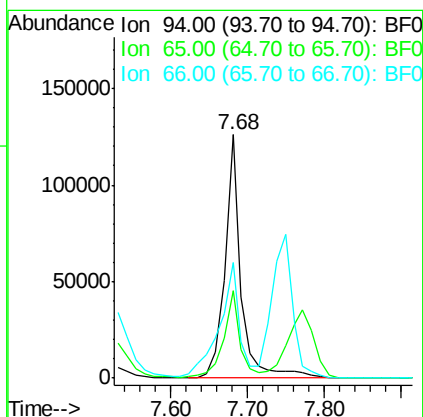
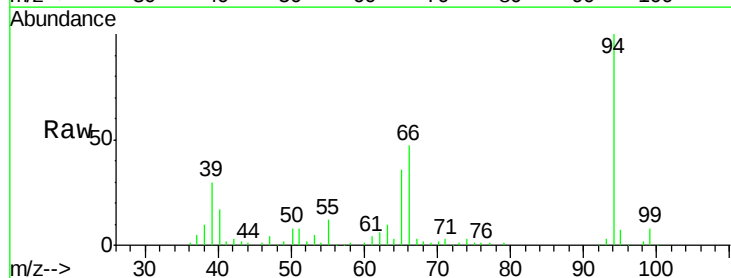
Tgt Ion: 94 Resp: 187902

Ion Ratio Lower Upper

94 100

65 35.9 0.7 40.7

66 47.2 0.8 40.8#

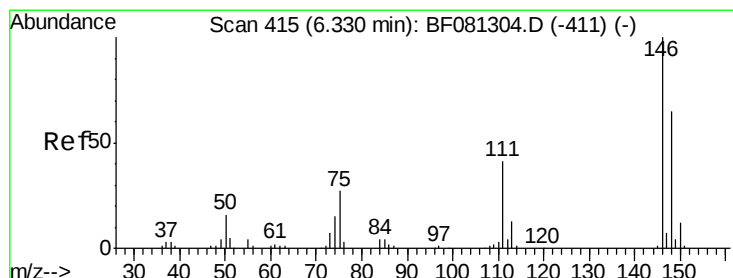
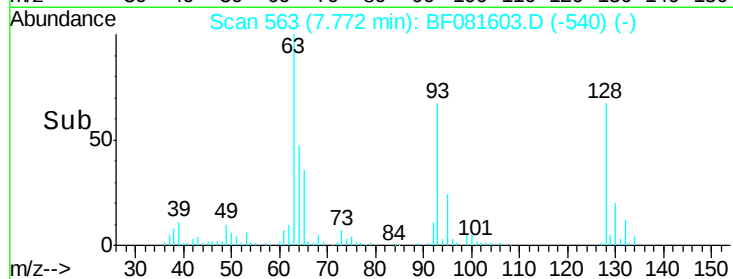
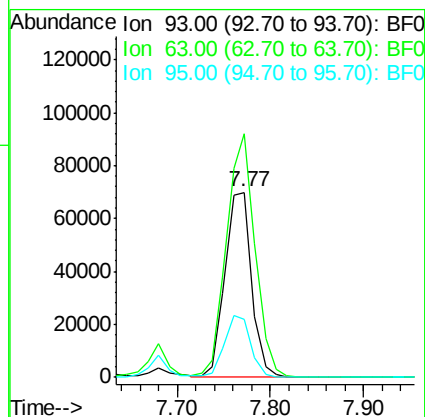
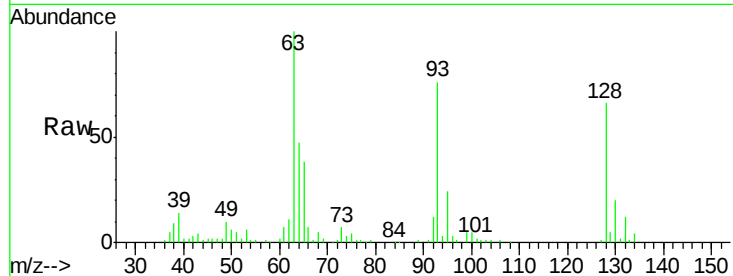




#11
bis(2-Chloroethyl)ether
Concen: 39.26 ng
RT: 7.77 min Scan# 563
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

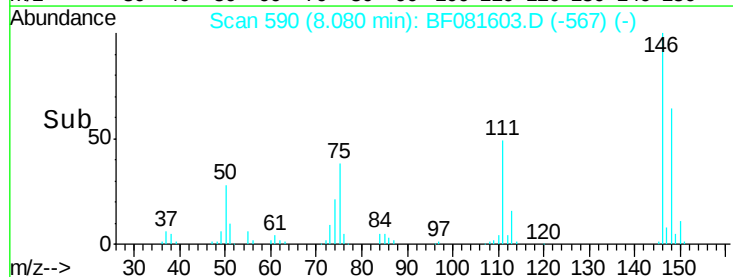
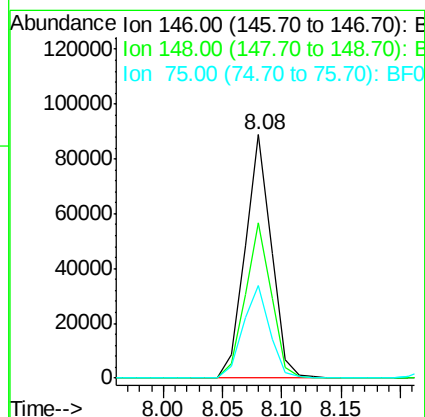
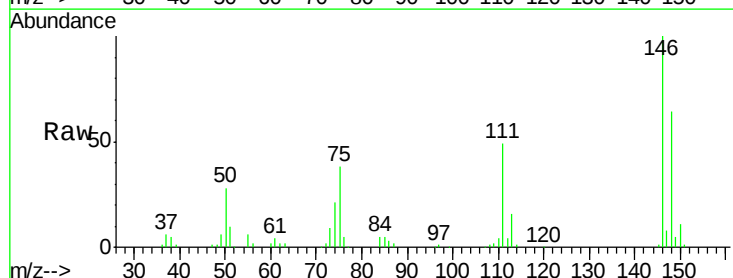
Instrument :
BNA_F
ClientSampleId :
PB85471BS

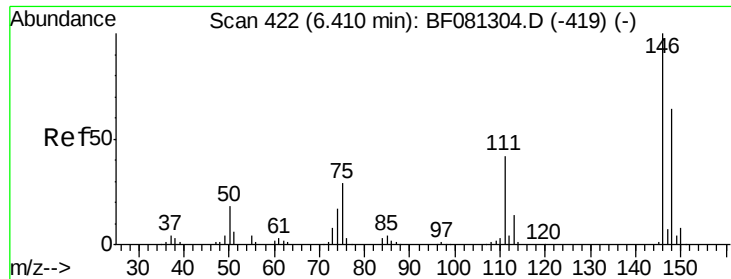
Tgt Ion: 93 Resp: 139932
Ion Ratio Lower Upper
93 100
63 131.4 65.6 105.6#
95 31.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.25 ng
RT: 8.08 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion: 146 Resp: 137366
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 38.2 15.0 22.6#

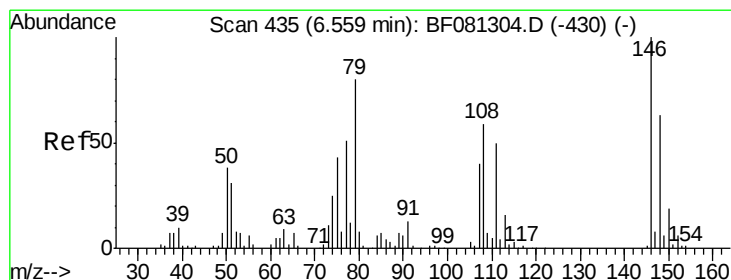
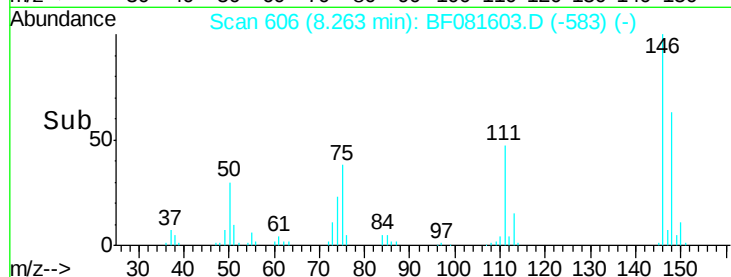
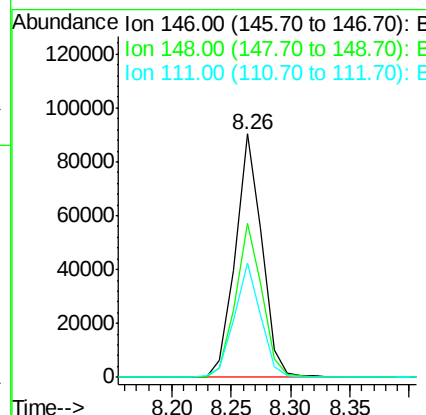
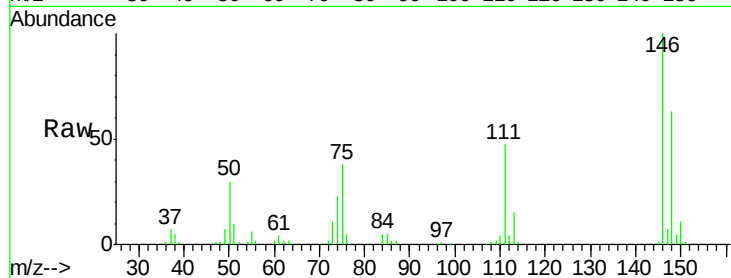




#13
 1,4-Dichlorobenzene
 Concen: 36.52 ng
 RT: 8.26 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

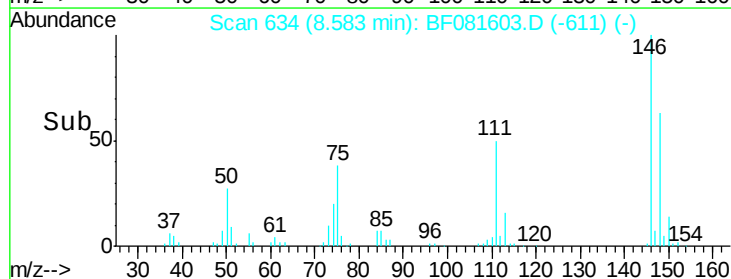
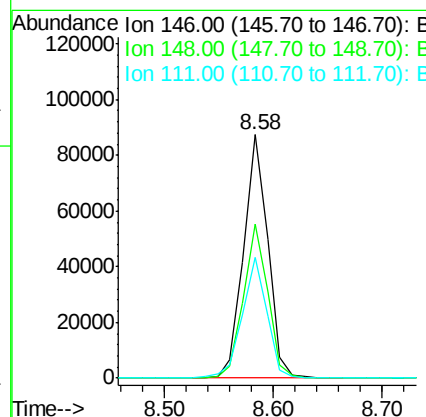
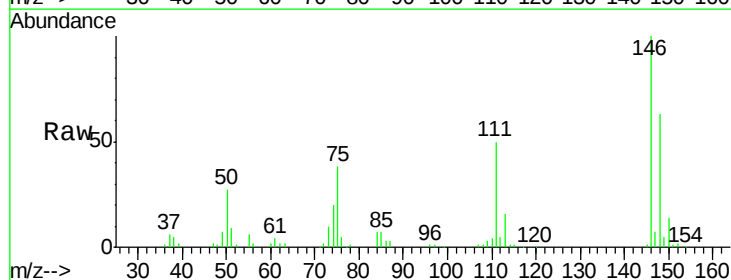
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

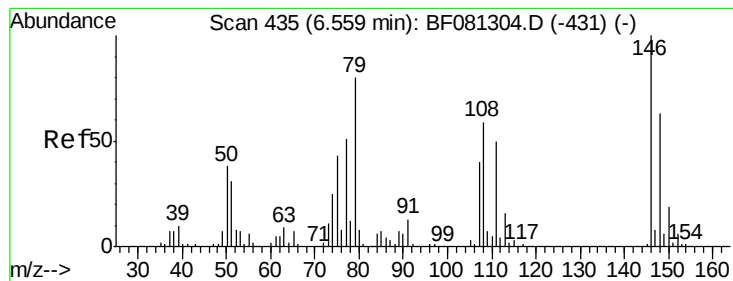
Tgt Ion:146 Resp: 140908
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 46.8 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 38.72 ng
 RT: 8.58 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:146 Resp: 134508
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.7 79.1
 111 49.7 28.8 43.2#





#15

Benzyl Alcohol

Concen: 39.84 ng

RT: 8.67 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

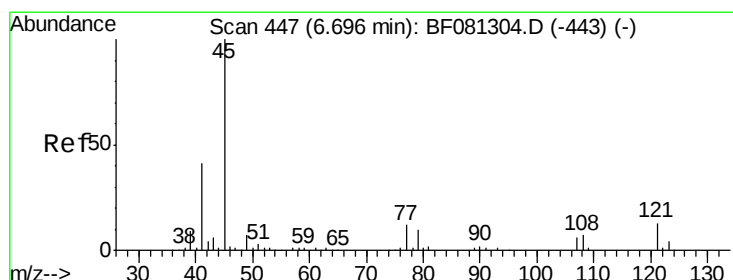
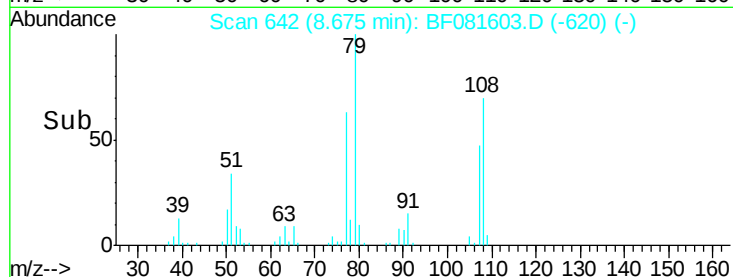
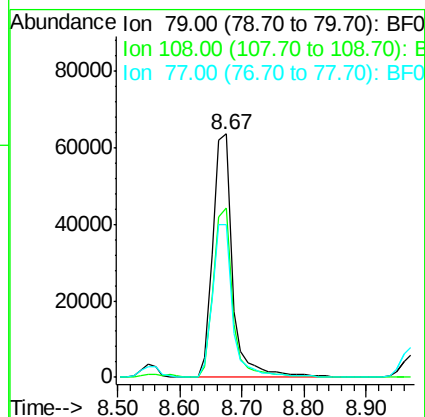
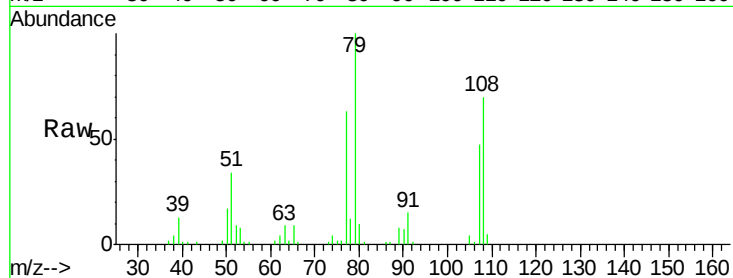
Tgt Ion: 79 Resp: 139213

Ion Ratio Lower Upper

79 100

108 69.8 88.6 132.8#

77 62.8 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.44 ng

RT: 8.99 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

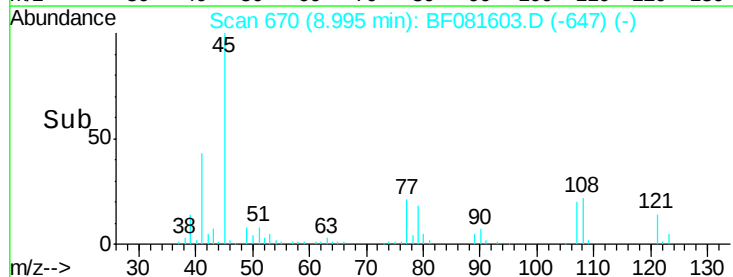
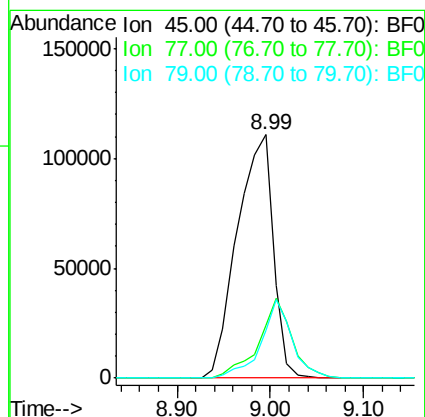
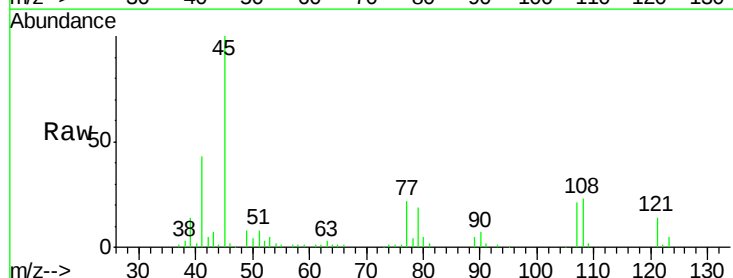
Tgt Ion: 45 Resp: 296803

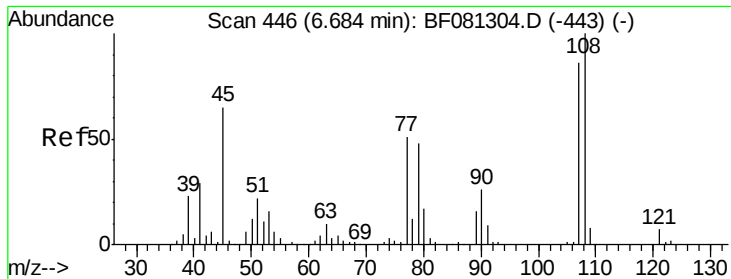
Ion Ratio Lower Upper

45 100

77 21.7 0.0 28.1

79 19.4 0.0 26.0

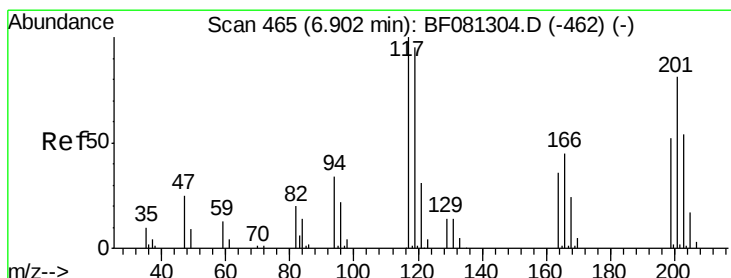
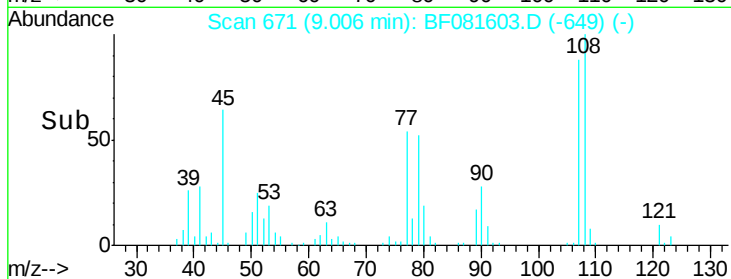
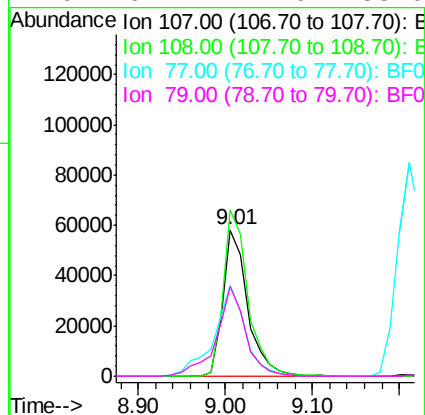
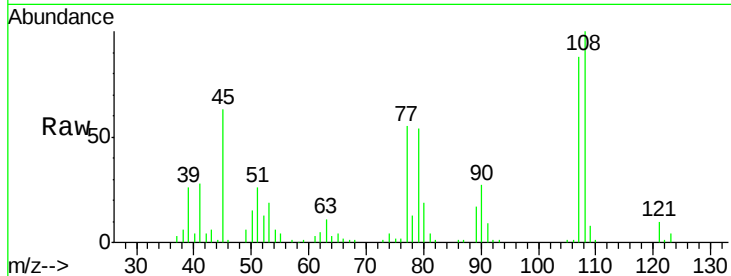




#17
2-Methylphenol
Concen: 40.69 ng
RT: 9.01 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

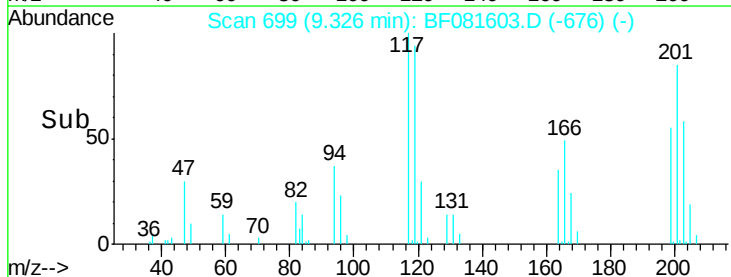
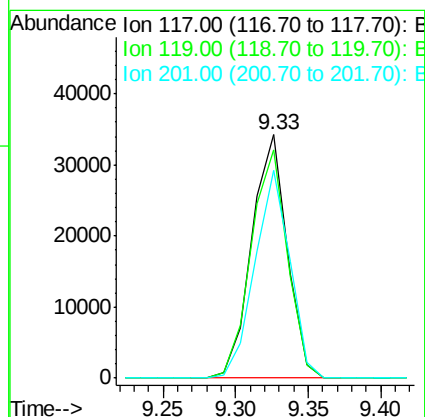
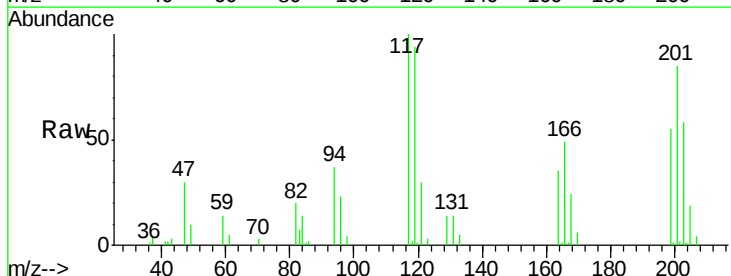
Instrument :
BNA_F
ClientSampleId :
PB85471BS

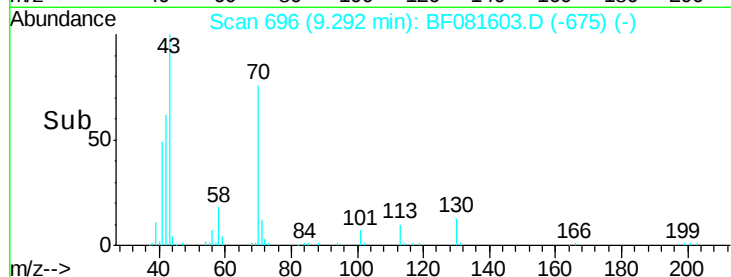
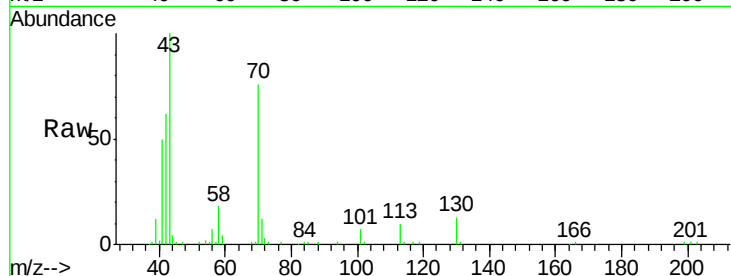
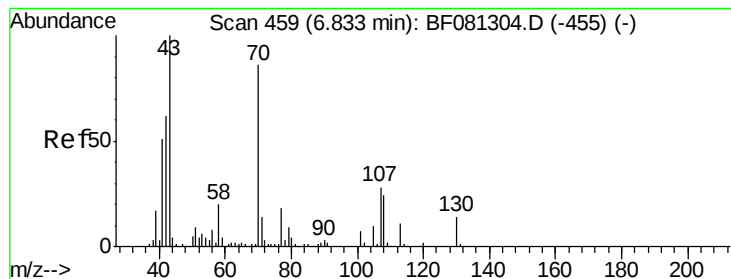
Tgt Ion:107 Resp: 115132
Ion Ratio Lower Upper
107 100
108 114.0 96.6 145.0
77 62.5 23.3 34.9#
79 61.4 22.0 33.0#



#18
Hexachloroethane
Concen: 38.48 ng
RT: 9.33 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:117 Resp: 57759
Ion Ratio Lower Upper
117 100
119 93.6 83.8 125.6
201 85.4 55.1 82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 40.44 ng

RT: 9.29 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

Tgt Ion: 70 Resp: 117258

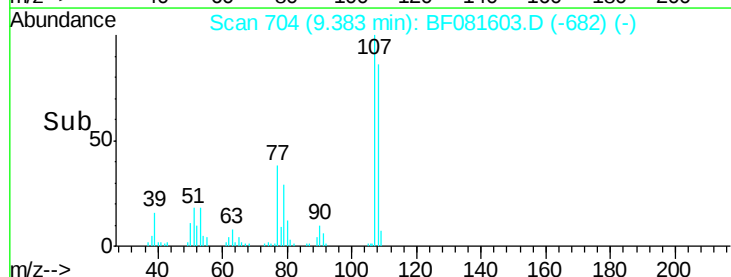
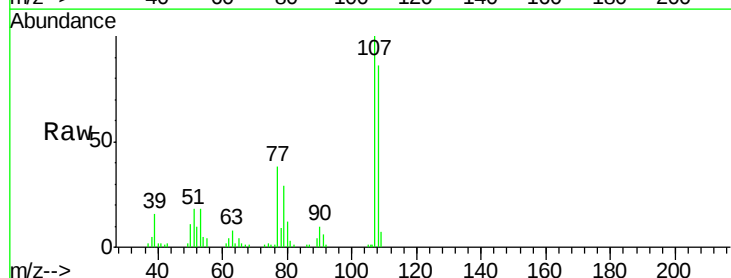
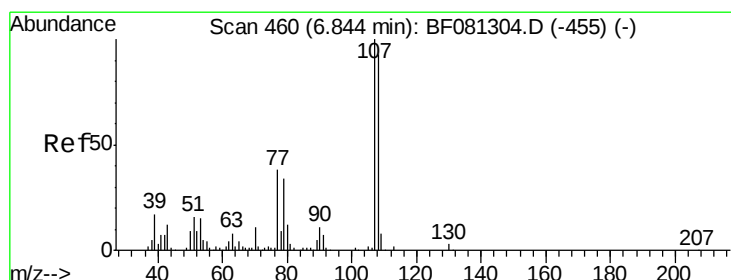
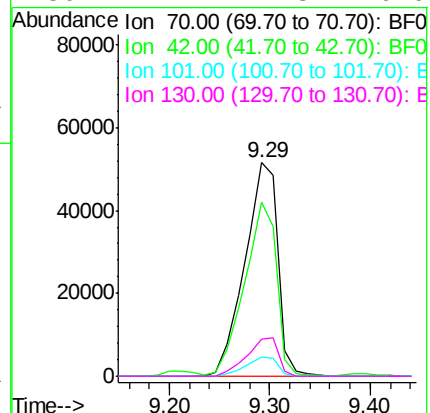
Ion Ratio Lower Upper

70 100

42 81.6 63.8 95.6

101 8.9 9.2 13.8#

130 17.4 27.3 40.9#



#20

3+4-Methylphenols

Concen: 39.27 ng

RT: 9.38 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Tgt Ion: 107 Resp: 149812

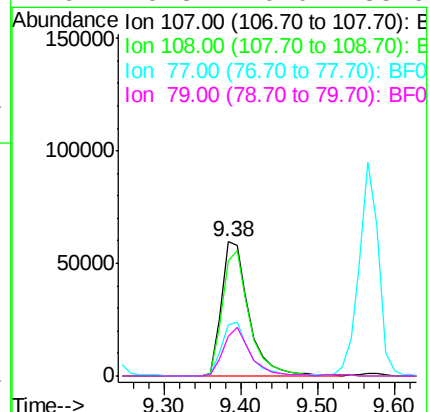
Ion Ratio Lower Upper

107 100

108 85.7 74.6 114.6

77 38.0 0.7 40.7

79 29.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.13 min Scan# 857

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

Tgt Ion:136 Resp: 203238

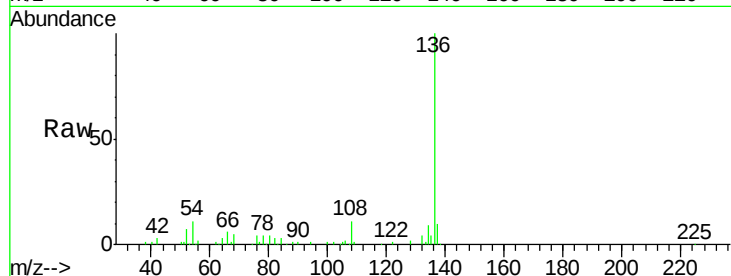
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 10.9 8.2 12.2

68 4.8 5.8 8.6#

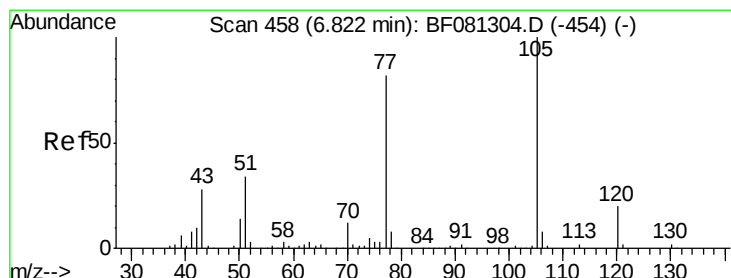
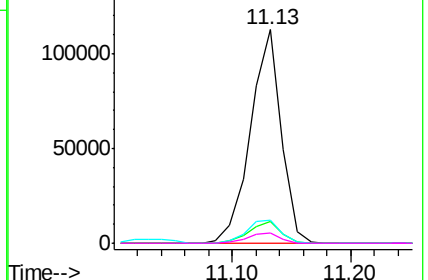
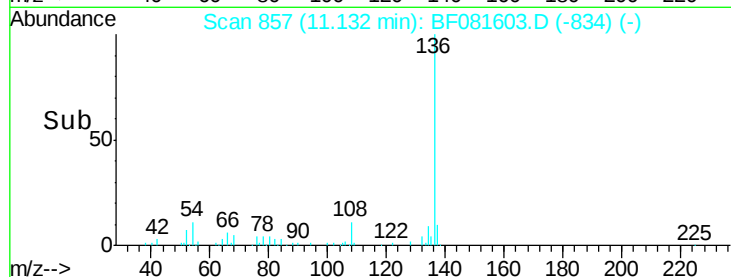


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.56 ng

RT: 9.21 min Scan# 689

Delta R.T. -0.06 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Tgt Ion:105 Resp: 208514

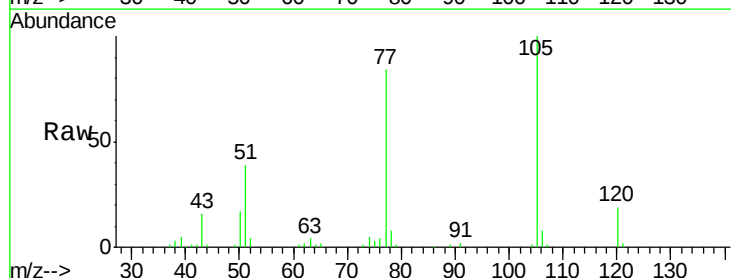
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 38.5 22.0 33.0#

120 19.3 30.1 45.1#

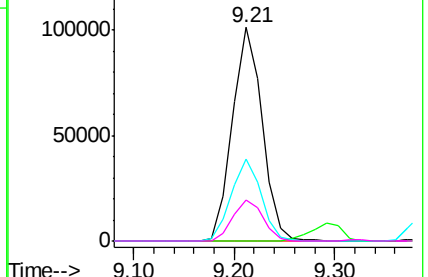
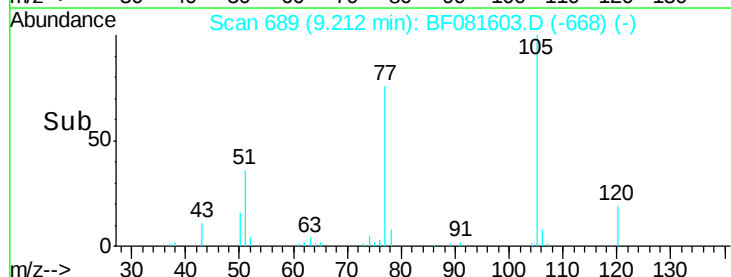


Abundance Ion 105.00 (104.70 to 105.70): E

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

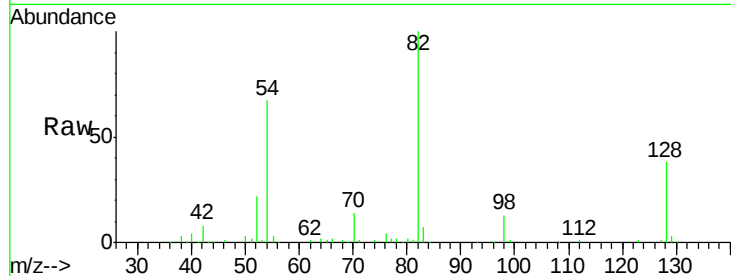




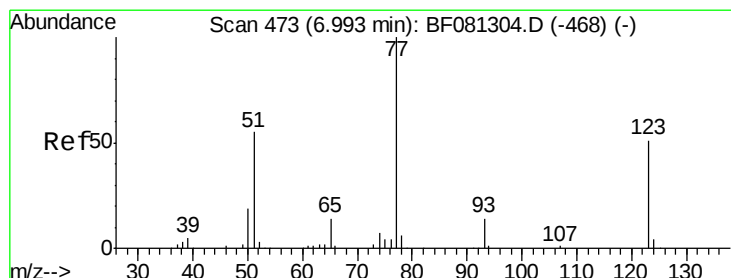
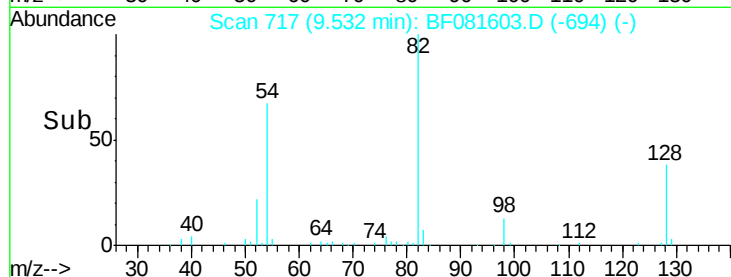
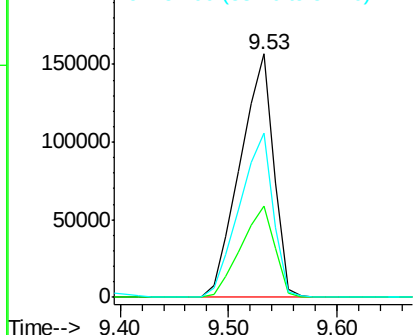
#23
 Nitrobenzene-d5
 Concen: 79.62 ng
 RT: 9.53 min Scan# 717
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion: 82 Resp: 335410
 Ion Ratio Lower Upper
 82 100
 128 37.5 51.0 76.6#
 54 67.2 47.5 71.3

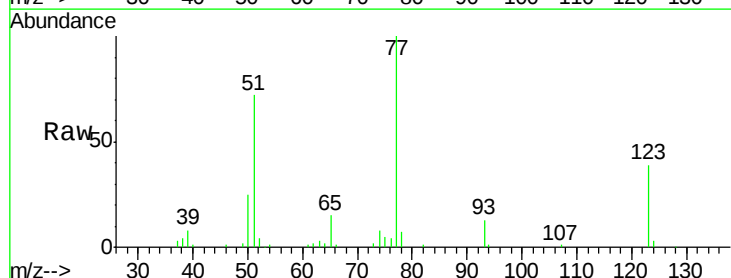


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

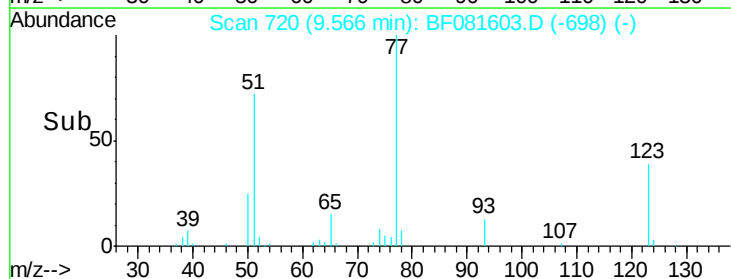
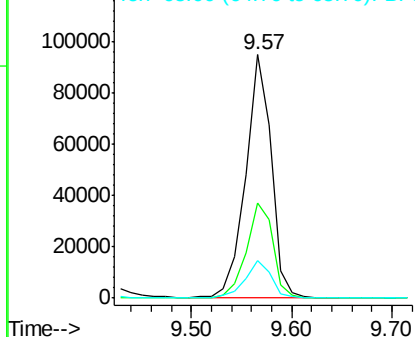


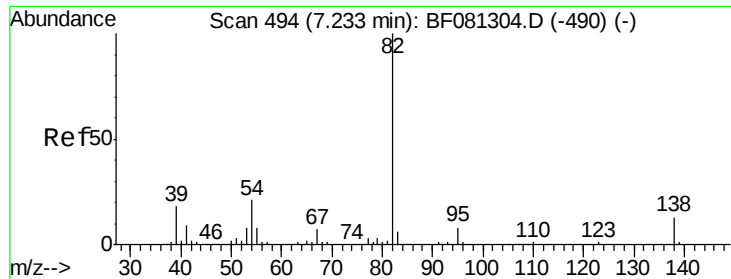
#24
 Nitrobenzene
 Concen: 38.49 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.05 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion: 77 Resp: 168391
 Ion Ratio Lower Upper
 77 100
 123 39.3 59.8 89.8#
 65 15.2 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: 38.47 ng

RT: 10.17 min Scan# 773

Delta R.T. -0.06 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

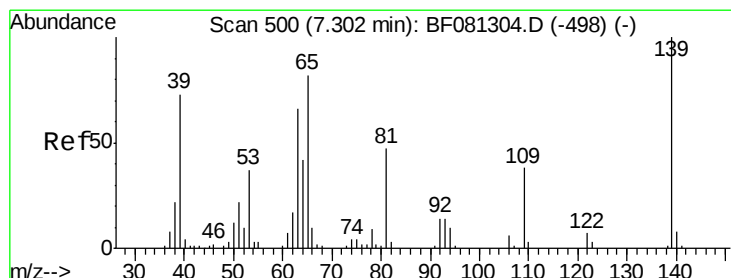
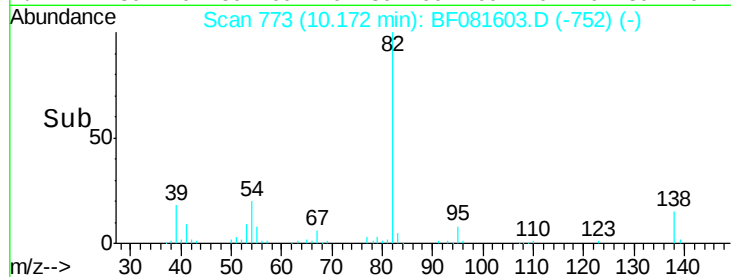
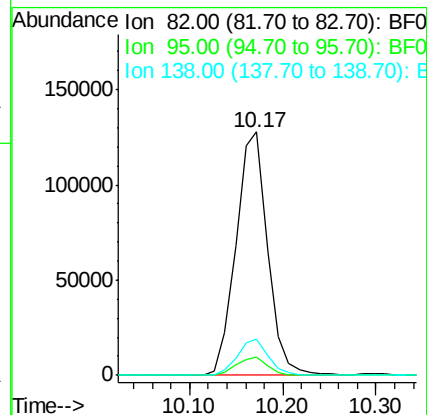
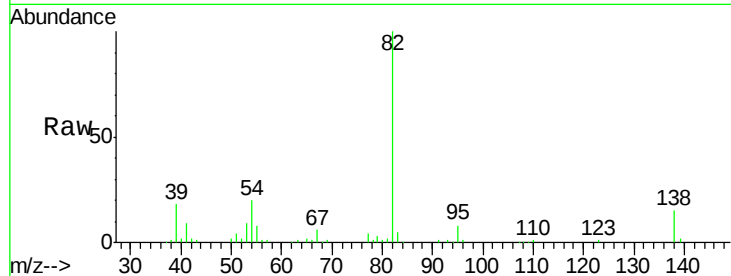
Tgt Ion: 82 Resp: 301434

Ion Ratio Lower Upper

82 100

95 7.6 4.0 6.0#

138 15.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 37.19 ng

RT: 10.30 min Scan# 784

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

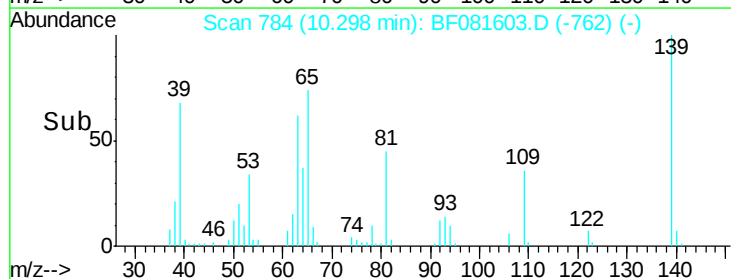
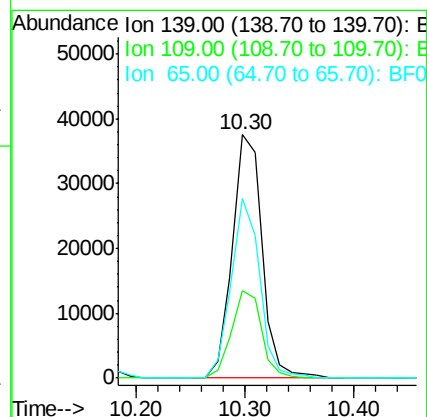
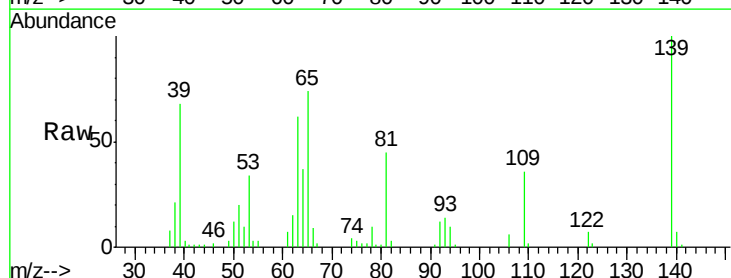
Tgt Ion: 139 Resp: 70901

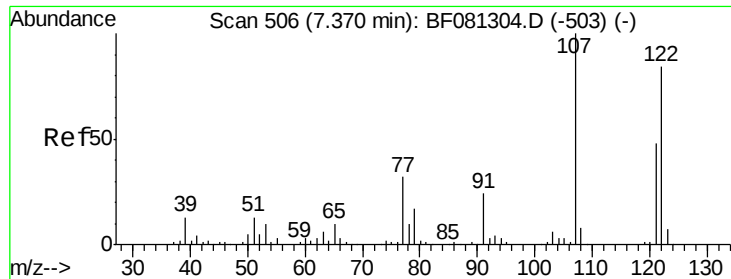
Ion Ratio Lower Upper

139 100

109 35.9 11.0 16.4#

65 73.9 24.7 37.1#

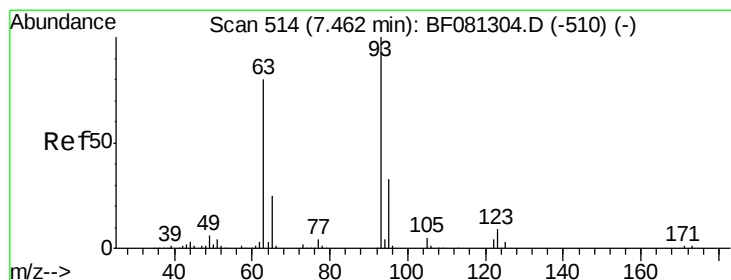
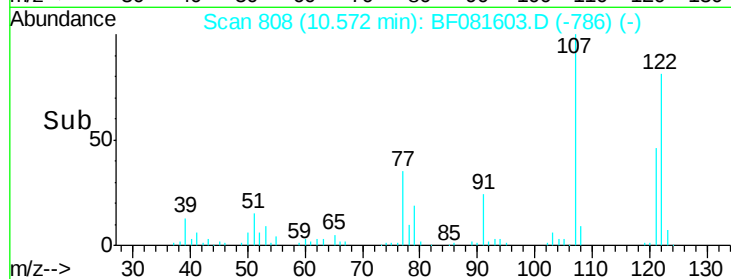
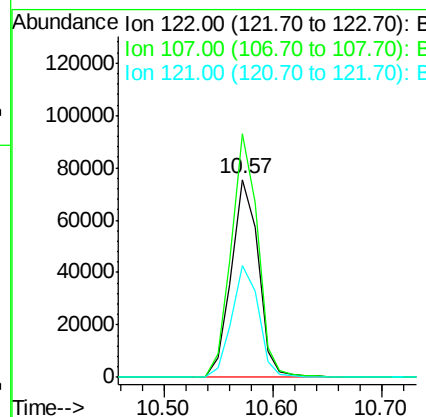
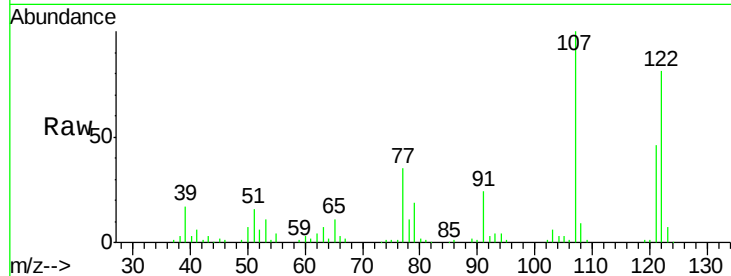




#27
 2,4-Dimethylphenol
 Concen: 39.42 ng
 RT: 10.57 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

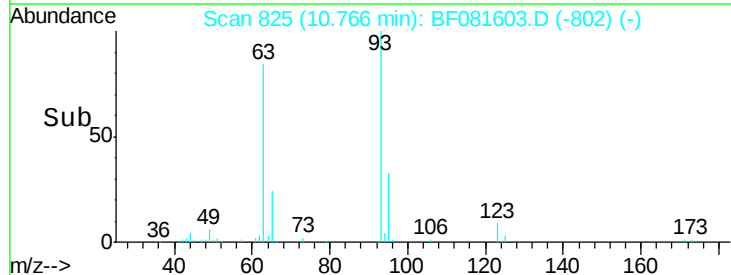
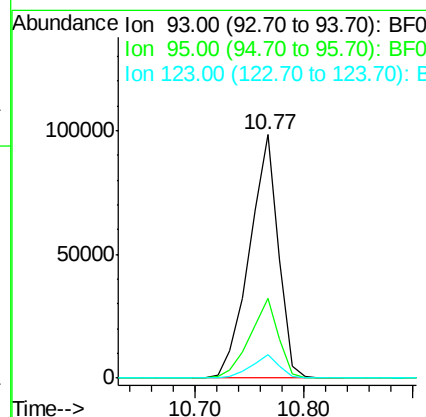
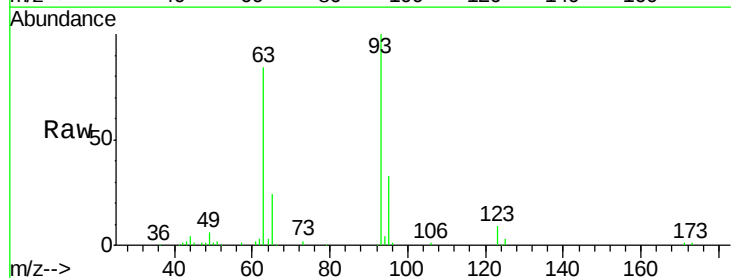
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

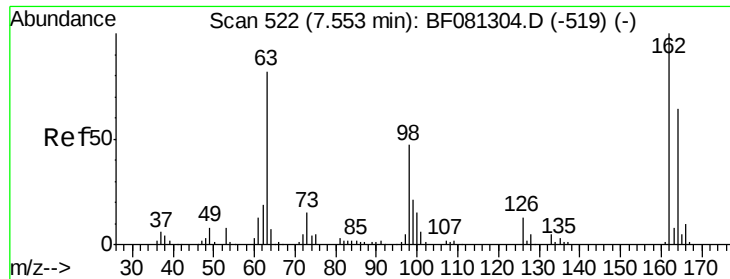
Tgt Ion:122 Resp: 129801
 Ion Ratio Lower Upper
 122 100
 107 123.3 71.8 107.6#
 121 56.4 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.11 ng
 RT: 10.77 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion: 93 Resp: 181534
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 9.4 13.7 20.5#

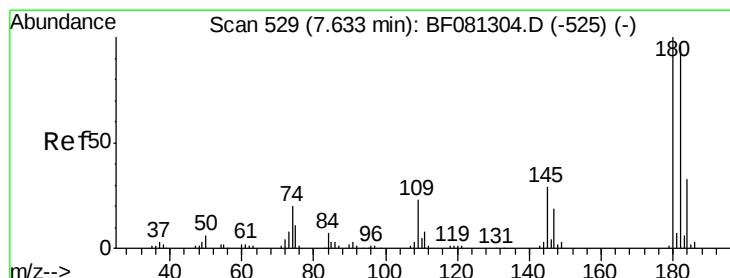
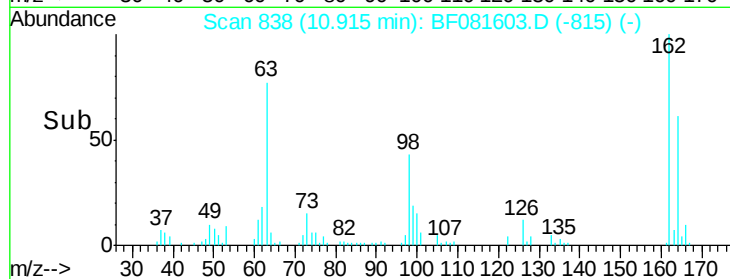
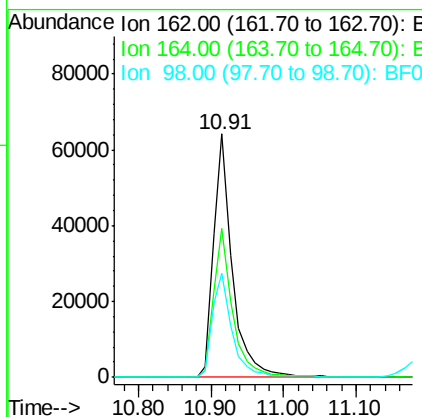
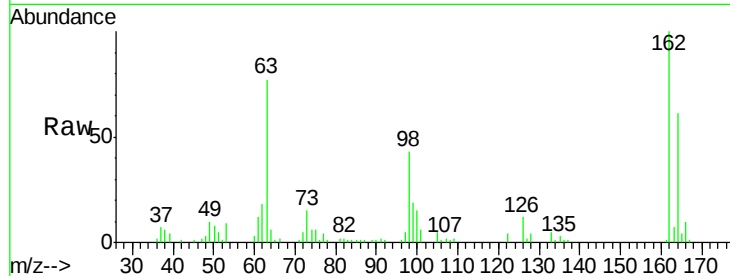




#29
 2,4-Dichlorophenol
 Concen: 40.40 ng
 RT: 10.91 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

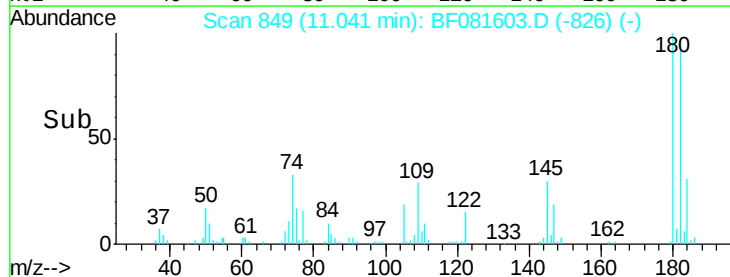
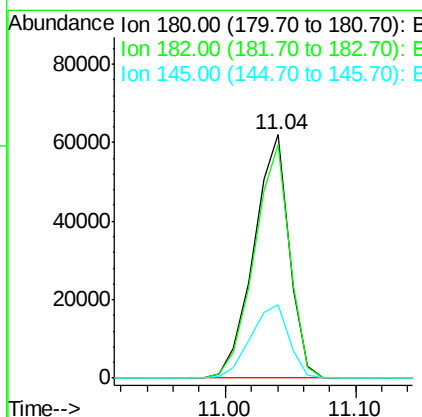
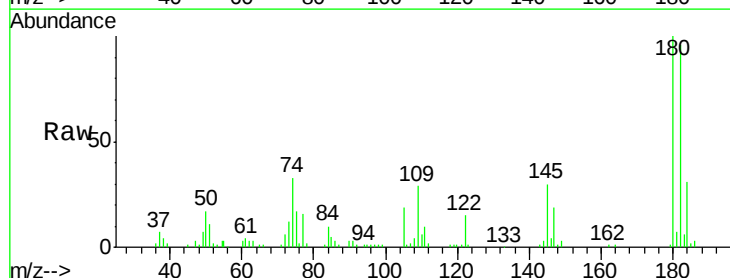
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

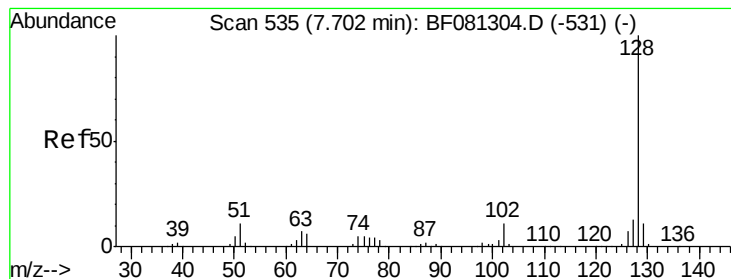
Tgt Ion:162 Resp: 115359
 Ion Ratio Lower Upper
 162 100
 164 61.0 44.9 84.9
 98 42.6 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 11.04 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:180 Resp: 117291
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.1 115.7
 145 30.2 23.3 34.9





#31

Naphthalene

Concen: 37.55 ng

RT: 11.18 min Scan# 861

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

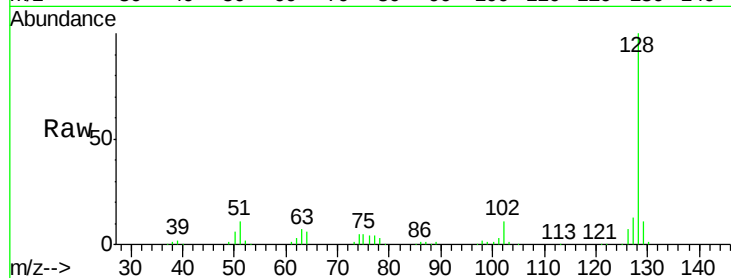
Tgt Ion:128 Resp: 407000

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

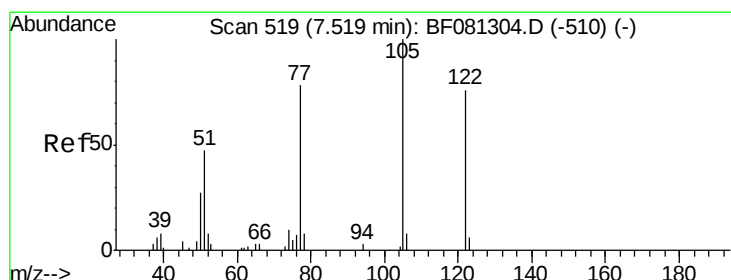
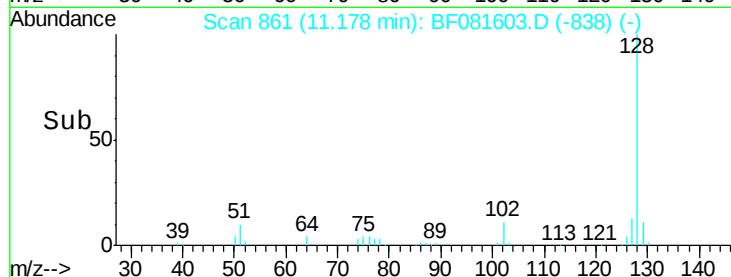
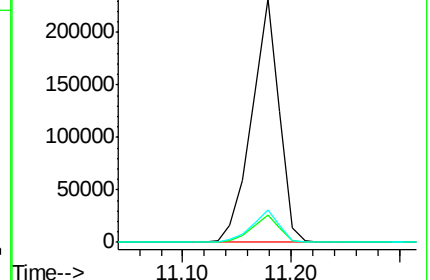
127 13.4 9.9 14.9



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: 32.62 ng

RT: 11.06 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

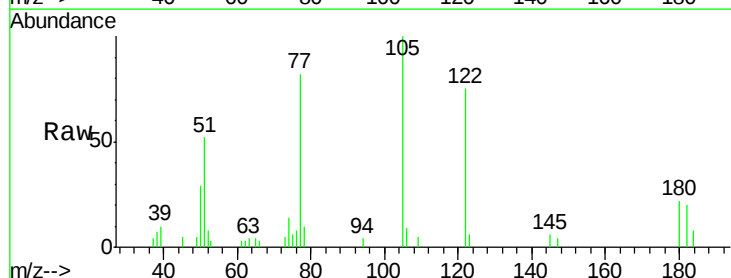
Tgt Ion:122 Resp: 74672

Ion Ratio Lower Upper

122 100

105 132.8 76.1 116.1#

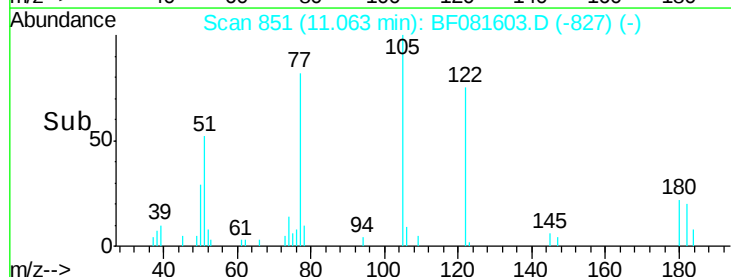
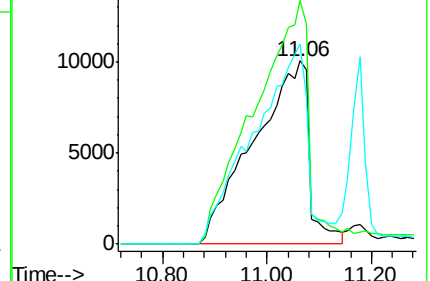
77 109.1 40.5 80.5#

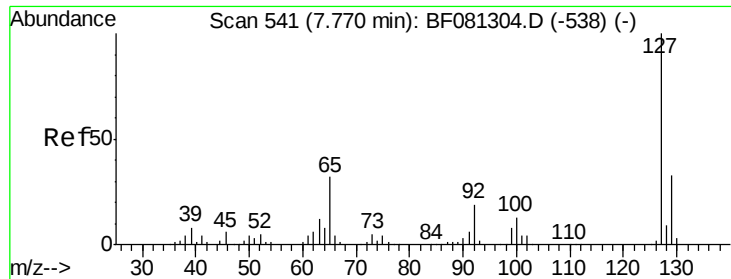


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

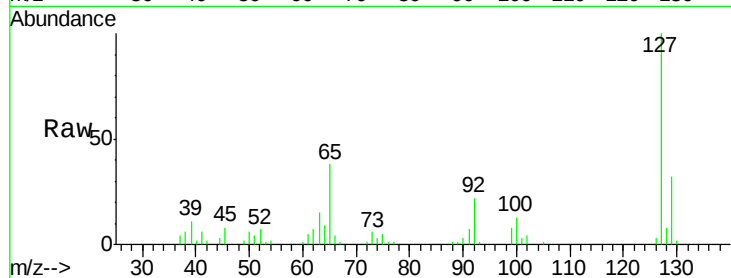




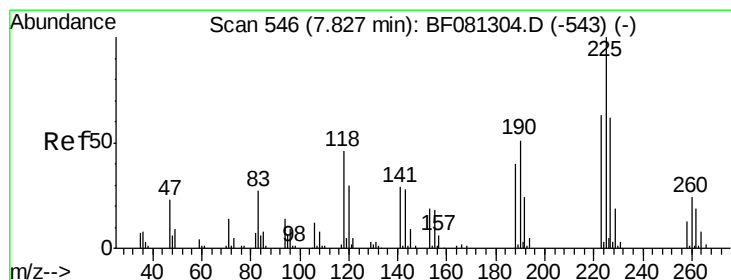
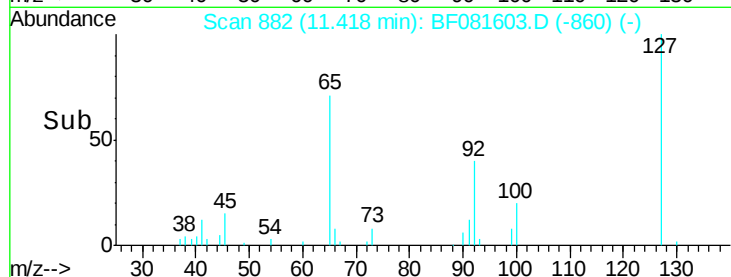
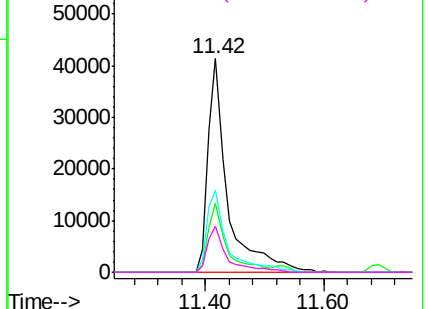
#33
4-Chloroaniline
Concen: 21.55 ng
RT: 11.42 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Instrument :
BNA_F
ClientSampleId :
PB85471BS

Tgt Ion:127 Resp: 95256
Ion Ratio Lower Upper
127 100
129 32.2 25.8 38.6
65 38.3 17.9 26.9#
92 21.5 10.5 15.7#

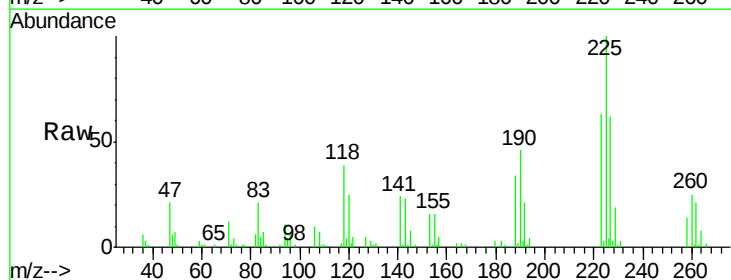


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

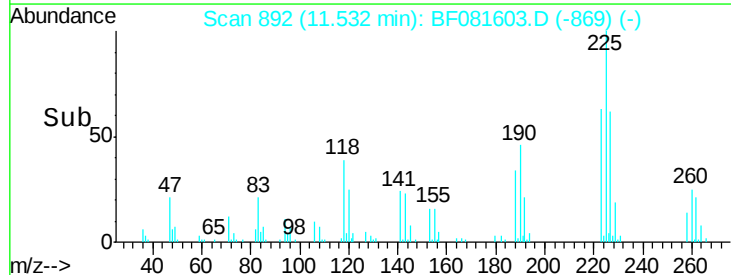
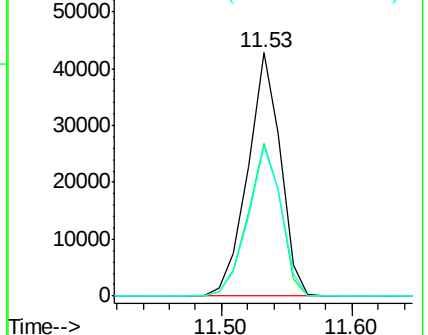


#34
Hexachlorobutadiene
Concen: 39.70 ng
RT: 11.53 min Scan# 892
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:225 Resp: 74948
Ion Ratio Lower Upper
225 100
223 62.7 50.2 75.2
227 61.6 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

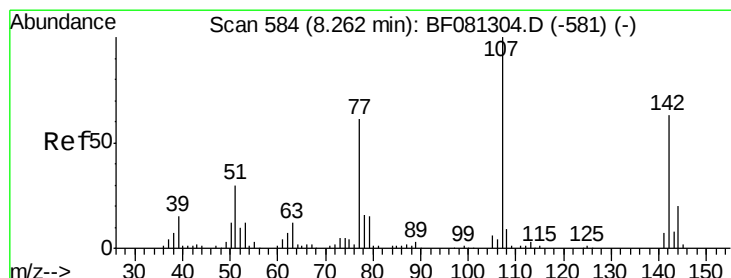
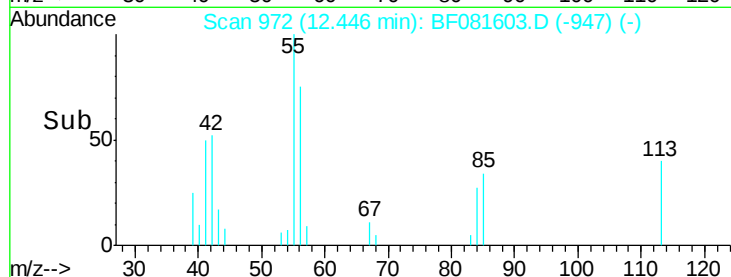
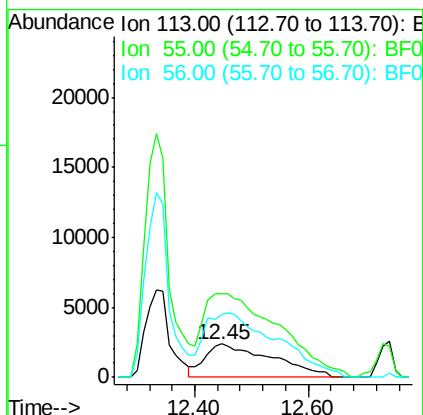
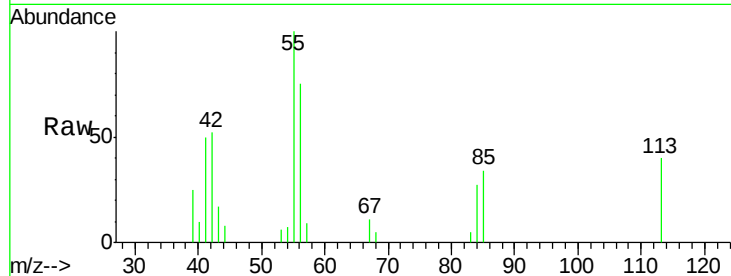




#35
 Caprolactam
 Concen: 22.23 ng
 RT: 12.45 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

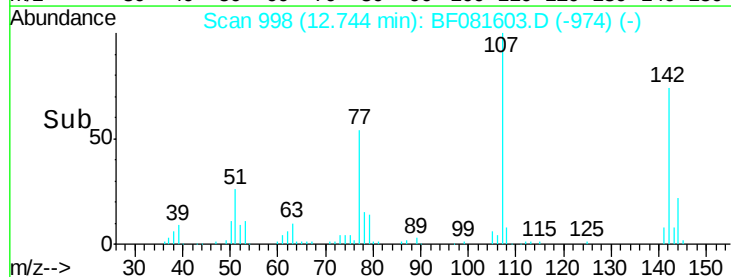
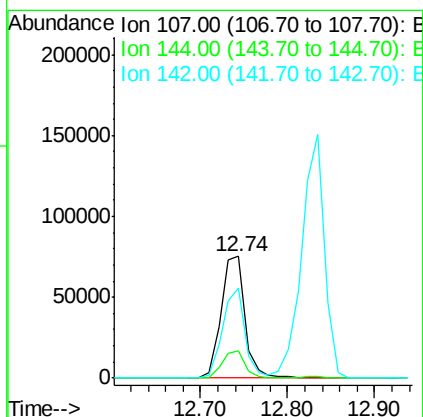
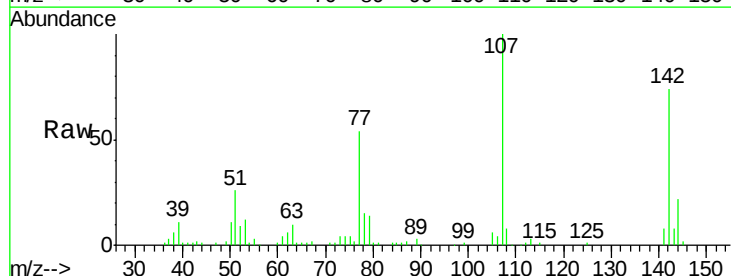
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

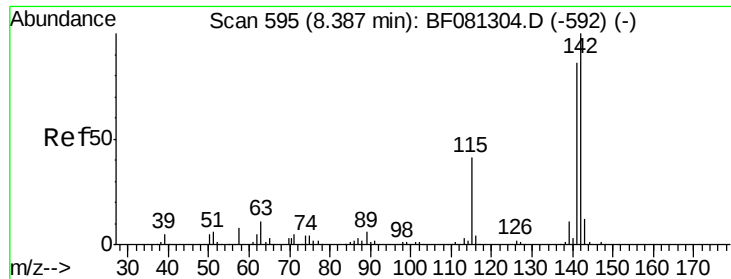
Tgt Ion:113 Resp: 19467
 Ion Ratio Lower Upper
 113 100
 55 251.9 152.4 192.4#
 56 188.3 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 45.23 ng
 RT: 12.74 min Scan# 998
 Delta R.T. -0.02 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:107 Resp: 144588
 Ion Ratio Lower Upper
 107 100
 144 22.2 25.4 38.0#
 142 73.5 77.3 115.9#

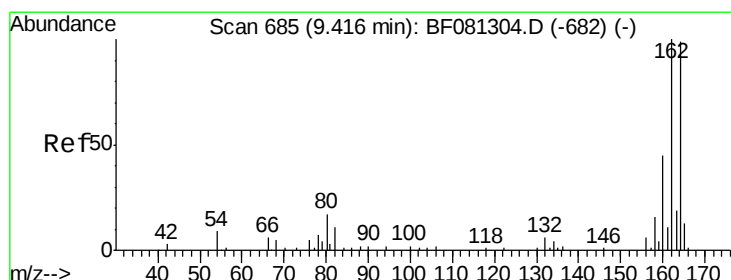
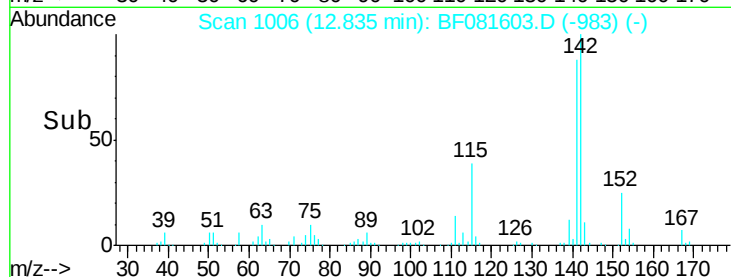
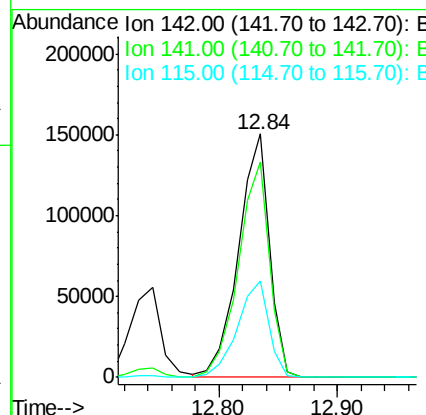
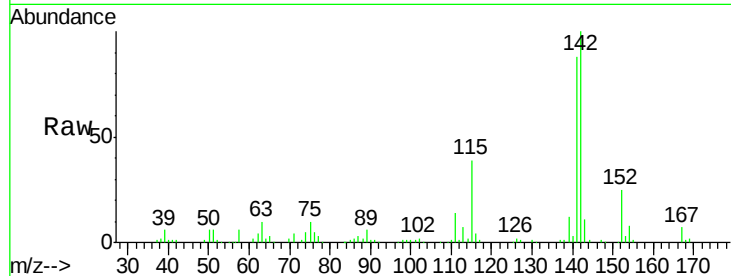




#37
 2-Methylnaphthalene
 Concen: 38.90 ng
 RT: 12.84 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

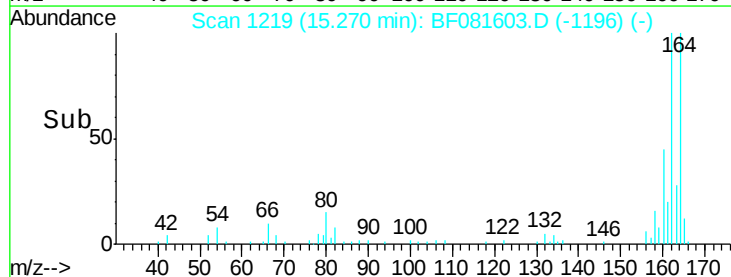
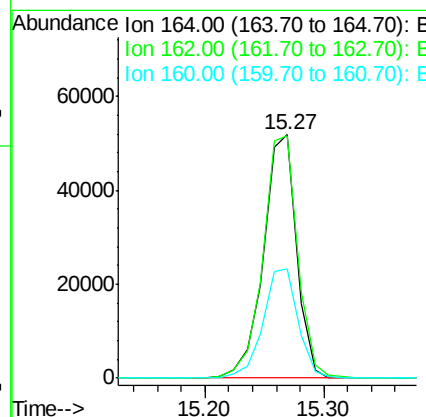
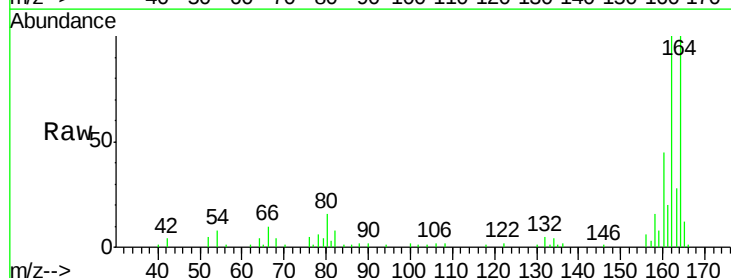
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

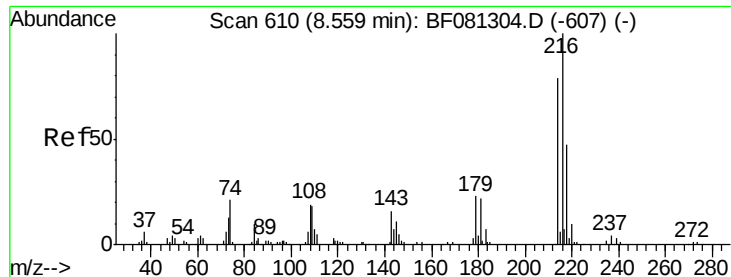
Tgt Ion:142 Resp: 274366
 Ion Ratio Lower Upper
 142 100
 141 88.4 67.5 101.3
 115 39.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:164 Resp: 100518
 Ion Ratio Lower Upper
 164 100
 162 99.8 75.2 112.8
 160 44.8 31.5 47.3

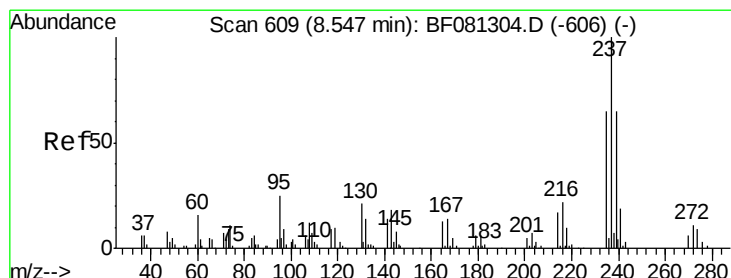
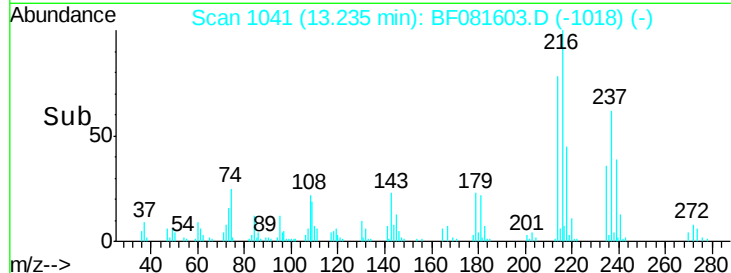
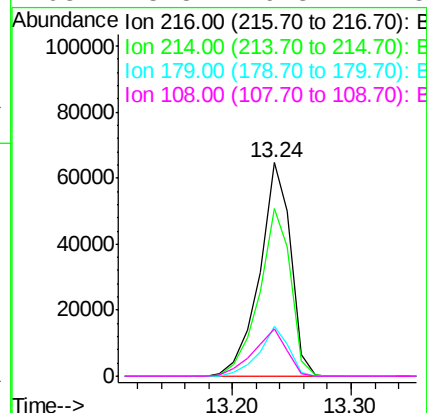
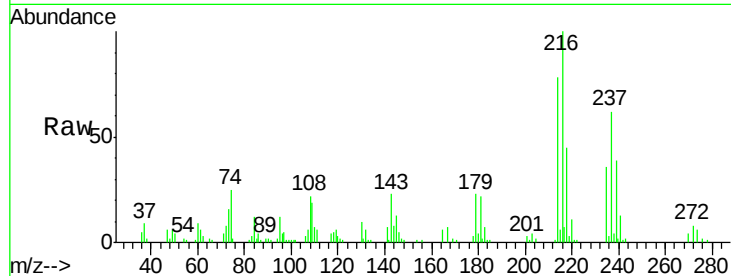




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.11 ng
 RT: 13.24 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

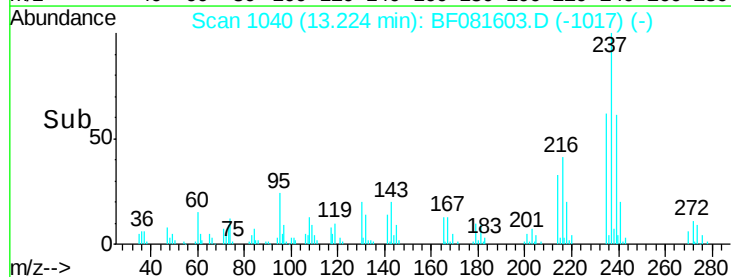
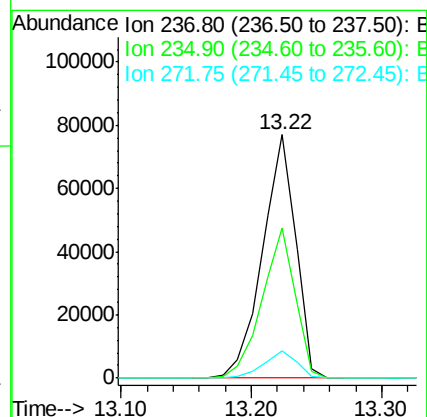
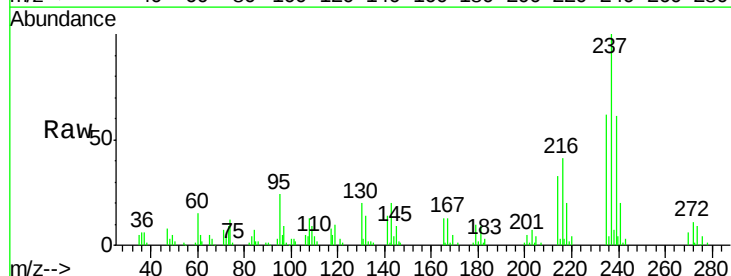
Instrument :
 BNA_F
 ClientSampleID :
 PB85471BS

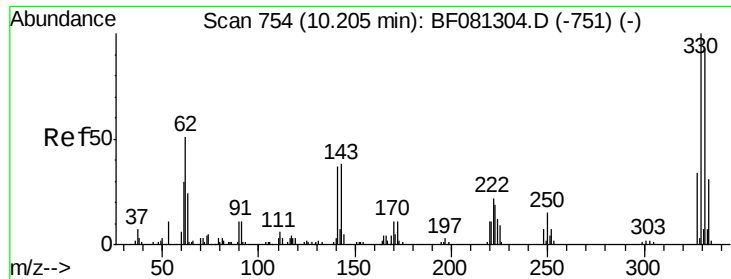
Tgt Ion:	216	Resp:	117968
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.5	95.3
179	22.1	16.6	24.8
108	23.8	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 87.31 ng
 RT: 13.22 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:	237	Resp:	136205
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.0	82.0
272	11.1	0.0	36.1

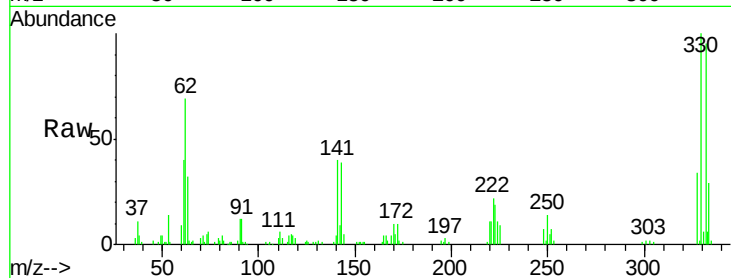




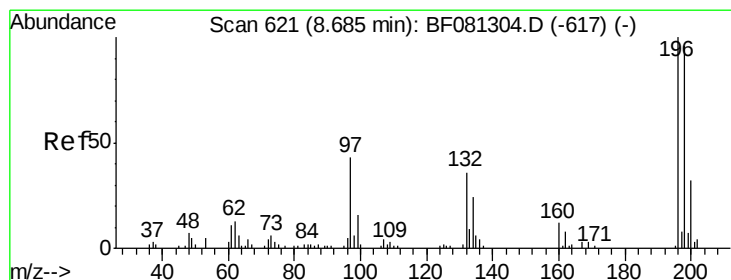
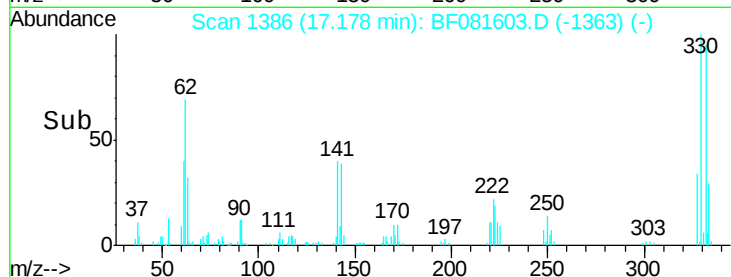
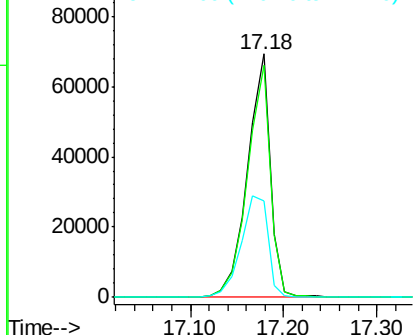
#41
 2,4,6-Tribromophenol
 Concen: 132.08 ng
 RT: 17.18 min Scan# 1386
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion:330 Resp: 118212
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 49.0 29.7 44.5#

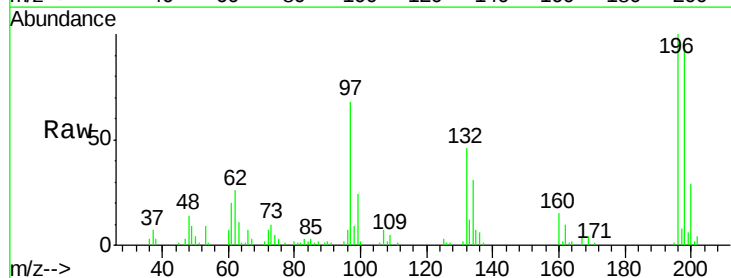


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

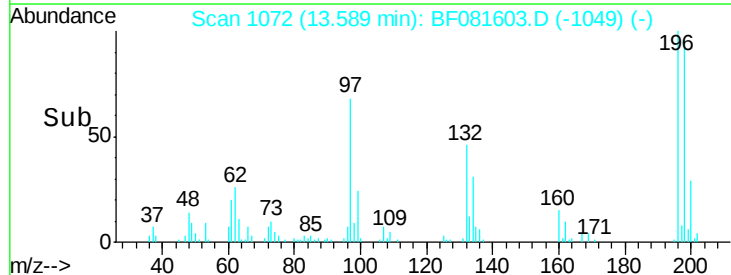
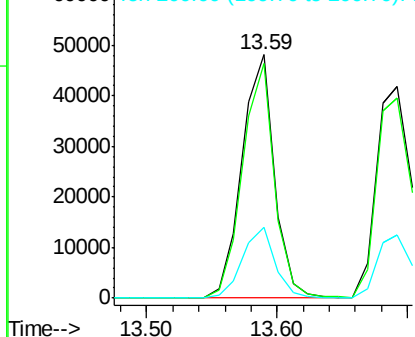


#42
 2,4,6-Trichlorophenol
 Concen: 38.06 ng
 RT: 13.59 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:196 Resp: 83506
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 29.2 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

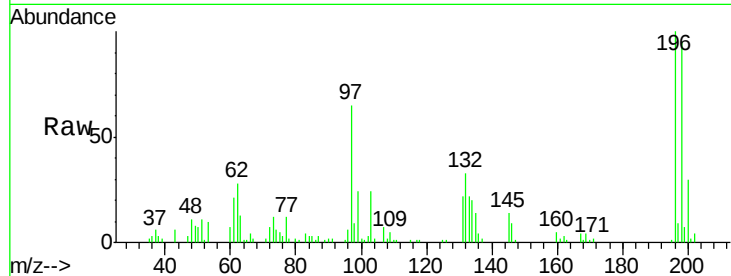




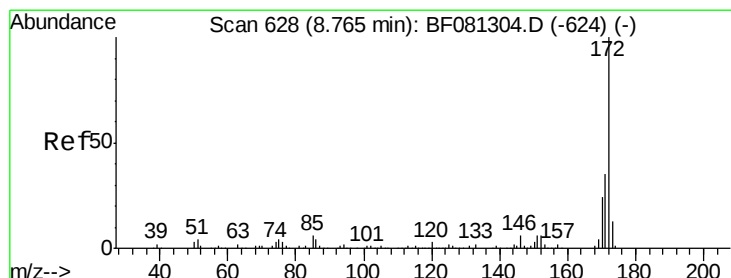
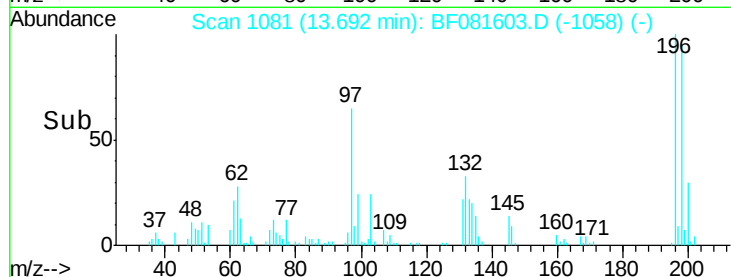
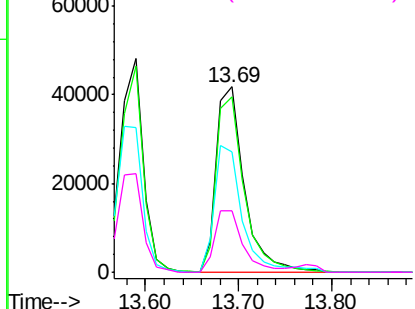
#43
 2,4,5-Trichlorophenol
 Concen: 39.27 ng
 RT: 13.69 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion:196 Resp: 87889
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.4 113.0
 97 65.0 33.3 49.9#
 132 33.3 24.6 37.0

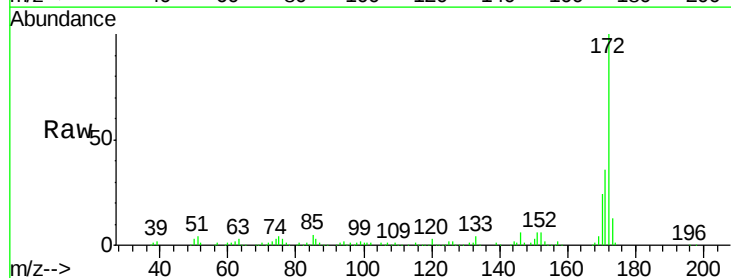


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

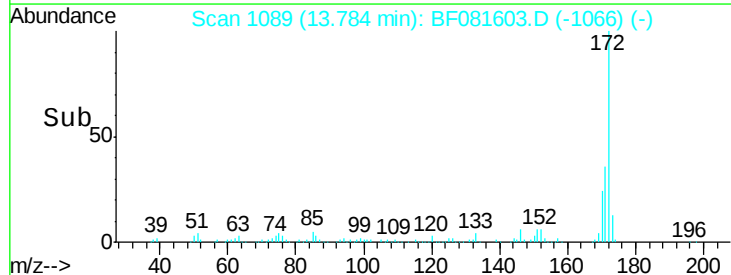
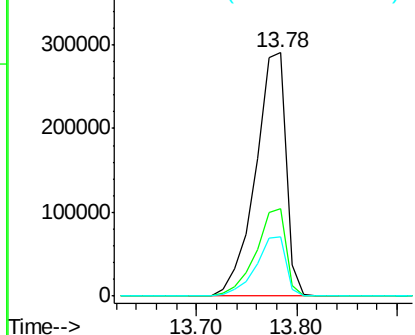


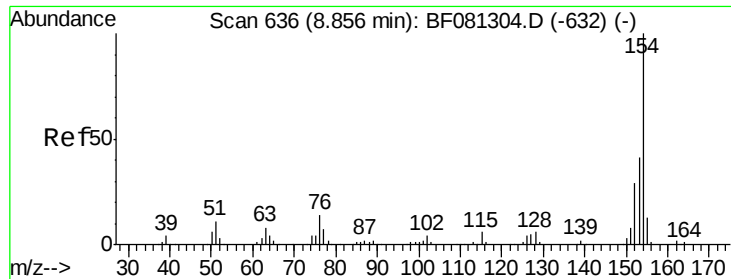
#44
 2-Fluorobiphenyl
 Concen: 77.99 ng
 RT: 13.78 min Scan# 1089
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:172 Resp: 611722
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 24.1 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

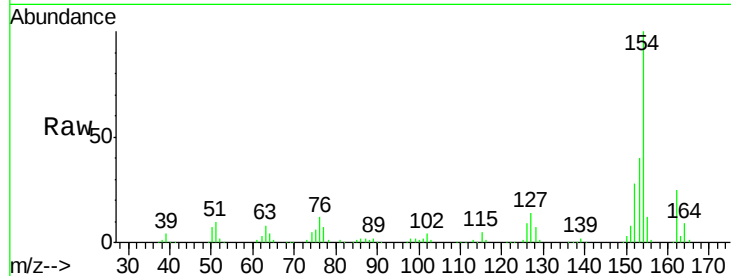




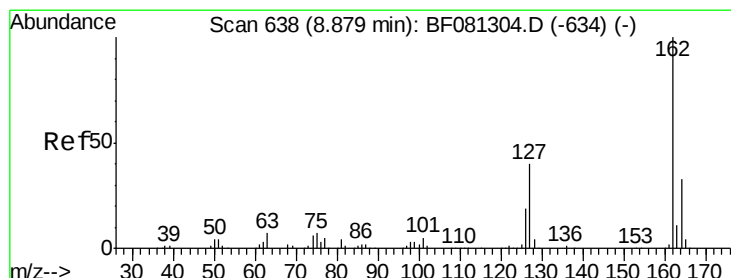
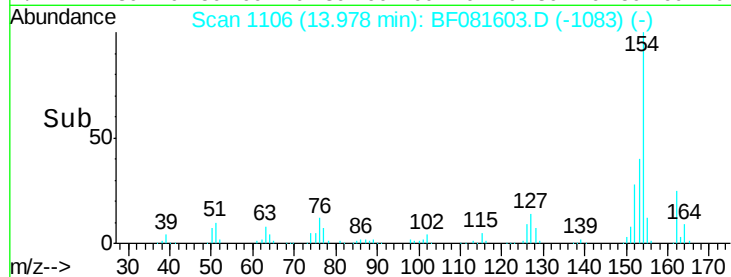
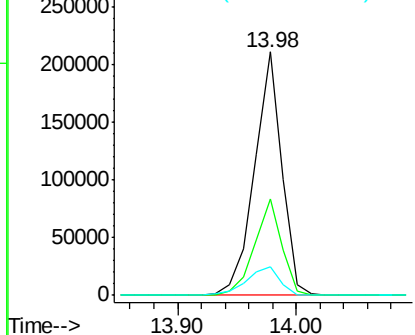
#45
 1,1'-Biphenyl
 Concen: 36.77 ng
 RT: 13.98 min Scan# 1106
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion:154 Resp: 340011
 Ion Ratio Lower Upper
 154 100
 153 39.8 17.1 57.1
 76 11.5 0.0 31.6

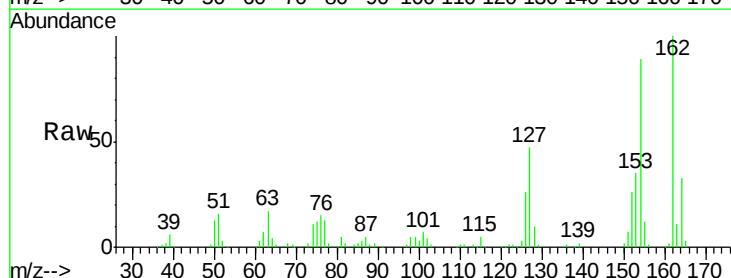


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

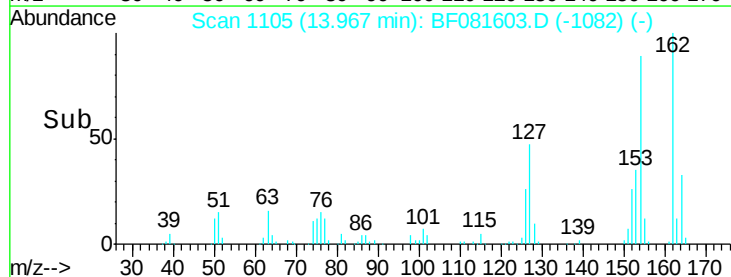
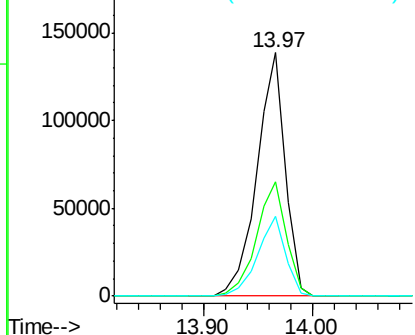


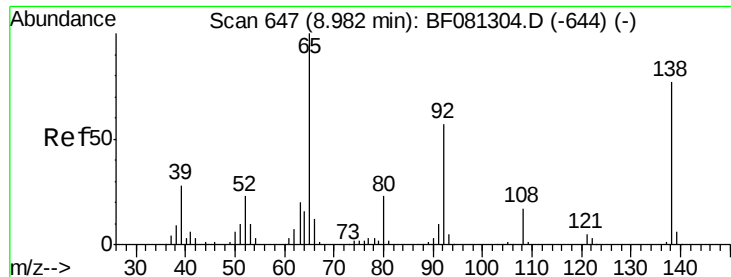
#46
 2-Chloronaphthalene
 Concen: 37.48 ng
 RT: 13.97 min Scan# 1105
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:162 Resp: 250282
 Ion Ratio Lower Upper
 162 100
 127 47.1 27.6 41.4#
 164 32.6 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.27 ng

RT: 14.31 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

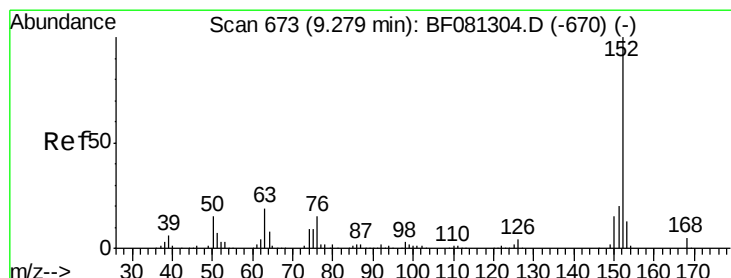
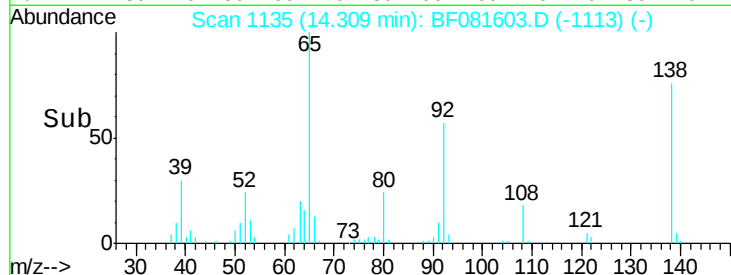
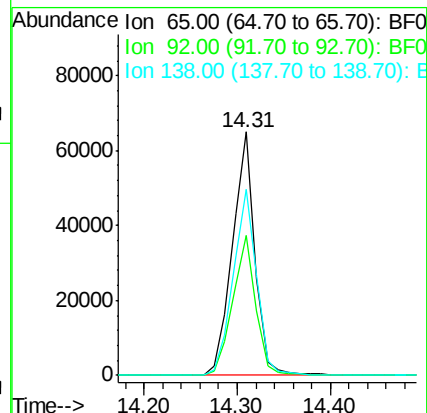
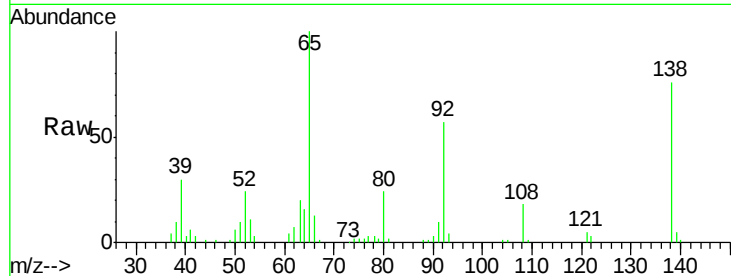
Tgt Ion: 65 Resp: 109614

Ion Ratio Lower Upper

65 100

92 57.5 55.4 83.0

138 76.5 115.5 173.3#



#48

Acenaphthylene

Concen: 37.25 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

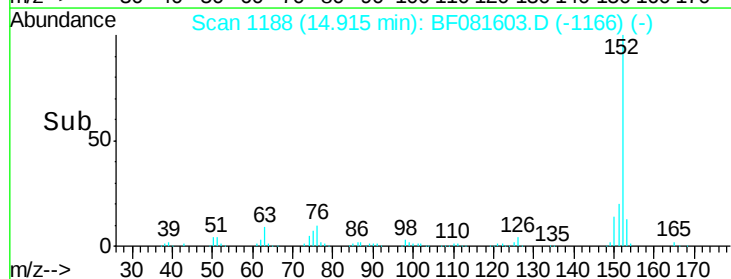
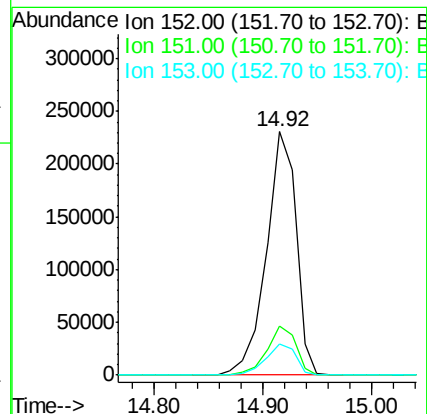
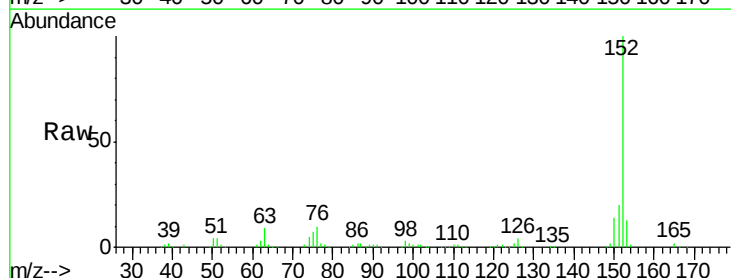
Tgt Ion: 152 Resp: 441308

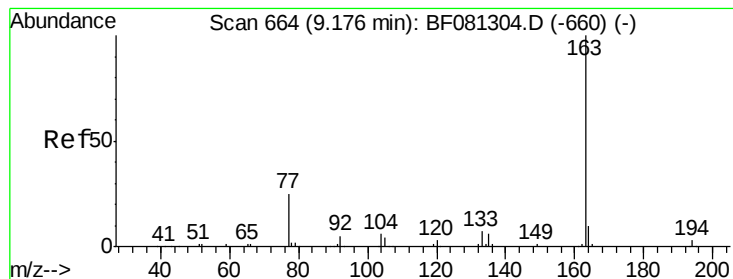
Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

153 12.8 10.3 15.5





#49

Dimethylphthalate

Concen: 40.70 ng

RT: 14.86 min Scan# 1183

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

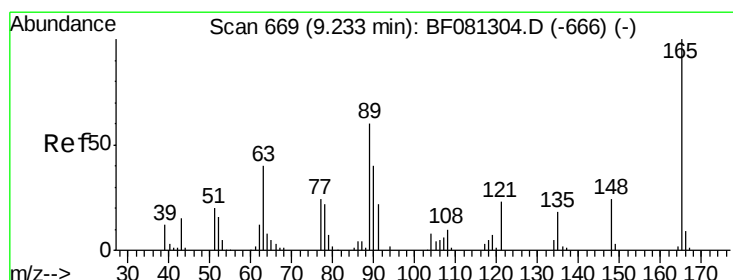
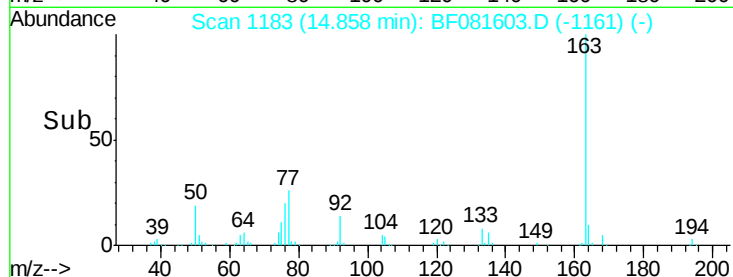
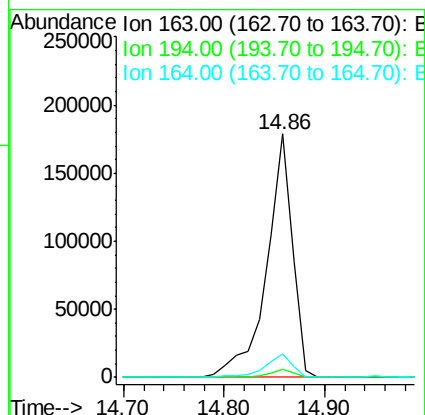
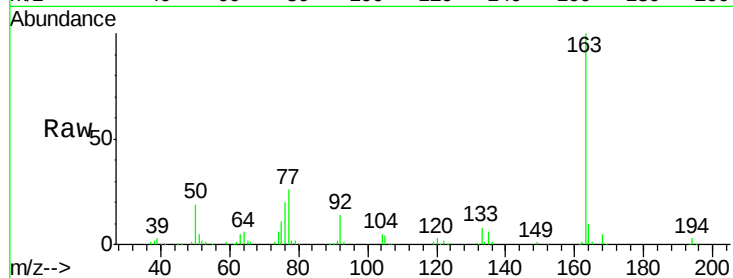
Instrument :

BNA_F

ClientSampleId :

PB85471BS

Tgt Ion:	163	Resp:	317857
Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	9.7	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 36.94 ng

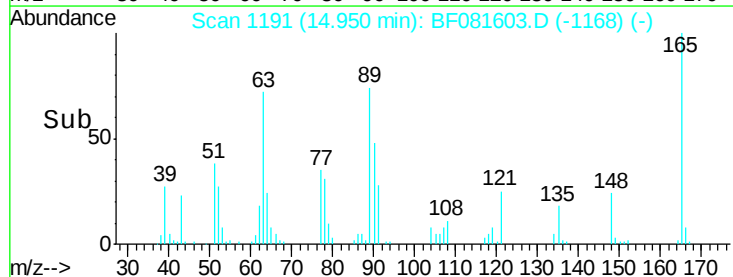
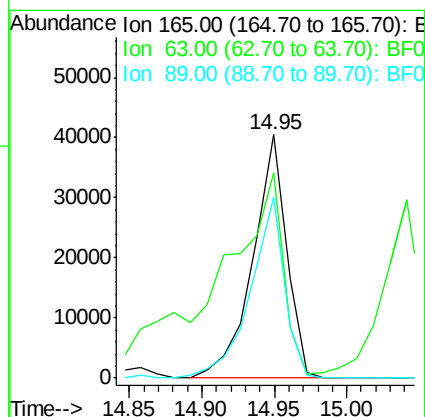
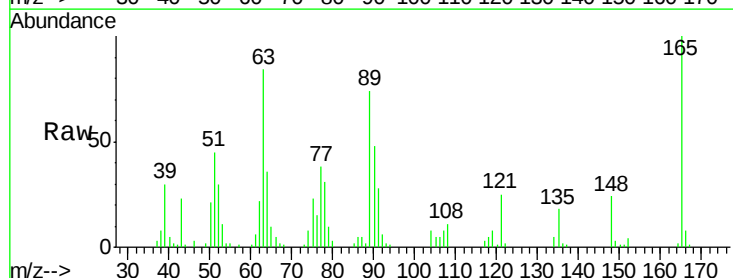
RT: 14.95 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Tgt Ion:	165	Resp:	65480
Ion	Ratio	Lower	Upper
165	100		
63	84.2	32.3	48.5#
89	74.1	28.6	43.0#





#51

Acenaphthene

Concen: 37.23 ng

RT: 15.35 min Scan# 1226

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

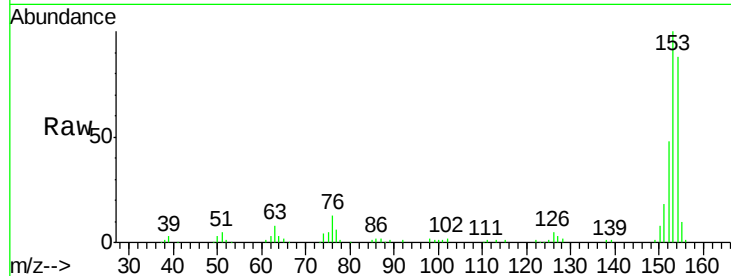
Tgt Ion:154 Resp: 250910

Ion Ratio Lower Upper

154 100

153 114.3 82.1 123.1

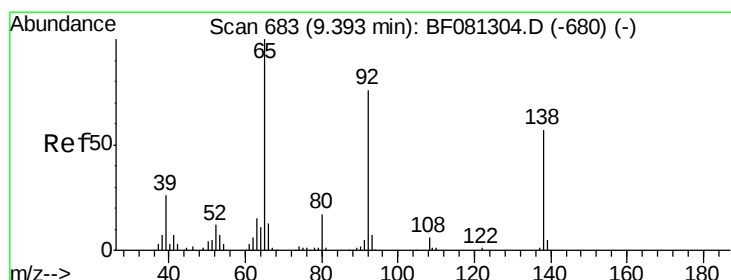
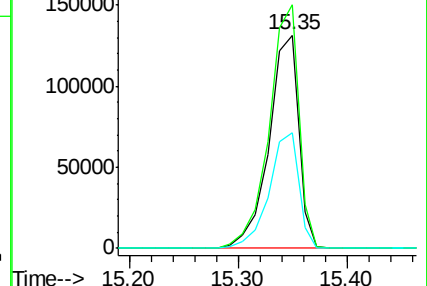
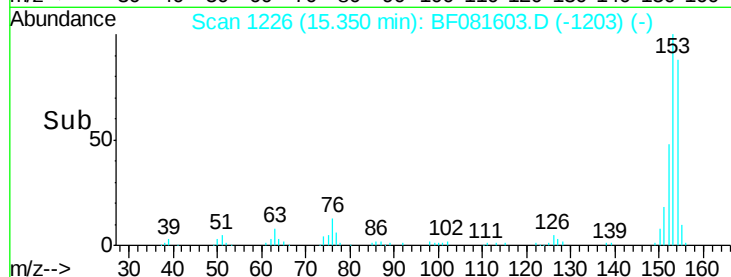
152 54.4 37.9 56.9



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: 26.27 ng

RT: 15.32 min Scan# 1223

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

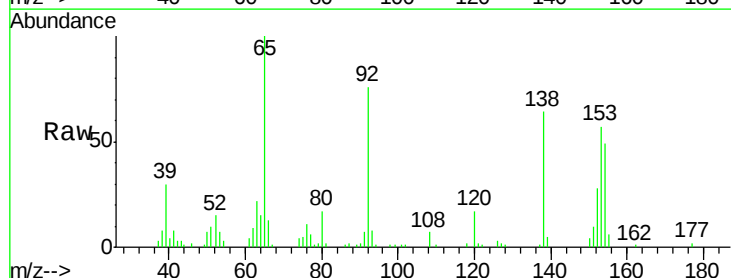
Tgt Ion:138 Resp: 53010

Ion Ratio Lower Upper

138 100

108 11.5 5.7 8.5#

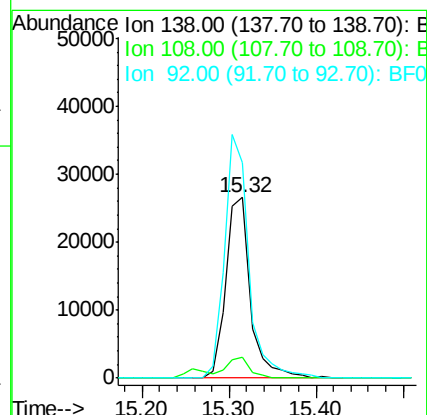
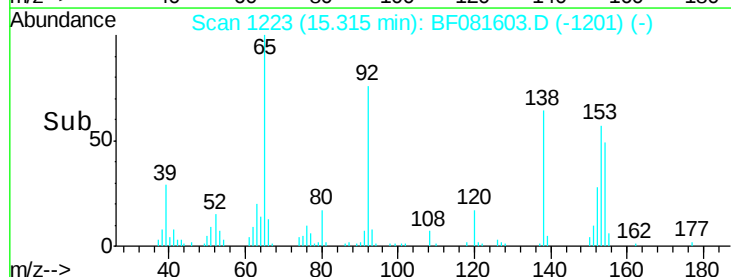
92 119.1 67.7 101.5#

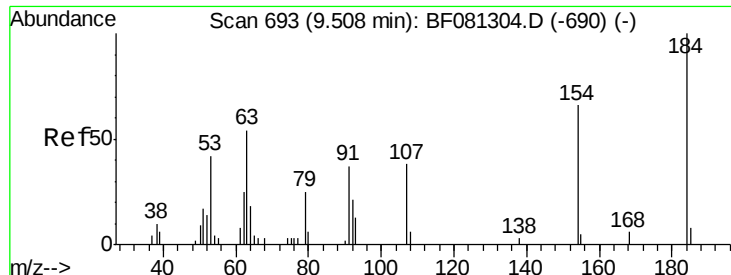


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

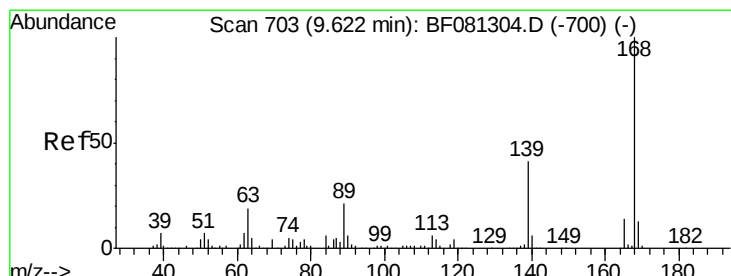
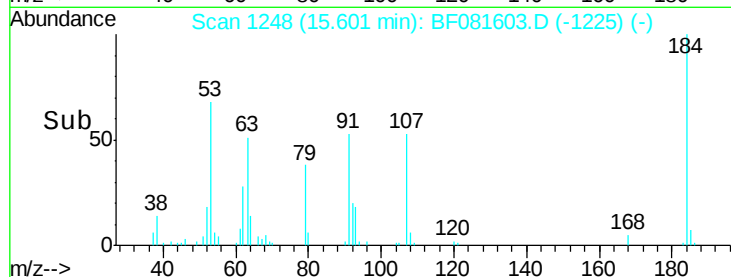
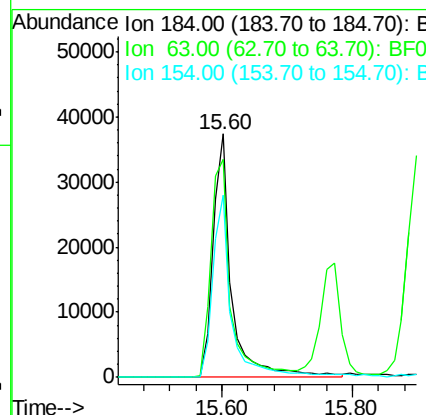
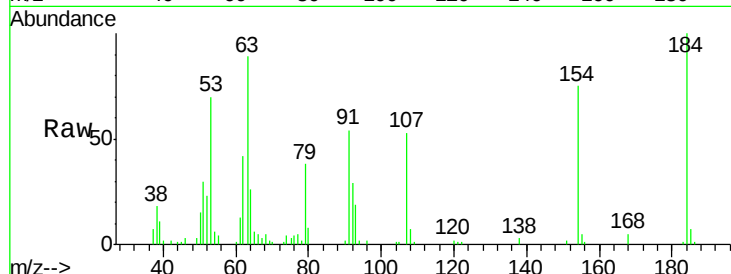




#53
 2,4-Dinitrophenol
 Concen: 82.56 ng
 RT: 15.60 min Scan# 1248
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

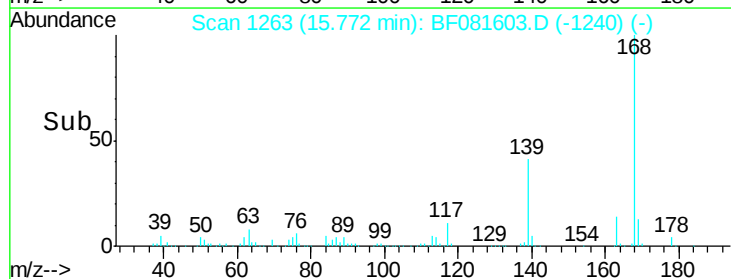
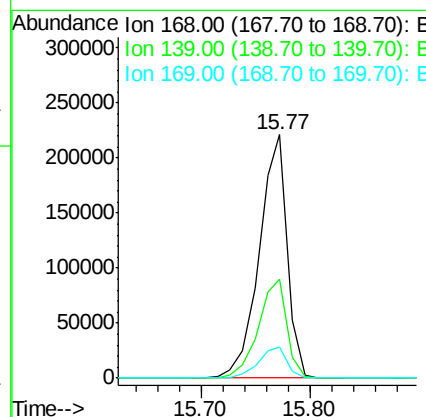
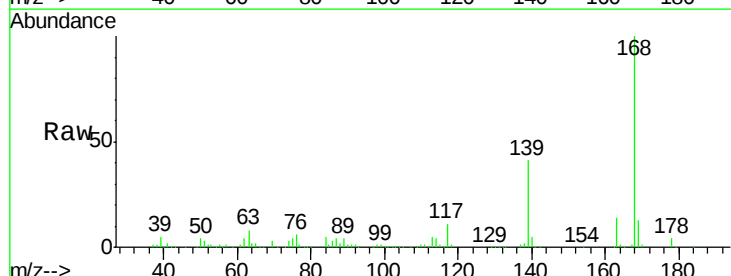
Instrument :
 BNA_F
 ClientSampleID :
 PB85471BS

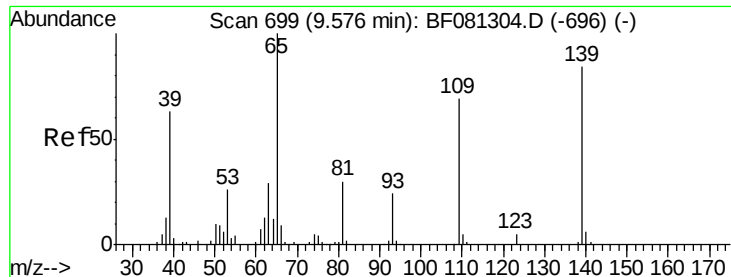
Tgt Ion:184 Resp: 74920
 Ion Ratio Lower Upper
 184 100
 63 89.3 35.4 53.2#
 154 74.7 32.2 48.4#



#54
 Dibenzofuran
 Concen: 40.14 ng
 RT: 15.77 min Scan# 1263
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:168 Resp: 395085
 Ion Ratio Lower Upper
 168 100
 139 40.9 24.2 36.2#
 169 12.8 10.6 15.8

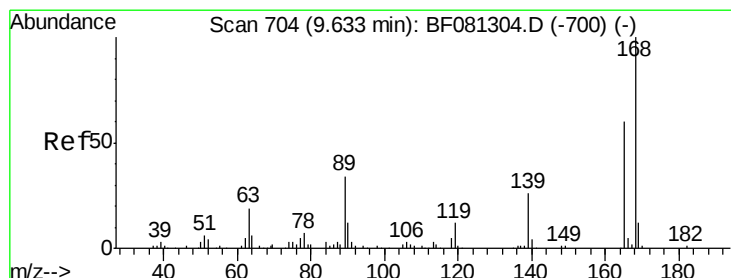
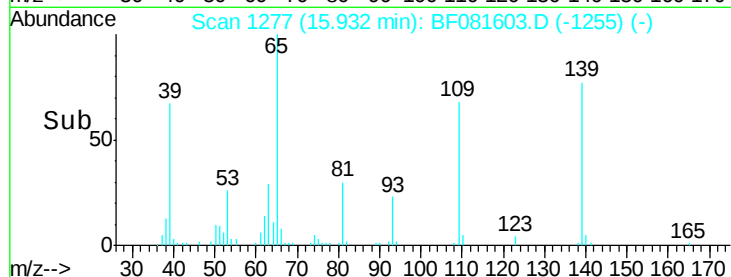
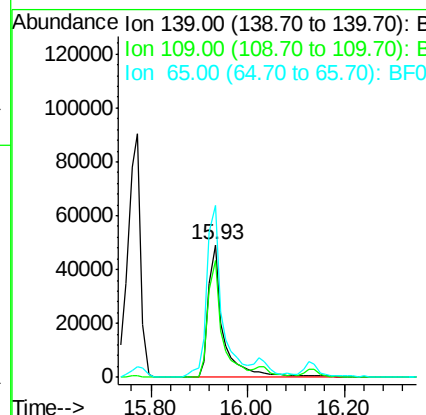
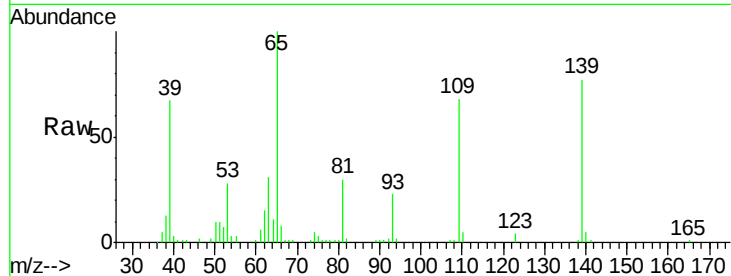




#55
4-Nitrophenol
Concen: 83.93 ng
RT: 15.93 min Scan# 1277
Delta R.T. -0.05 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

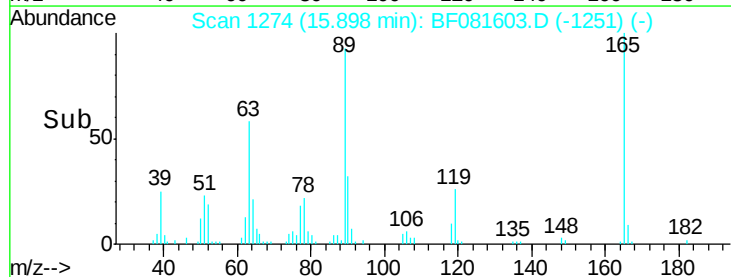
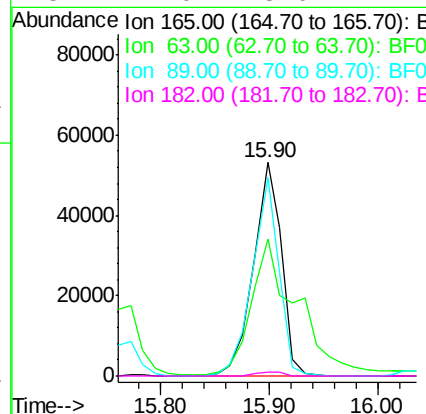
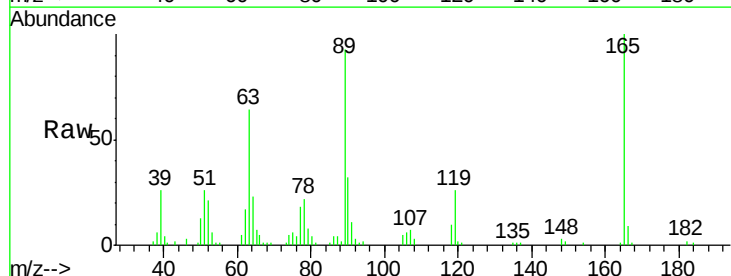
Instrument :
BNA_F
ClientSampleId :
PB85471BS

Tgt Ion:139 Resp: 106407
Ion Ratio Lower Upper
139 100
109 88.5 12.7 52.7#
65 129.7 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 42.23 ng
RT: 15.90 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:165 Resp: 95322
Ion Ratio Lower Upper
165 100
63 64.1 29.8 44.6#
89 92.8 44.5 66.7#
182 2.0 3.0 4.4#

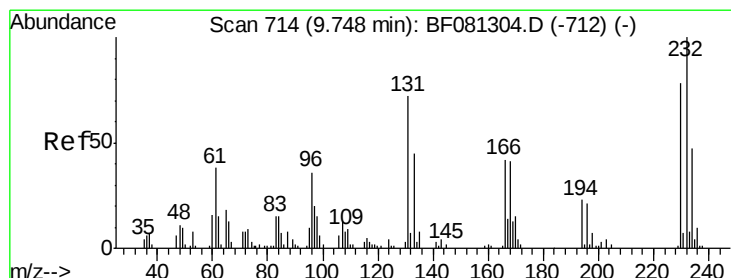
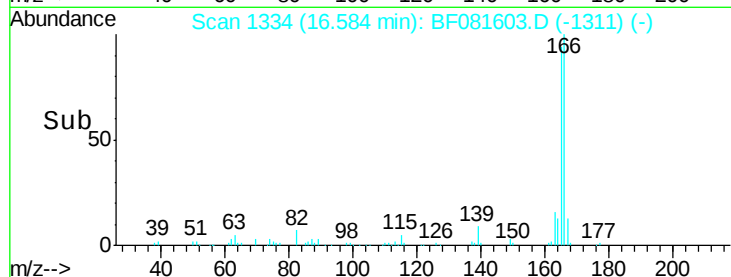
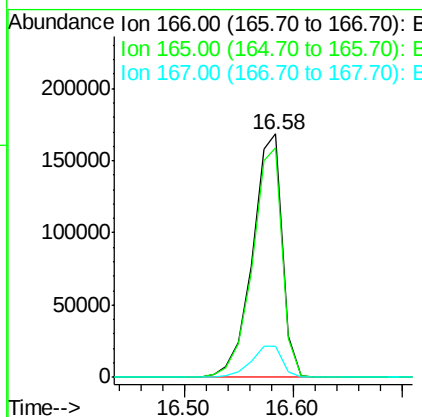
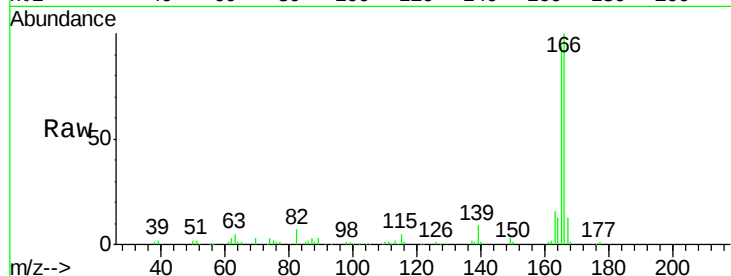




#57
 Fluorene
 Concen: 42.84 ng
 RT: 16.58 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

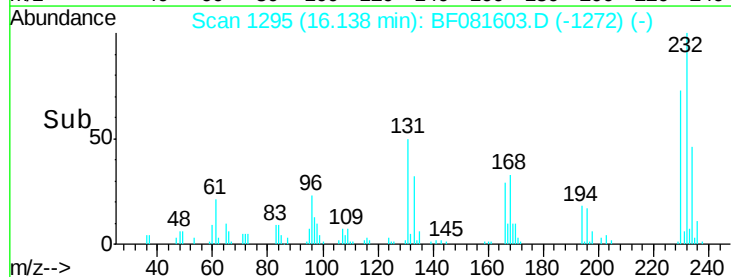
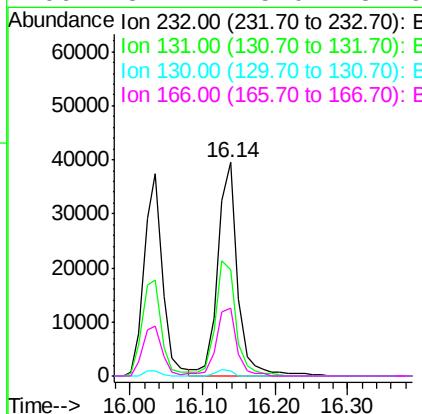
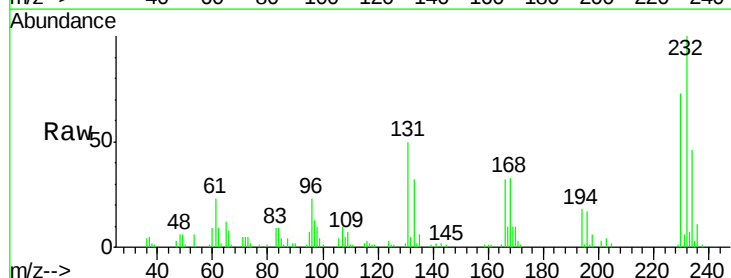
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

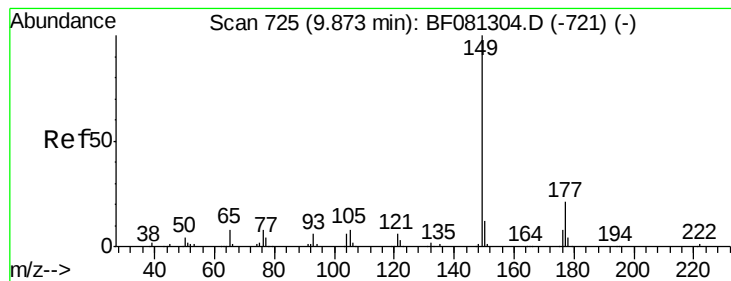
Tgt Ion:166 Resp: 319983
 Ion Ratio Lower Upper
 166 100
 165 94.3 72.6 109.0
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.23 ng
 RT: 16.14 min Scan# 1295
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:232 Resp: 75573
 Ion Ratio Lower Upper
 232 100
 131 55.0 38.5 57.7
 130 2.3 1.8 2.6
 166 32.1 25.0 37.6





#59

Diethylphthalate

Concen: 43.63 ng

RT: 16.56 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

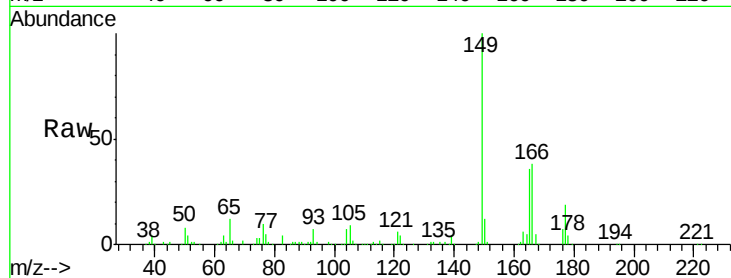
Tgt Ion:149 Resp: 358441

Ion Ratio Lower Upper

149 100

177 19.0 17.5 26.3

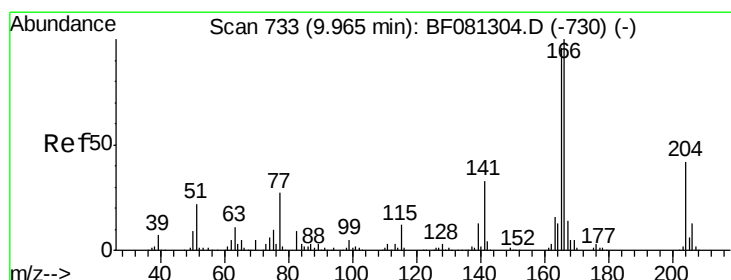
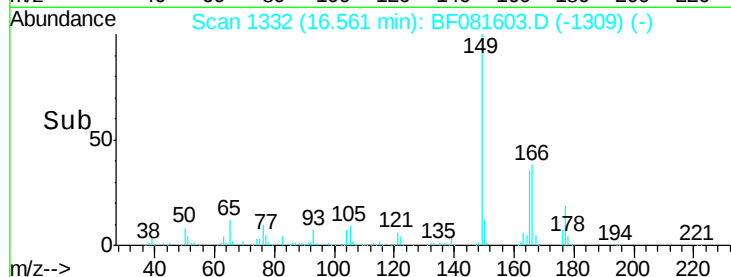
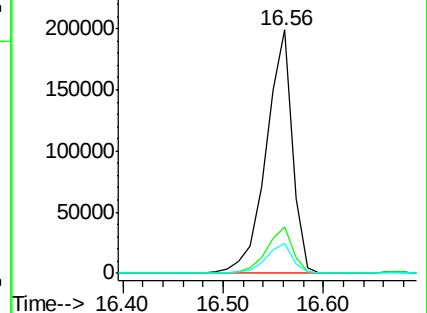
150 12.4 9.4 14.2



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: 43.85 ng

RT: 16.68 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

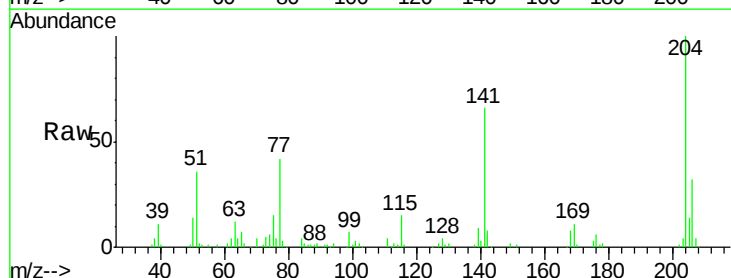
Tgt Ion:204 Resp: 152626

Ion Ratio Lower Upper

204 100

206 32.1 24.8 37.2

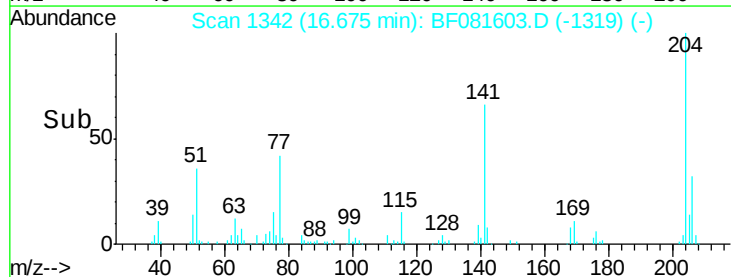
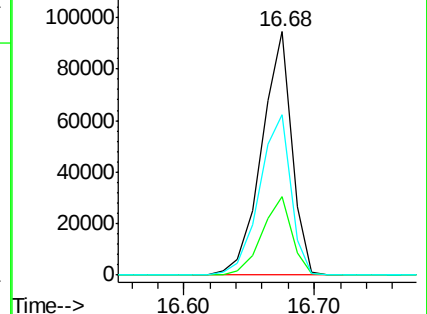
141 65.9 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.91 ng

RT: 16.79 min Scan# 1352

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

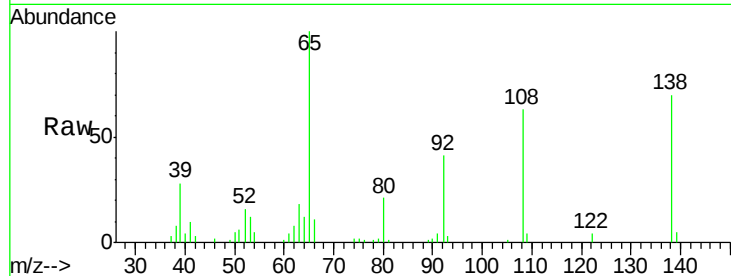
Tgt Ion:138 Resp: 73212

Ion Ratio Lower Upper

138 100

92 58.8 12.6 52.6#

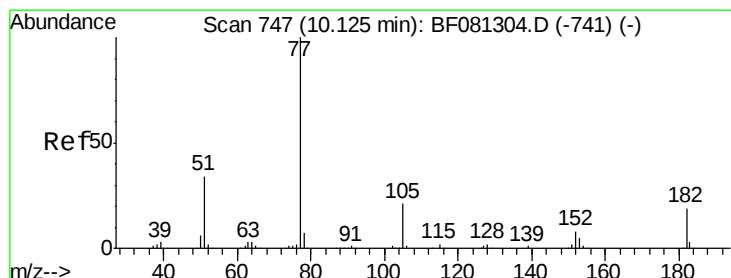
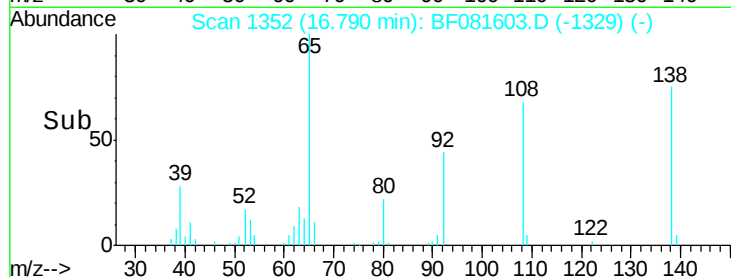
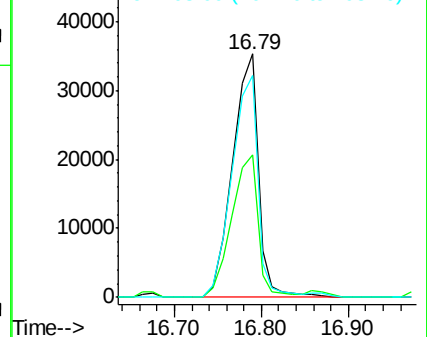
108 90.9 12.4 52.4#



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: 43.71 ng

RT: 17.04 min Scan# 1374

Delta R.T. -0.05 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Tgt Ion: 77 Resp: 399209

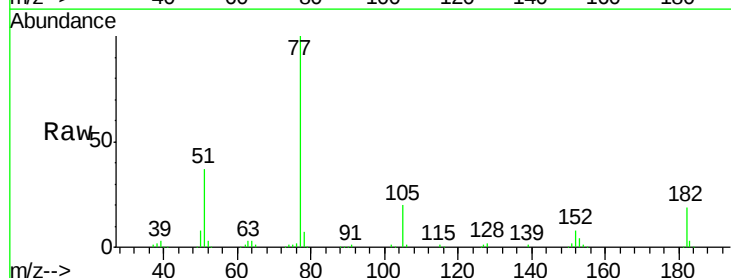
Ion Ratio Lower Upper

77 100

182 19.0 15.1 55.1

105 20.3 3.4 43.4

51 37.4 12.0 52.0

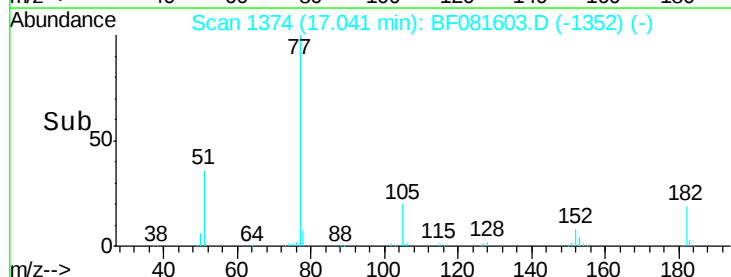
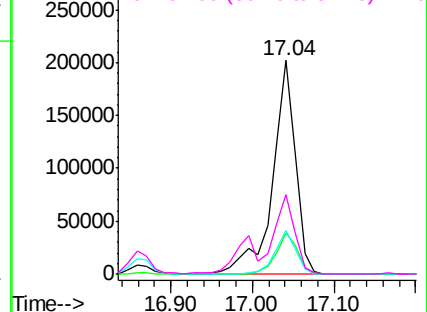


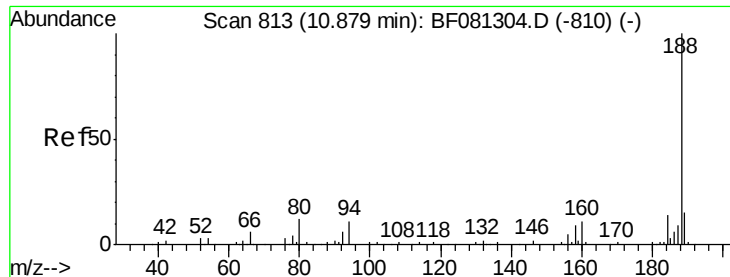
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

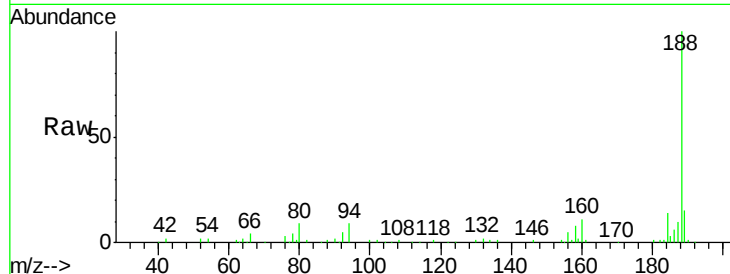




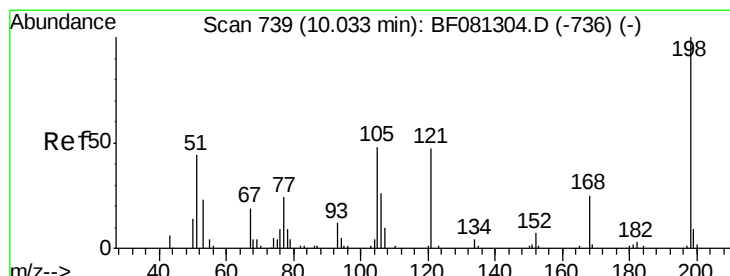
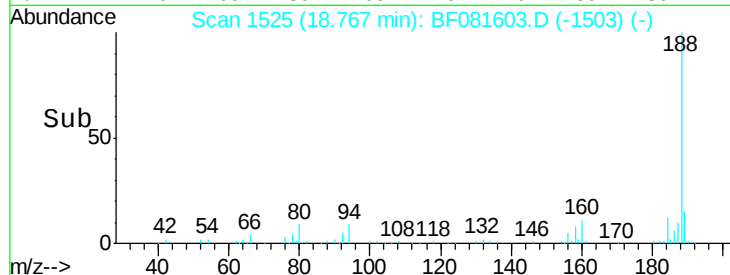
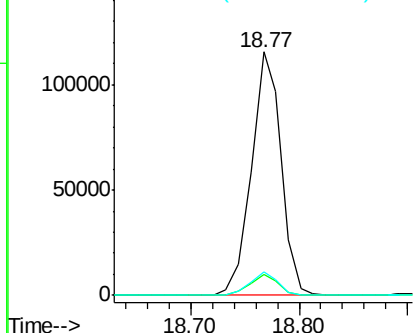
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.77 min Scan# 1525
Delta R.T. -0.05 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Instrument :
BNA_F
ClientSampleId :
PB85471BS

Tgt Ion:188 Resp: 218606
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.4 11.0 16.4#

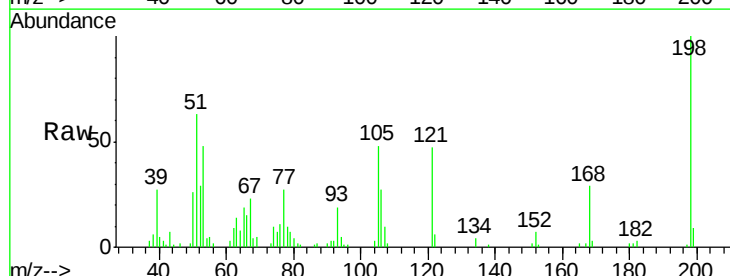


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

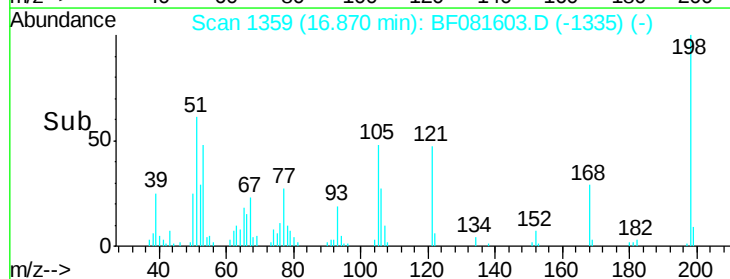
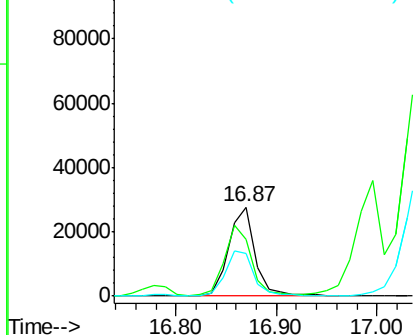


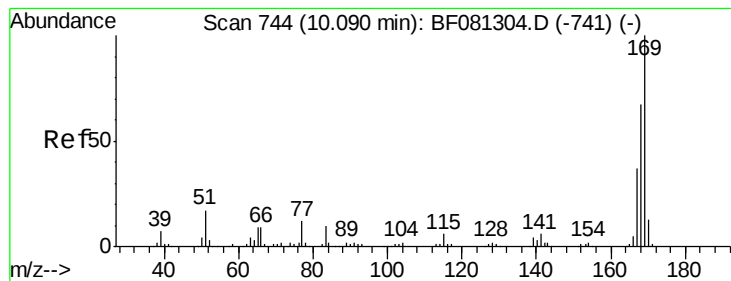
#64
4,6-Dinitro-2-methylphenol
Concen: 41.10 ng
RT: 16.87 min Scan# 1359
Delta R.T. -0.02 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:198 Resp: 50249
Ion Ratio Lower Upper
198 100
51 63.4 39.6 79.6
105 48.0 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.95 ng

RT: 17.00 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

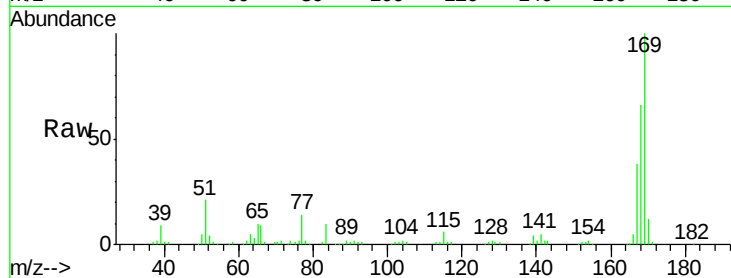
Tgt Ion:169 Resp: 278021

Ion Ratio Lower Upper

169 100

168 66.2 48.9 73.3

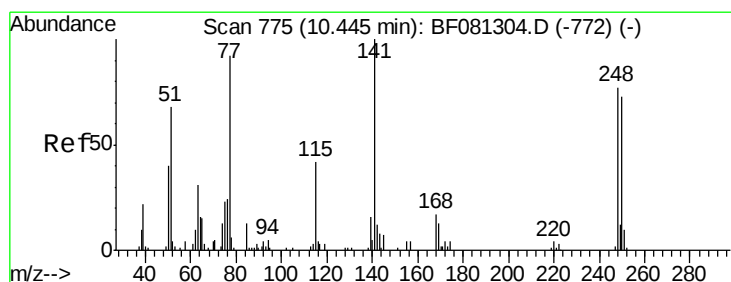
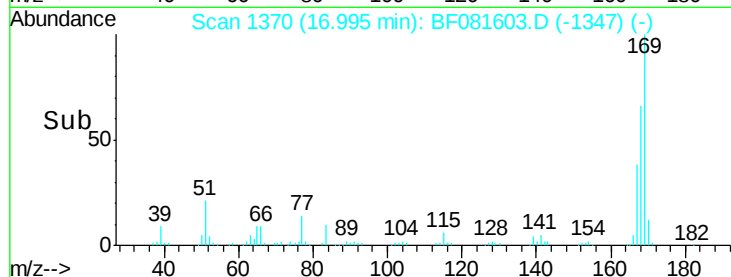
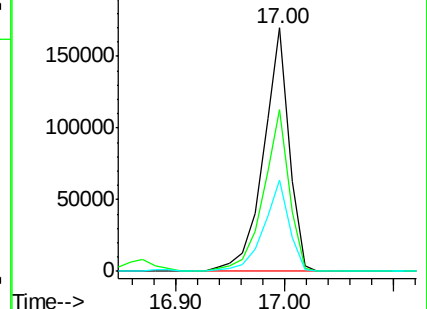
167 37.5 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.11 ng

RT: 17.82 min Scan# 1442

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

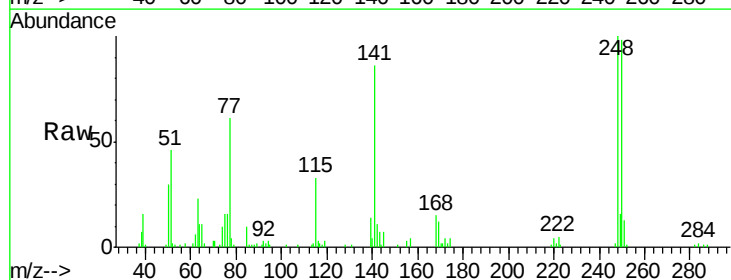
Tgt Ion:248 Resp: 86456

Ion Ratio Lower Upper

248 100

250 97.8 78.5 117.7

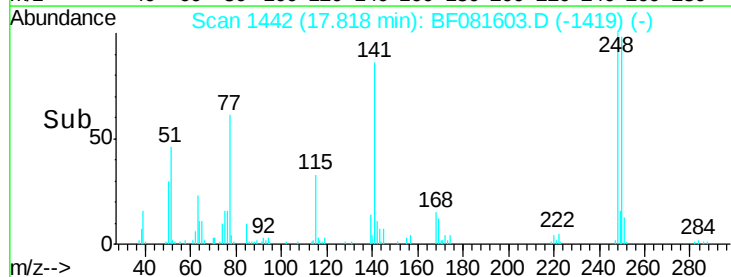
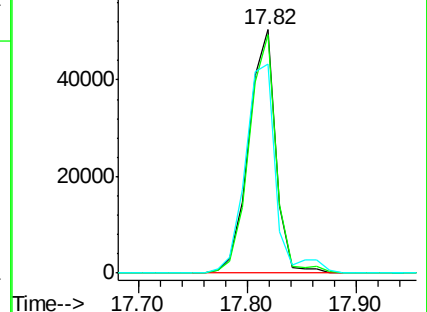
141 85.7 59.0 88.6

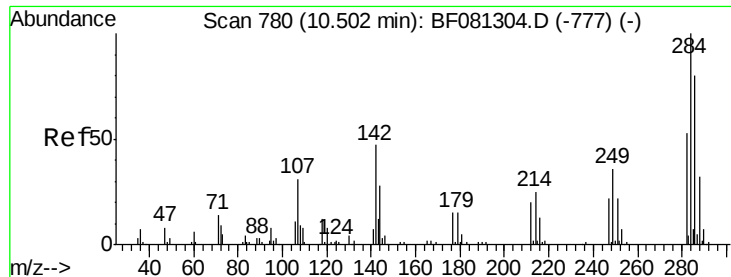


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

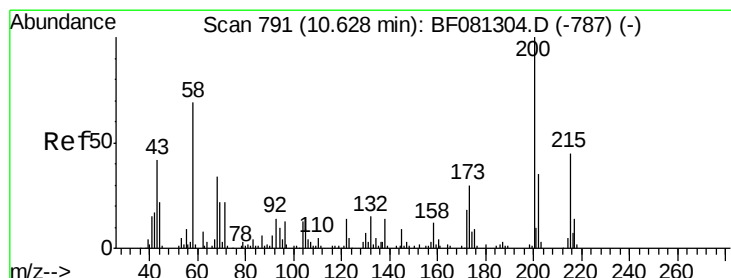
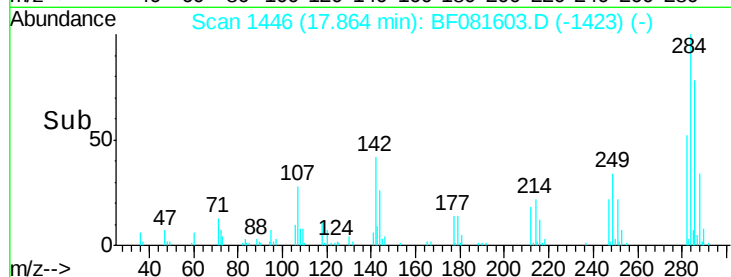
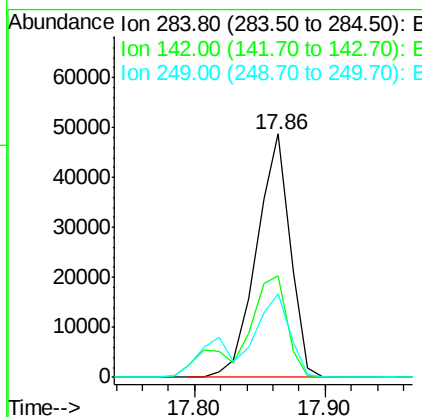
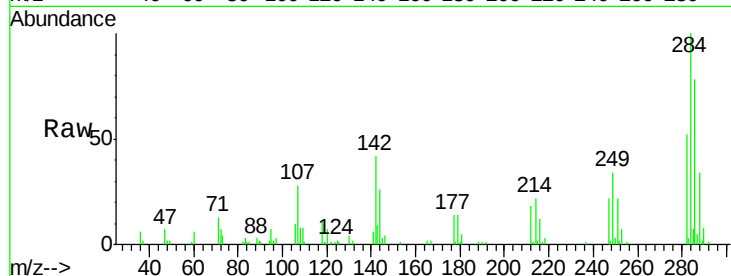




#67
Hexachlorobenzene
Concen: 37.86 ng
RT: 17.86 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

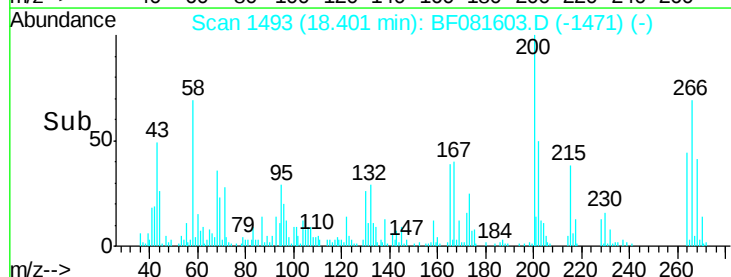
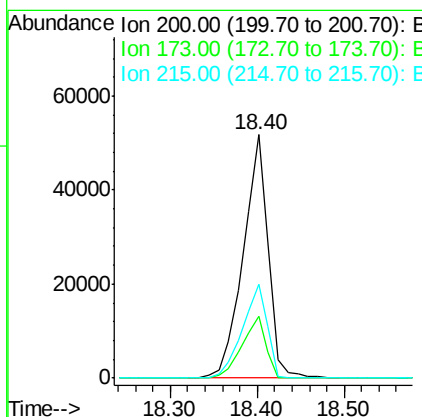
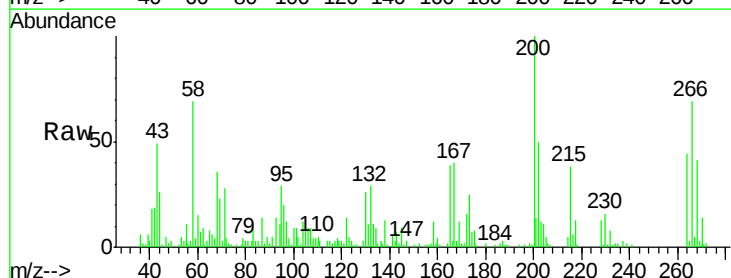
Instrument :
BNA_F
ClientSampleId :
PB85471BS

Tgt Ion:284 Resp: 87494
Ion Ratio Lower Upper
284 100
142 42.0 29.5 44.3
249 34.2 19.5 29.3#



#68
Atrazine
Concen: 45.17 ng
RT: 18.40 min Scan# 1493
Delta R.T. -0.05 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:200 Resp: 103985
Ion Ratio Lower Upper
200 100
173 25.3 13.2 53.2
215 38.5 41.8 81.8#

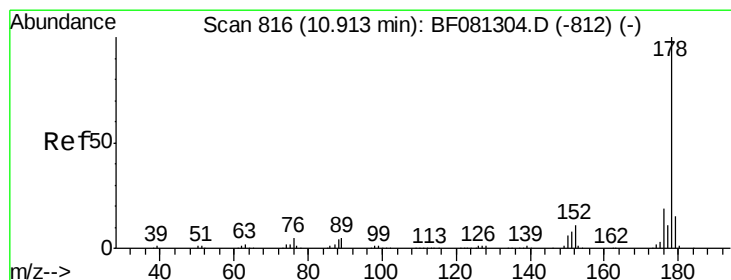
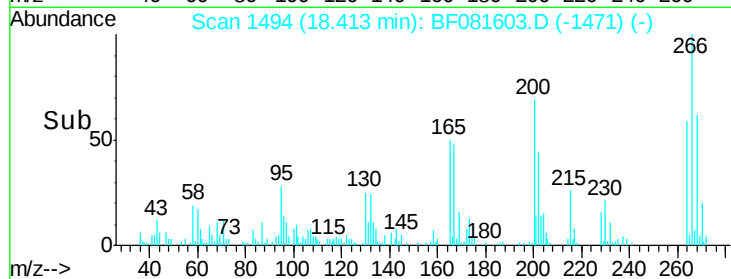
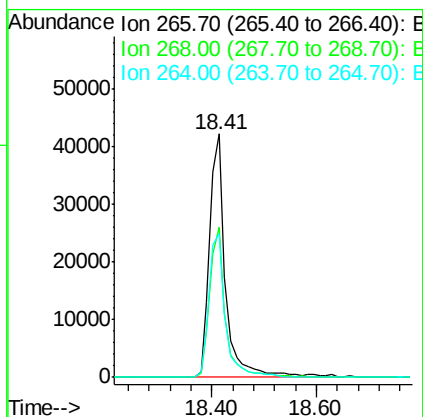
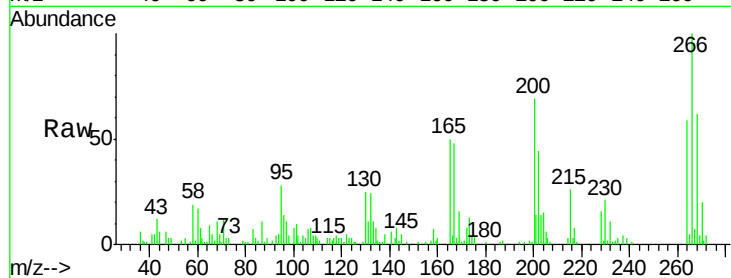




#69
 Pentachlorophenol
 Concen: 80.22 ng
 RT: 18.41 min Scan# 1494
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

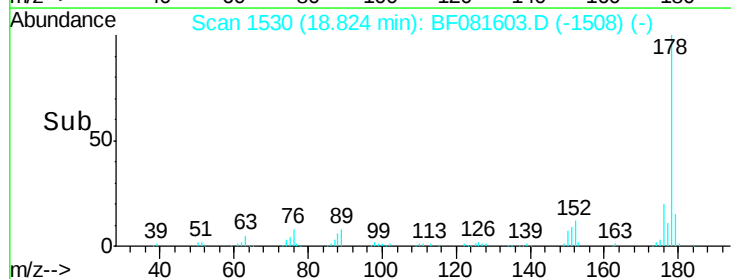
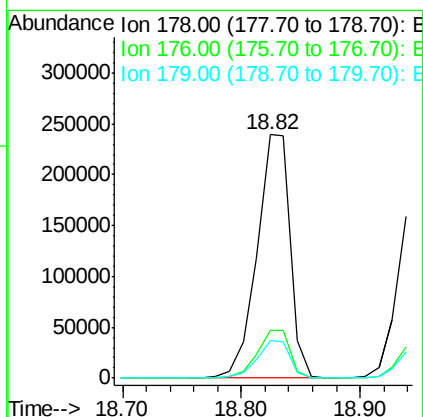
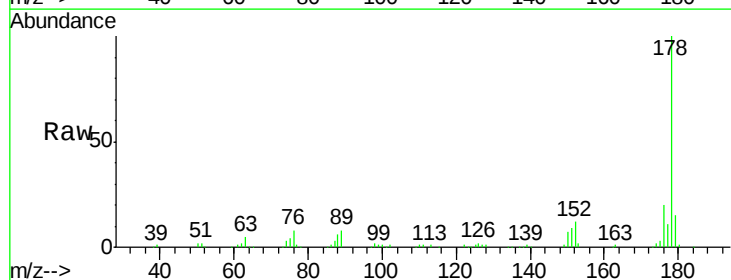
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

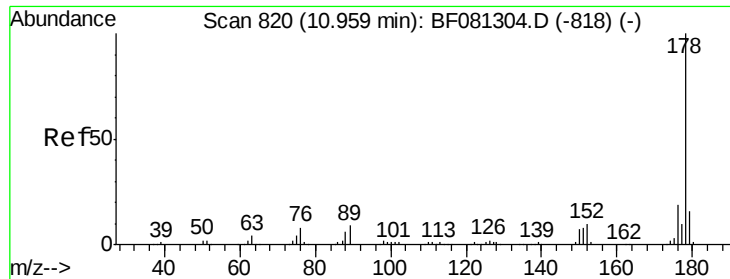
Tgt Ion: 266 Resp: 90283
 Ion Ratio Lower Upper
 266 100
 268 61.9 49.8 74.6
 264 59.2 50.2 75.2



#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 18.82 min Scan# 1530
 Delta R.T. -0.05 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion: 178 Resp: 465560
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.3 12.2 18.2

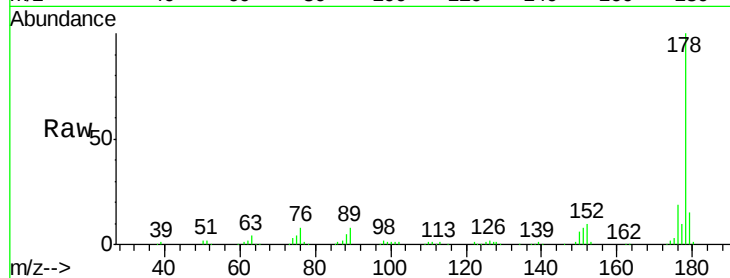




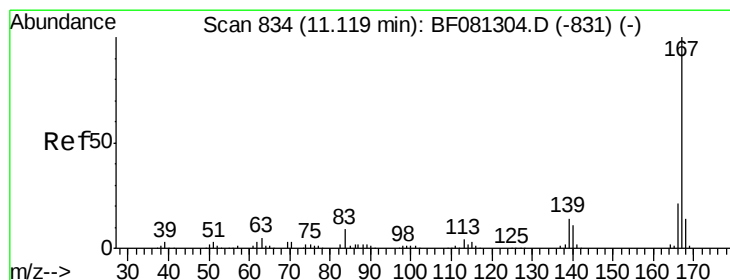
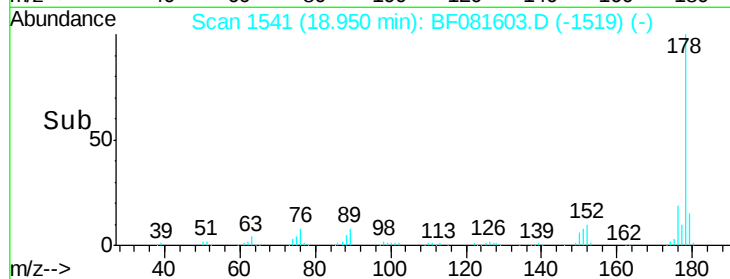
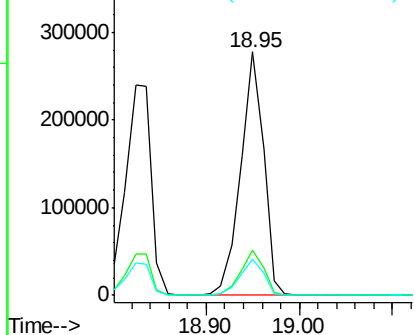
#71
 Anthracene
 Concen: 38.10 ng
 RT: 18.95 min Scan# 1541
 Delta R.T. -0.05 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion:178 Resp: 475751
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 14.9 12.2 18.2

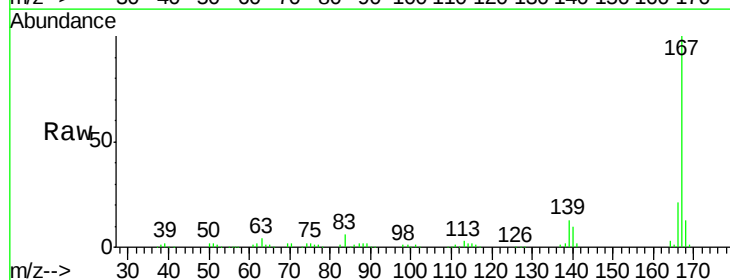


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

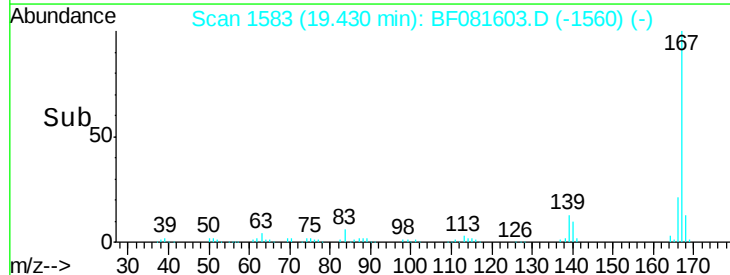
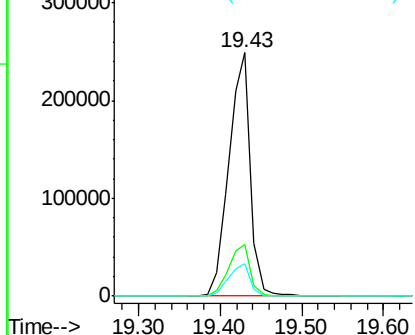


#72
 Carbazole
 Concen: 38.46 ng
 RT: 19.43 min Scan# 1583
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:167 Resp: 450621
 Ion Ratio Lower Upper
 167 100
 166 21.1 15.7 23.5
 139 13.3 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

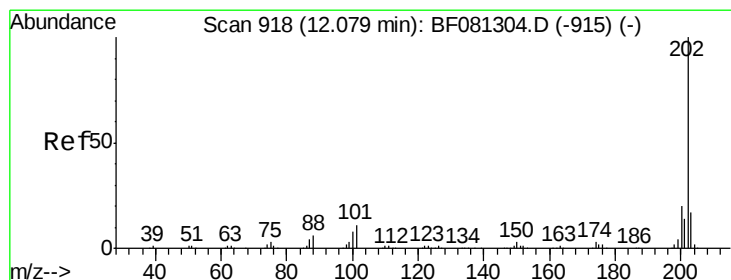
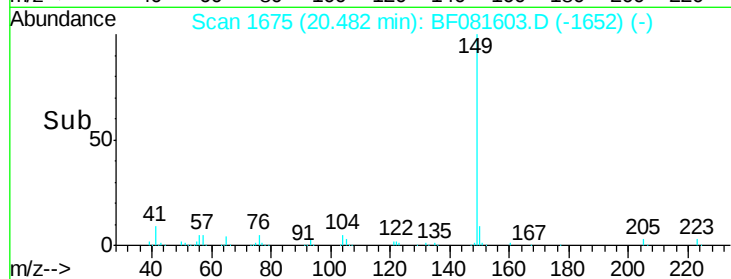
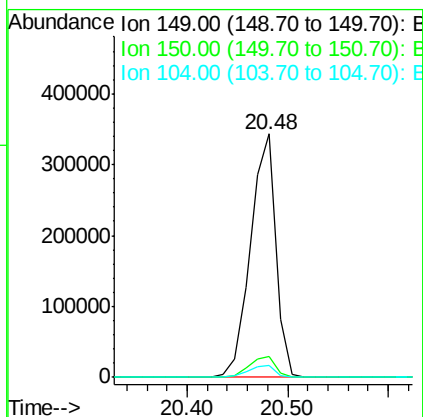
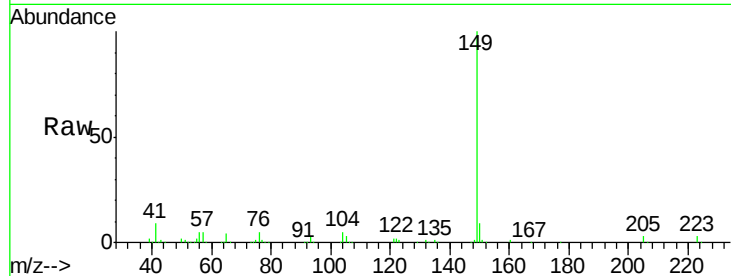




#73
Di-n-butylphthalate
Concen: 43.35 ng
RT: 20.48 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

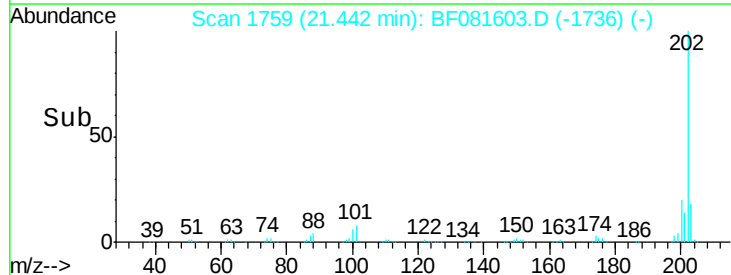
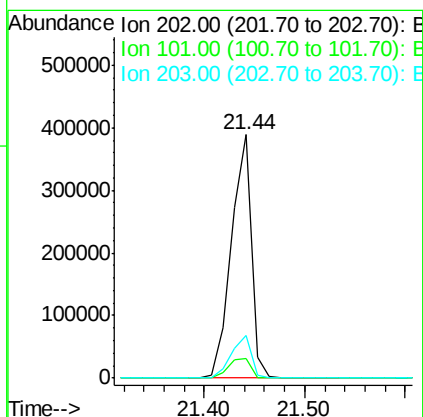
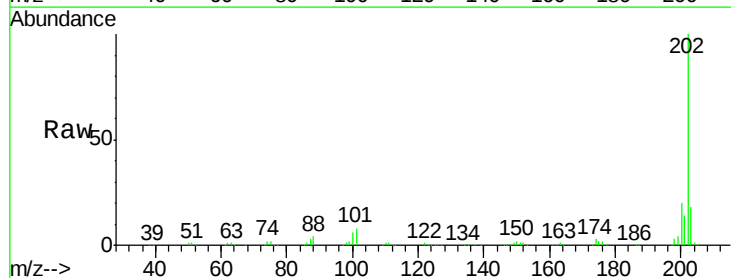
Instrument :
BNA_F
ClientSampleId :
PB85471BS

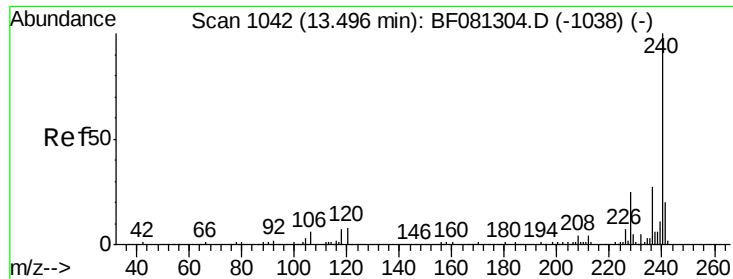
Tgt Ion:149 Resp: 599805
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 5.0 2.4 3.6#



#74
Fluoranthene
Concen: 40.81 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:202 Resp: 536885
Ion Ratio Lower Upper
202 100
101 7.9 0.0 38.3
203 17.8 0.0 37.3

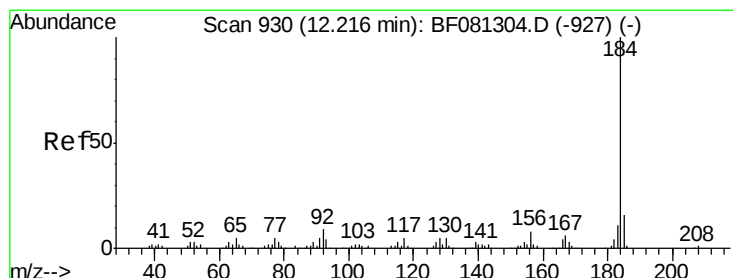
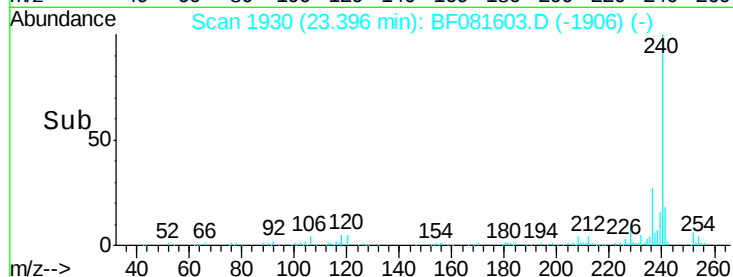
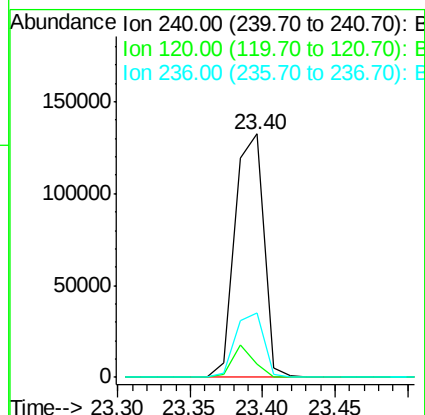
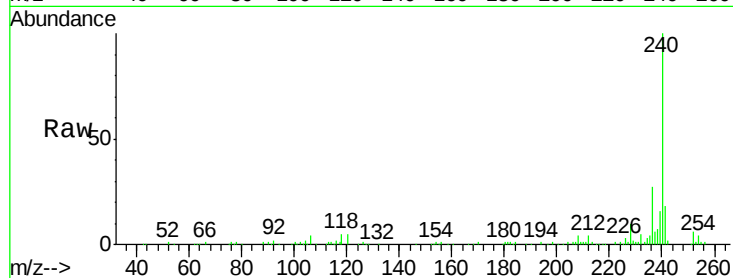




#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

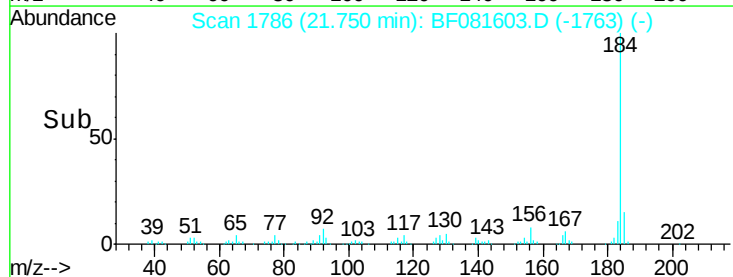
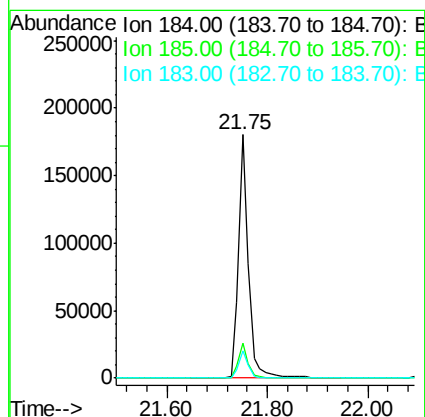
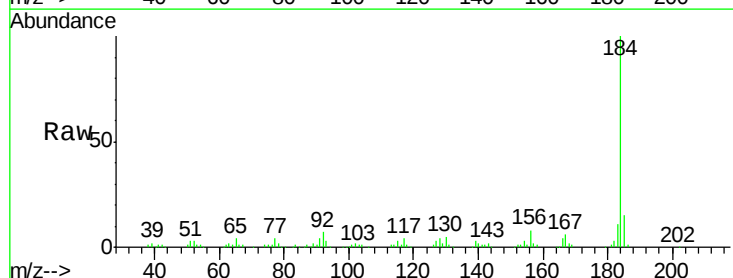
Instrument :
BNA_F
ClientSampleId :
PB85471BS

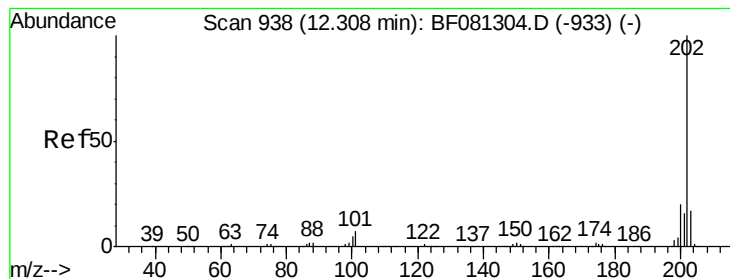
Tgt Ion:240 Resp: 182704
Ion Ratio Lower Upper
240 100
120 5.3 16.2 24.2#
236 26.6 18.4 27.6



#76
Benzidine
Concen: 31.94 ng
RT: 21.75 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion:184 Resp: 250517
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.1 7.6 11.4





#77

Pyrene

Concen: 39.50 ng

RT: 21.78 min Scan# 1789

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

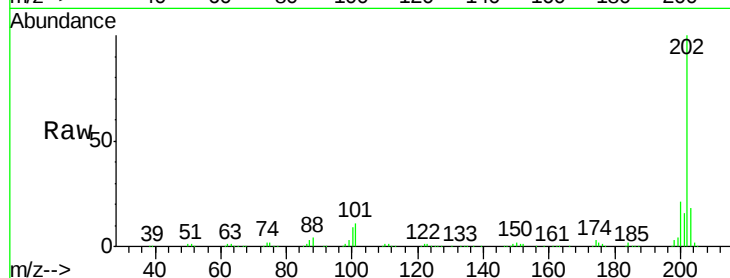
Tgt Ion:202 Resp: 534636

Ion Ratio Lower Upper

202 100

200 20.5 15.0 22.4

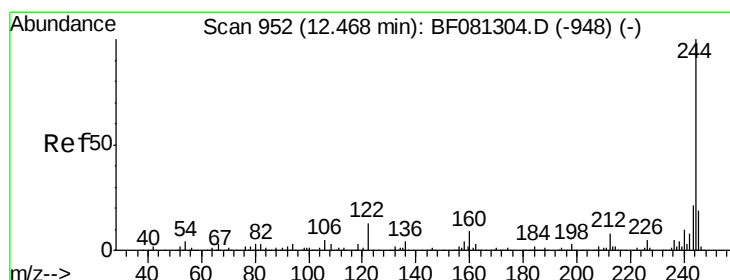
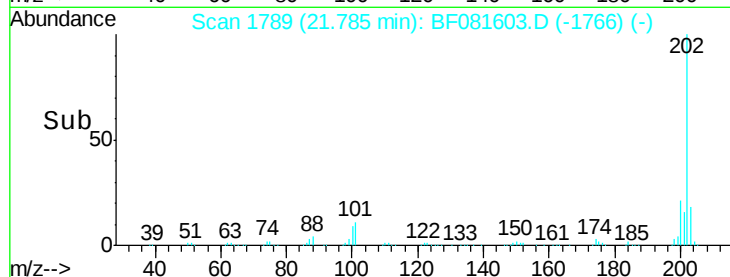
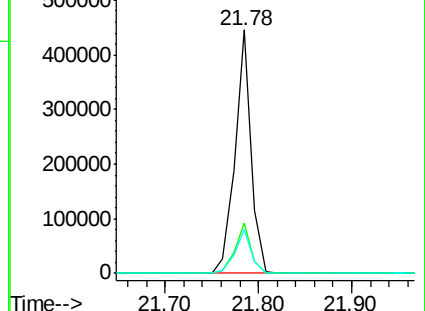
203 18.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.05 ng

RT: 22.12 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

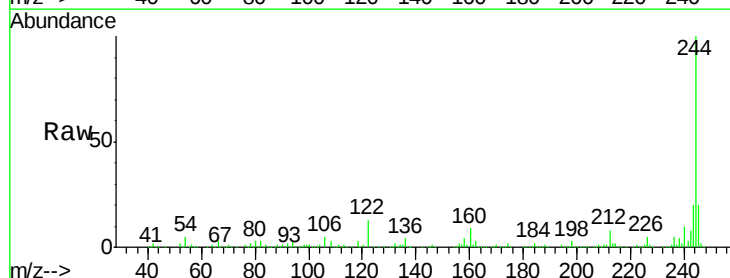
Tgt Ion:244 Resp: 636110

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

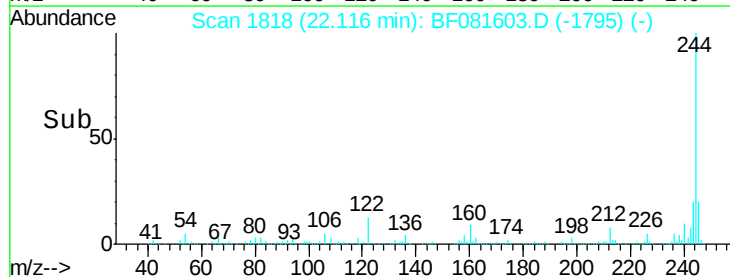
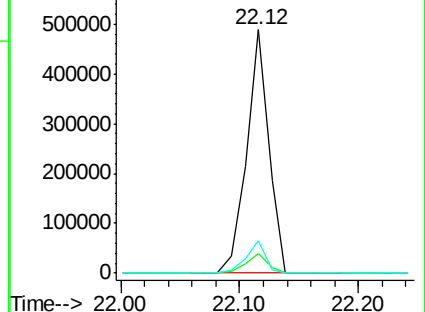
122 13.1 17.4 26.2#

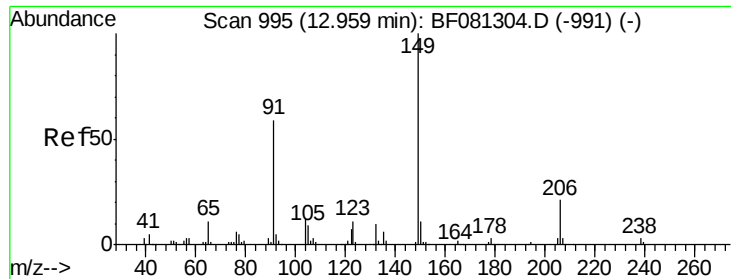


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

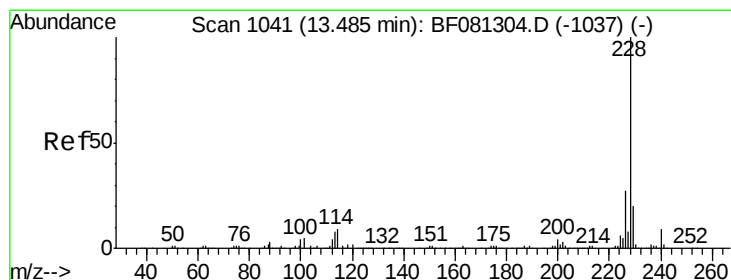
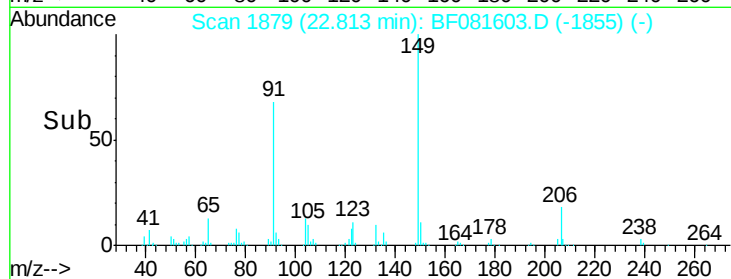
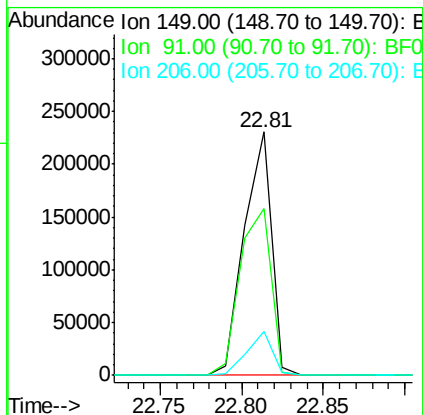
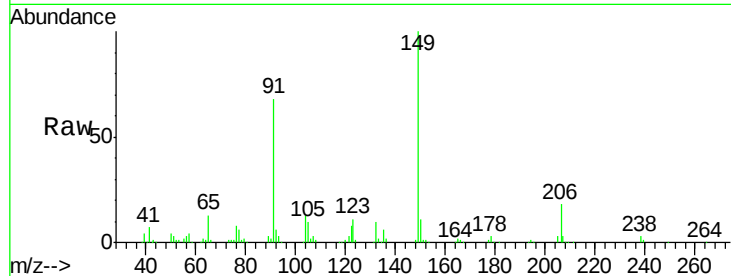




#79
Butylbenzylphthalate
Concen: 45.40 ng
RT: 22.81 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

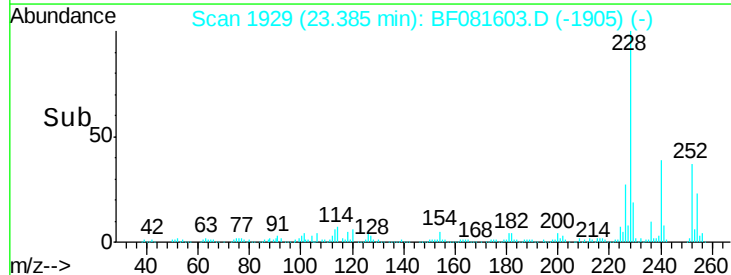
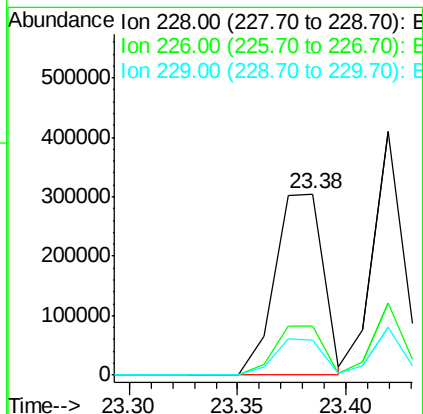
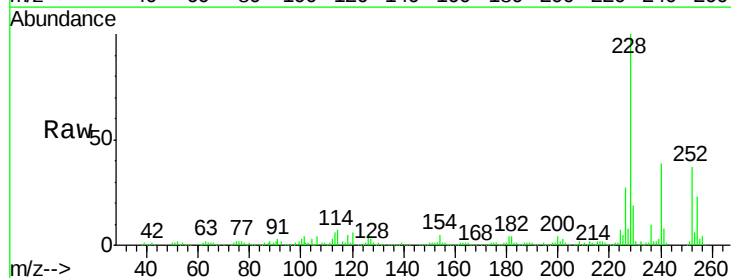
Instrument :
BNA_F
ClientSampleId :
PB85471BS

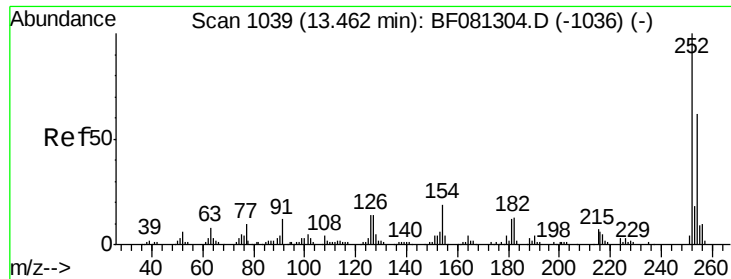
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	48.6	72.8
206	18.3	14.9	22.3



#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 23.38 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BF081603.D
Acq: 14 Sep 2015 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.0	30.0
229	19.2	15.4	23.2

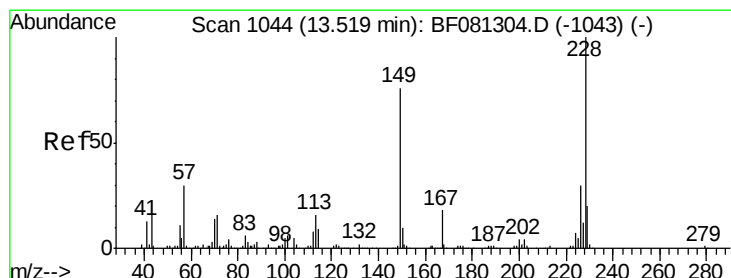
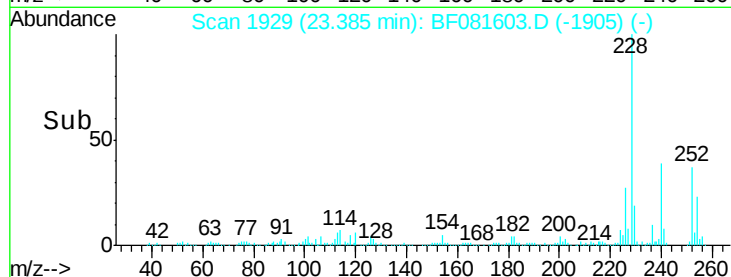
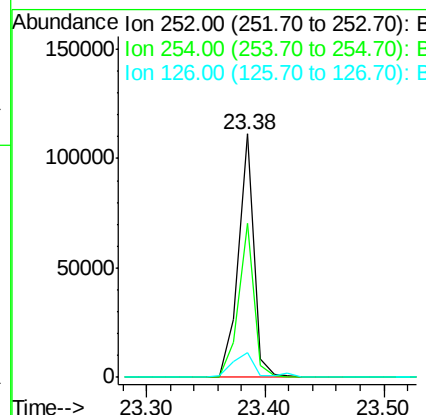
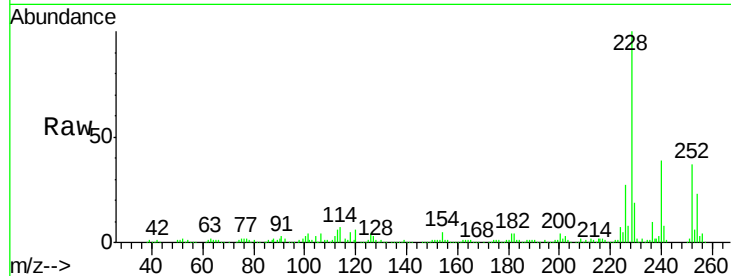




#81
 3,3'-Dichlorobenzidine
 Concen: 26.05 ng
 RT: 23.38 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

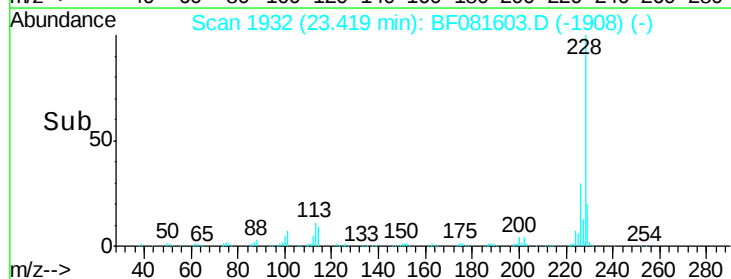
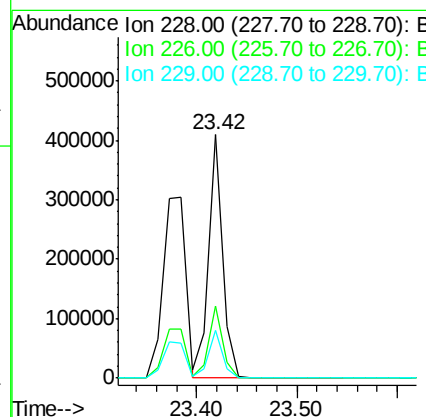
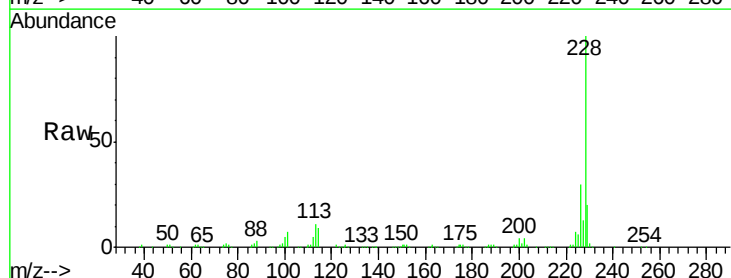
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.4	77.2
126	10.0	16.4	24.6



#82
 Chrysene
 Concen: 38.22 ng
 RT: 23.42 min Scan# 1932
 Delta R.T. -0.02 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	19.6	15.6	23.4

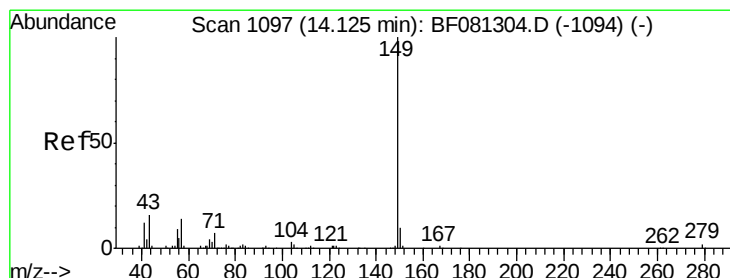
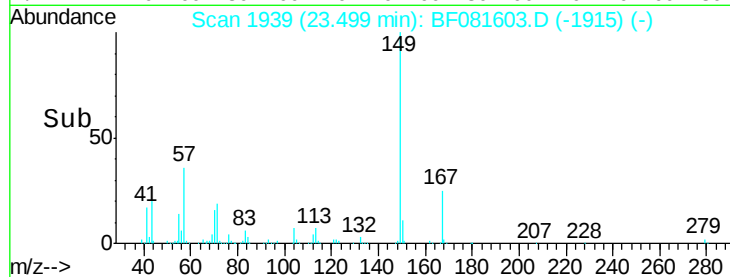
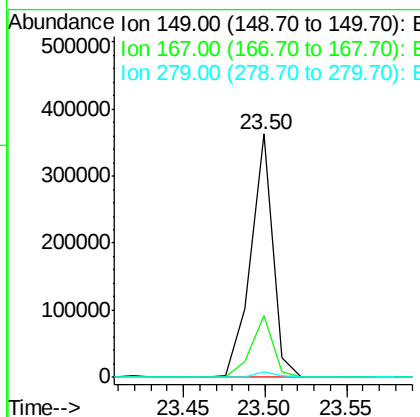
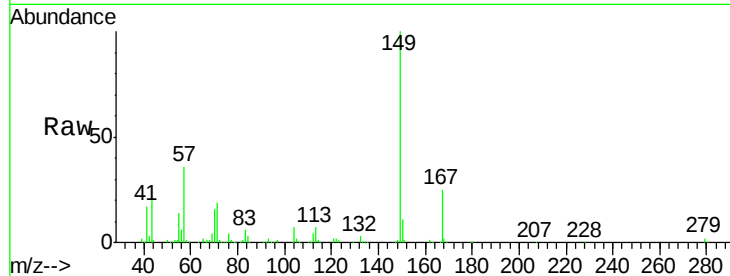




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.90 ng
 RT: 23.50 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

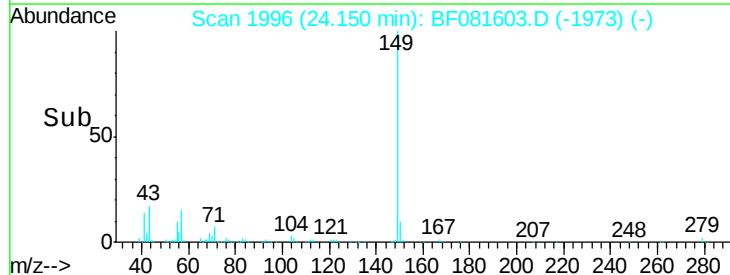
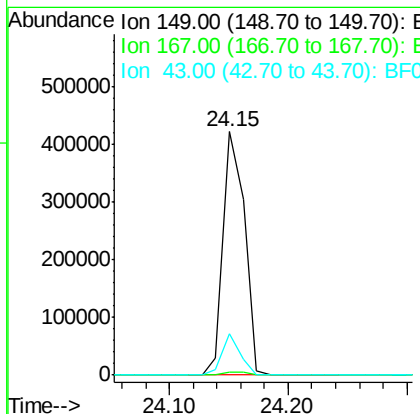
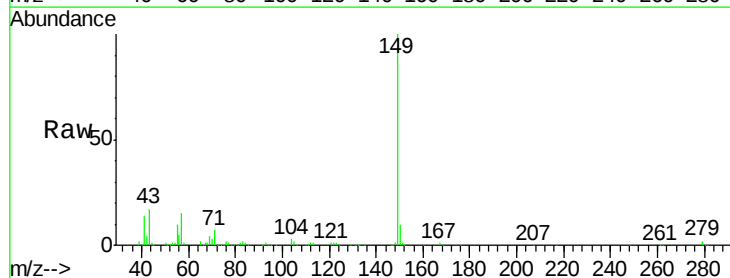
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

Tgt Ion:149 Resp: 340958
 Ion Ratio Lower Upper
 149 100
 167 25.2 24.2 36.2
 279 2.3 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 41.24 ng
 RT: 24.15 min Scan# 1996
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion:149 Resp: 527453
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.4 10.2 15.2

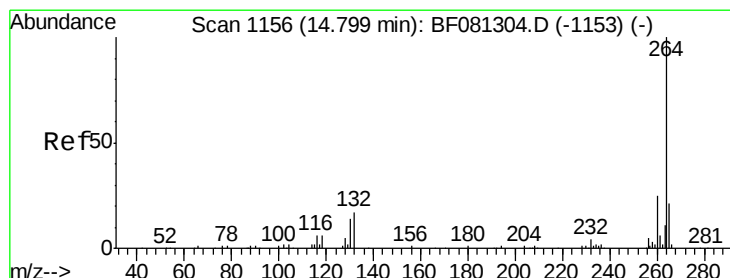
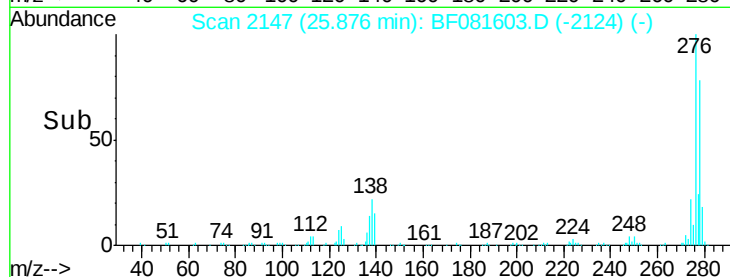
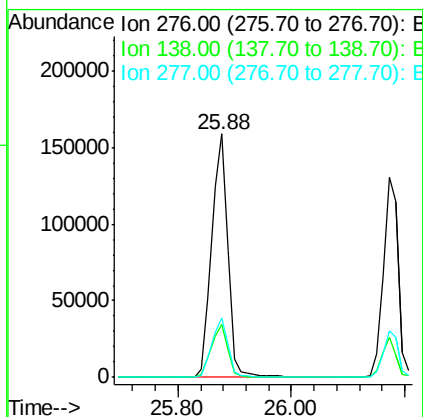
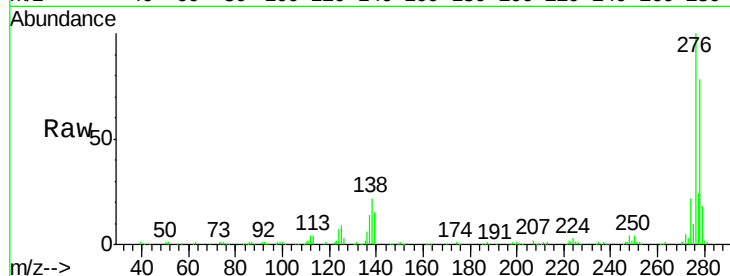




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.38 ng
 RT: 25.88 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

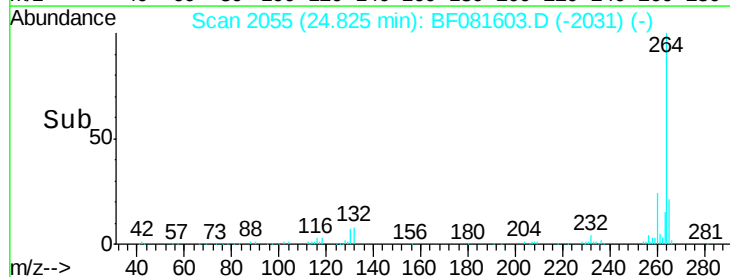
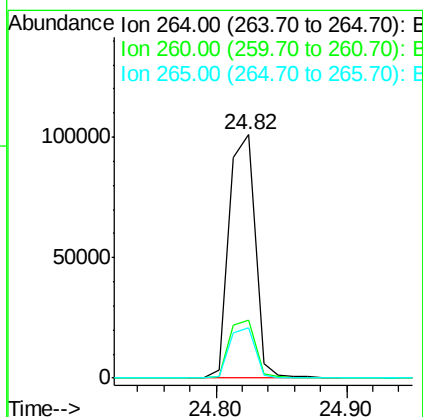
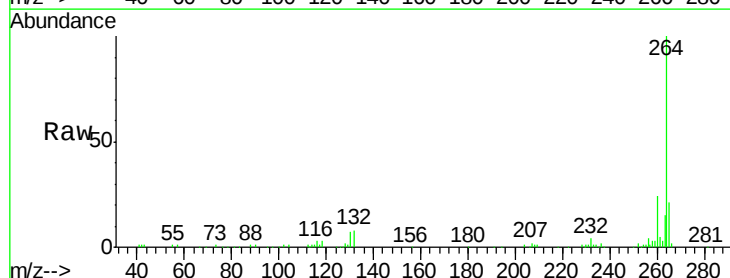
Instrument :
 BNA_F
 ClientSampleId :
 PB85471BS

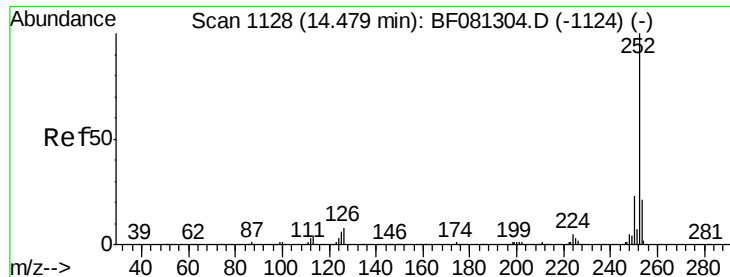
Tgt Ion: 276 Resp: 309014
 Ion Ratio Lower Upper
 276 100
 138 22.0 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.82 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BF081603.D
 Acq: 14 Sep 2015 12:08

Tgt Ion: 264 Resp: 140095
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 20.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 72.19 ng

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

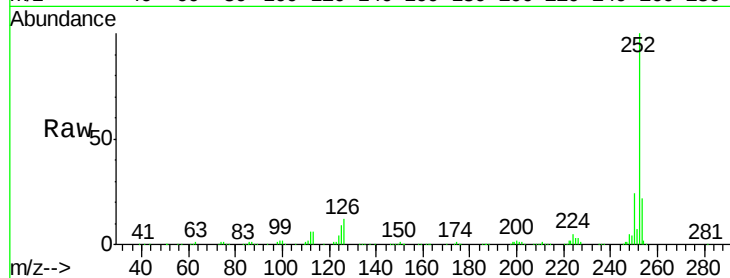
Tgt Ion:252 Resp: 722060

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

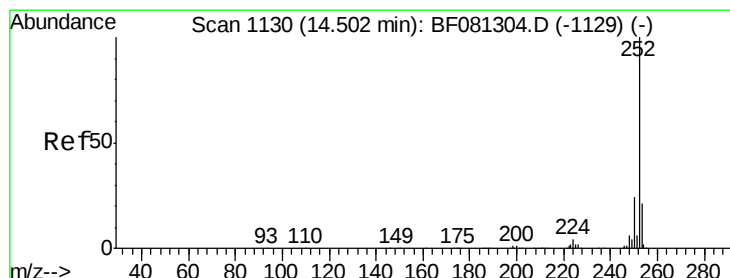
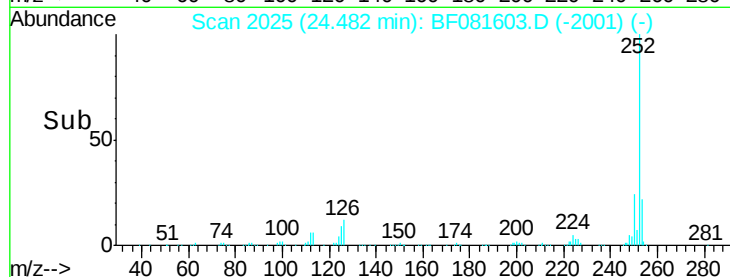
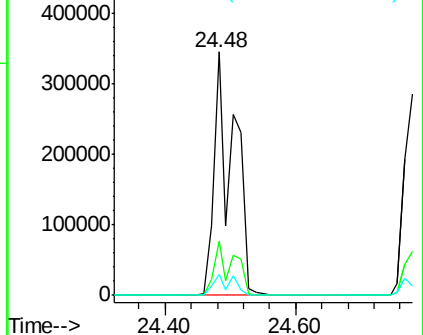
125 8.6 17.1 25.7#



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



#88

Benzo(k)fluoranthene

Concen: 87.00 ng

RT: 24.48 min Scan# 2025

Delta R.T. -0.06 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

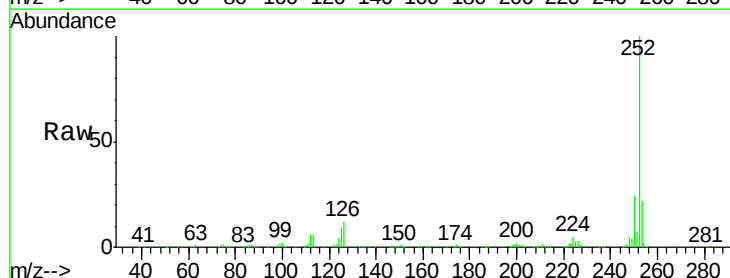
Tgt Ion:252 Resp: 722060

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

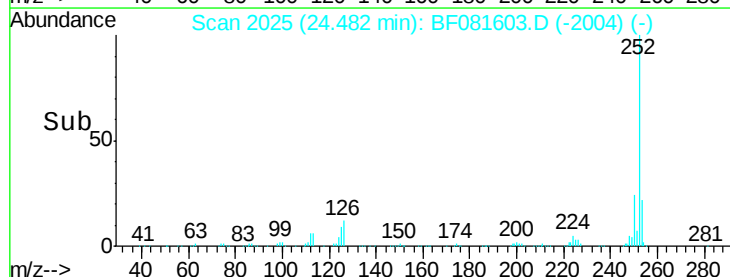
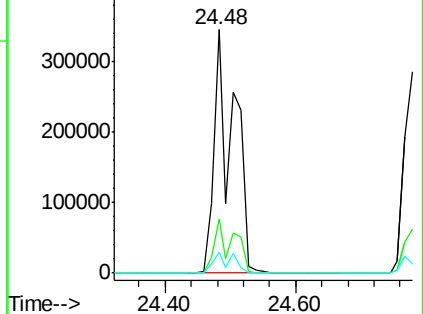
125 8.6 16.0 24.0#

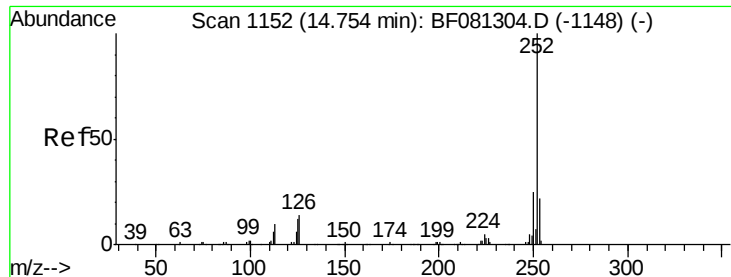


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.90 ng

RT: 24.78 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS

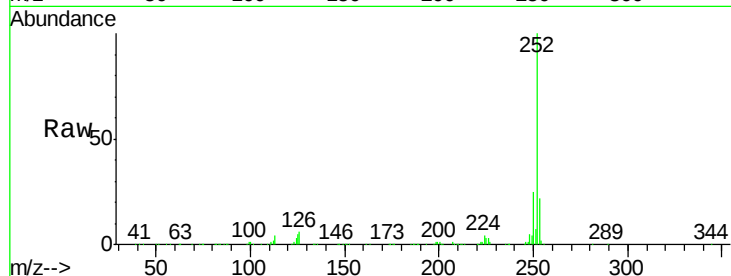
Tgt Ion:252 Resp: 355158

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

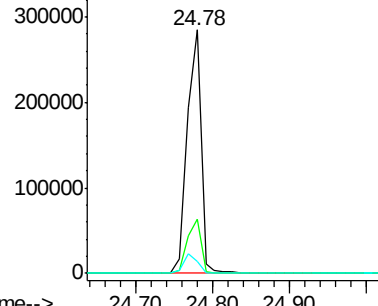
125 5.0 18.0 27.0#



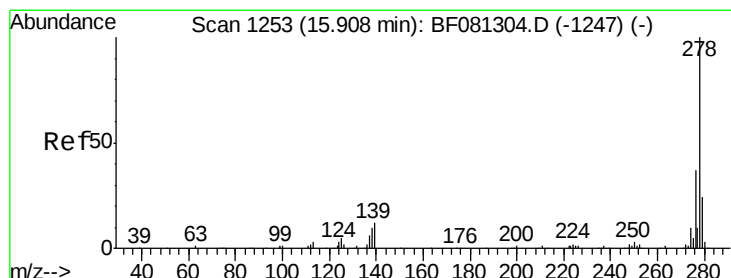
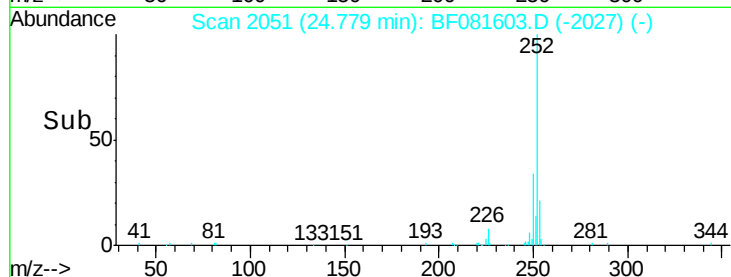
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 39.71 ng

RT: 25.89 min Scan# 2148

Delta R.T. -0.03 min

Lab File: BF081603.D

Acq: 14 Sep 2015 12:08

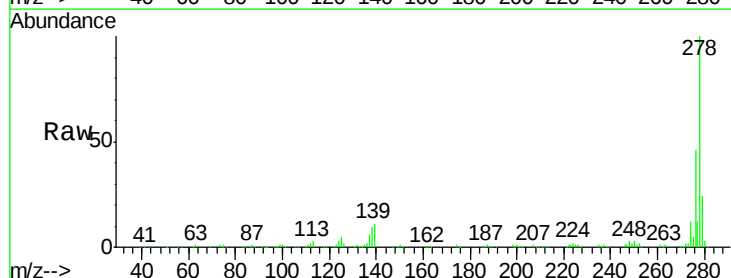
Tgt Ion:278 Resp: 260066

Ion Ratio Lower Upper

278 100

139 11.0 26.3 39.5#

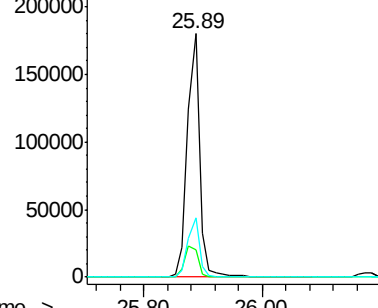
279 24.1 18.2 27.4



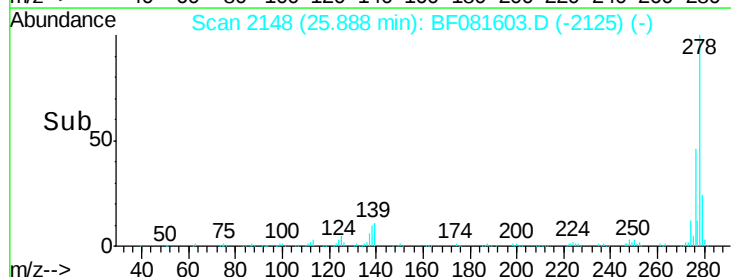
Abundance Ion 278.00 (277.70 to 278.70): E

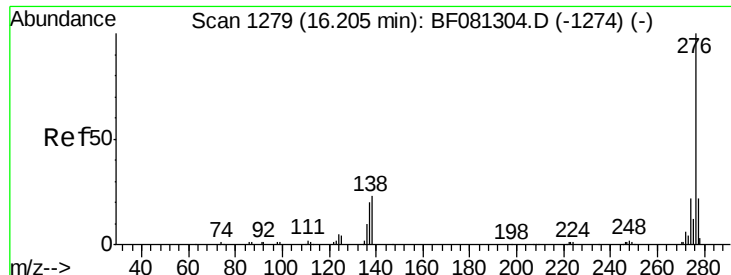
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 39.16 ng

RT: 26.17 min Scan# 2173

Delta R.T. -0.05 min

Lab File: BF081603.D

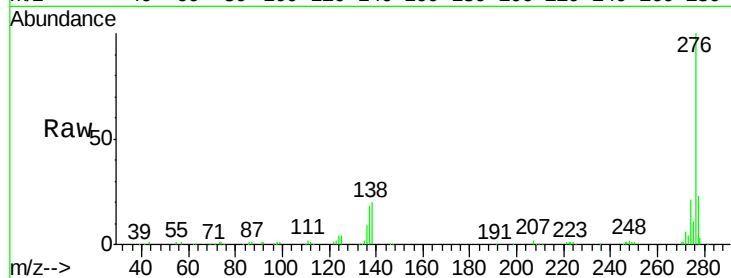
Acq: 14 Sep 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PB85471BS



Tgt Ion:	276	Resp:	244765
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.8	26.6
138	20.3	34.6	51.8#

