

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081646.D
 Acq On : 16 Sep 2015 13:07
 Operator : UM/IZ
 Sample : PB85561BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Quant Time: Sep 17 04:54:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50067	20.00	ng	-0.03
21) Naphthalene-d8	11.09	136	202458	20.00	ng	-0.03
38) Acenaphthene-d10	15.22	164	98182	20.00	ng	-0.03
63) Phenanthrene-d10	18.73	188	206586	20.00	ng	-0.02
75) Chrysene-d12	23.36	240	166207	20.00	ng	-0.02
86) Perylene-d12	24.80	264	114295	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	354913	109.98	ng	0.01
7) Phenol-d6	7.62	99	487000	114.01	ng	-0.02
23) Nitrobenzene-d5	9.50	82	320680	76.42	ng	-0.03
41) 2,4,6-Tribromophenol	17.13	330	108434	124.04	ng	-0.03
44) 2-Fluorobiphenyl	13.74	172	575802	75.15	ng	-0.03
78) Terphenyl-d14	22.09	244	592960	83.05	ng	-0.02

Target Compounds

					Qvalue	
2) 1,4-Dioxane	1.62	88	38778m	26.76	ng	
3) Pyridine	2.14	79	114933	28.76	ng	# 78
4) n-Nitrosodimethylamine	2.10	42	86295	38.87	ng	# 59
6) Aniline	7.49	93	133073	22.06	ng	# 83
8) 2-Chlorophenol	7.74	128	127629	35.89	ng	# 78
9) Benzaldehyde	7.21	77	52955	19.79	ng	# 79
10) Phenol	7.65	94	170973	34.52	ng	# 54
11) bis(2-Chloroethyl)ether	7.73	93	128607	35.99	ng	# 73
12) 1,3-Dichlorobenzene	8.05	146	129186	34.00	ng	# 91
13) 1,4-Dichlorobenzene	8.23	146	129703	33.53	ng	# 90
14) 1,2-Dichlorobenzene	8.55	146	126388	36.29	ng	# 91
15) Benzyl Alcohol	8.63	79	129959	37.09	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.95	45	278721	40.69	ng	92
17) 2-Methylphenol	8.97	107	103943	36.63	ng	# 78
18) Hexachloroethane	9.28	117	54362	36.12	ng	# 88
19) n-Nitroso-di-n-propylamine	9.26	70	106572	36.66	ng	# 91
20) 3+4-Methylphenols	9.35	107	137431	35.92	ng	84
22) Acetophenone	9.18	105	194386	35.15	ng	# 75
24) Nitrobenzene	9.53	77	157413	36.12	ng	# 63
25) Isophorone	10.13	82	277211	35.52	ng	# 84
26) 2-Nitrophenol	10.26	139	64318	33.86	ng	# 28
27) 2,4-Dimethylphenol	10.54	122	118493	36.12	ng	# 76
28) bis(2-Chloroethoxy)methane	10.73	93	164033	36.38	ng	# 93
29) 2,4-Dichlorophenol	10.88	162	104633	36.78	ng	94
30) 1,2,4-Trichlorobenzene	10.99	180	110766	35.84	ng	95
31) Naphthalene	11.14	128	376244	34.85	ng	99
32) Benzoic acid	11.04	122	61323	27.34	ng	# 50
33) 4-Chloroaniline	11.37	127	78222	17.76	ng	# 81
34) Hexachlorobutadiene	11.50	225	69159	36.77	ng	99
35) Caprolactam	12.30	113	33487m	38.38	ng	
36) 4-Chloro-3-methylphenol	12.70	107	129135	40.56	ng	# 72
37) 2-Methylnaphthalene	12.79	142	253539	36.08	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	13.20	216	109350	35.22	ng	98
40) Hexachlorocyclopentadiene	13.18	237	112998	74.15	ng	97

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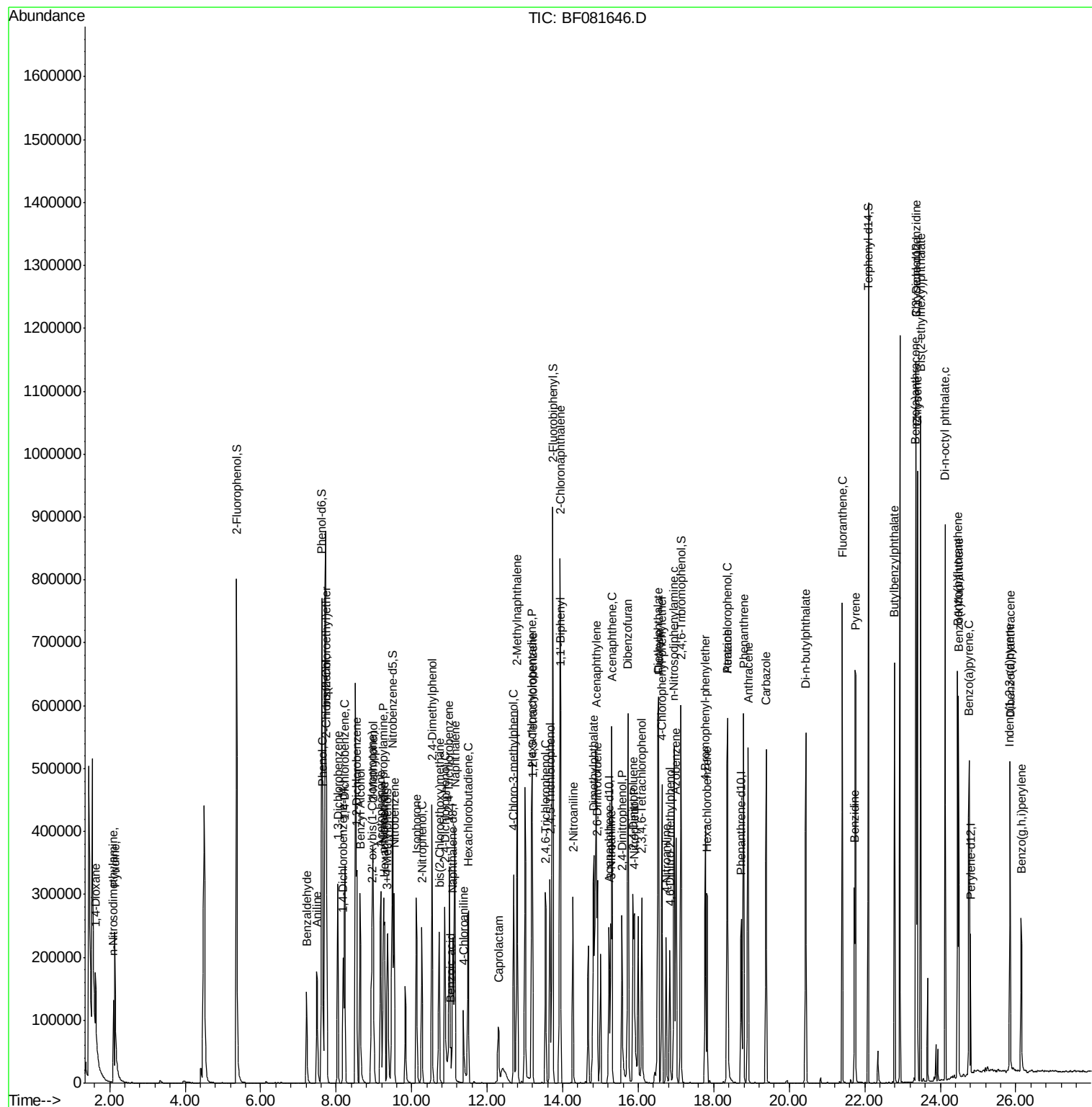
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.56	196	74944	34.97	ng	98
43) 2,4,5-Trichlorophenol	13.66	196	77495	35.45	ng #	86
45) 1,1'-Biphenyl	13.94	154	314057	34.77	ng	96
46) 2-Chloronaphthalene	13.93	162	227260	34.84	ng #	86
47) 2-Nitroaniline	14.28	65	101869	38.32	ng #	61
48) Acenaphthylene	14.88	152	399532	34.52	ng	97
49) Dimethylphthalate	14.82	163	286802	37.60	ng #	96
50) 2,6-Dinitrotoluene	14.92	165	58185	33.61	ng #	37
51) Acenaphthene	15.30	154	229478	34.86	ng	92
52) 3-Nitroaniline	15.27	138	43771	22.21	ng #	46
53) 2,4-Dinitrophenol	15.57	184	62521	71.52	ng #	30
54) Dibenzofuran	15.73	168	356481	37.08	ng #	84
55) 4-Nitrophenol	15.90	139	87644	70.78	ng #	20
56) 2,4-Dinitrotoluene	15.86	165	82465	37.41	ng #	51
57) Fluorene	16.54	166	285328	39.11	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	66164	39.64	ng	91
59) Diethylphthalate	16.52	149	319715	39.84	ng	95
60) 4-Chlorophenyl-phenylether	16.63	204	135086	39.73	ng #	82
61) 4-Nitroaniline	16.74	138	62514	31.39	ng #	30
62) Azobenzene	17.00	77	360330	40.39	ng	81
64) 4,6-Dinitro-2-methylphenol	16.84	198	41255	35.70	ng	83
65) n-Nitrosodiphenylamine	16.95	169	250206	33.28	ng	93
66) 4-Bromophenyl-phenylether	17.77	248	76443	36.60	ng #	88
67) Hexachlorobenzene	17.83	284	78100	35.76	ng #	91
68) Atrazine	18.37	200	93016	42.76	ng #	74
69) Pentachlorophenol	18.37	266	69638	67.08	ng	98
70) Phenanthrene	18.79	178	407568	35.49	ng	97
71) Anthracene	18.92	178	425232	36.04	ng	98
72) Carbazole	19.38	167	395525	35.72	ng	96
73) Di-n-butylphthalate	20.44	149	520134	39.78	ng #	98
74) Fluoranthene	21.41	202	449880	36.18	ng	89
76) Benzidine	21.72	184	193155	27.07	ng	97
77) Pyrene	21.76	202	475637	38.63	ng	97
79) Butylbenzylphthalate	22.78	149	219098	40.92	ng #	71
80) Benzo(a)anthracene	23.35	228	388966	36.75	ng	97
81) 3,3'-Dichlorobenzidine	23.36	252	77913	21.82	ng #	94
82) Chrysene	23.40	228	344299	36.29	ng	96
83) Bis(2-ethylhexyl)phthalate	23.48	149	305805	43.28	ng #	91
84) Di-n-octyl phthalate	24.13	149	455554	39.15	ng	95
85) Indeno(1,2,3-cd)pyrene	25.84	276	227937	32.74	ng #	83
87) Benzo(b)fluoranthene	24.46	252	289602m	35.49	ng	
88) Benzo(k)fluoranthene	24.48	252	267352m	39.49	ng	
89) Benzo(a)pyrene	24.76	252	277817	40.18	ng #	81
90) Dibenzo(a,h)anthracene	25.85	278	191607	35.86	ng #	79
91) Benzo(g,h,i)perylene	26.14	276	184989	36.28	ng #	76

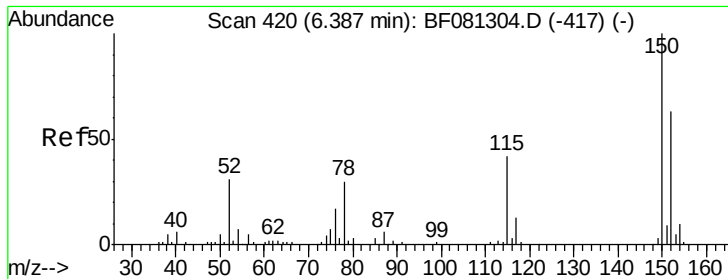
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

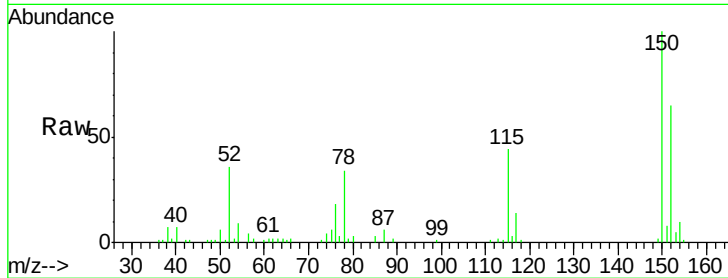
Tgt Ion:152 Resp: 50067

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

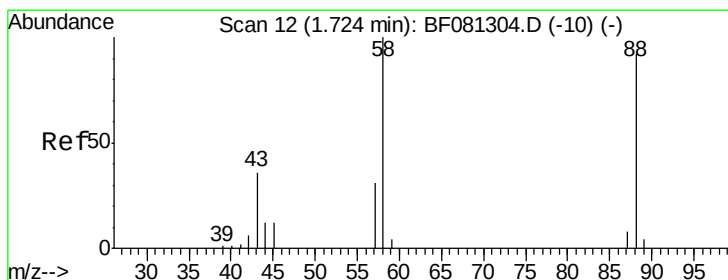
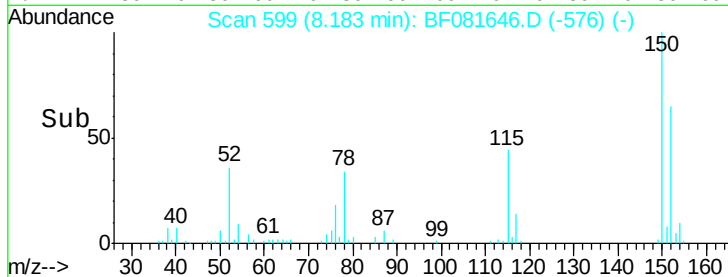
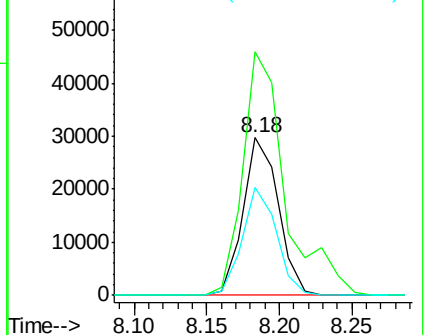
115 68.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.76 ng m

RT: 1.62 min Scan# 25

Delta R.T. 0.06 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

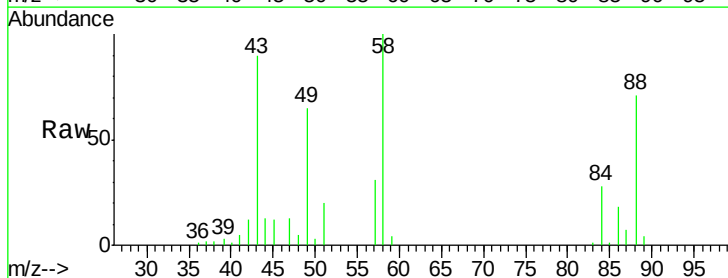
Tgt Ion: 88 Resp: 38778

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

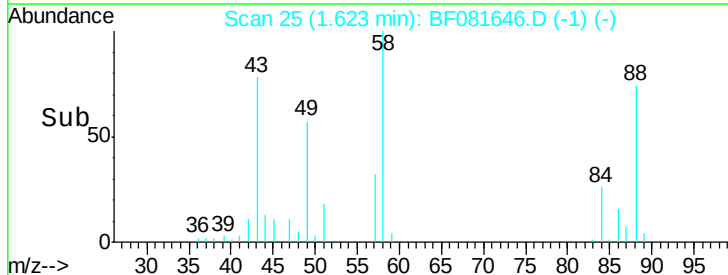
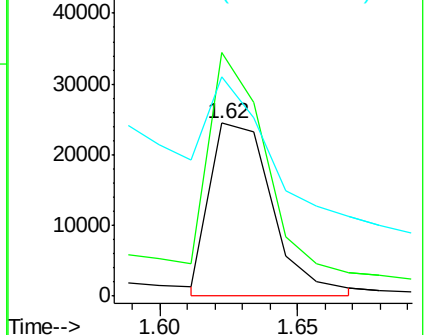
43 0.0 26.6 40.0#

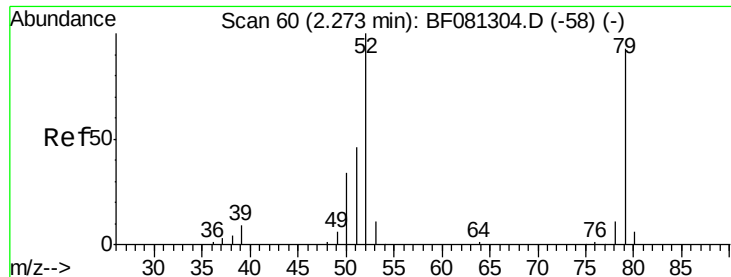


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

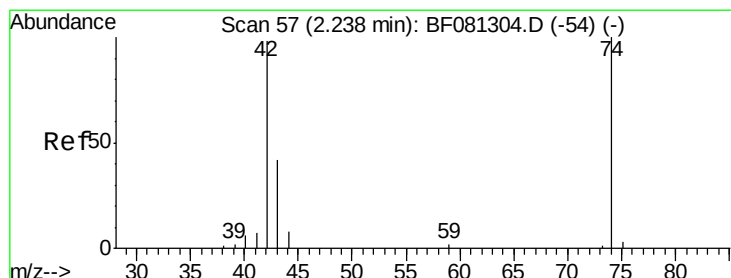
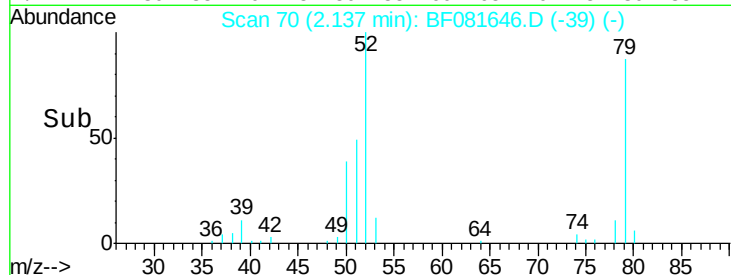
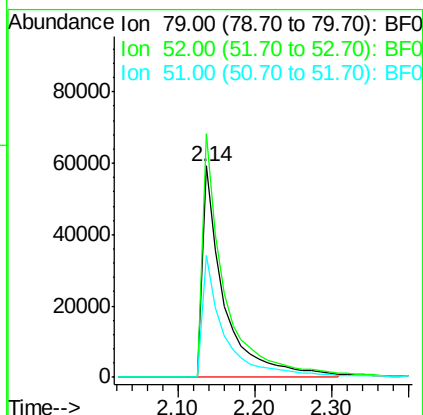
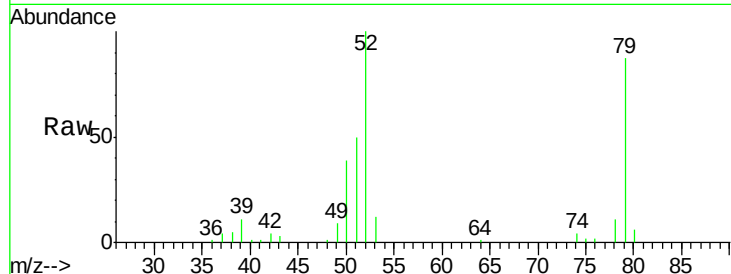




#3
 Pyridine
 Concen: 28.76 ng
 RT: 2.14 min Scan# 70
 Delta R.T. 0.06 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

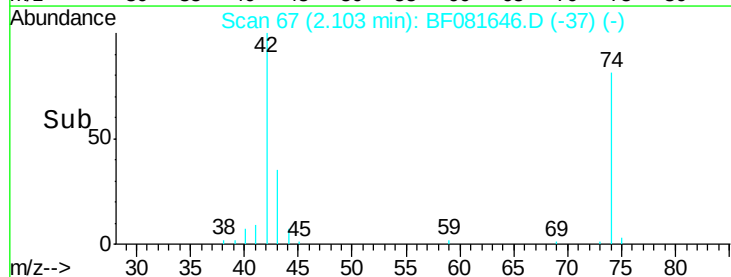
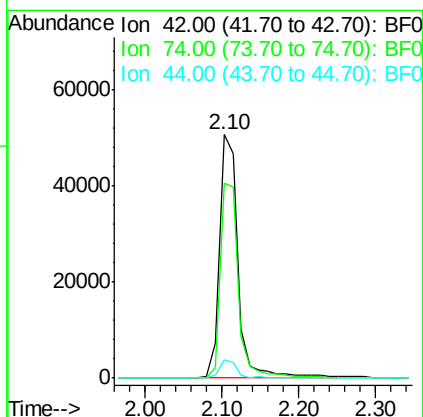
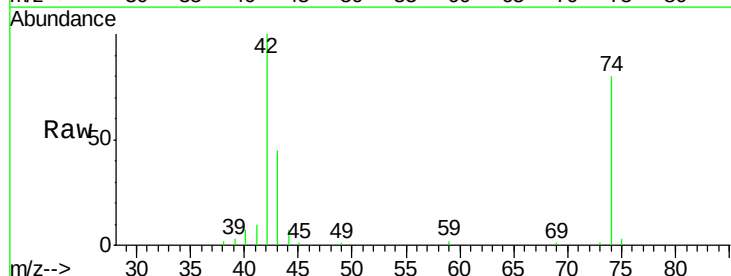
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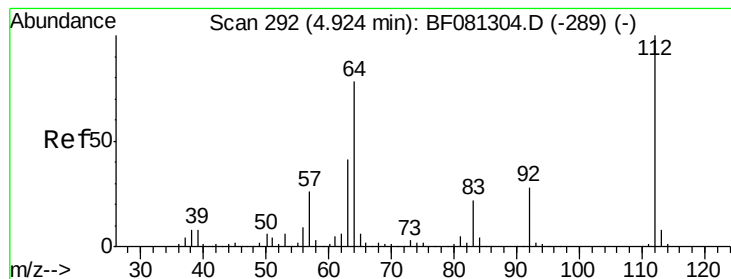
Tgt Ion: 79 Resp: 114933
 Ion Ratio Lower Upper
 79 100
 52 115.2 76.8 115.2#
 51 57.9 32.2 48.4#



#4
 n-Nitrosodimethylamine
 Concen: 38.87 ng
 RT: 2.10 min Scan# 67
 Delta R.T. 0.05 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion: 42 Resp: 86295
 Ion Ratio Lower Upper
 42 100
 74 79.9 105.0 157.6#
 44 7.3 6.6 10.0

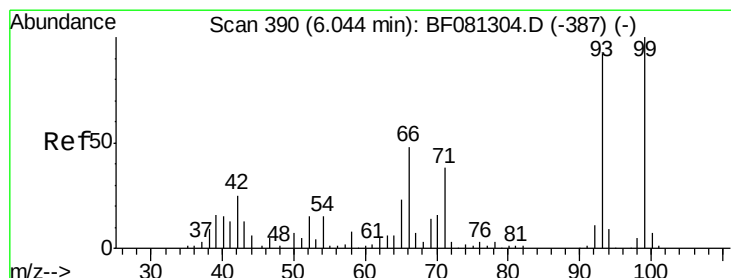
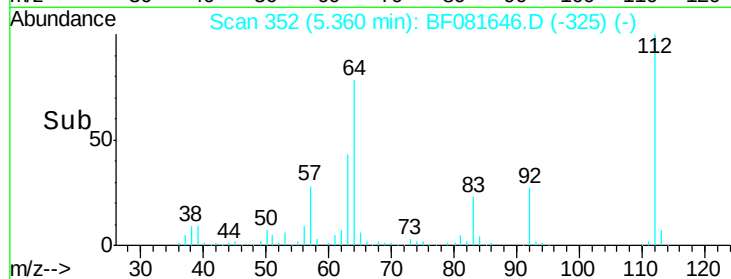
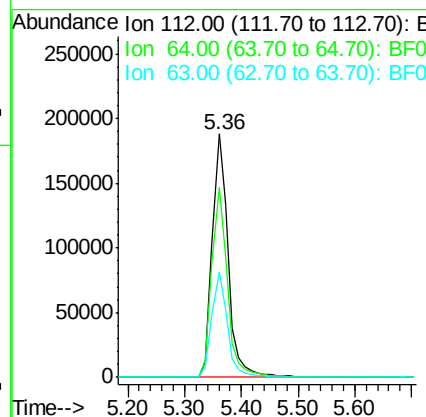
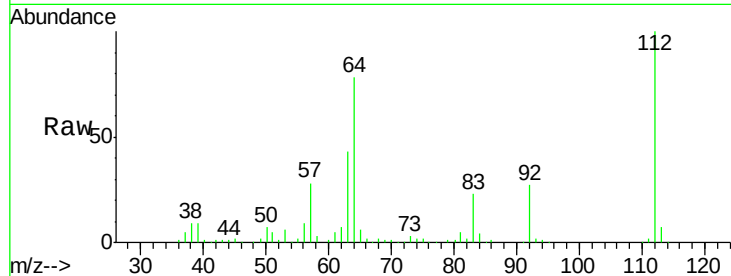




#5
 2-Fluorophenol
 Concen: 109.98 ng
 RT: 5.36 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

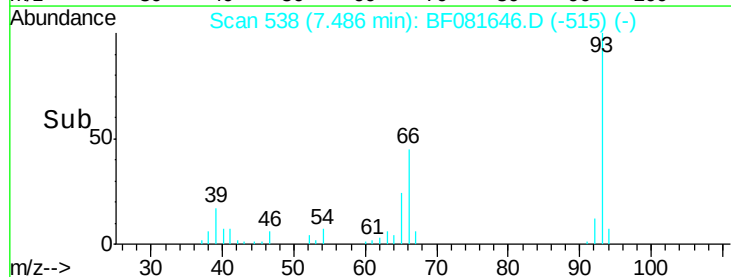
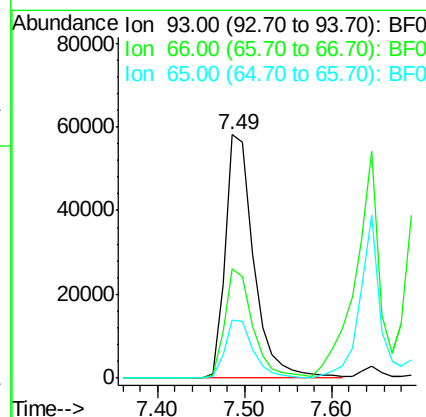
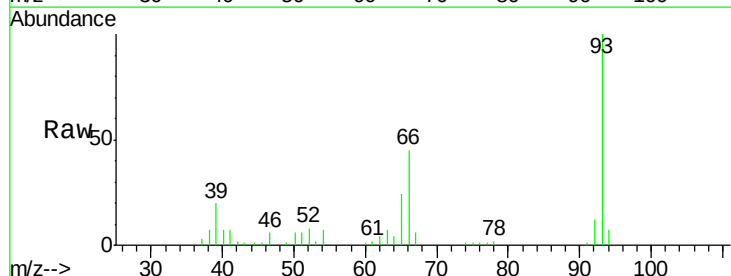
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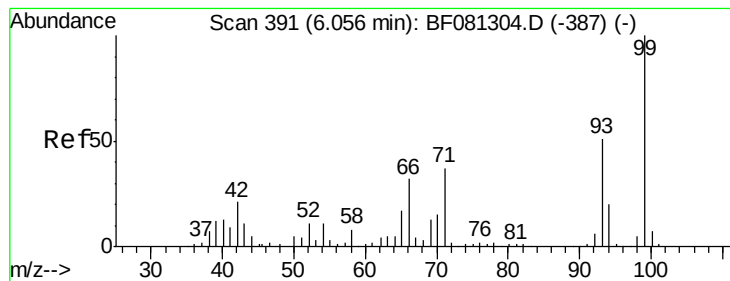
Tgt Ion: 112 Resp: 354913
 Ion Ratio Lower Upper
 112 100
 64 77.8 39.7 59.5#
 63 43.4 17.4 26.0#



#6
 Aniline
 Concen: 22.06 ng
 RT: 7.49 min Scan# 538
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion: 93 Resp: 133073
 Ion Ratio Lower Upper
 93 100
 66 44.9 27.2 40.8#
 65 23.9 14.7 22.1#





#7

Phenol-d6

Concen: 114.01 ng

RT: 7.62 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

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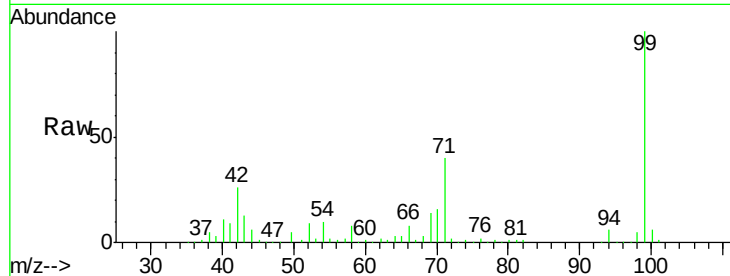
Tgt Ion: 99 Resp: 487000

Ion Ratio Lower Upper

99 100

42 26.0 13.7 20.5#

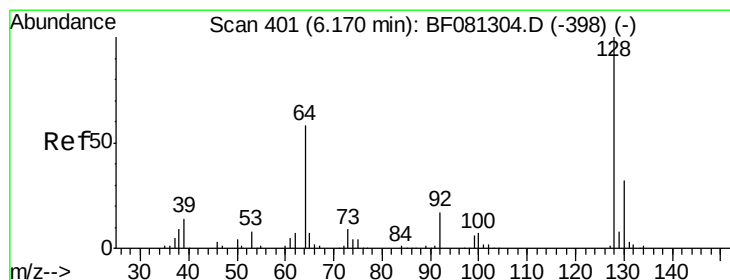
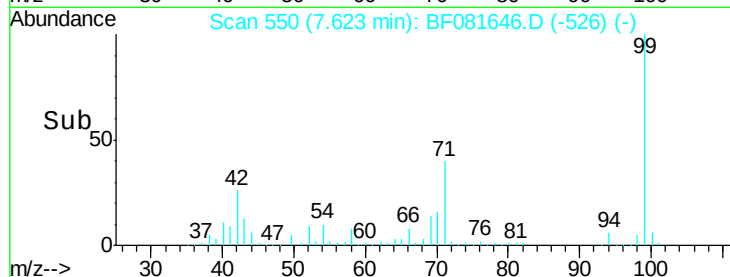
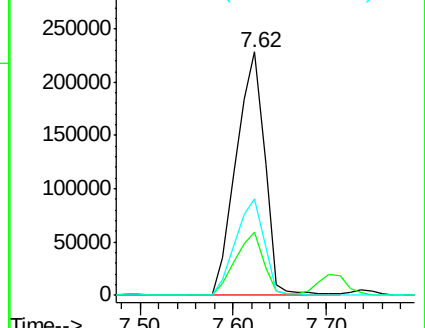
71 39.7 14.2 21.2#



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: 35.89 ng

RT: 7.74 min Scan# 560

Delta R.T. -0.03 min

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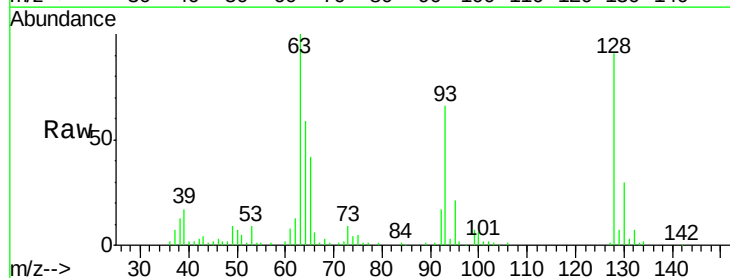
Tgt Ion: 128 Resp: 127629

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

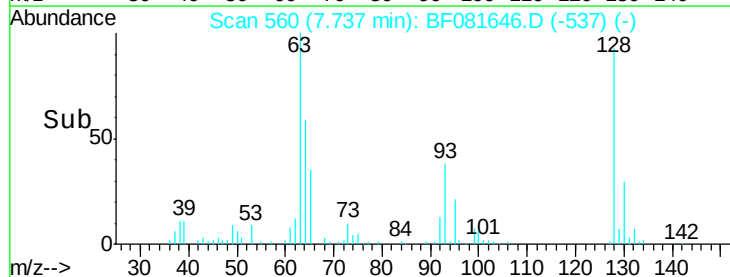
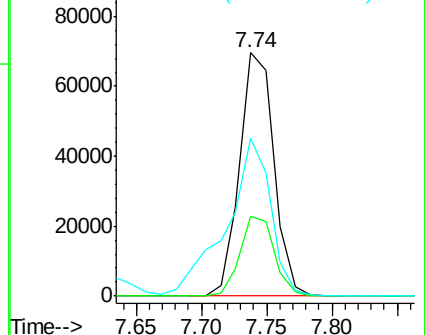
64 64.9 20.5 60.5#

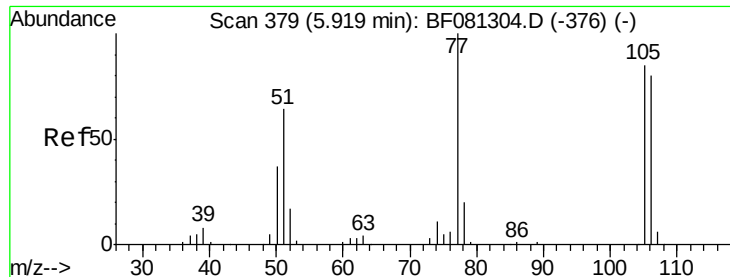


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.79 ng

RT: 7.21 min Scan# 514

Delta R.T. -0.02 min

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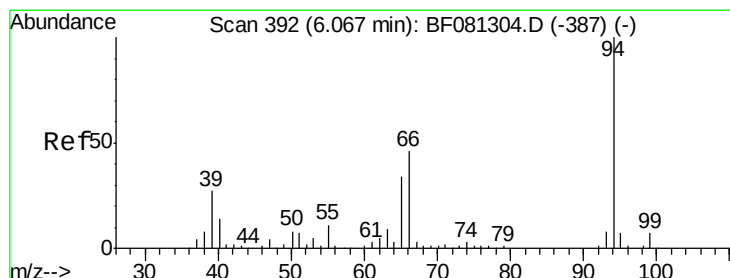
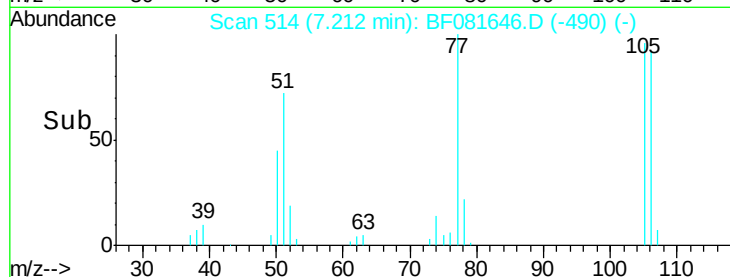
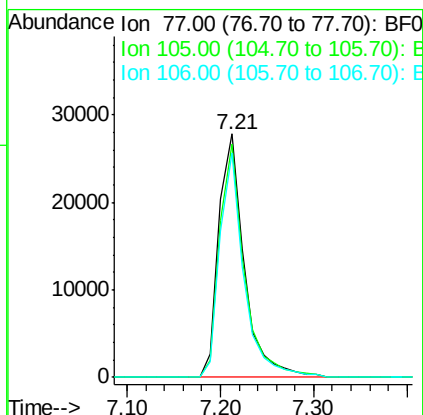
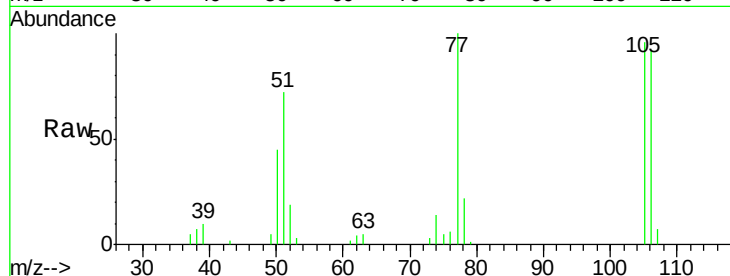
Tgt Ion: 77 Resp: 52955

Ion Ratio Lower Upper

77 100

105 95.8 91.6 131.6

106 91.9 102.6 142.6#



#10

Phenol

Concen: 34.52 ng

RT: 7.65 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

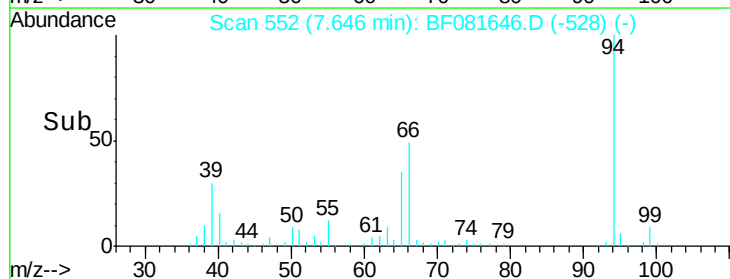
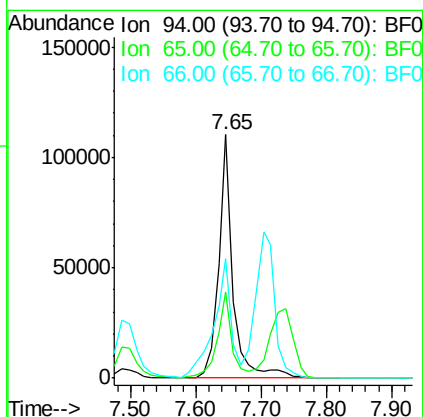
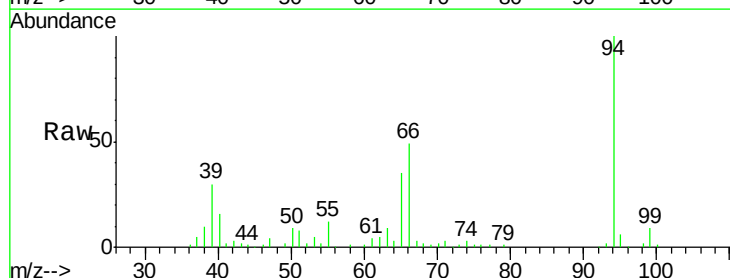
Tgt Ion: 94 Resp: 170973

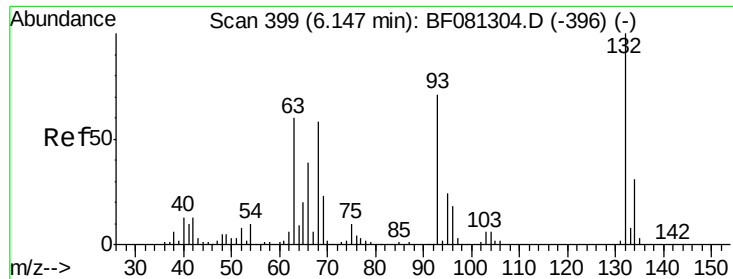
Ion Ratio Lower Upper

94 100

65 35.4 0.7 40.7

66 49.2 0.8 40.8#

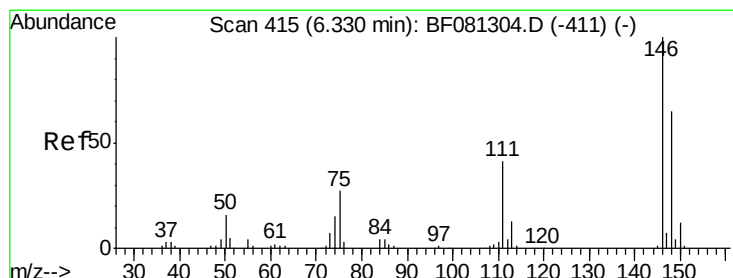
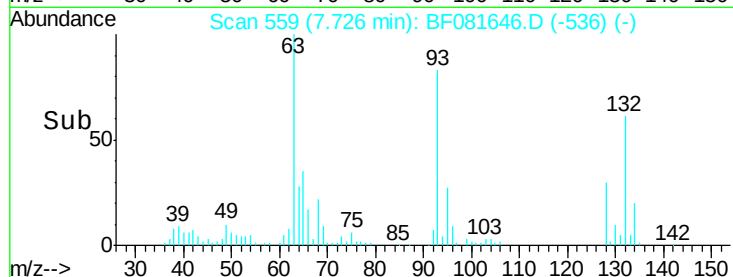
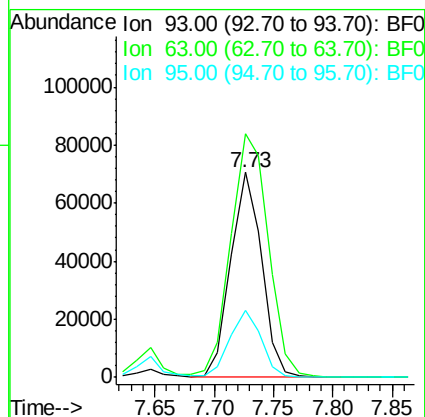
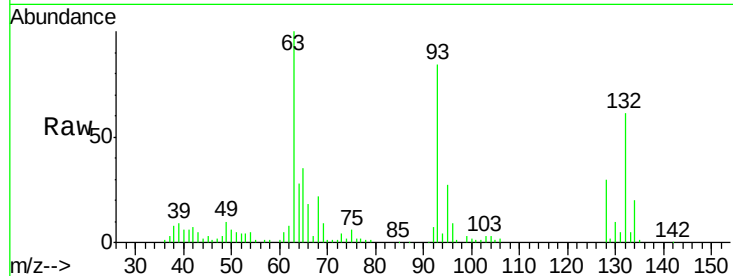




#11
bis(2-Chloroethyl)ether
Concen: 35.99 ng
RT: 7.73 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

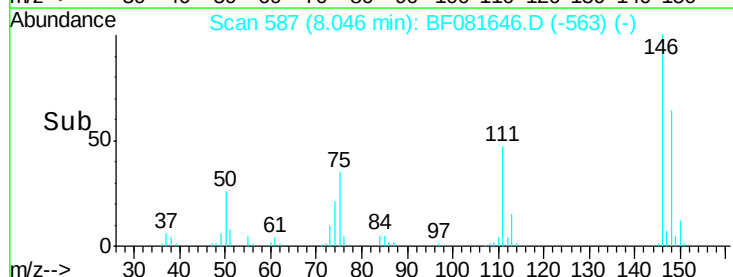
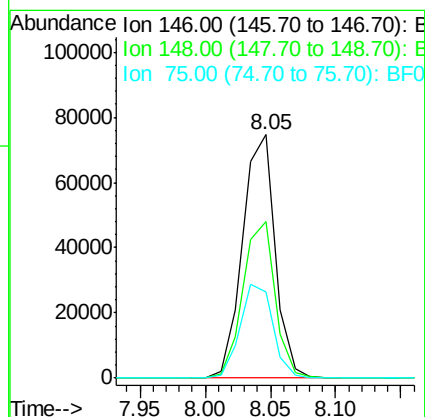
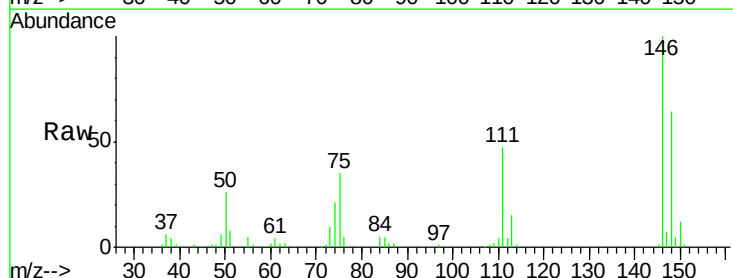
Instrument :
BNA_F
ClientSampleId :
PB85561BS

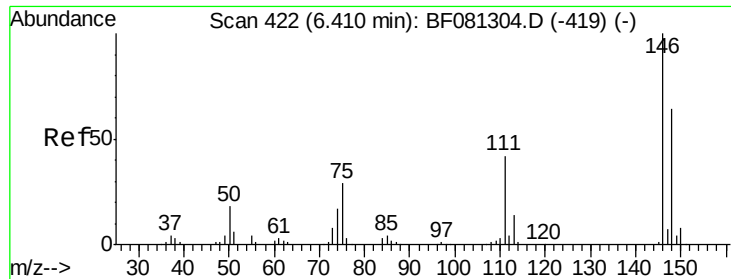
Tgt Ion: 93 Resp: 128607
Ion Ratio Lower Upper
93 100
63 118.9 65.6 105.6#
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 34.00 ng
RT: 8.05 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion: 146 Resp: 129186
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 35.3 15.0 22.6#

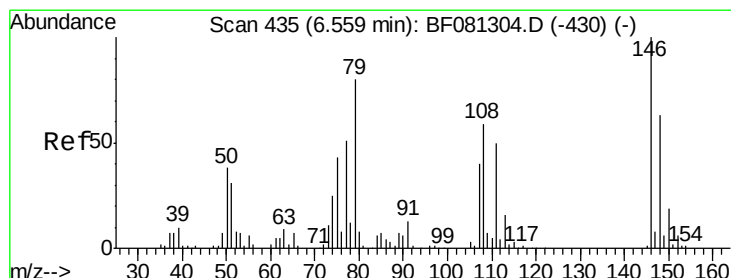
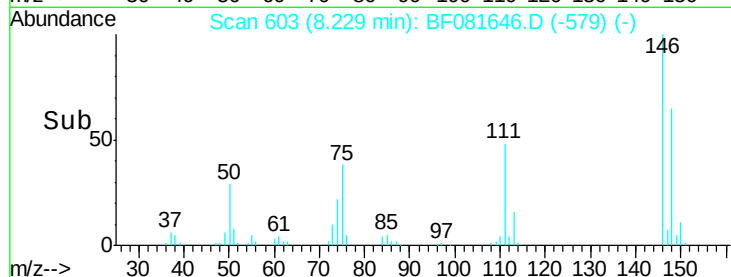
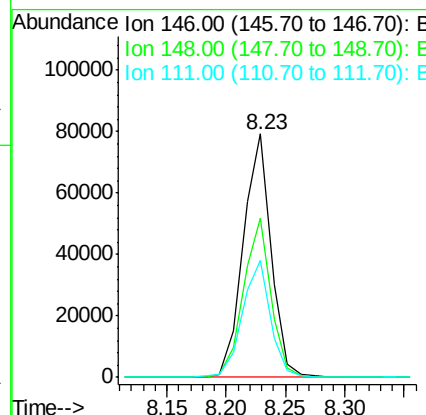
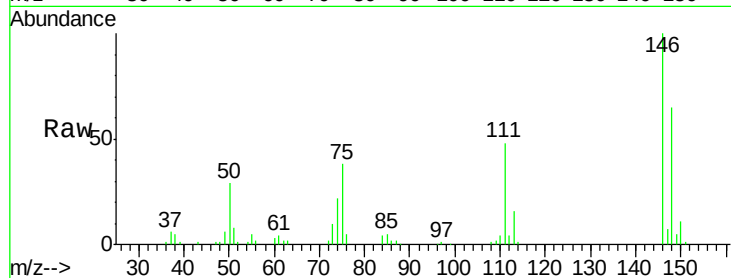




#13
 1,4-Dichlorobenzene
 Concen: 33.53 ng
 RT: 8.23 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

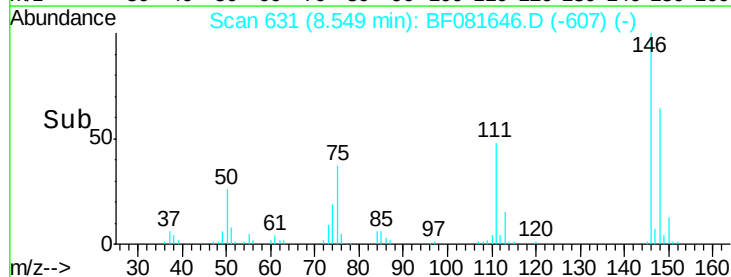
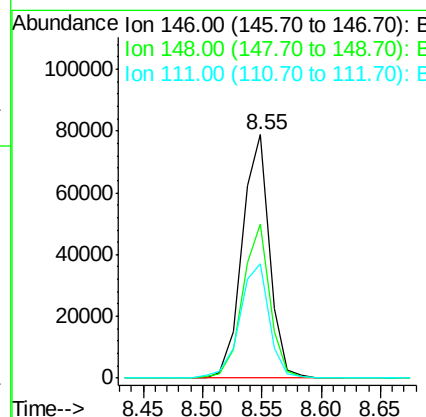
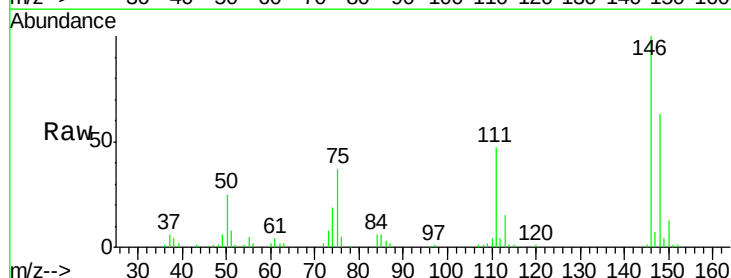
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

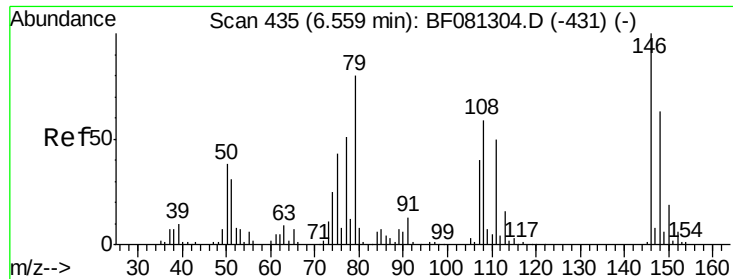
Tgt Ion:146 Resp: 129703
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 47.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 36.29 ng
 RT: 8.55 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:146 Resp: 126388
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.7 79.1
 111 47.2 28.8 43.2#





#15

Benzyl Alcohol

Concen: 37.09 ng

RT: 8.63 min Scan# 638

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

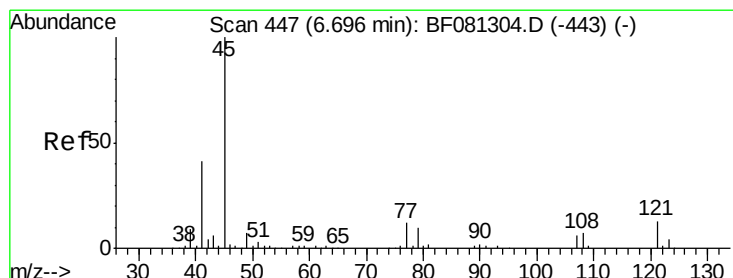
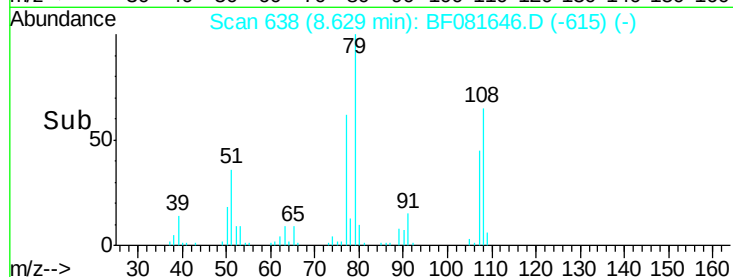
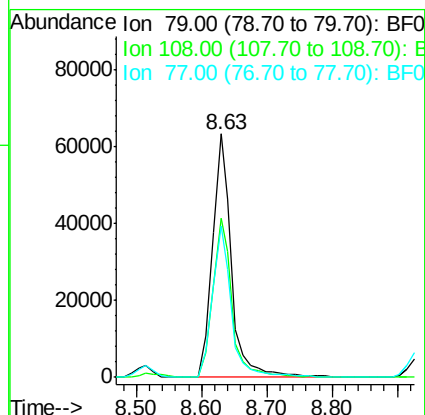
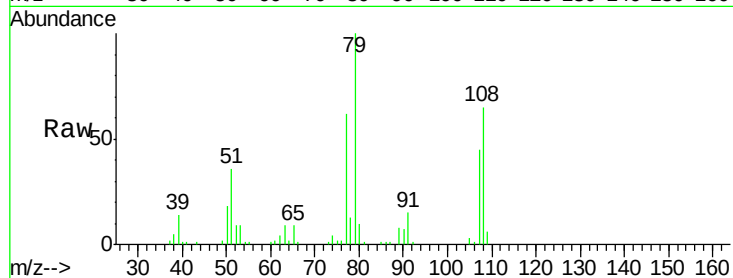
Tgt Ion: 79 Resp: 129959

Ion Ratio Lower Upper

79 100

108 65.2 88.6 132.8#

77 62.2 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.69 ng

RT: 8.95 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

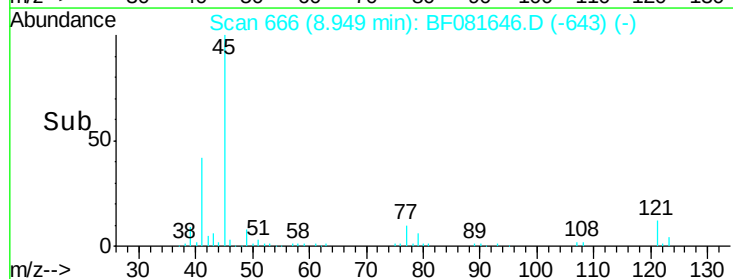
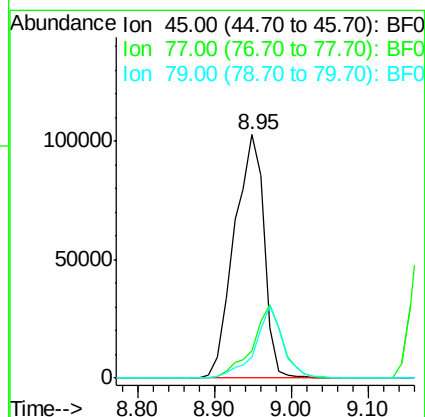
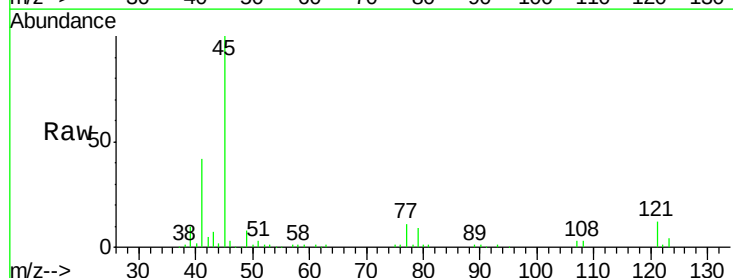
Tgt Ion: 45 Resp: 278721

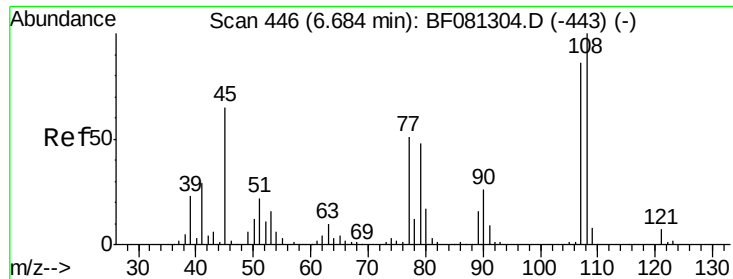
Ion Ratio Lower Upper

45 100

77 11.0 0.0 28.1

79 8.7 0.0 26.0

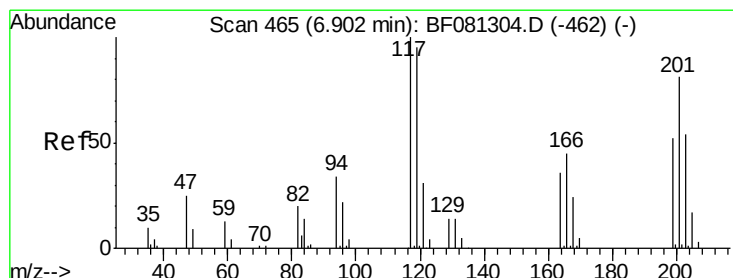
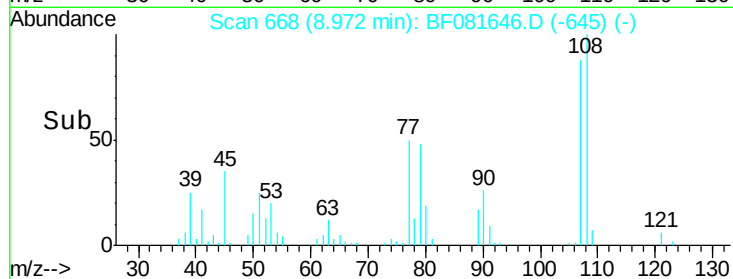
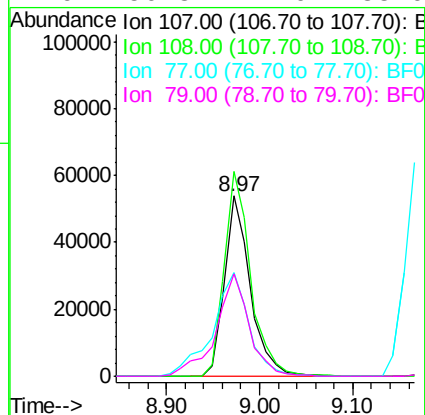
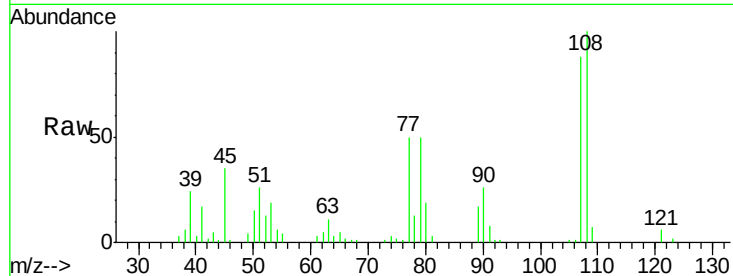




#17
 2-Methylphenol
 Concen: 36.63 ng
 RT: 8.97 min Scan# 668
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

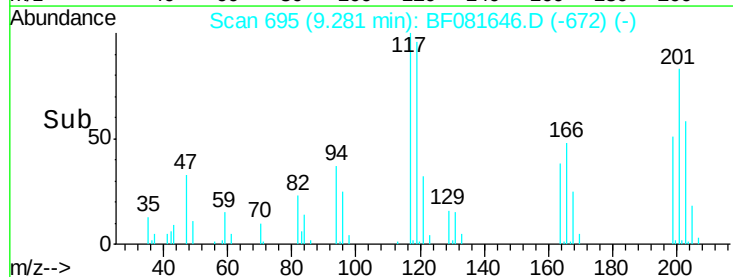
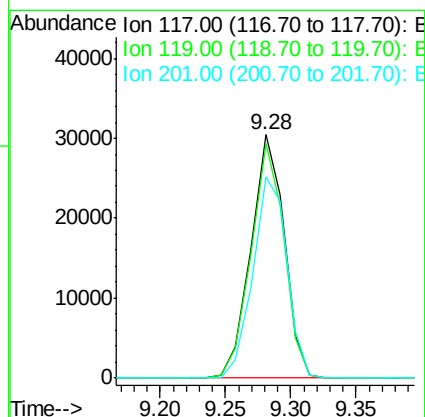
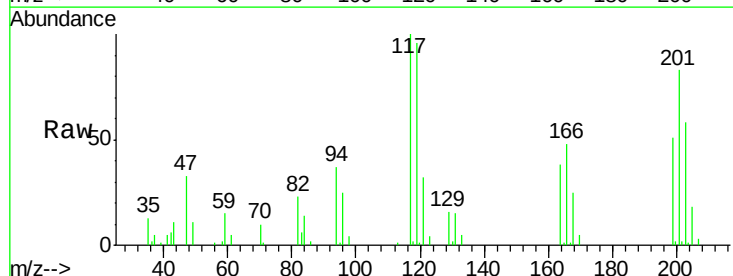
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

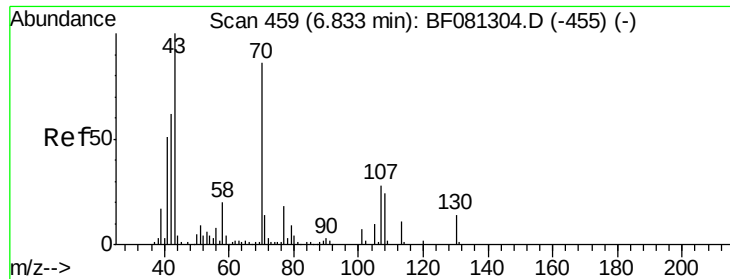
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	96.6	145.0
77	57.3	23.3	34.9#
79	56.8	22.0	33.0#



#18
 Hexachloroethane
 Concen: 36.12 ng
 RT: 9.28 min Scan# 695
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	83.8	125.6
201	82.7	55.1	82.7#

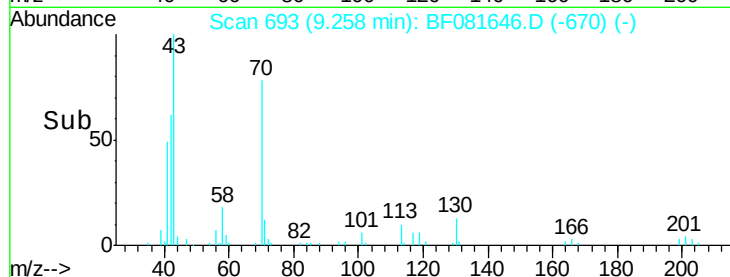
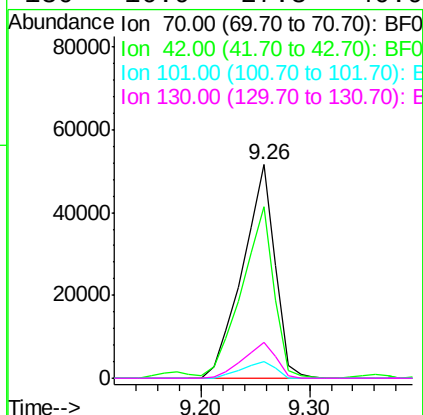
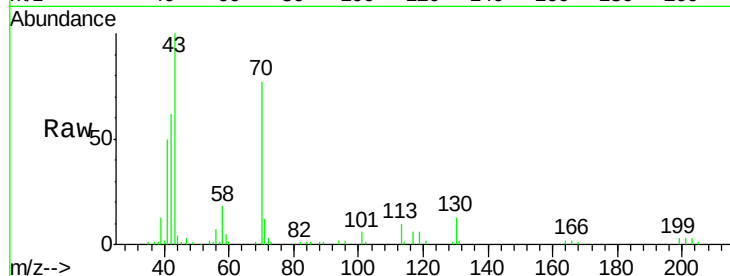




#19
n-Nitroso-di-n-propylamine
Concen: 36.66 ng
RT: 9.26 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

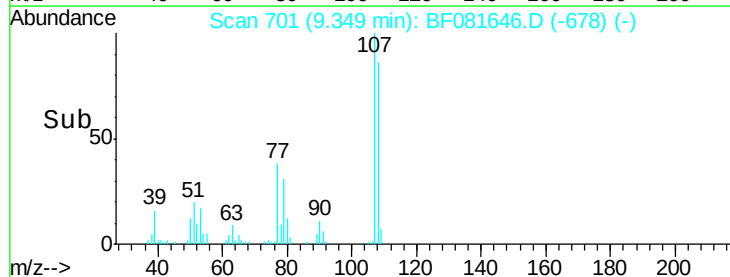
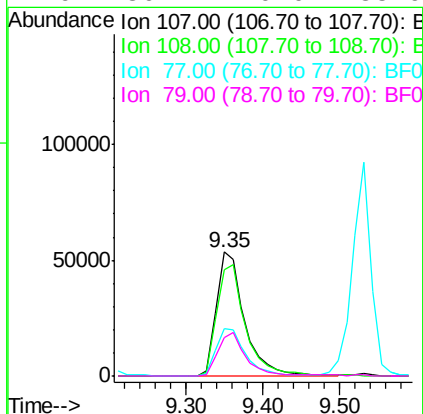
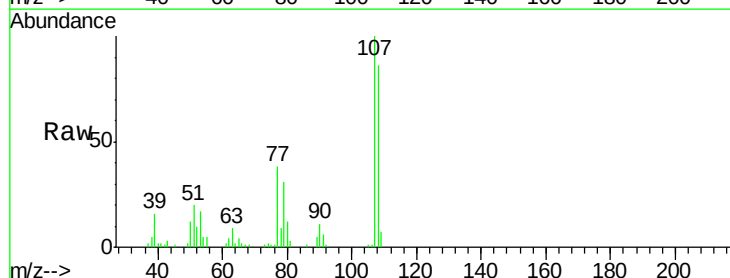
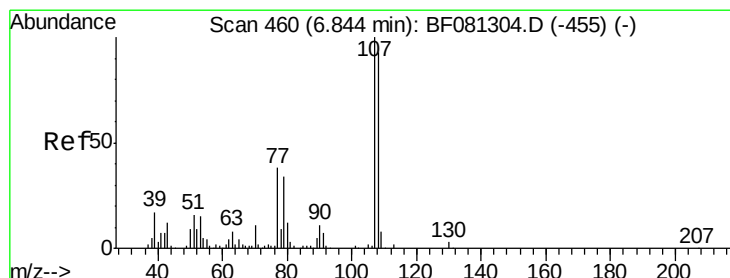
Instrument :
BNA_F
ClientSampleId :
PB85561BS

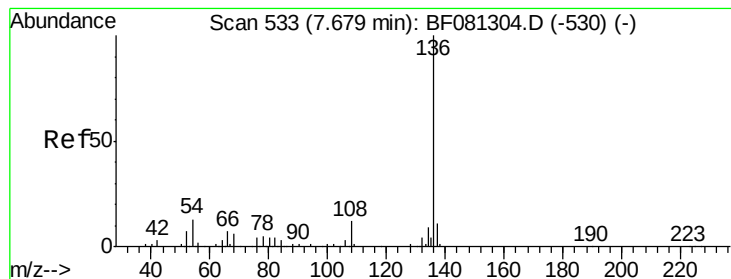
Tgt Ion: 70 Resp: 106572
Ion Ratio Lower Upper
70 100
42 80.3 63.8 95.6
101 8.0 9.2 13.8#
130 16.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 35.92 ng
RT: 9.35 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion: 107 Resp: 137431
Ion Ratio Lower Upper
107 100
108 85.6 74.6 114.6
77 38.2 0.7 40.7
79 30.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

Tgt Ion:136 Resp: 202458

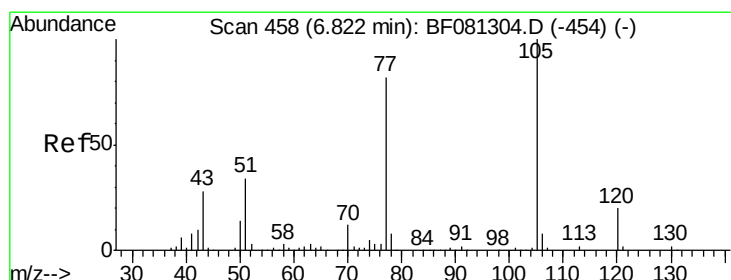
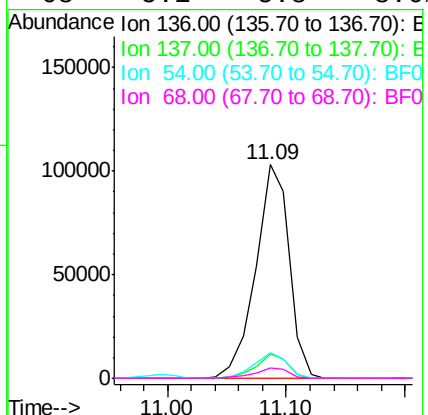
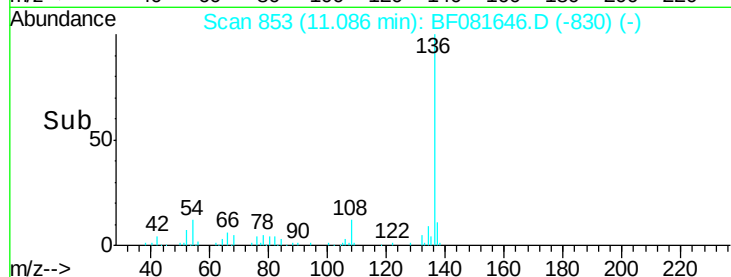
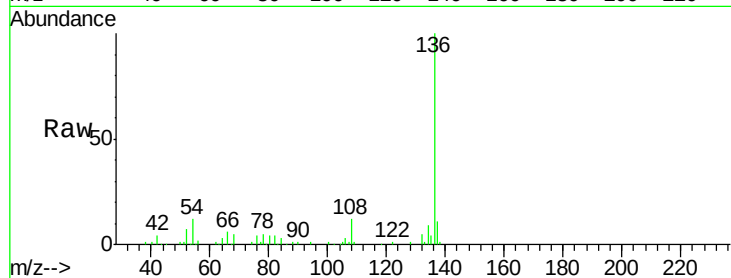
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 12.1 8.2 12.2

68 5.1 5.8 8.6#



#22

Acetophenone

Concen: 35.15 ng

RT: 9.18 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Tgt Ion:105 Resp: 194386

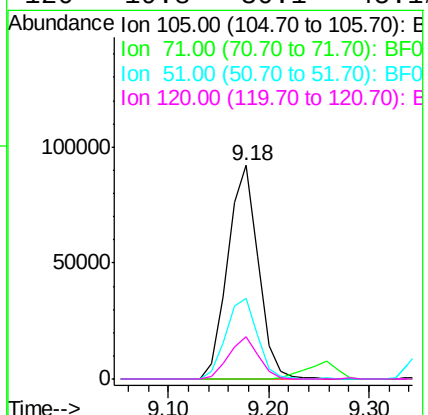
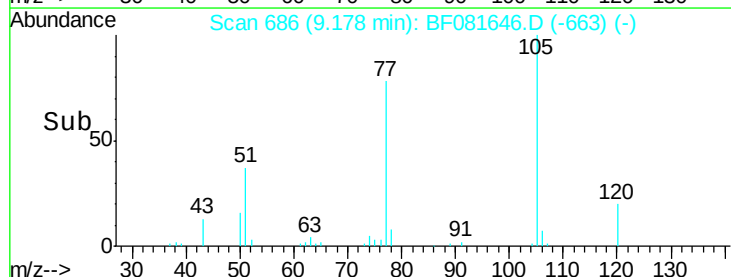
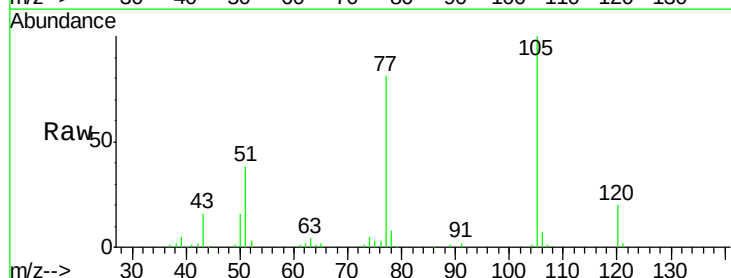
Ion Ratio Lower Upper

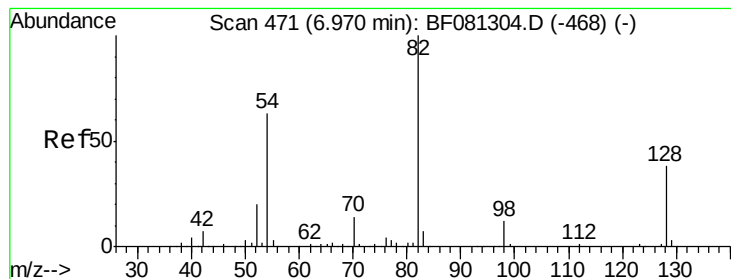
105 100

71 0.0 4.7 7.1#

51 37.6 22.0 33.0#

120 19.8 30.1 45.1#





#23

Nitrobenzene-d5

Concen: 76.42 ng

RT: 9.50 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

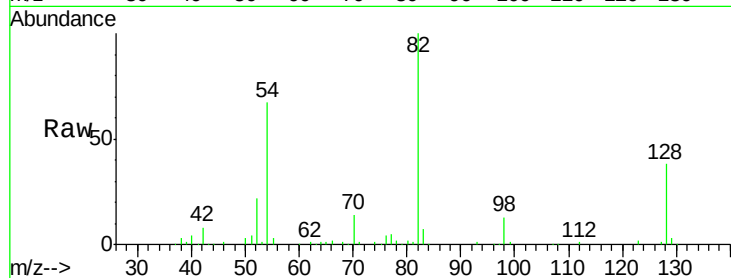
Tgt Ion: 82 Resp: 320680

Ion Ratio Lower Upper

82 100

128 38.0 51.0 76.6#

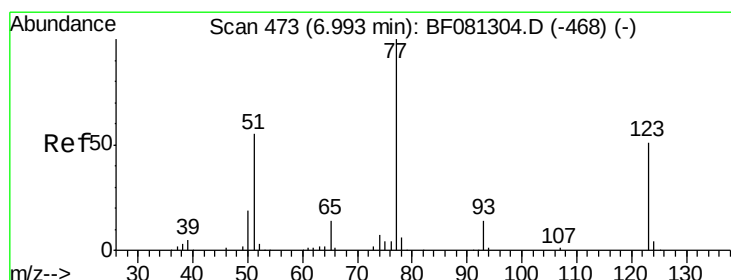
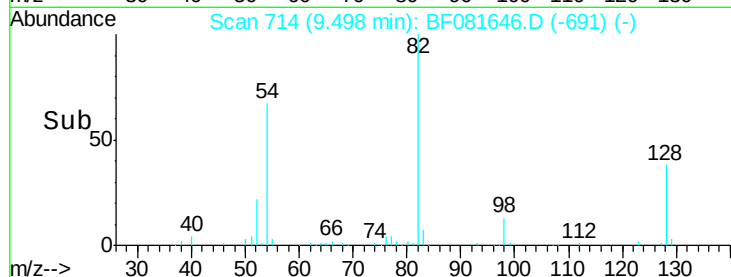
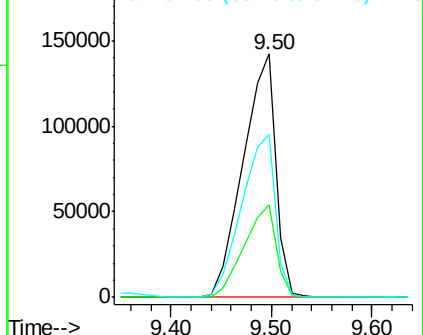
54 67.1 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.12 ng

RT: 9.53 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

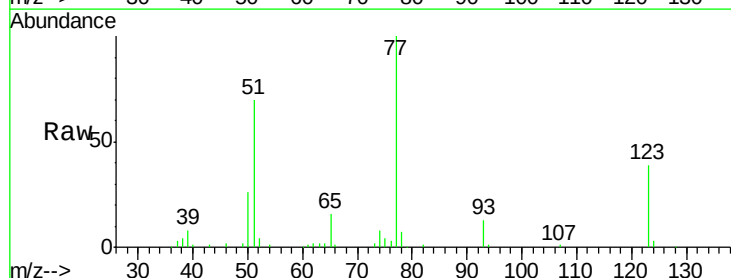
Tgt Ion: 77 Resp: 157413

Ion Ratio Lower Upper

77 100

123 39.4 59.8 89.8#

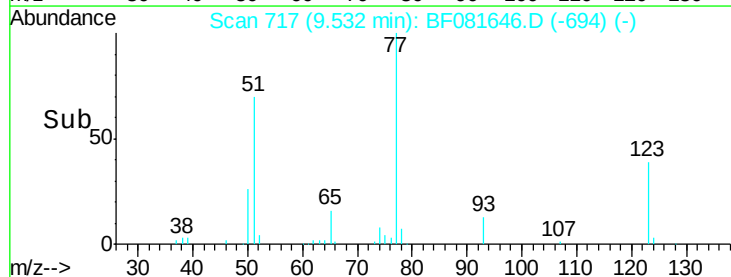
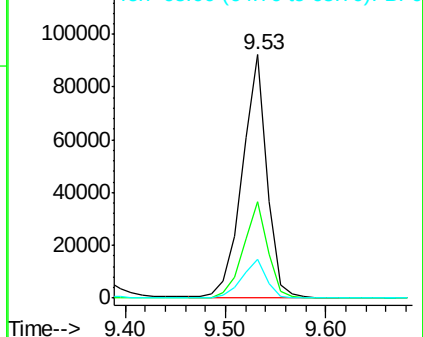
65 16.1 10.2 15.4#

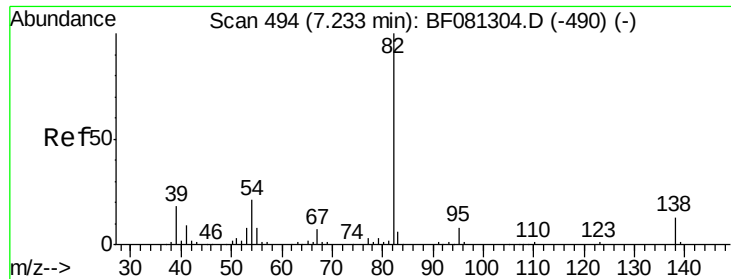


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.52 ng

RT: 10.13 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

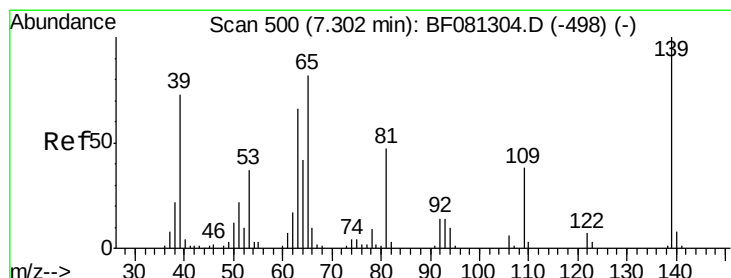
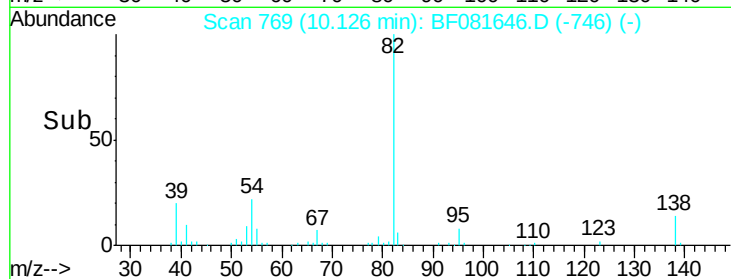
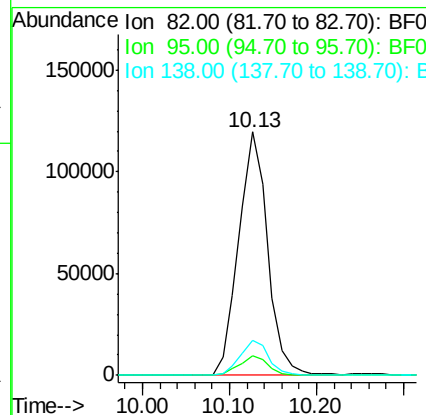
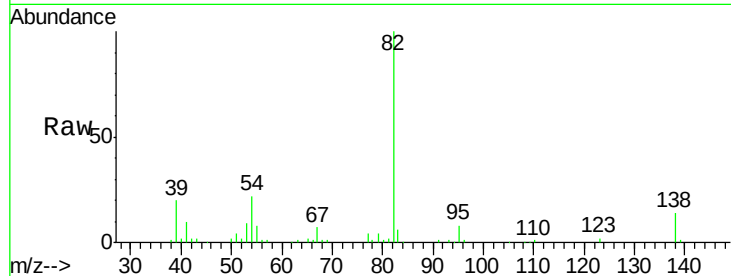
Tgt Ion: 82 Resp: 277211

Ion Ratio Lower Upper

82 100

95 7.8 4.0 6.0#

138 14.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 33.86 ng

RT: 10.26 min Scan# 781

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

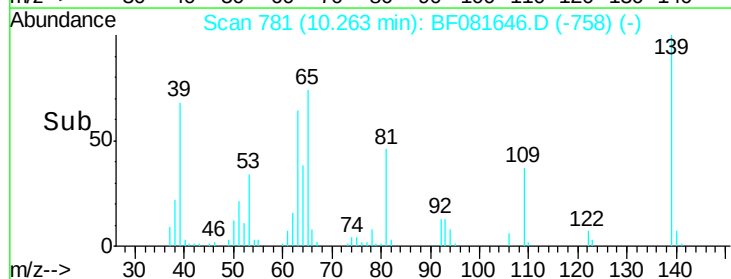
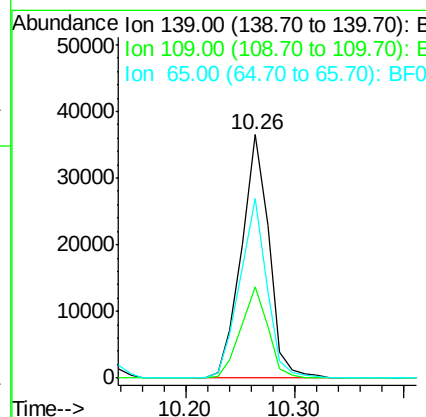
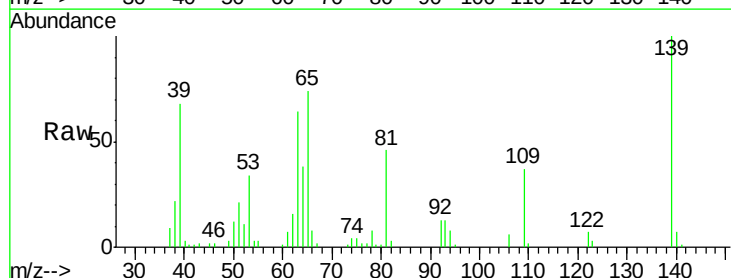
Tgt Ion: 139 Resp: 64318

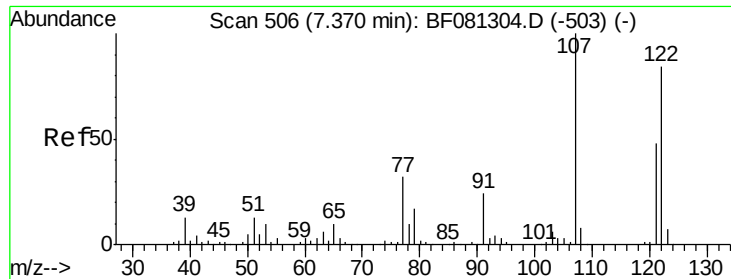
Ion Ratio Lower Upper

139 100

109 37.5 11.0 16.4#

65 73.5 24.7 37.1#

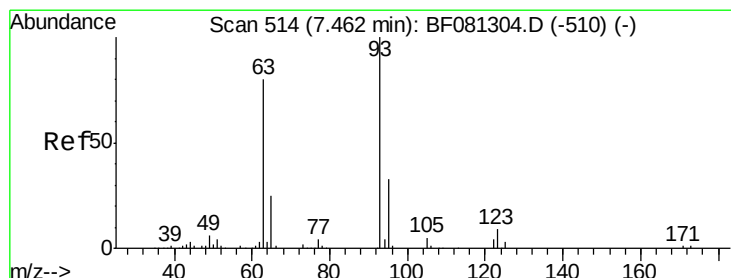
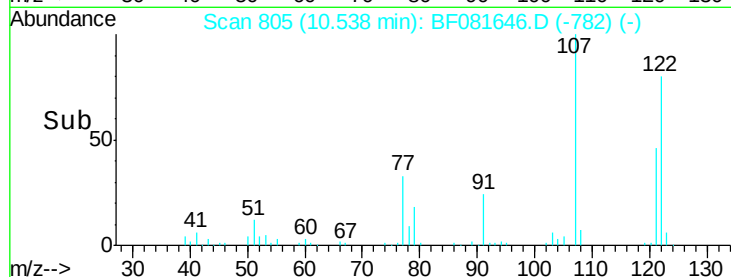
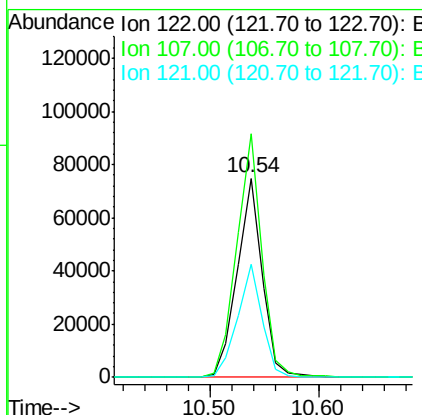
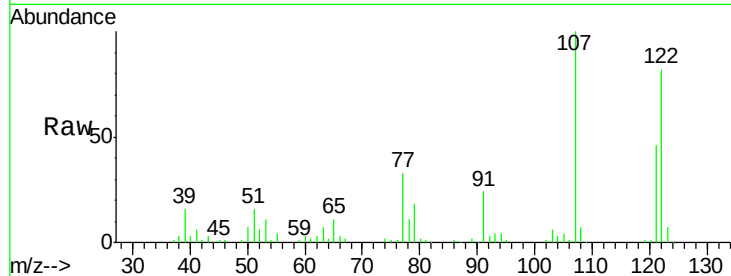




#27
 2,4-Dimethylphenol
 Concen: 36.12 ng
 RT: 10.54 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

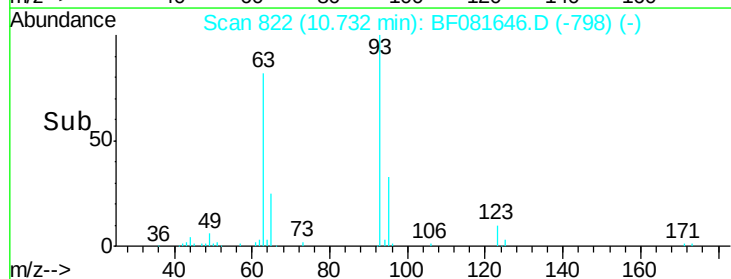
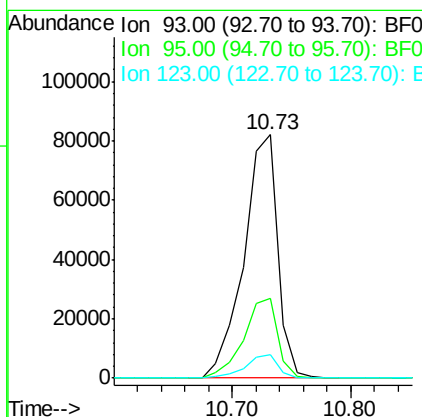
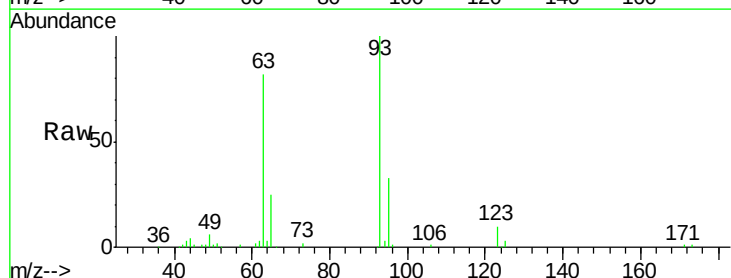
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

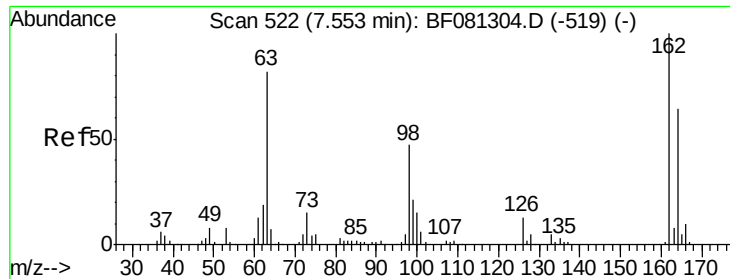
Tgt Ion:122 Resp: 118493
 Ion Ratio Lower Upper
 122 100
 107 122.2 71.8 107.6#
 121 56.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.38 ng
 RT: 10.73 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion: 93 Resp: 164033
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.5 41.3
 123 9.7 13.7 20.5#

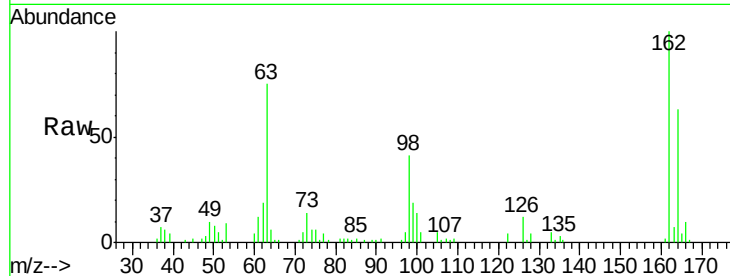




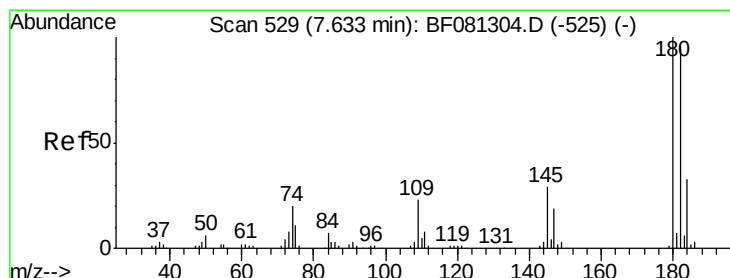
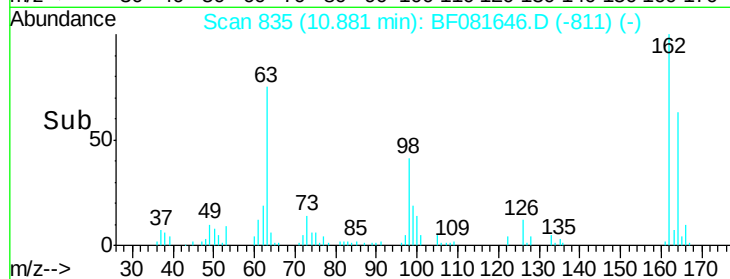
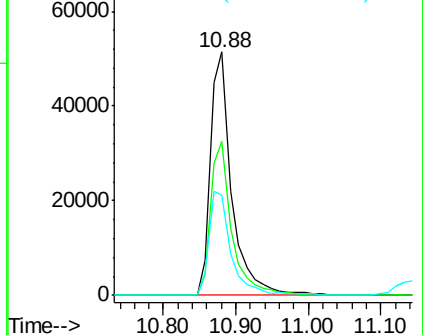
#29
 2,4-Dichlorophenol
 Concen: 36.78 ng
 RT: 10.88 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Tgt Ion:162 Resp: 104633
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.9 84.9
 98 41.3 13.0 53.0

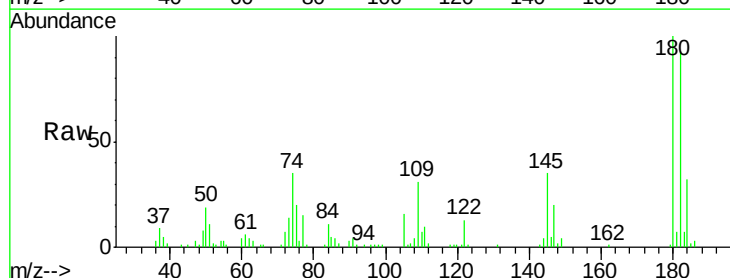


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

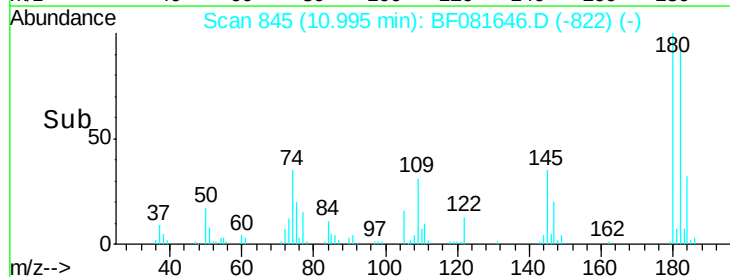
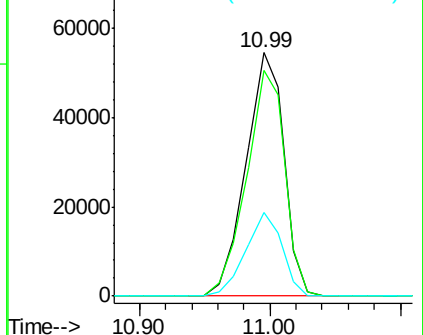


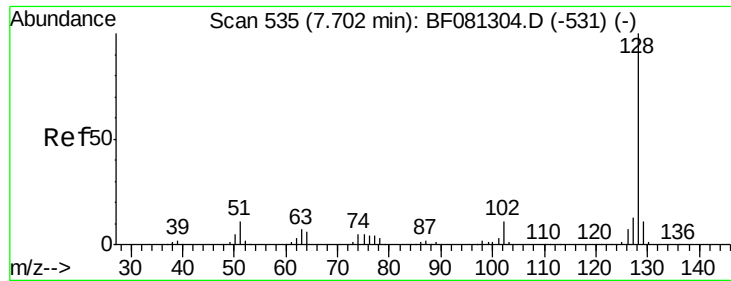
#30
 1,2,4-Trichlorobenzene
 Concen: 35.84 ng
 RT: 10.99 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:180 Resp: 110766
 Ion Ratio Lower Upper
 180 100
 182 92.6 77.1 115.7
 145 34.6 23.3 34.9



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

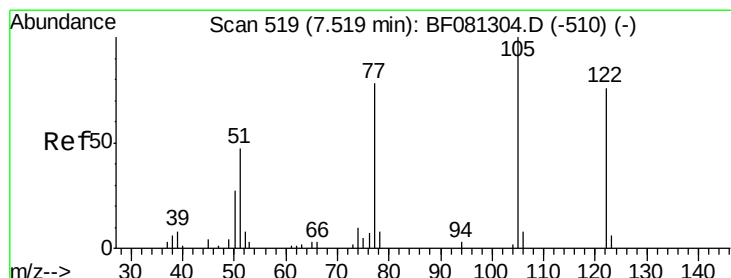
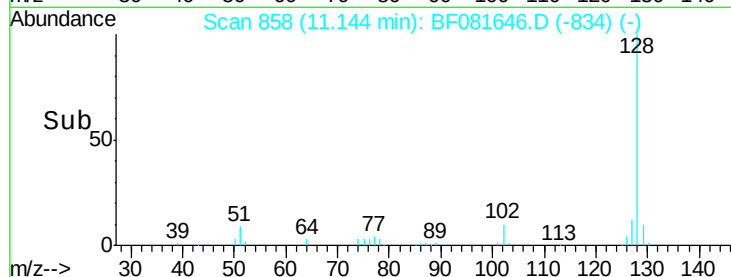
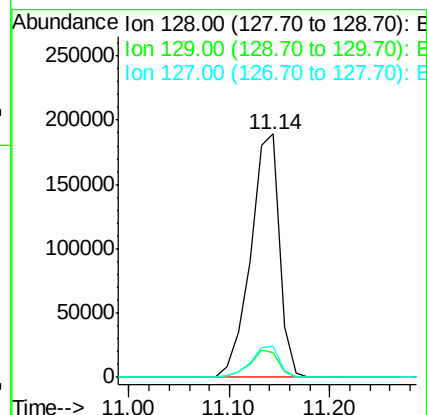
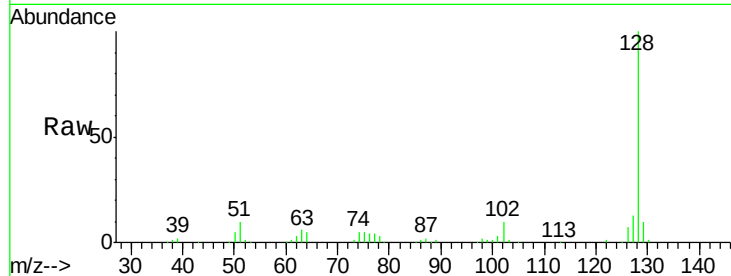




#31
Naphthalene
Concen: 34.85 ng
RT: 11.14 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

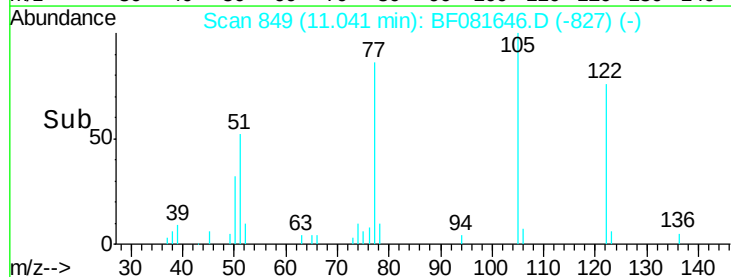
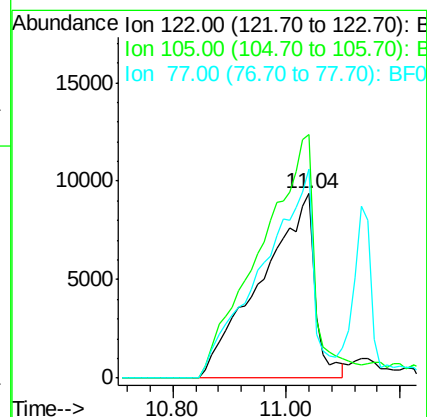
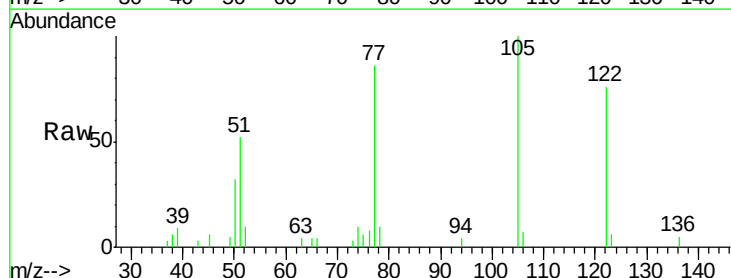
Instrument :
BNA_F
ClientSampleId :
PB85561BS

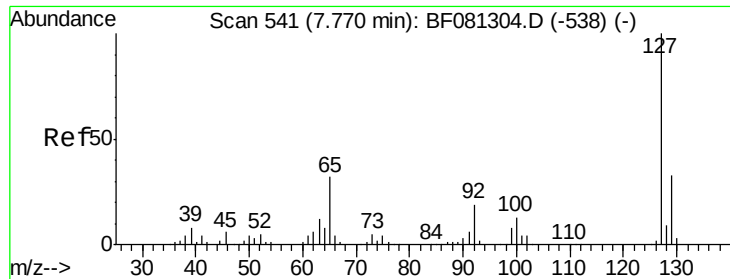
Tgt Ion:128 Resp: 376244
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 12.7 9.9 14.9



#32
Benzoic acid
Concen: 27.34 ng
RT: 11.04 min Scan# 849
Delta R.T. -0.05 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion:122 Resp: 61323
Ion Ratio Lower Upper
122 100
105 132.1 76.1 116.1#
77 113.8 40.5 80.5#

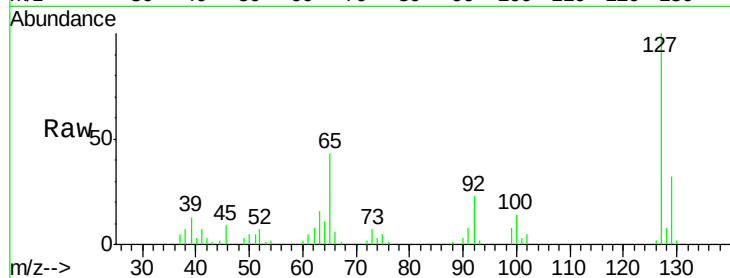




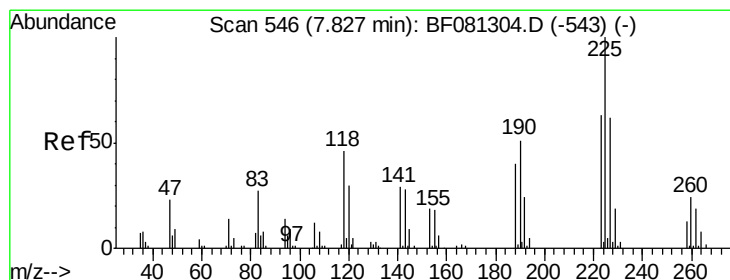
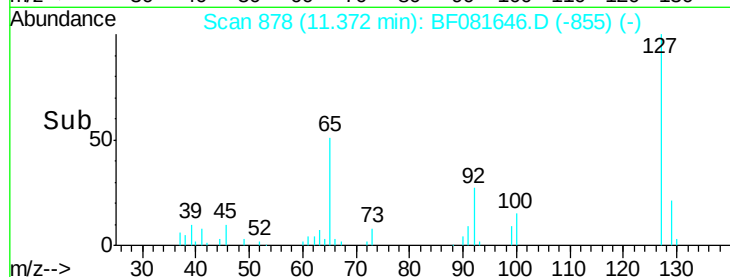
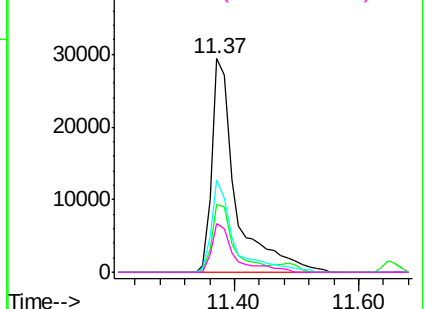
#33
4-Chloroaniline
Concen: 17.76 ng
RT: 11.37 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Instrument :
BNA_F
ClientSampleId :
PB85561BS

Tgt Ion:127 Resp: 78222
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 43.3 17.9 26.9#
92 23.0 10.5 15.7#

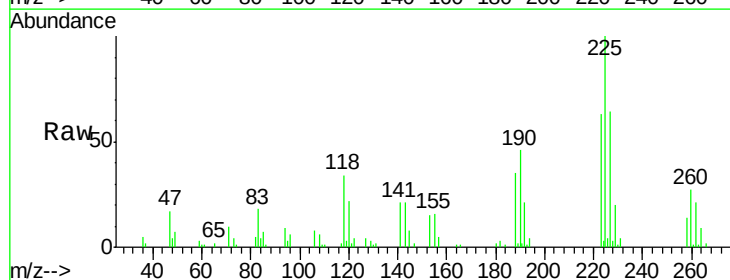


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

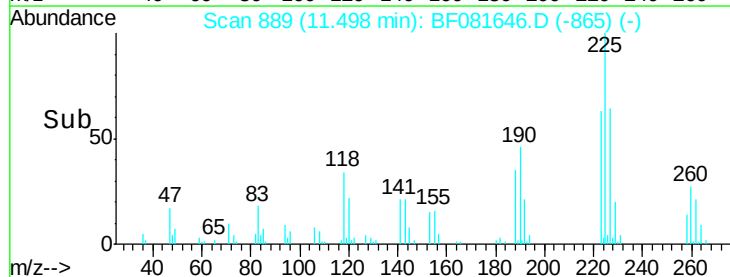
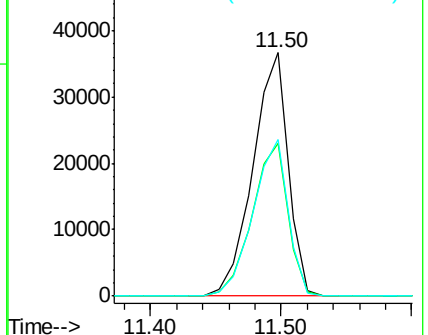


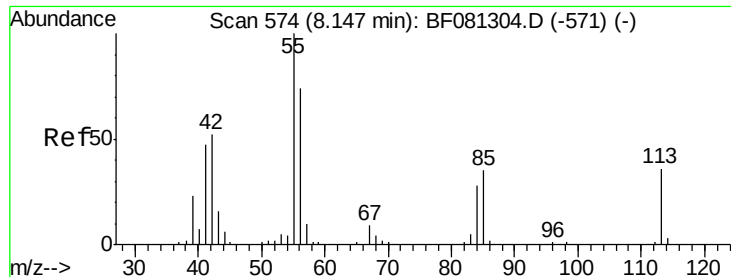
#34
Hexachlorobutadiene
Concen: 36.77 ng
RT: 11.50 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion:225 Resp: 69159
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 64.4 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

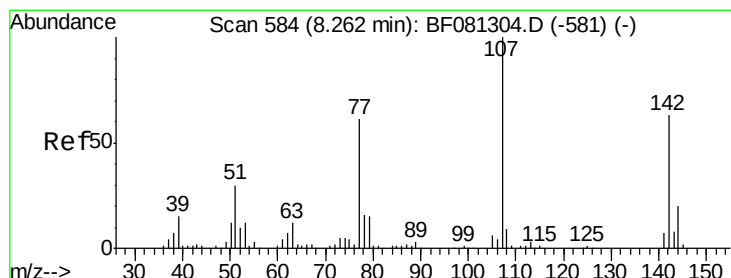
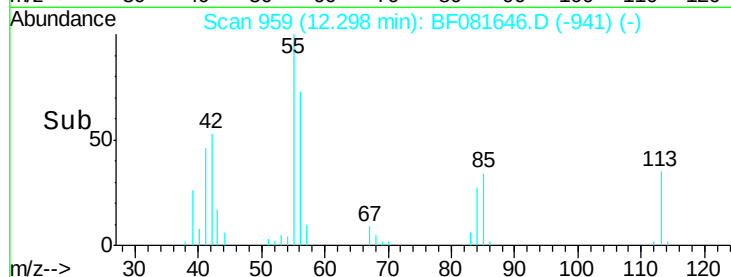
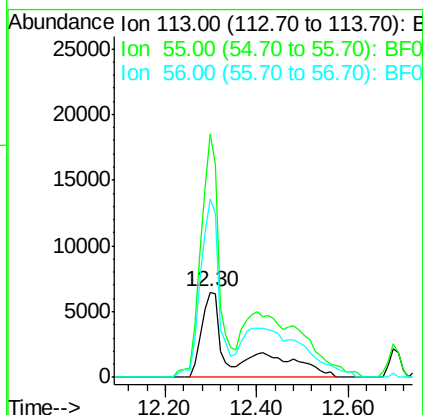
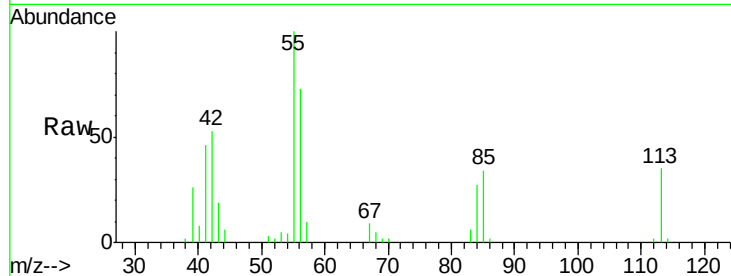




#35
 Caprolactam
 Concen: 38.38 ng m
 RT: 12.30 min Scan# 959
 Delta R.T. -0.09 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

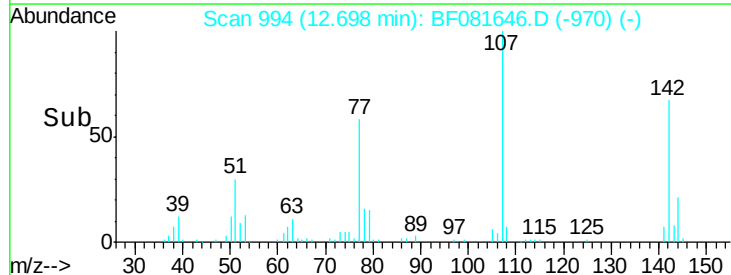
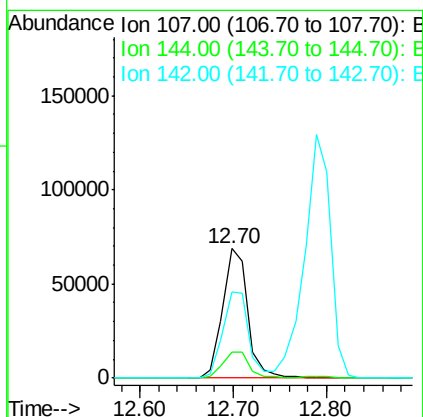
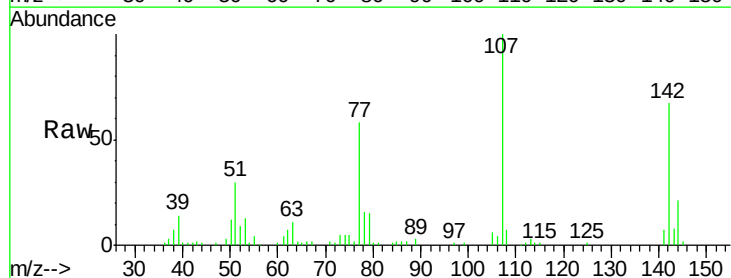
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

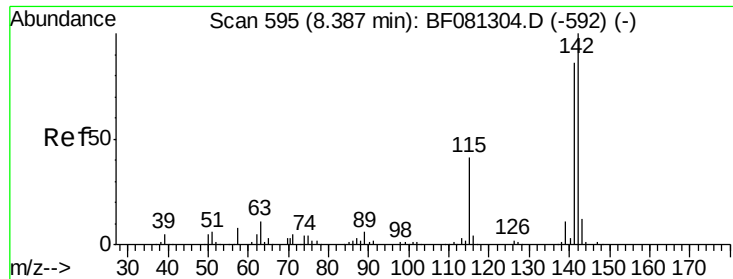
Tgt Ion: 113 Resp: 33487
 Ion Ratio Lower Upper
 113 100
 55 285.7 152.4 192.4#
 56 209.6 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 40.56 ng
 RT: 12.70 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion: 107 Resp: 129135
 Ion Ratio Lower Upper
 107 100
 144 20.5 25.4 38.0#
 142 66.6 77.3 115.9#

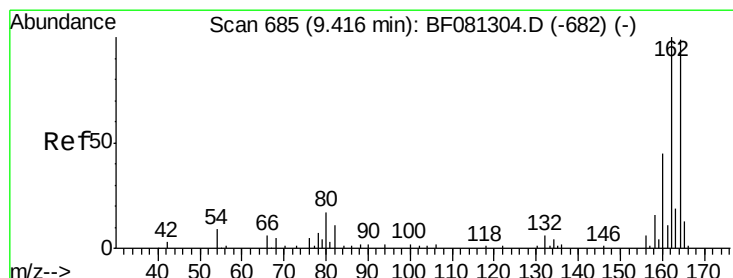
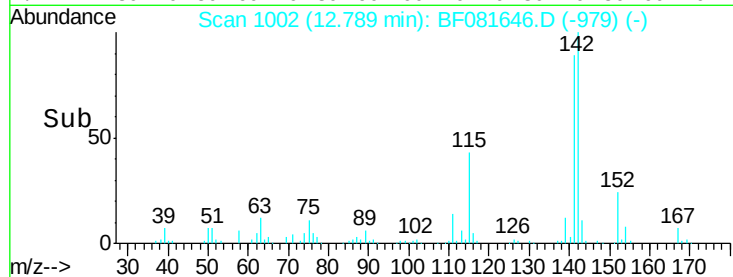
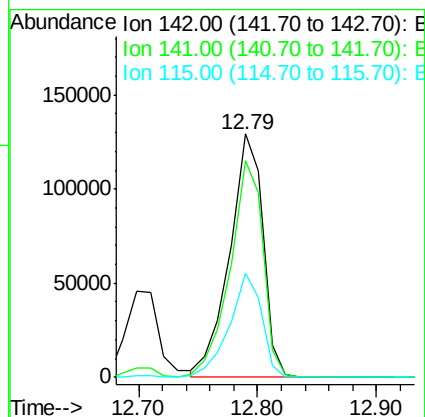
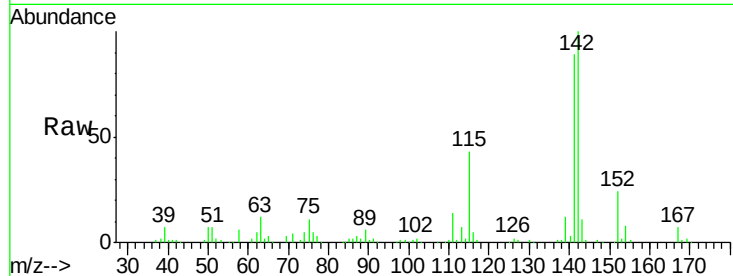




#37
 2-Methylnaphthalene
 Concen: 36.08 ng
 RT: 12.79 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

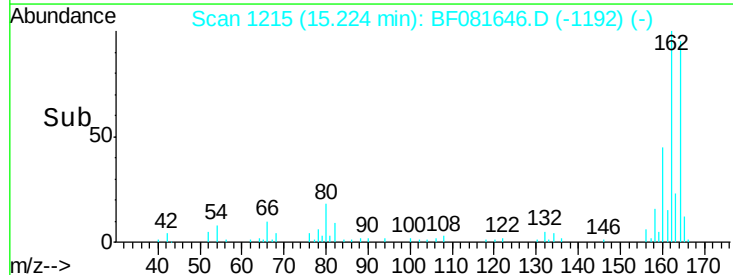
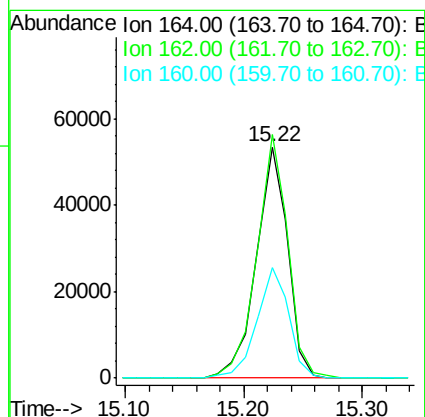
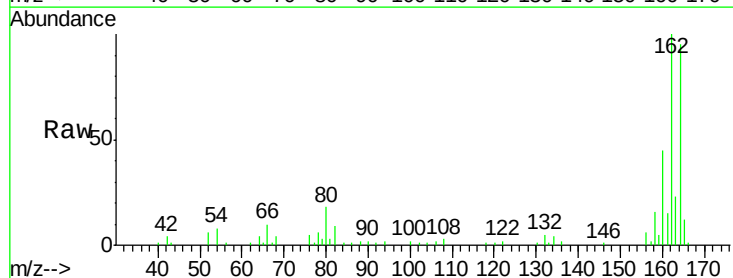
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

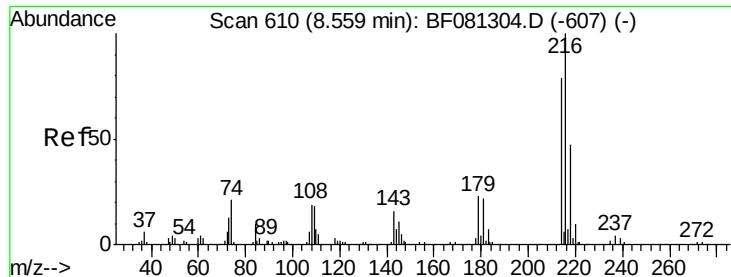
Tgt Ion:142 Resp: 253539
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.5 101.3
 115 42.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1215
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:164 Resp: 98182
 Ion Ratio Lower Upper
 164 100
 162 105.5 75.2 112.8
 160 47.9 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.22 ng

RT: 13.20 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

Tgt Ion:216 Resp: 109350

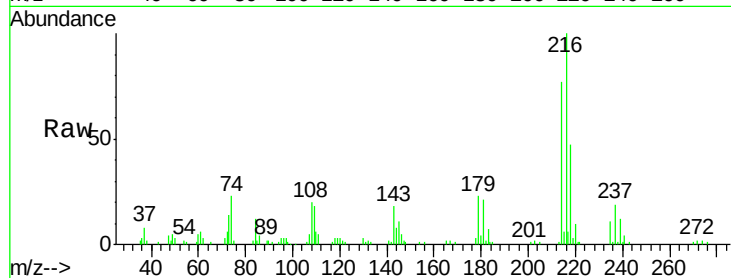
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 22.7 16.6 24.8

108 23.8 16.3 24.5

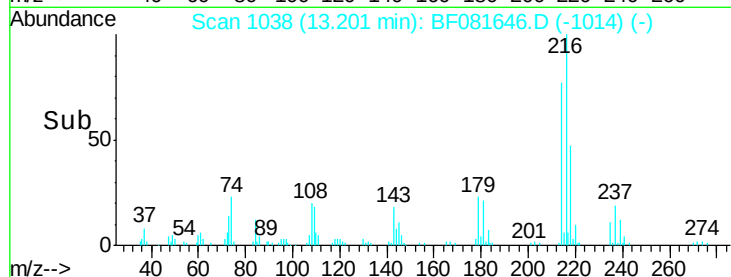


Abundance Ion 216.00 (215.70 to 216.70): E

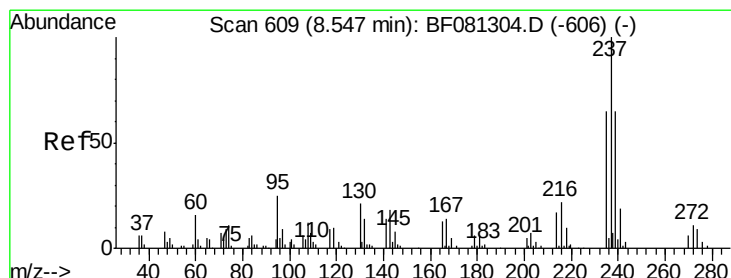
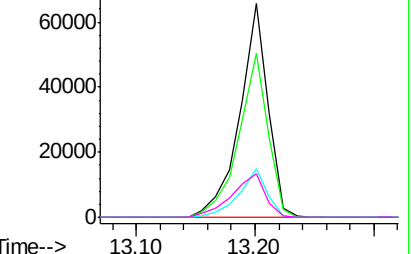
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 74.15 ng

RT: 13.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

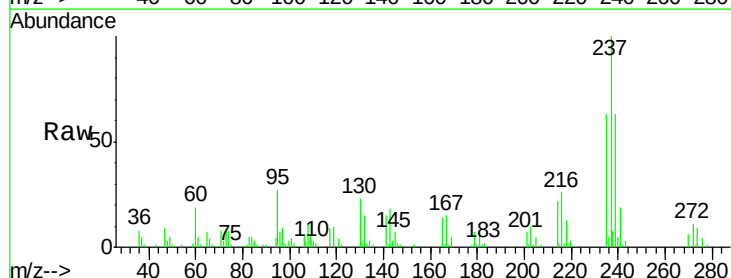
Tgt Ion:237 Resp: 112998

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

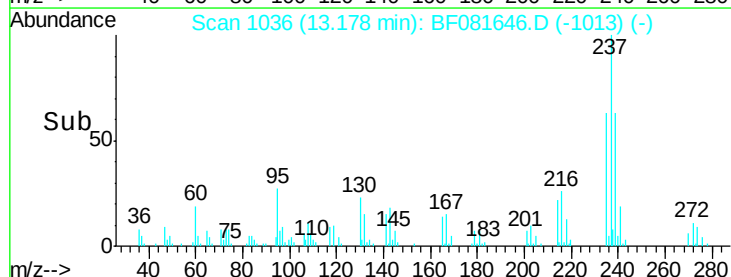
272 11.2 0.0 36.1



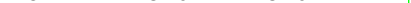
Abundance Ion 236.80 (236.50 to 237.50): E

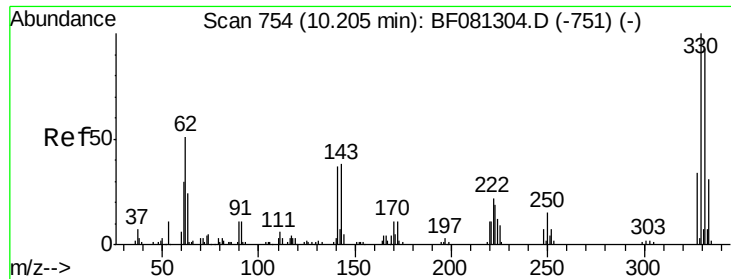
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

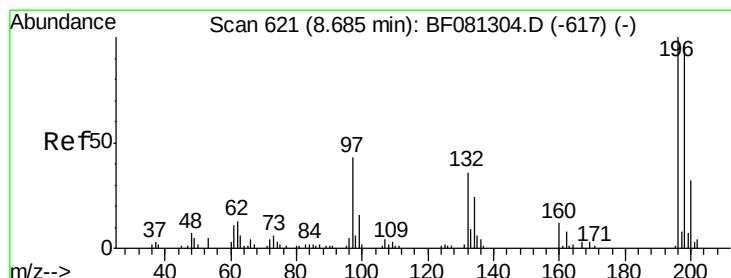
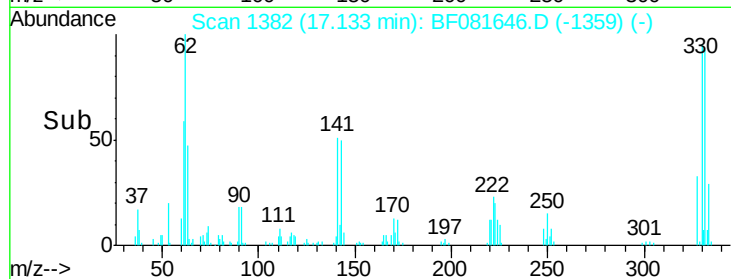
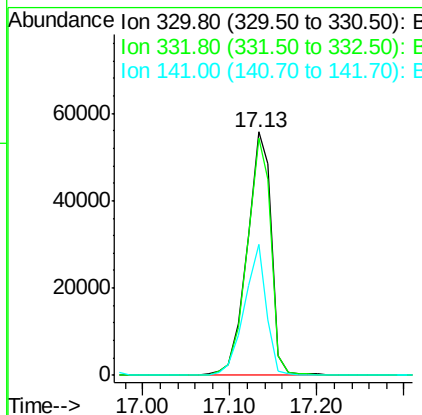
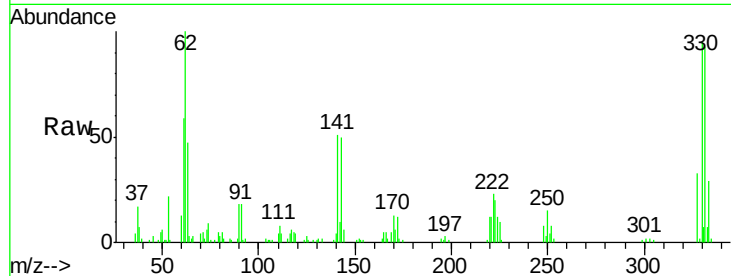




#41
 2,4,6-Tribromophenol
 Concen: 124.04 ng
 RT: 17.13 min Scan# 1382
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

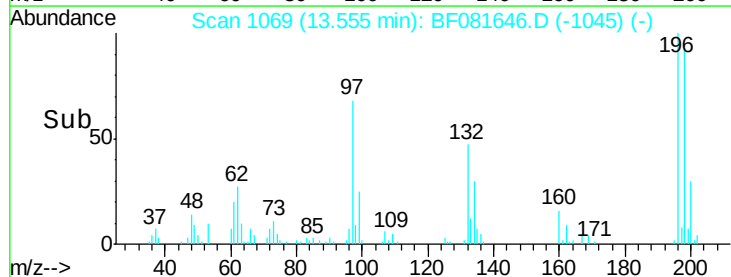
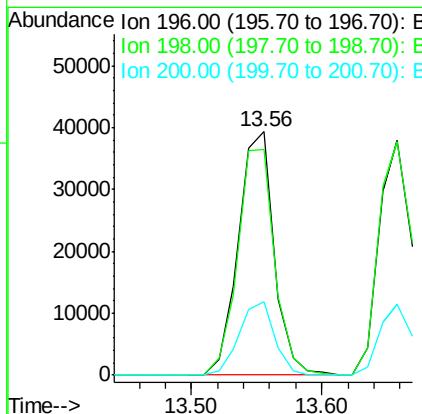
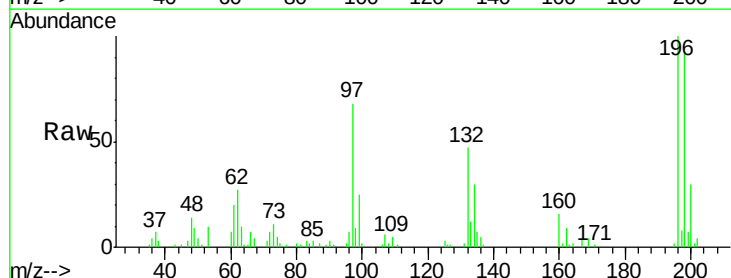
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

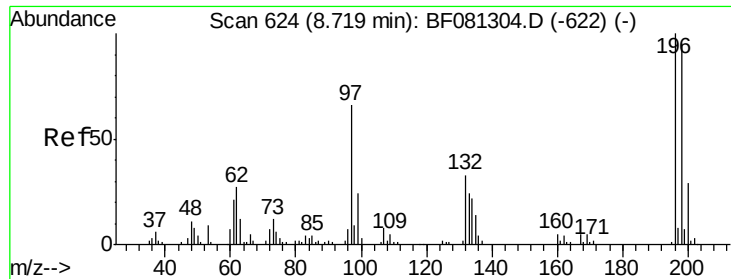
Tgt Ion:330 Resp: 108434
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 48.6 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 34.97 ng
 RT: 13.56 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:196 Resp: 74944
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.7 113.5
 200 30.3 23.9 35.9

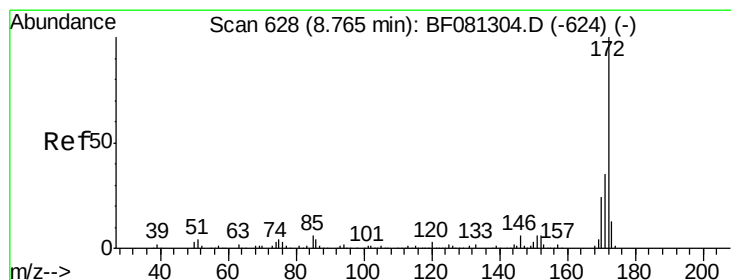
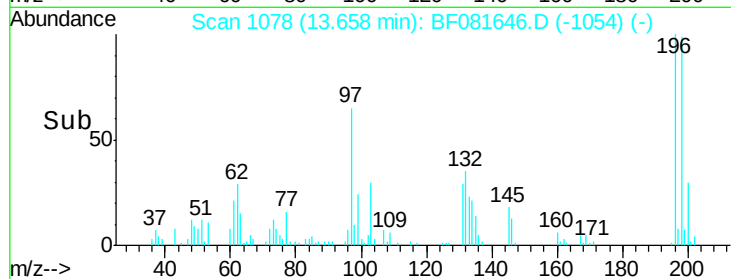
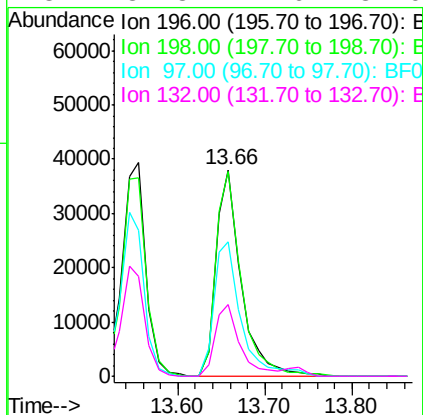
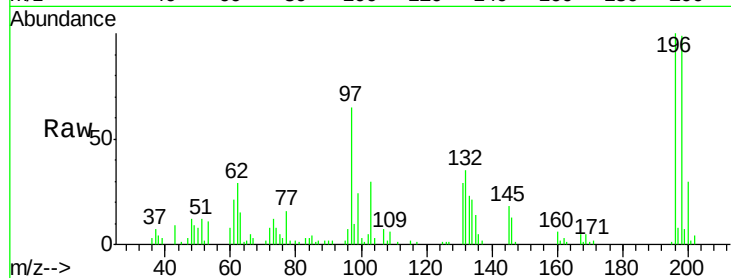




#43
 2,4,5-Trichlorophenol
 Concen: 35.45 ng
 RT: 13.66 min Scan# 1078
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

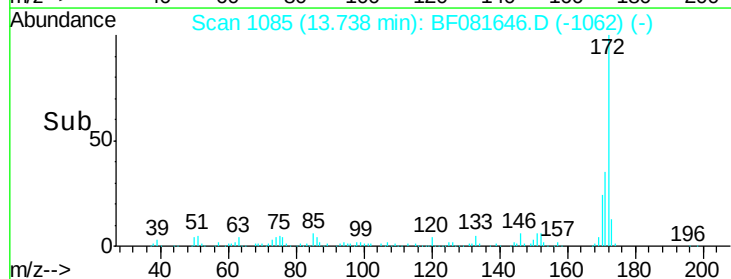
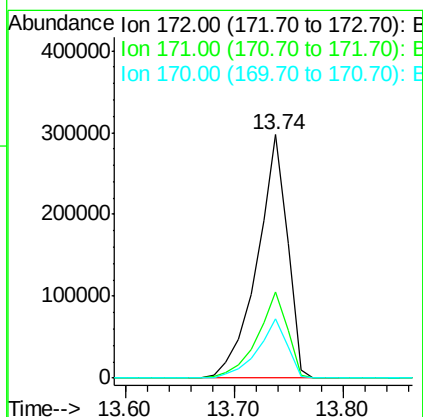
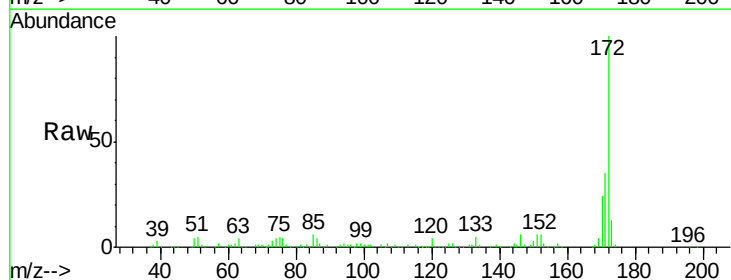
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

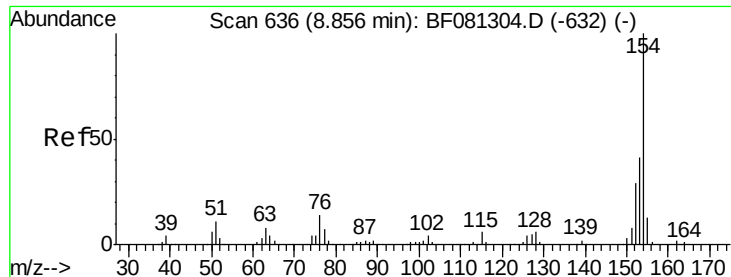
Tgt Ion:196 Resp: 77495
 Ion Ratio Lower Upper
 196 100
 198 99.2 75.4 113.0
 97 65.4 33.3 49.9#
 132 34.8 24.6 37.0



#44
 2-Fluorobiphenyl
 Concen: 75.15 ng
 RT: 13.74 min Scan# 1085
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:172 Resp: 575802
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.4 17.4 26.2

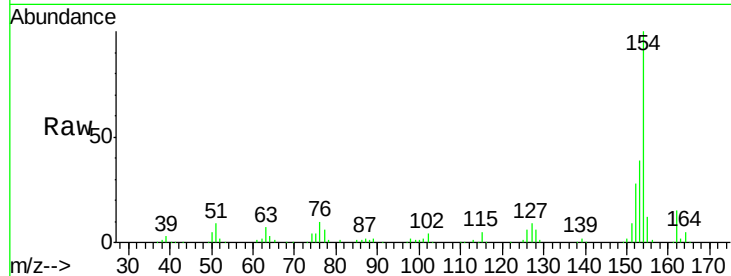




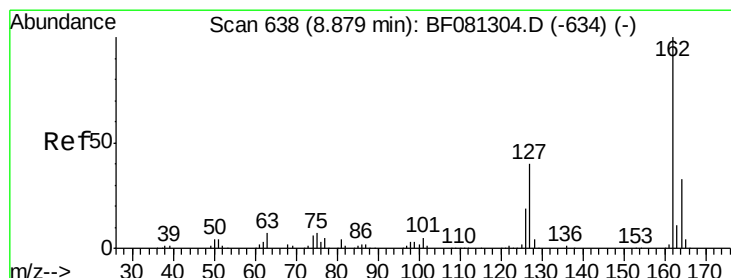
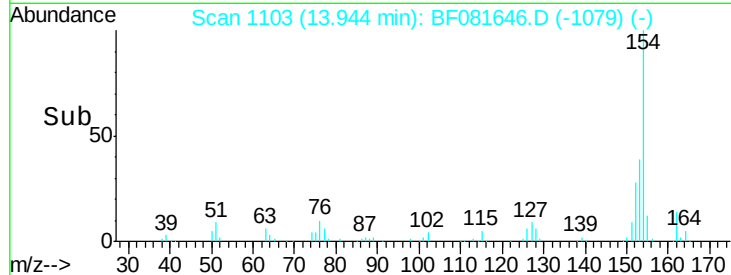
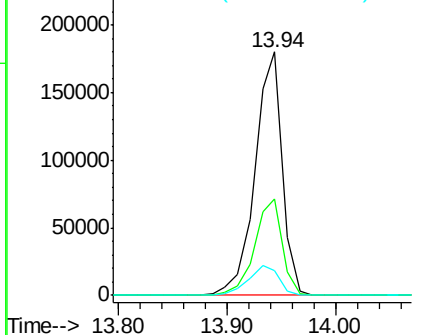
#45
 1,1'-Biphenyl
 Concen: 34.77 ng
 RT: 13.94 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Tgt Ion:154 Resp: 314057
 Ion Ratio Lower Upper
 154 100
 153 39.4 17.1 57.1
 76 10.4 0.0 31.6

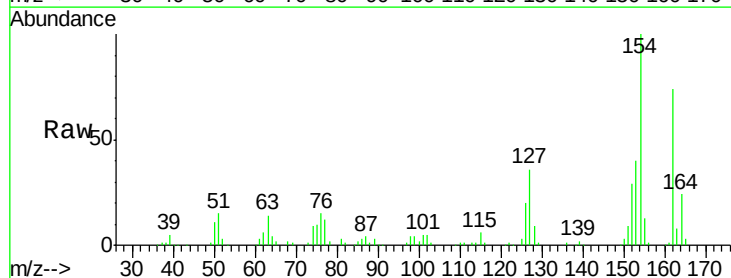


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

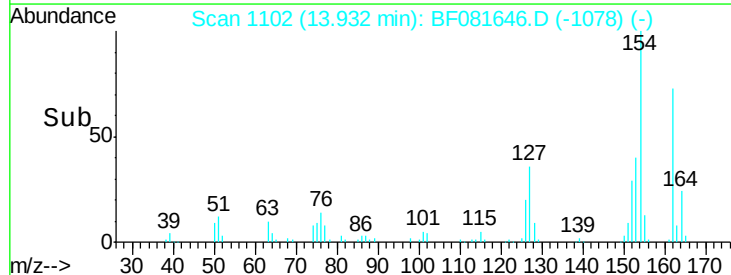
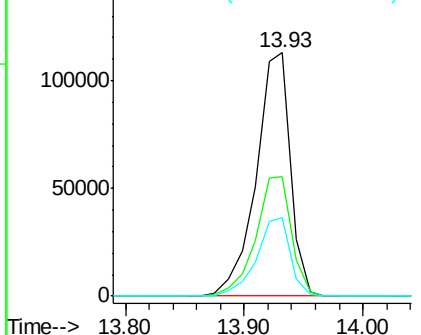


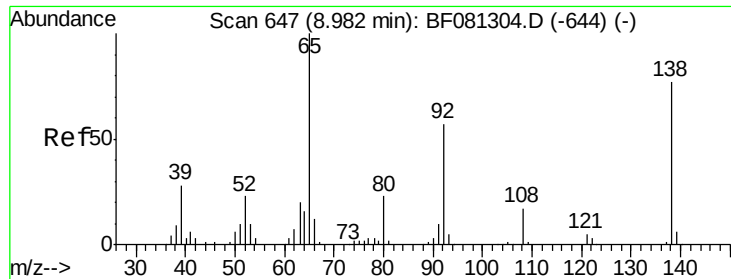
#46
 2-Chloronaphthalene
 Concen: 34.84 ng
 RT: 13.93 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:162 Resp: 227260
 Ion Ratio Lower Upper
 162 100
 127 49.2 27.6 41.4#
 164 32.3 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

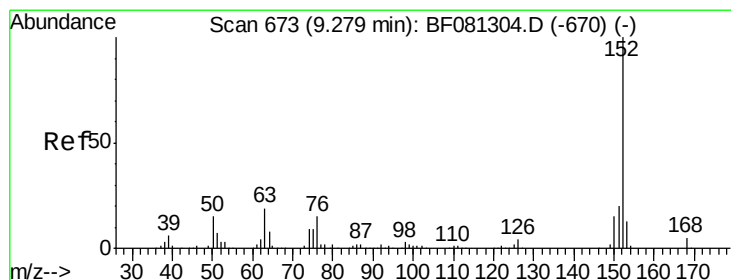
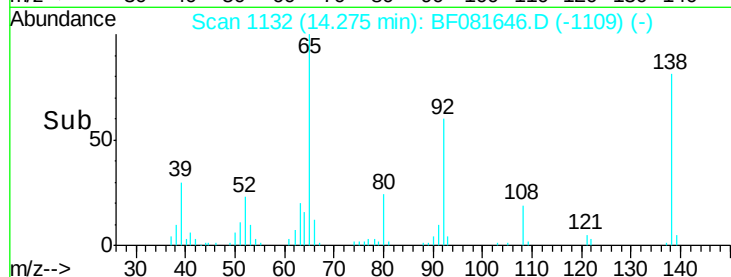
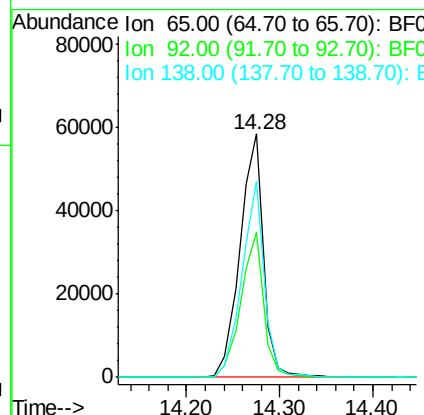
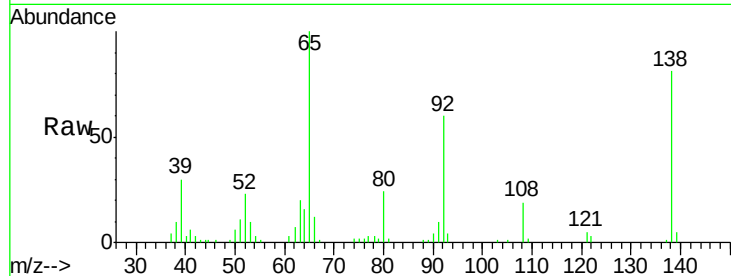




#47
2-Nitroaniline
Concen: 38.32 ng
RT: 14.28 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

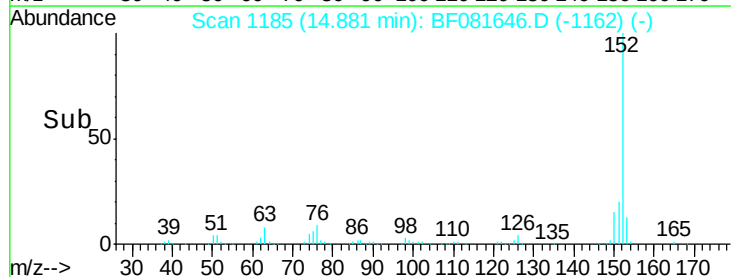
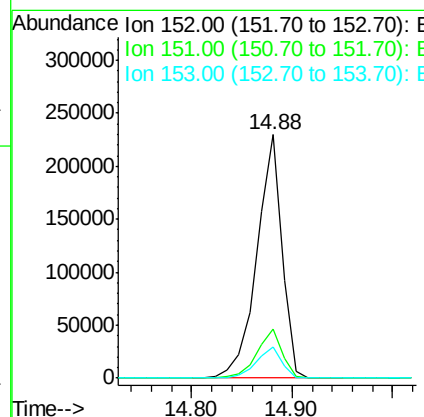
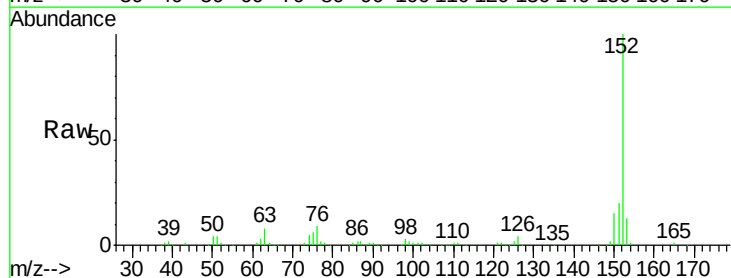
Instrument :
BNA_F
ClientSampleId :
PB85561BS

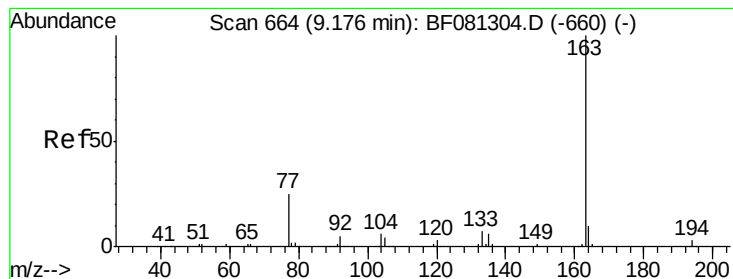
Tgt Ion: 65 Resp: 101869
Ion Ratio Lower Upper
65 100
92 59.6 55.4 83.0
138 80.6 115.5 173.3#



#48
Acenaphthylene
Concen: 34.52 ng
RT: 14.88 min Scan# 1185
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion: 152 Resp: 399532
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 12.7 10.3 15.5





#49

Dimethylphthalate

Concen: 37.60 ng

RT: 14.82 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

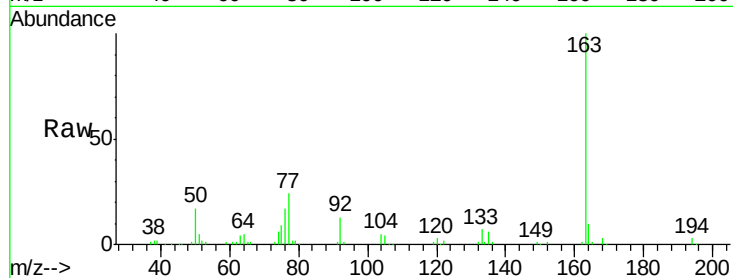
Tgt Ion:163 Resp: 286802

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

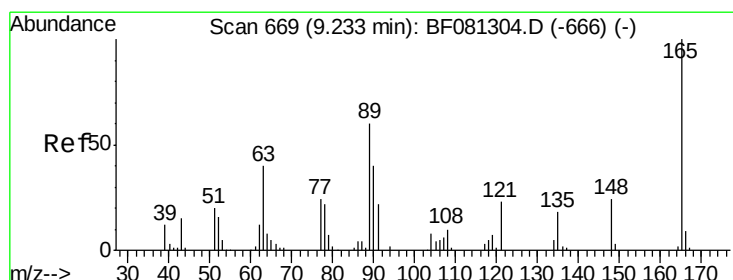
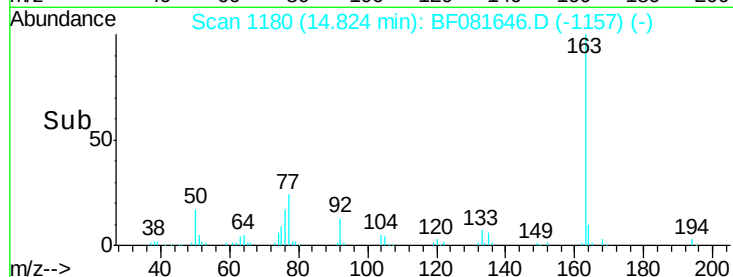
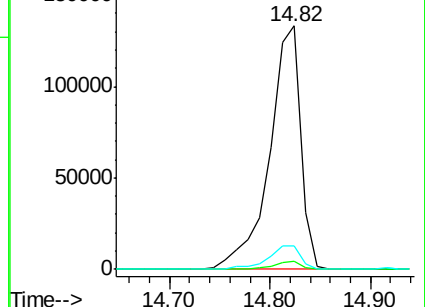
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.61 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

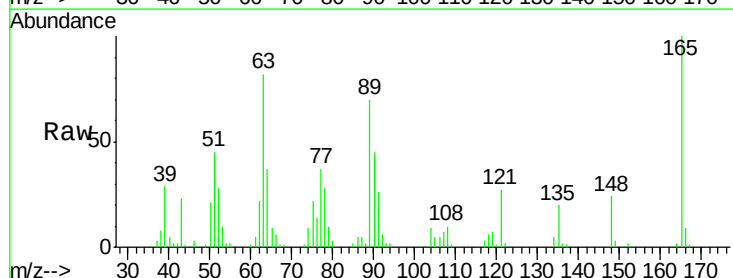
Tgt Ion:165 Resp: 58185

Ion Ratio Lower Upper

165 100

63 81.9 32.3 48.5#

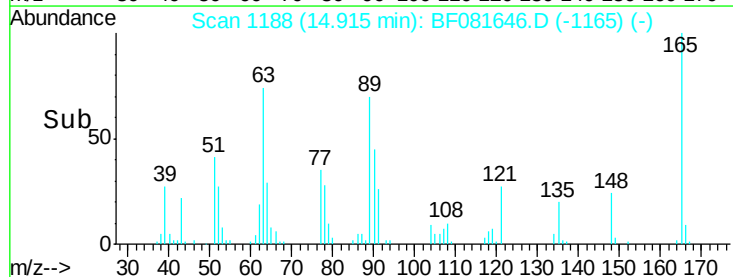
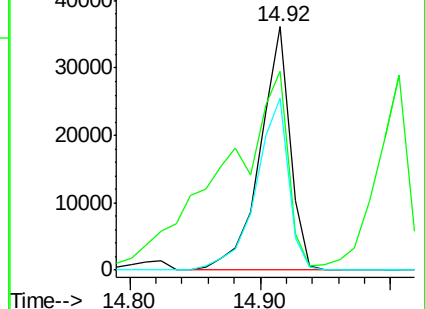
89 70.4 28.6 43.0#

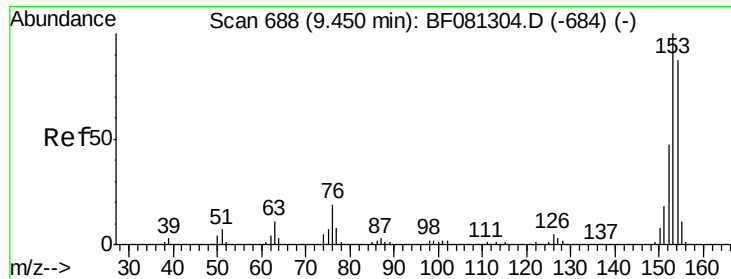


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.86 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

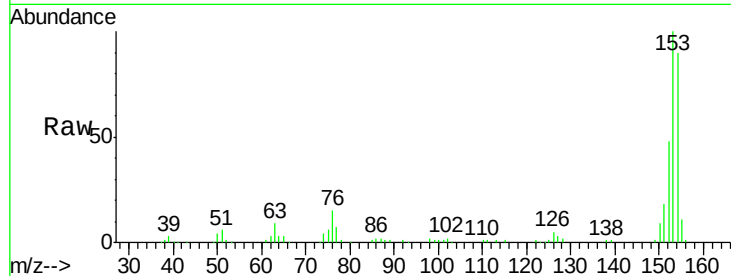
Tgt Ion:154 Resp: 229478

Ion Ratio Lower Upper

154 100

153 110.7 82.1 123.1

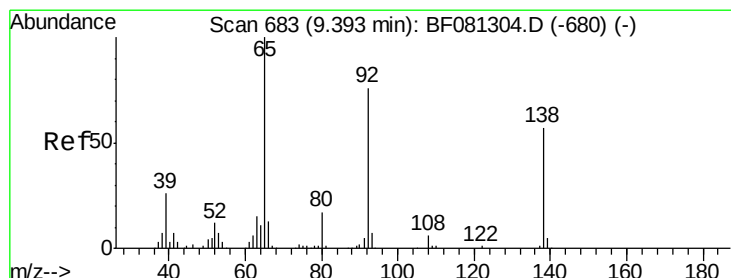
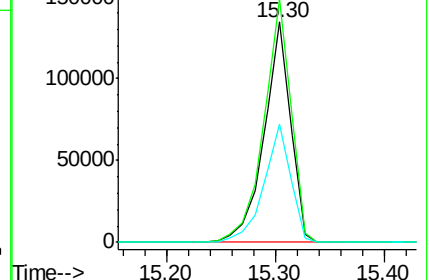
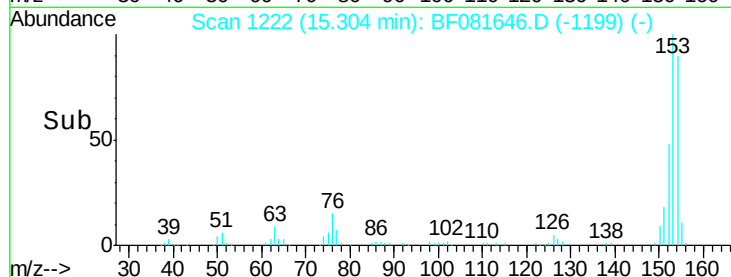
152 53.5 37.9 56.9



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: 22.21 ng

RT: 15.27 min Scan# 1219

Delta R.T. -0.05 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

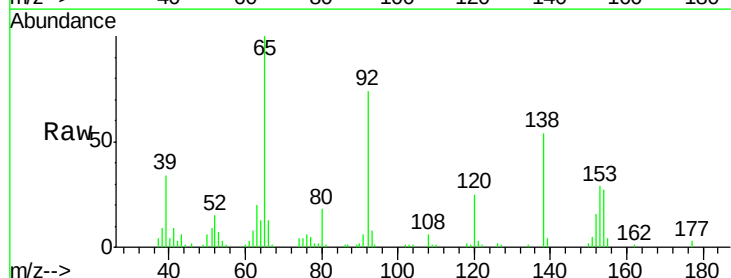
Tgt Ion:138 Resp: 43771

Ion Ratio Lower Upper

138 100

108 11.8 5.7 8.5#

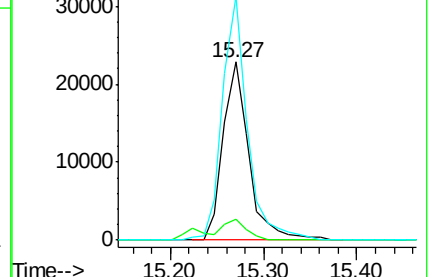
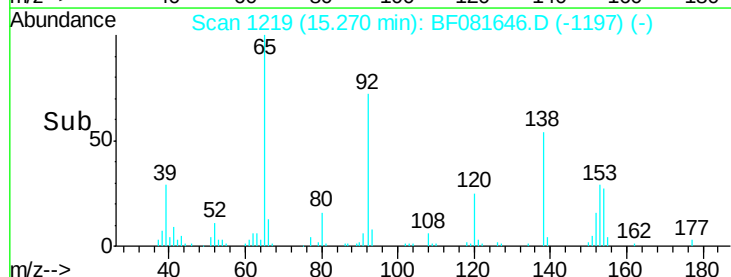
92 137.0 67.7 101.5#

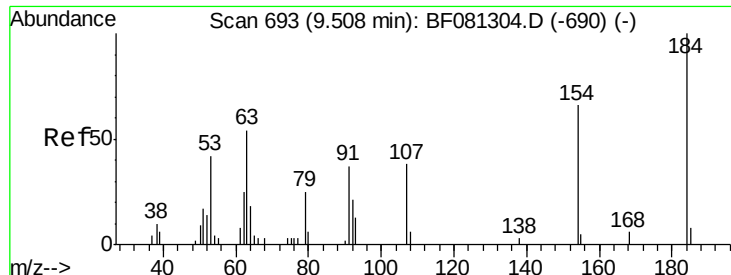


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

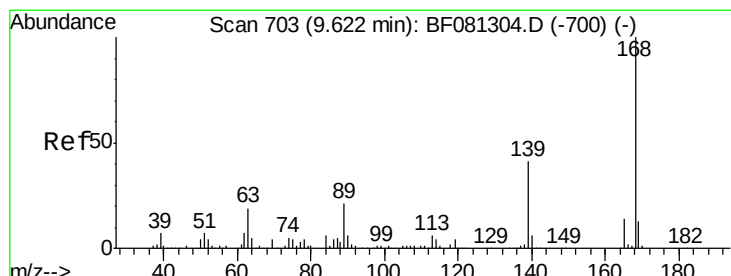
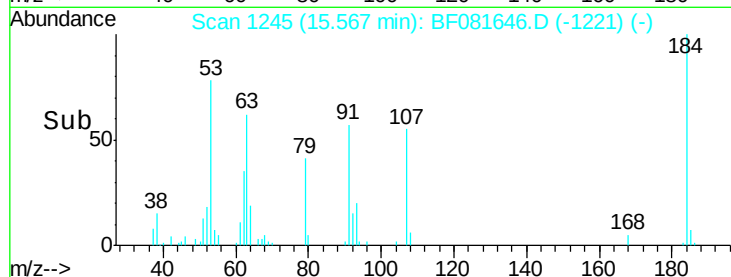
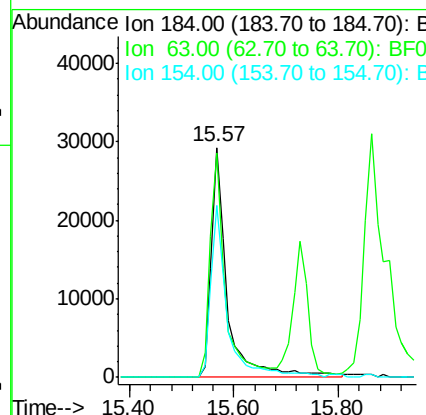
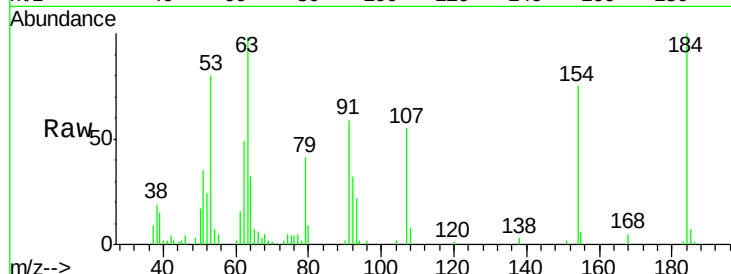




#53
 2,4-Dinitrophenol
 Concen: 71.52 ng
 RT: 15.57 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

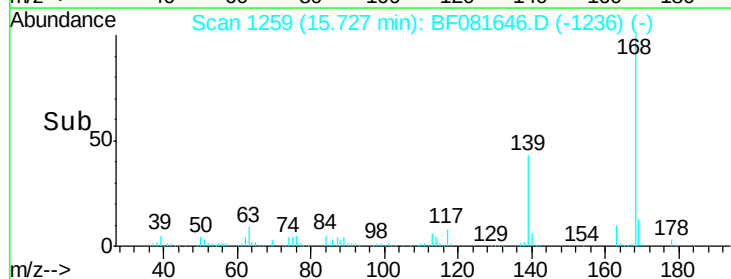
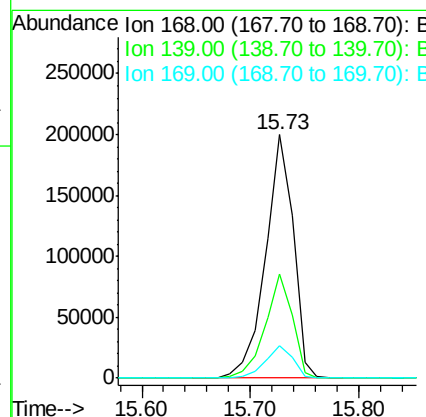
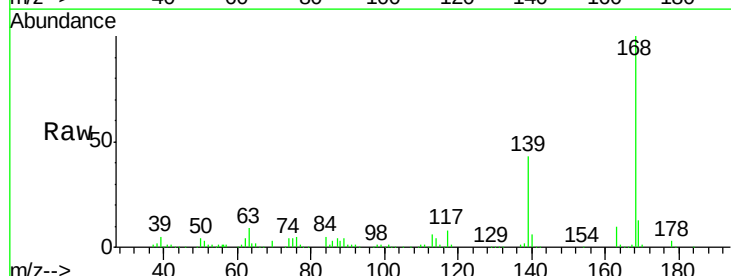
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

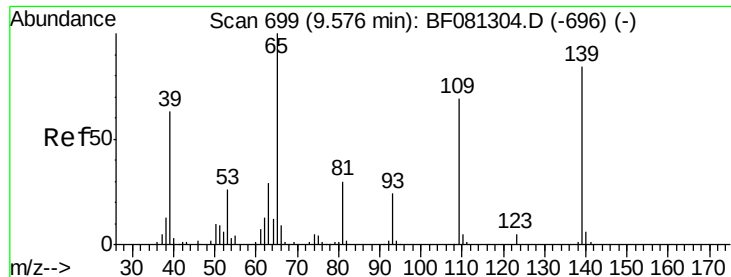
Tgt Ion:184 Resp: 62521
 Ion Ratio Lower Upper
 184 100
 63 97.9 35.4 53.2#
 154 74.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 37.08 ng
 RT: 15.73 min Scan# 1259
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:168 Resp: 356481
 Ion Ratio Lower Upper
 168 100
 139 42.7 24.2 36.2#
 169 13.3 10.6 15.8





#55

4-Nitrophenol

Concen: 70.78 ng

RT: 15.90 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

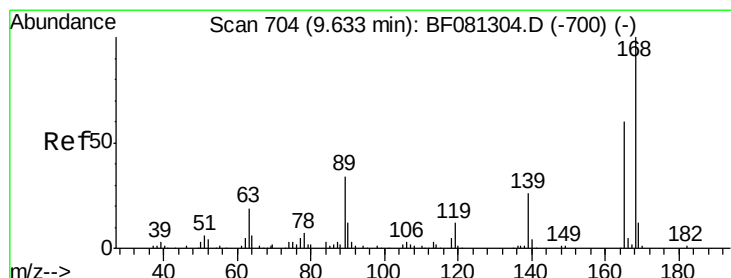
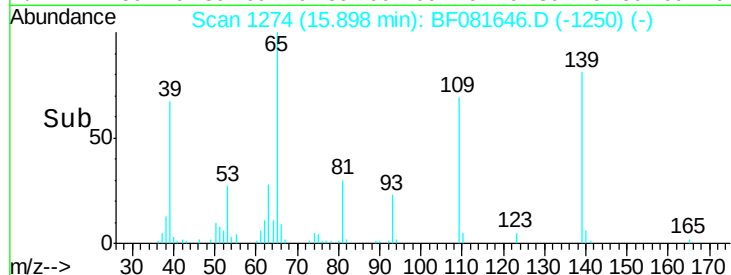
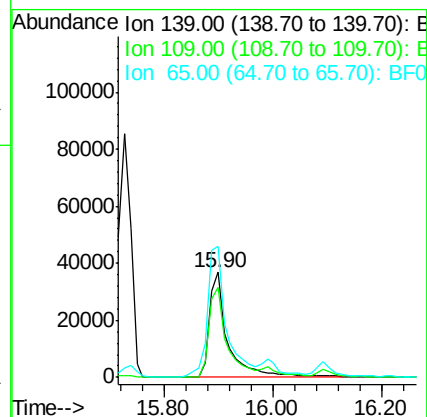
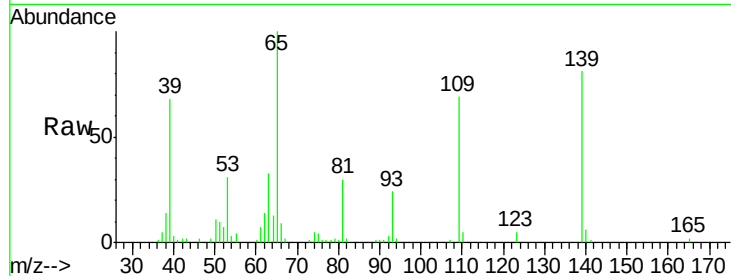
Tgt Ion:139 Resp: 87644

Ion Ratio Lower Upper

139 100

109 85.8 12.7 52.7#

65 123.9 45.9 85.9#



#56

2,4-Dinitrotoluene

Concen: 37.41 ng

RT: 15.86 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Tgt Ion:165 Resp: 82465

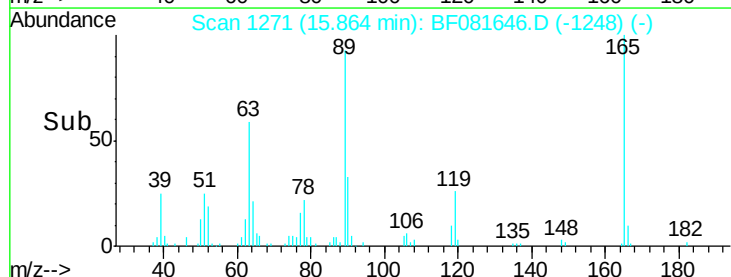
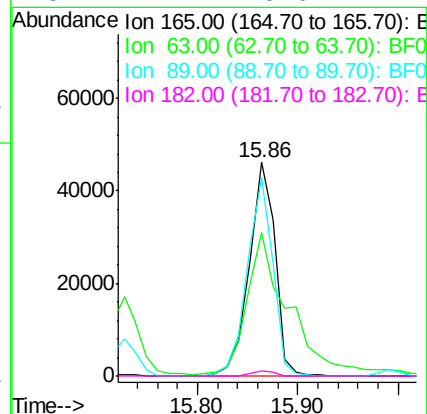
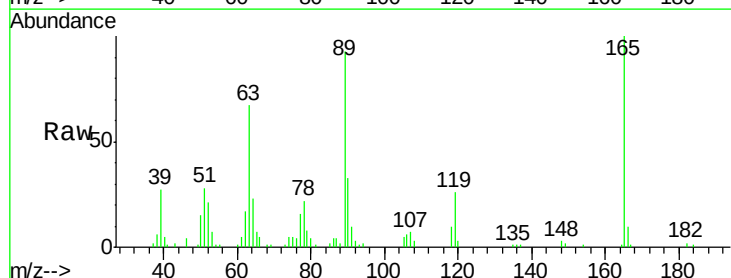
Ion Ratio Lower Upper

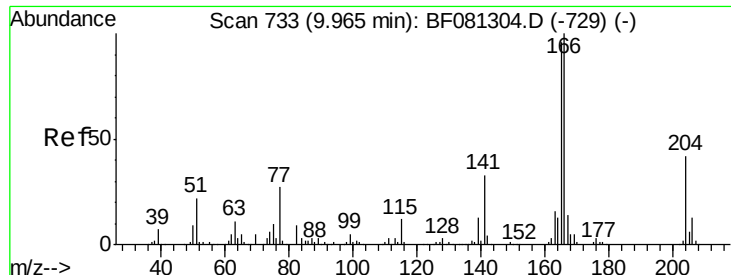
165 100

63 67.2 29.8 44.6#

89 93.2 44.5 66.7#

182 2.2 3.0 4.4#

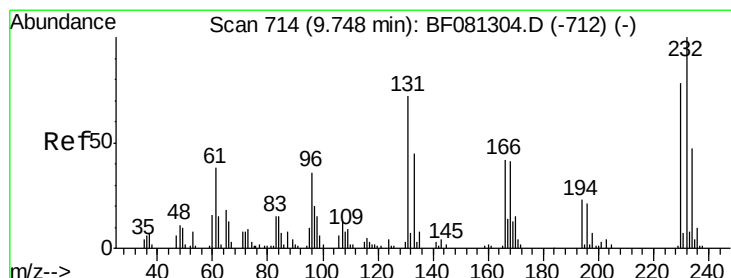
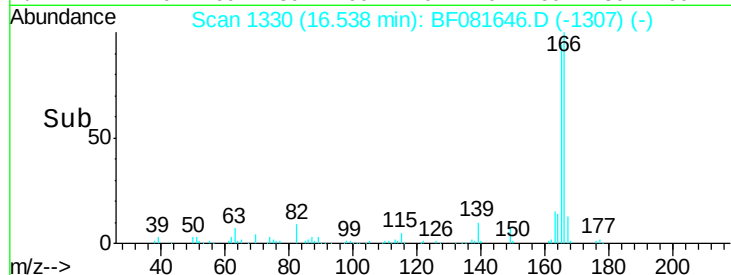
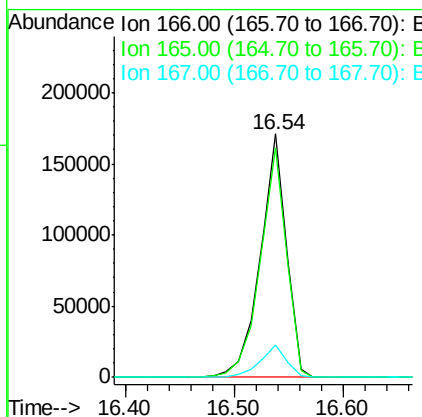
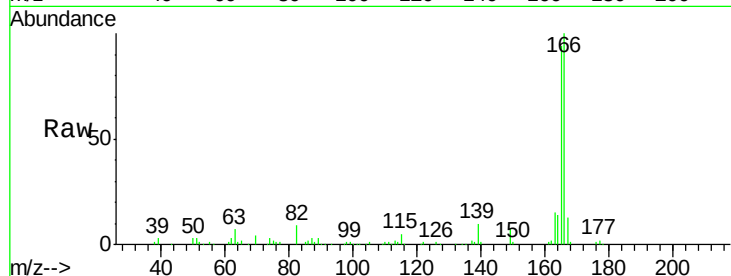




#57
 Fluorene
 Concen: 39.11 ng
 RT: 16.54 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

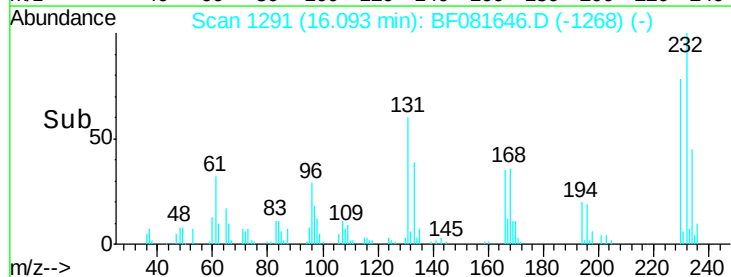
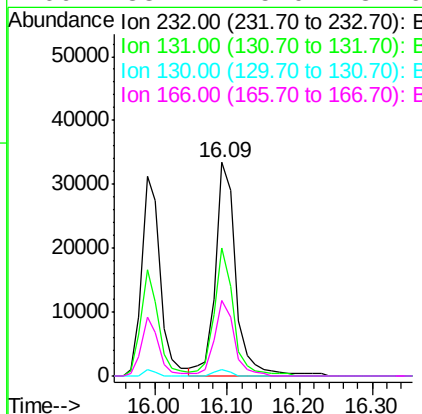
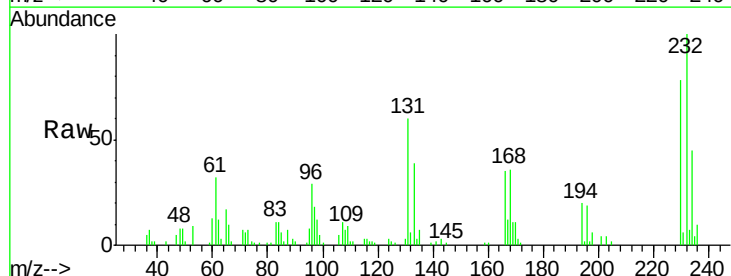
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

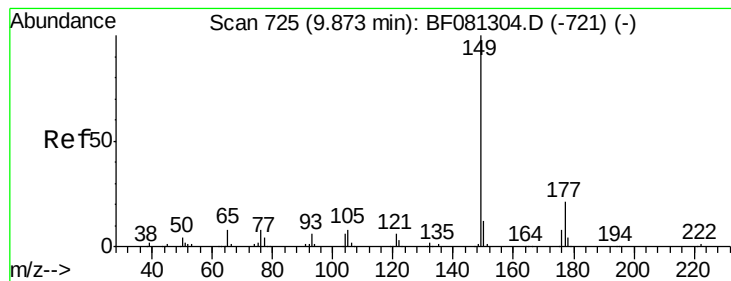
Tgt Ion:166 Resp: 285328
 Ion Ratio Lower Upper
 166 100
 165 94.3 72.6 109.0
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.64 ng
 RT: 16.09 min Scan# 1291
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:232 Resp: 66164
 Ion Ratio Lower Upper
 232 100
 131 56.4 38.5 57.7
 130 2.4 1.8 2.6
 166 33.7 25.0 37.6





#59

Diethylphthalate

Concen: 39.84 ng

RT: 16.52 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

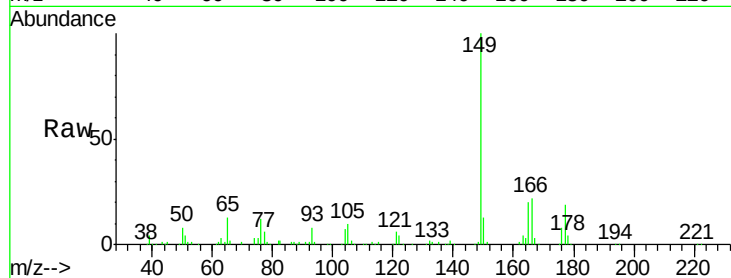
Tgt Ion:149 Resp: 319715

Ion Ratio Lower Upper

149 100

177 18.6 17.5 26.3

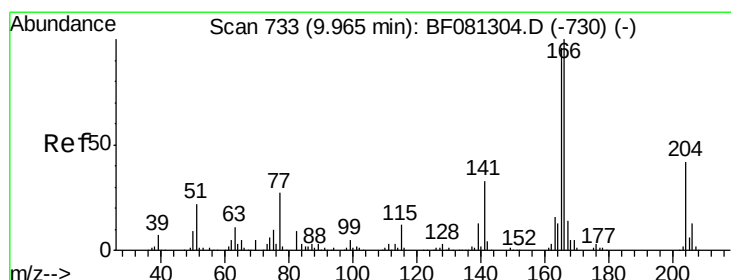
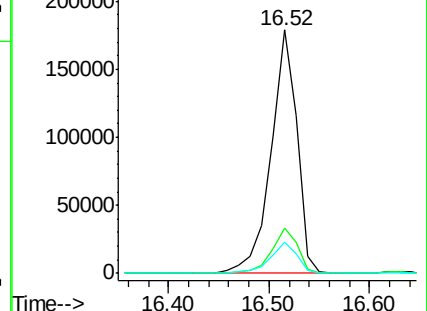
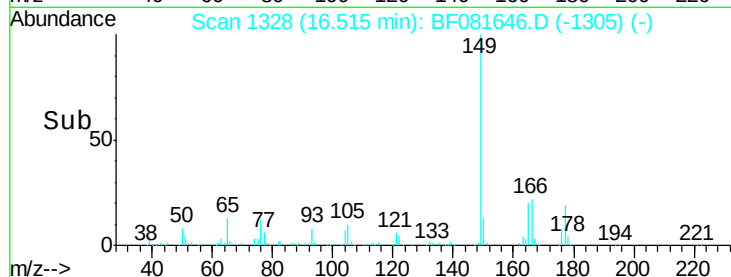
150 12.7 9.4 14.2



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: 39.73 ng

RT: 16.63 min Scan# 1338

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

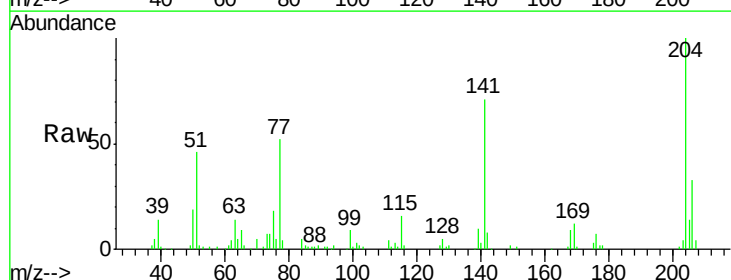
Tgt Ion:204 Resp: 135086

Ion Ratio Lower Upper

204 100

206 33.4 24.8 37.2

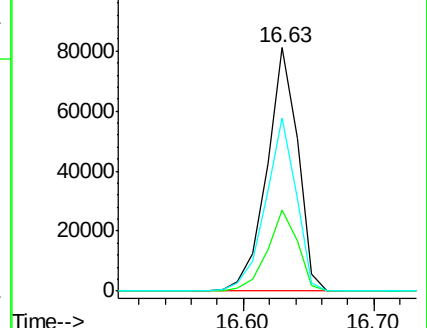
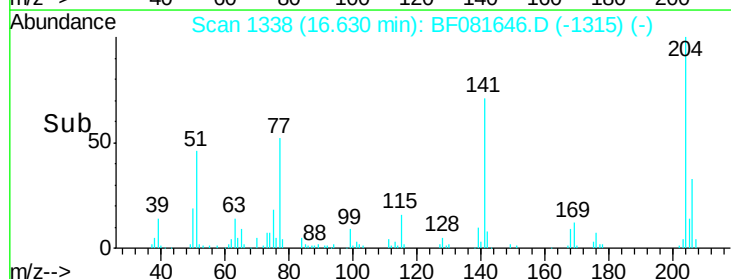
141 71.1 42.2 63.4#

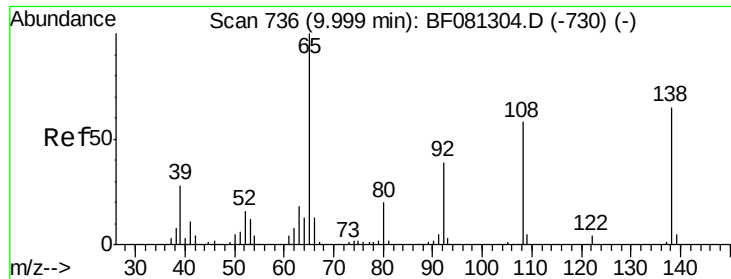


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.39 ng

RT: 16.74 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

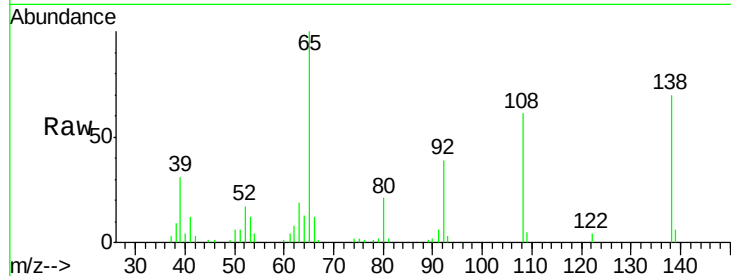
Tgt Ion:138 Resp: 62514

Ion Ratio Lower Upper

138 100

92 55.4 12.6 52.6#

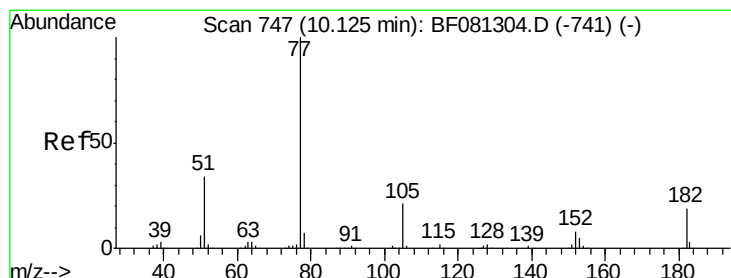
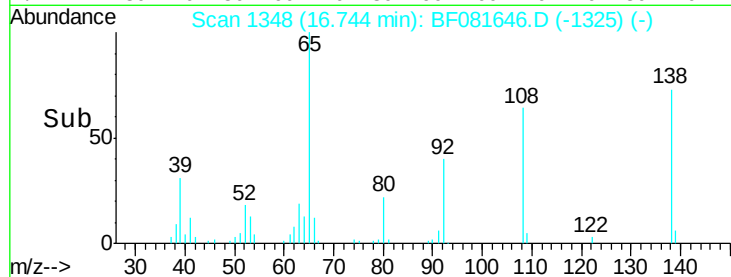
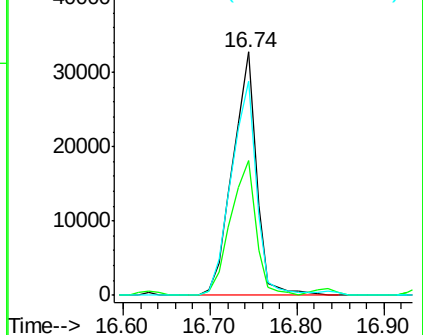
108 87.8 12.4 52.4#



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: 40.39 ng

RT: 17.00 min Scan# 1370

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Tgt Ion: 77 Resp: 360330

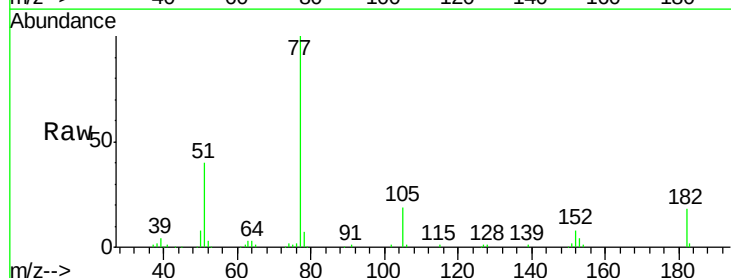
Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 19.4 3.4 43.4

51 40.0 12.0 52.0

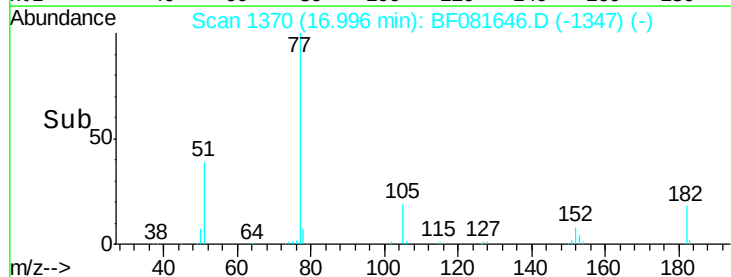
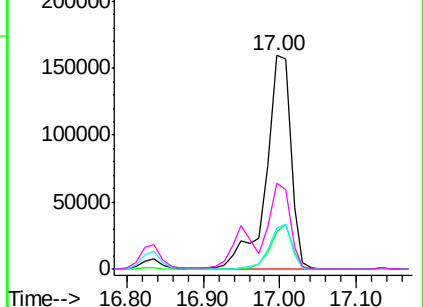


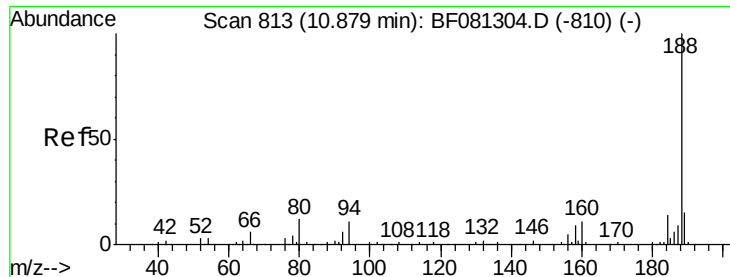
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

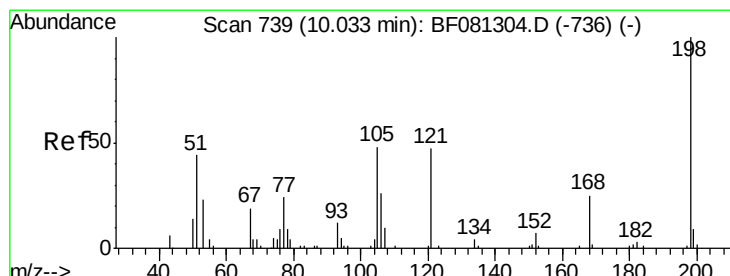
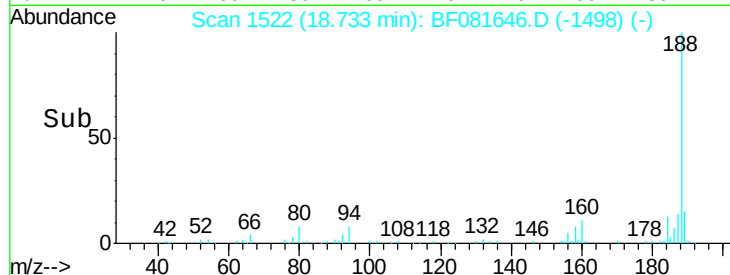
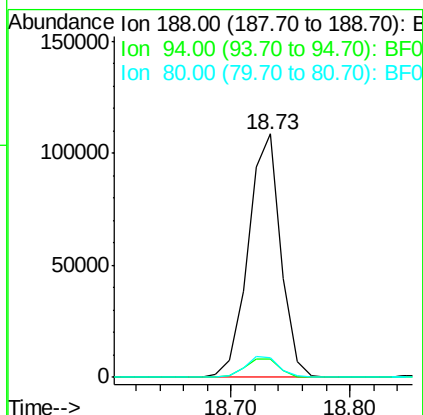
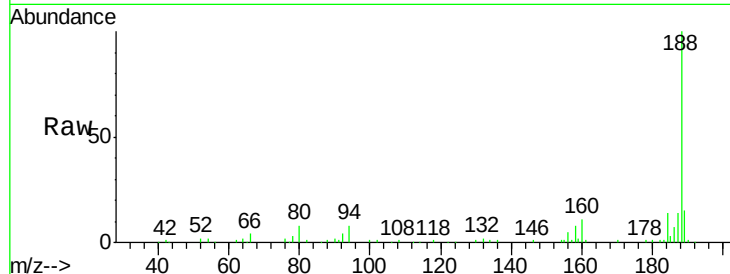




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.73 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

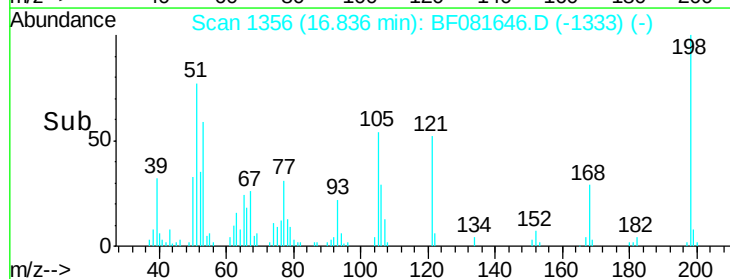
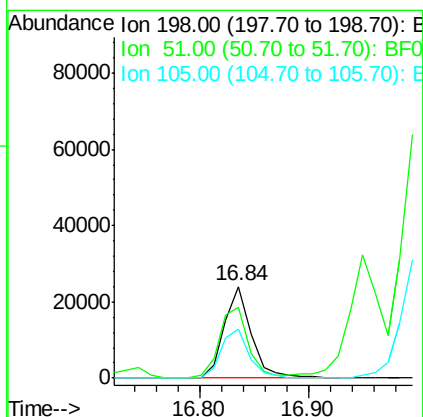
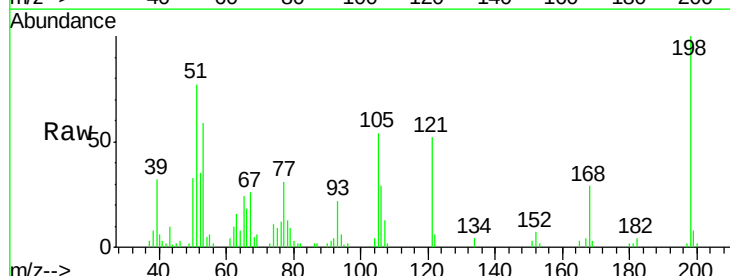
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

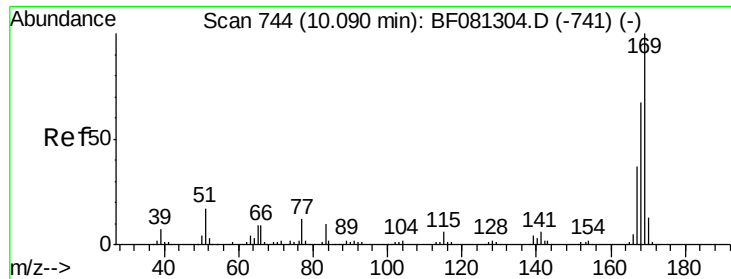
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	8.0	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.70 ng
 RT: 16.84 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
198	100		
51	77.3	39.6	79.6
105	54.0	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 33.28 ng

RT: 16.95 min Scan# 1366

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

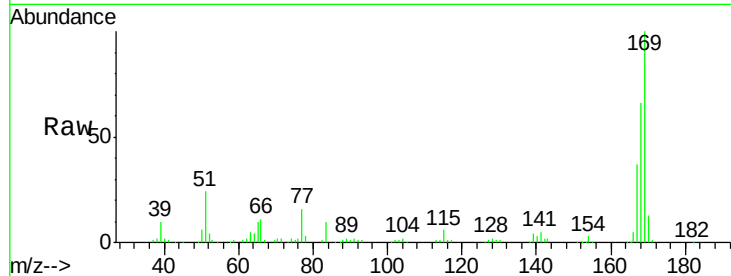
Tgt Ion:169 Resp: 250206

Ion Ratio Lower Upper

169 100

168 66.4 48.9 73.3

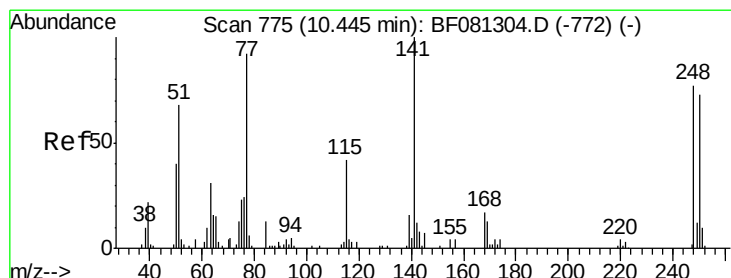
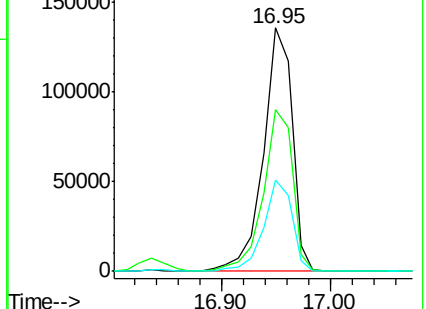
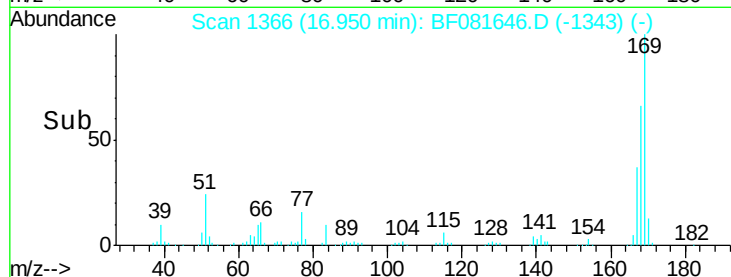
167 37.3 26.2 39.4



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: 36.60 ng

RT: 17.77 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

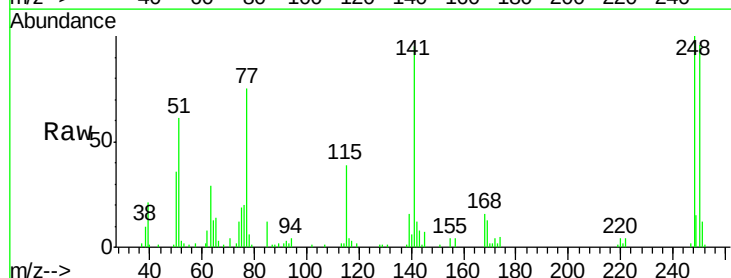
Tgt Ion:248 Resp: 76443

Ion Ratio Lower Upper

248 100

250 95.8 78.5 117.7

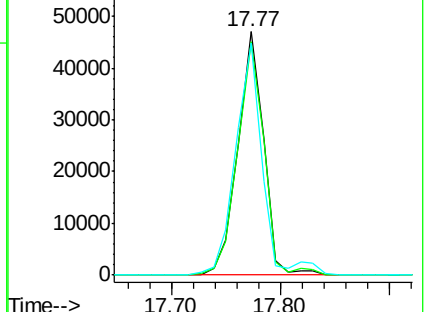
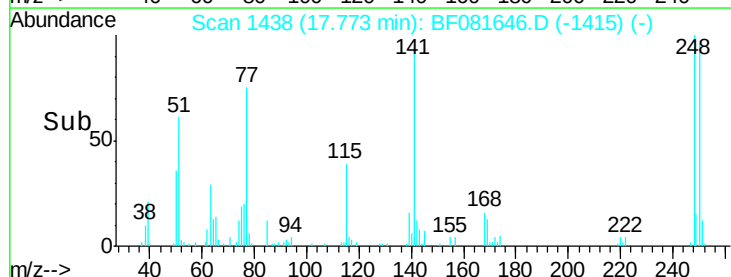
141 95.4 59.0 88.6#

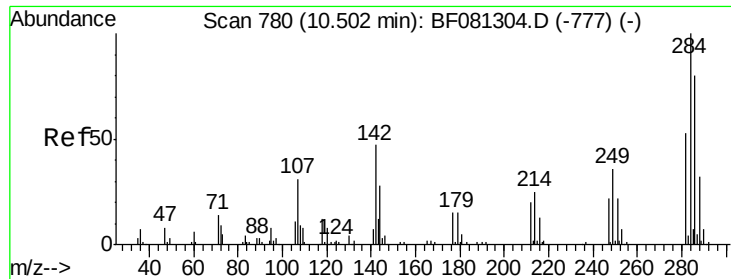


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

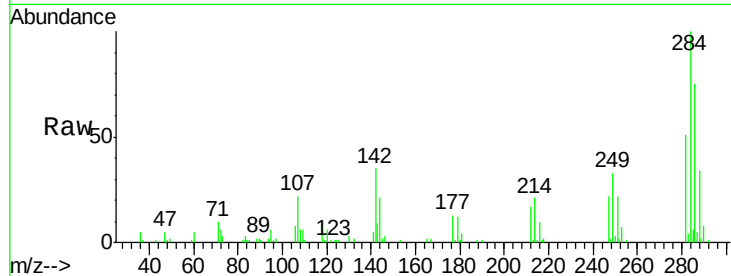




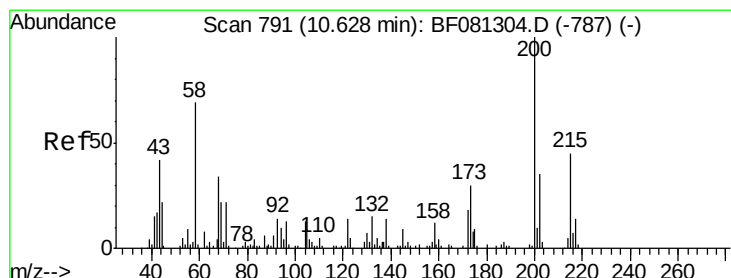
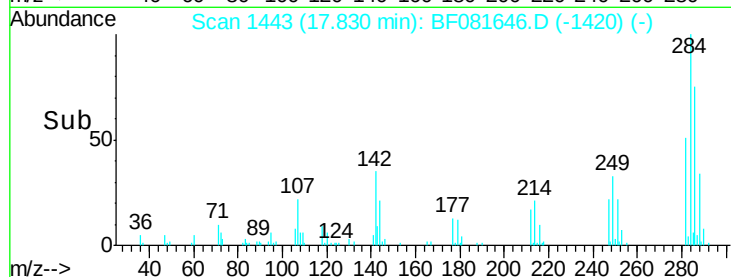
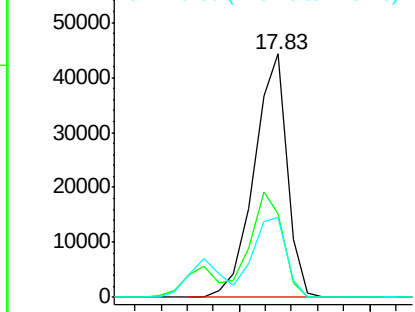
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 17.83 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Instrument :
BNA_F
ClientSampleId :
PB85561BS

Tgt Ion:284 Resp: 78100
Ion Ratio Lower Upper
284 100
142 34.5 29.5 44.3
249 32.8 19.5 29.3#

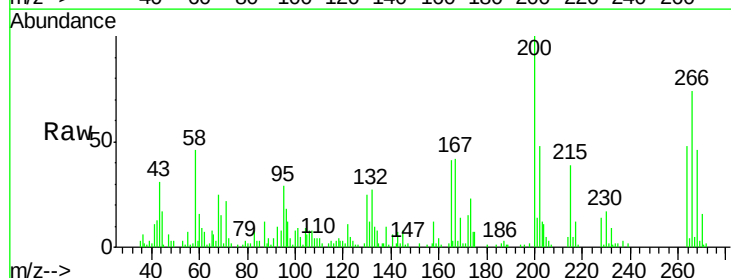


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

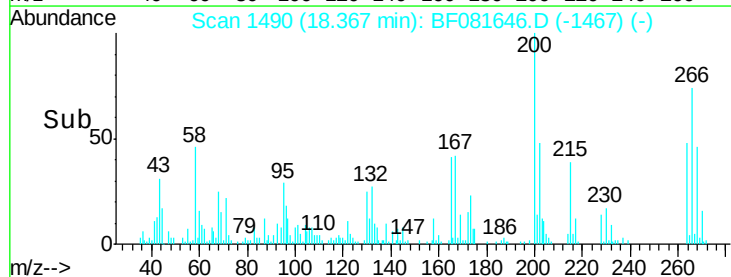
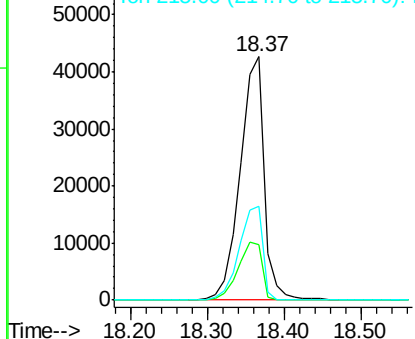


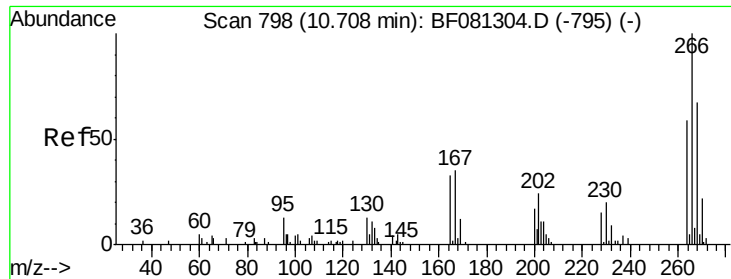
#68
Atrazine
Concen: 42.76 ng
RT: 18.37 min Scan# 1490
Delta R.T. -0.03 min
Lab File: BF081646.D
Acq: 16 Sep 2015 13:07

Tgt Ion:200 Resp: 93016
Ion Ratio Lower Upper
200 100
173 23.0 13.2 53.2
215 38.6 41.8 81.8#



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

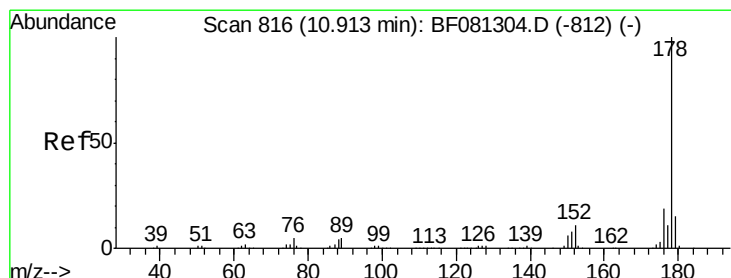
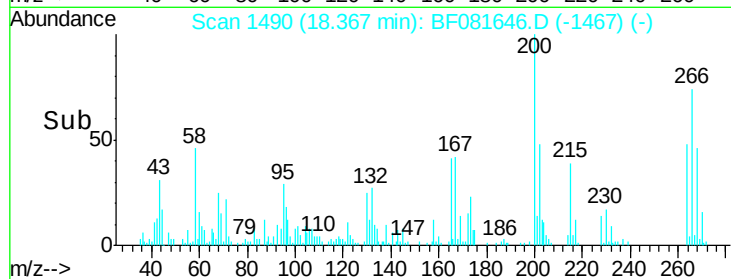
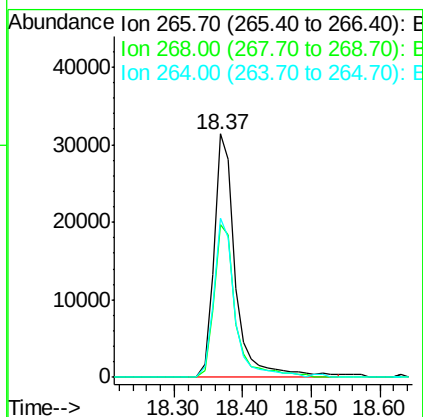
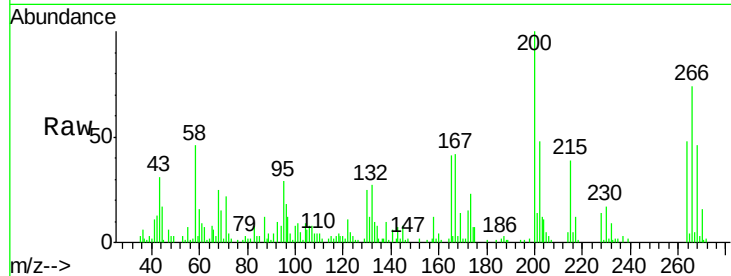




#69
 Pentachlorophenol
 Concen: 67.08 ng
 RT: 18.37 min Scan# 1490
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

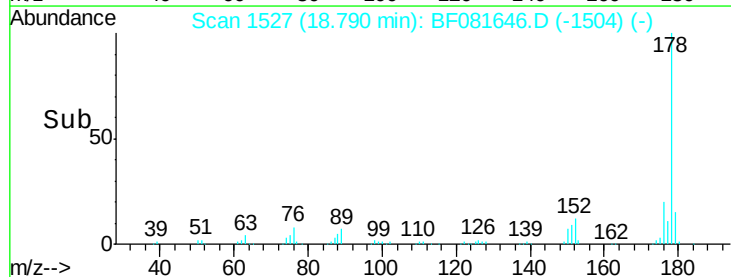
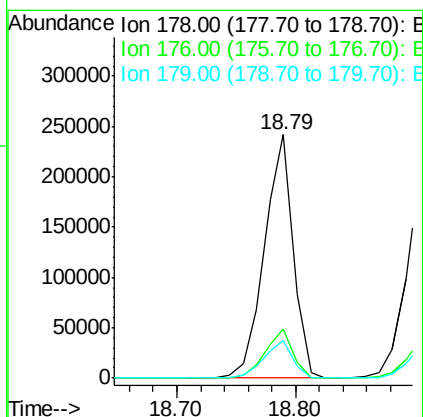
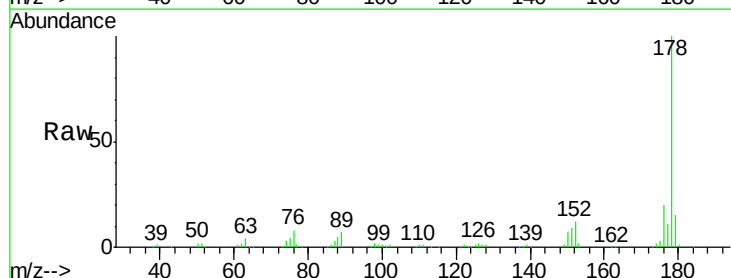
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

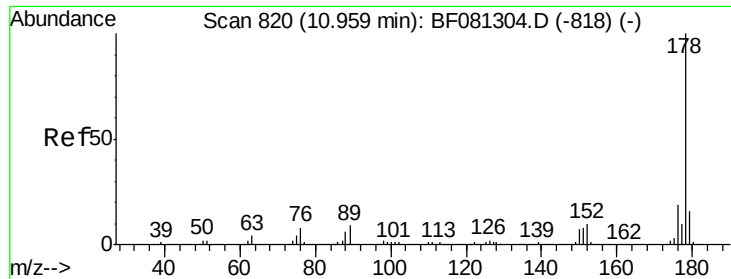
Tgt Ion: 266 Resp: 69638
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.6
 264 65.6 50.2 75.2



#70
 Phenanthrene
 Concen: 35.49 ng
 RT: 18.79 min Scan# 1527
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion: 178 Resp: 407568
 Ion Ratio Lower Upper
 178 100
 176 20.0 13.8 20.8
 179 15.3 12.2 18.2

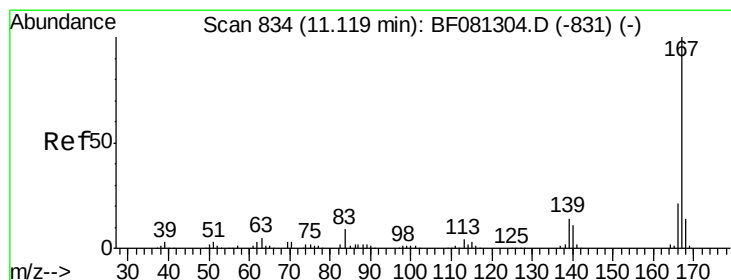
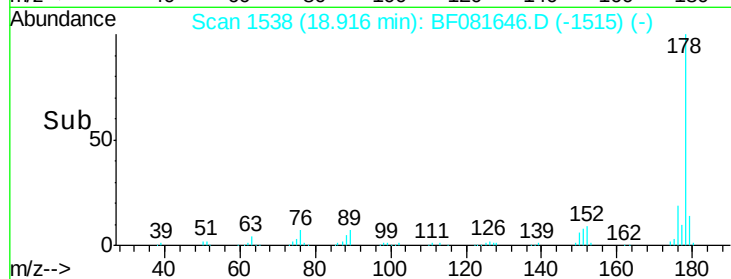
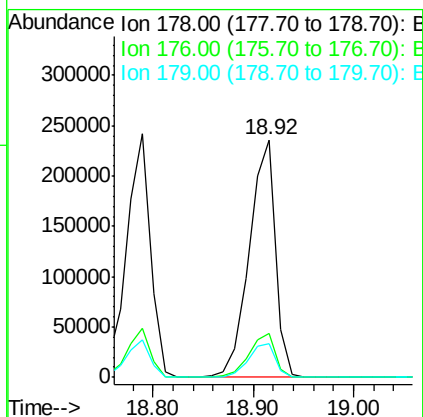
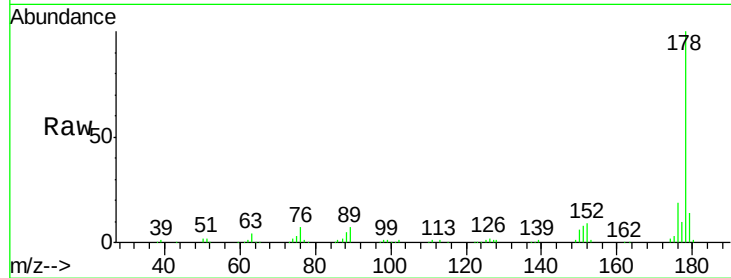




#71
 Anthracene
 Concen: 36.04 ng
 RT: 18.92 min Scan# 1538
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

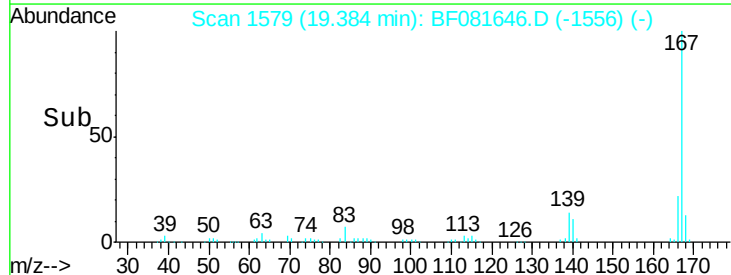
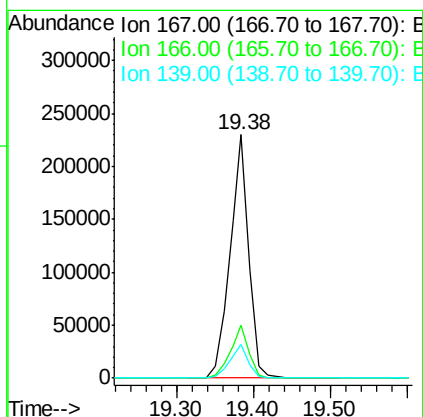
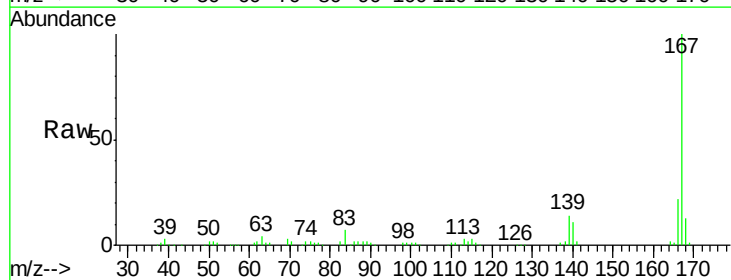
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

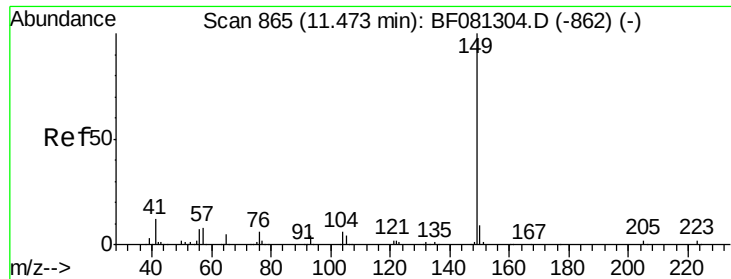
Tgt Ion:178 Resp: 425232
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 14.3 12.2 18.2



#72
 Carbazole
 Concen: 35.72 ng
 RT: 19.38 min Scan# 1579
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:167 Resp: 395525
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.7 9.5 14.3

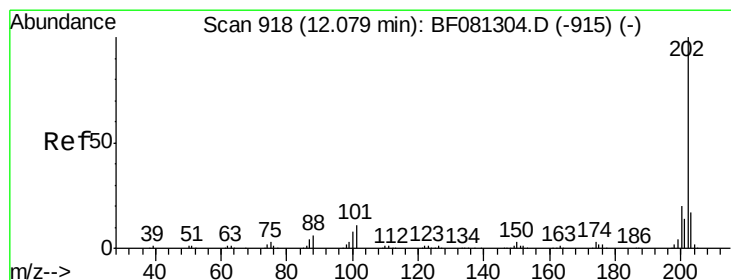
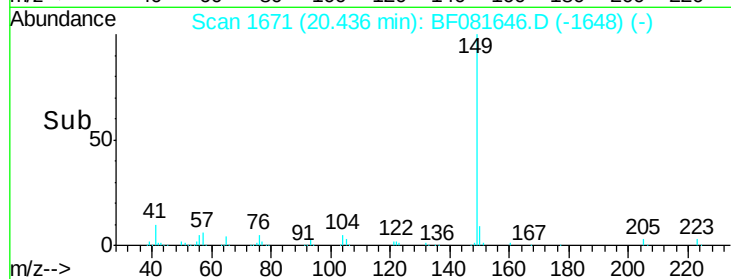
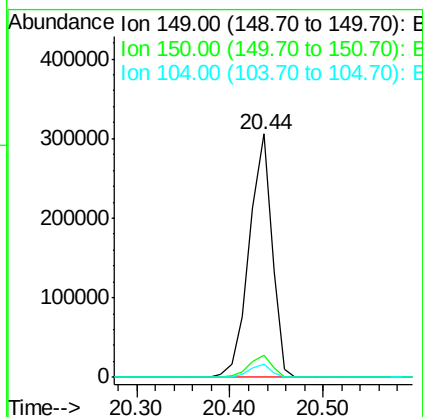
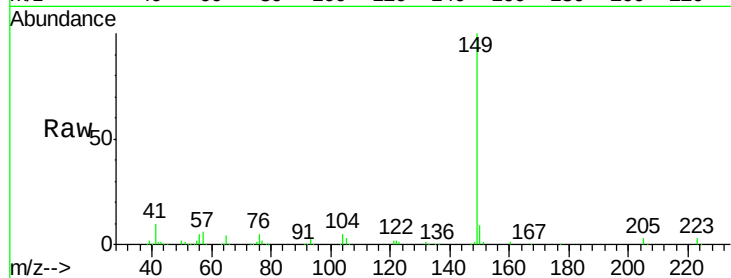




#73
 Di-n-butylphthalate
 Concen: 39.78 ng
 RT: 20.44 min Scan# 1671
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

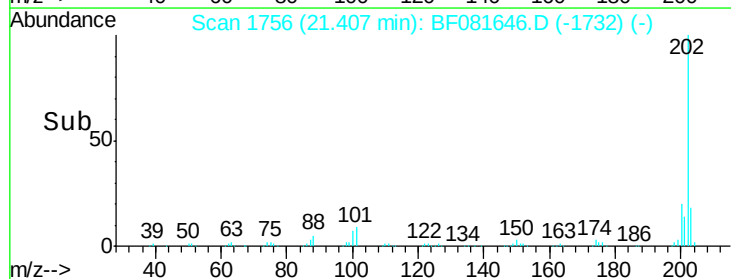
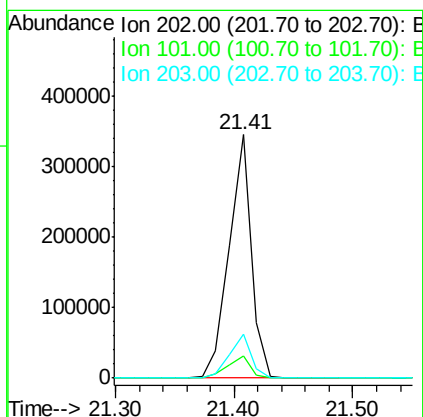
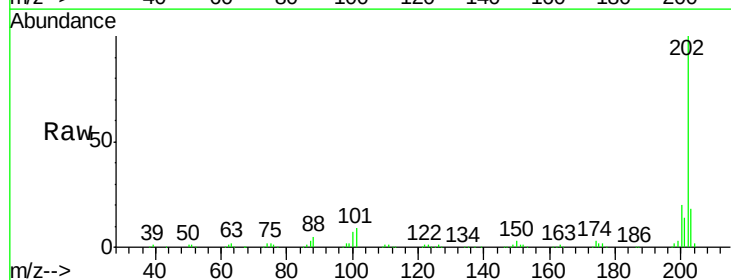
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

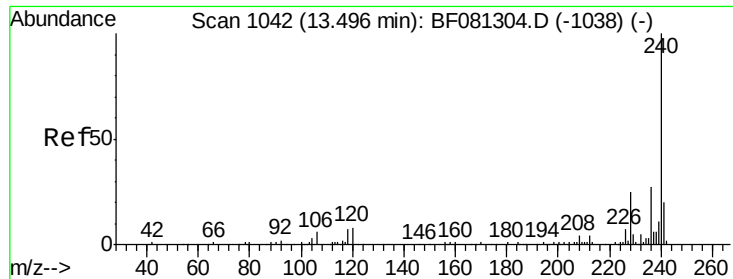
Tgt Ion:149 Resp: 520134
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 5.3 2.4 3.6#



#74
 Fluoranthene
 Concen: 36.18 ng
 RT: 21.41 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion:202 Resp: 449880
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 38.3
 203 17.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 23.36 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

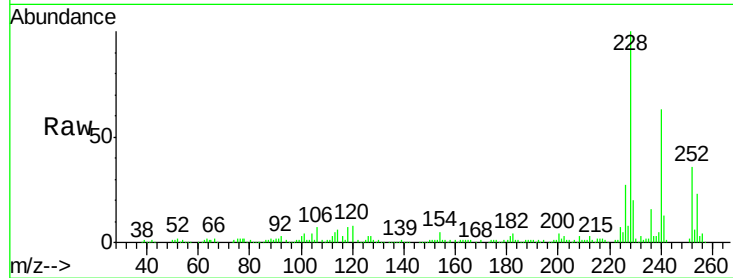
Tgt Ion:240 Resp: 166207

Ion Ratio Lower Upper

240 100

120 12.7 16.2 24.2#

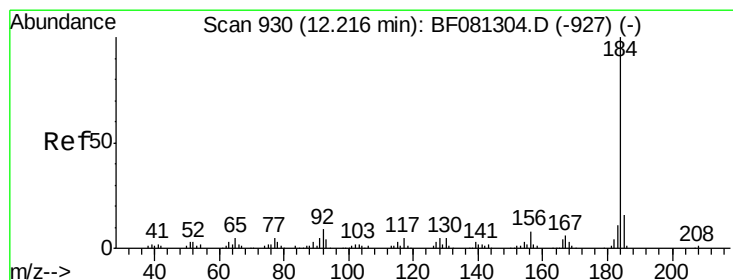
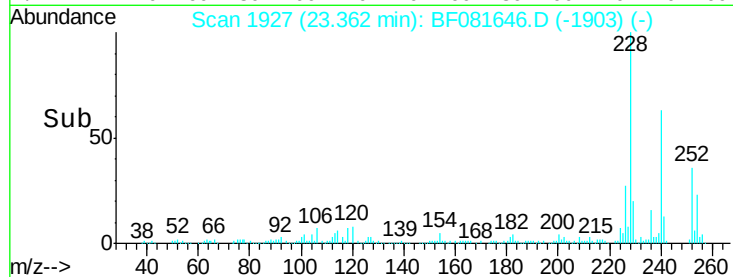
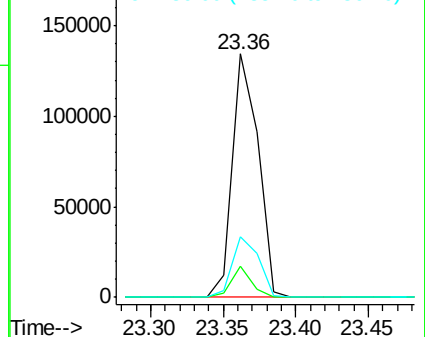
236 24.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.07 ng

RT: 21.72 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

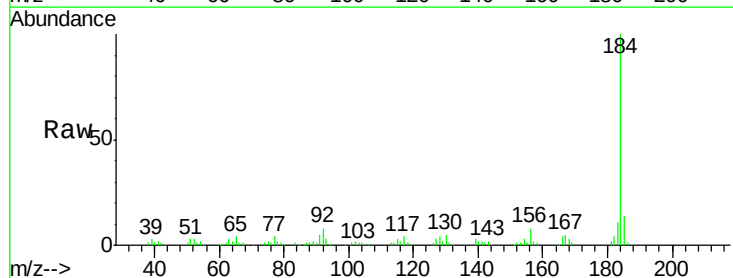
Tgt Ion:184 Resp: 193155

Ion Ratio Lower Upper

184 100

185 13.7 11.8 17.6

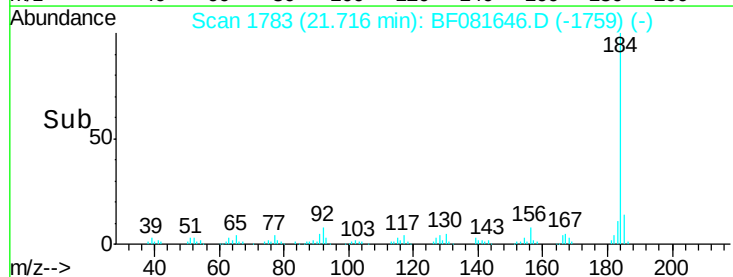
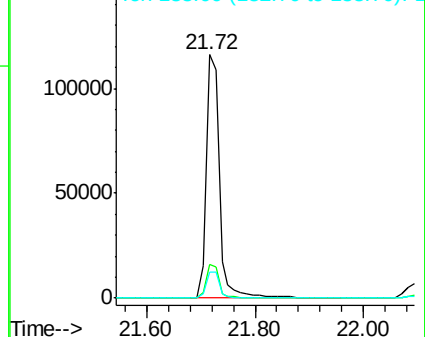
183 10.7 7.6 11.4

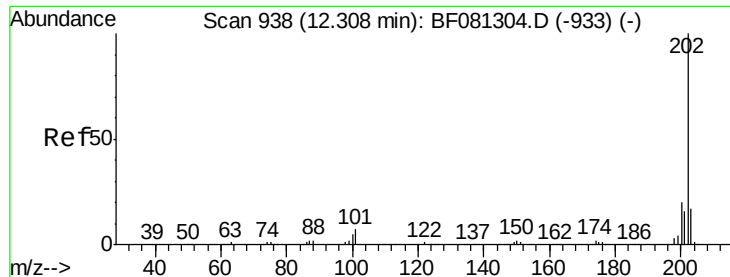


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

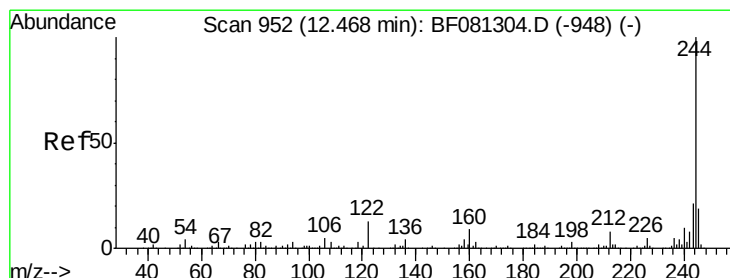
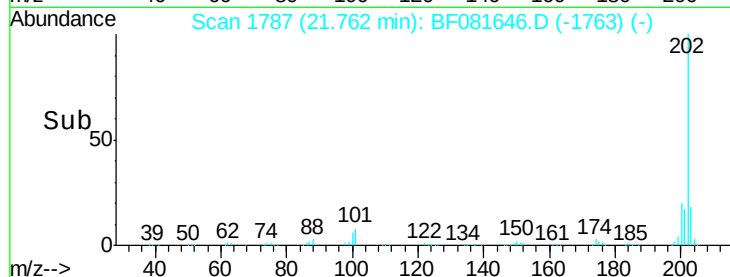
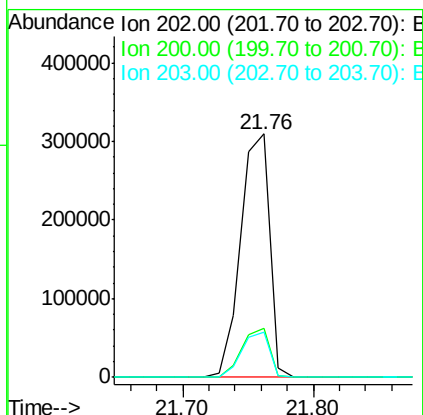
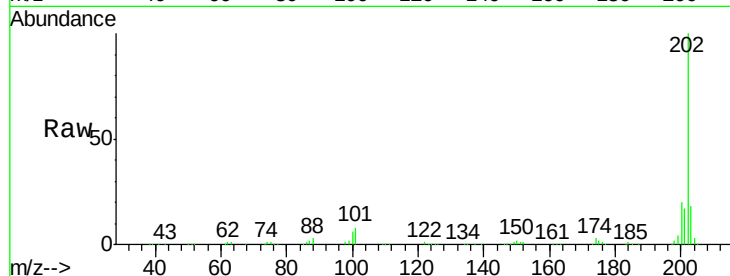




#77
 Pyrene
 Concen: 38.63 ng
 RT: 21.76 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

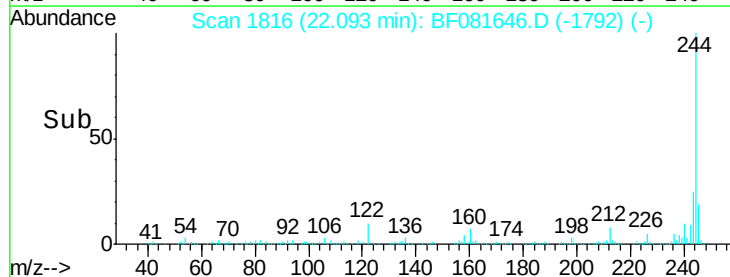
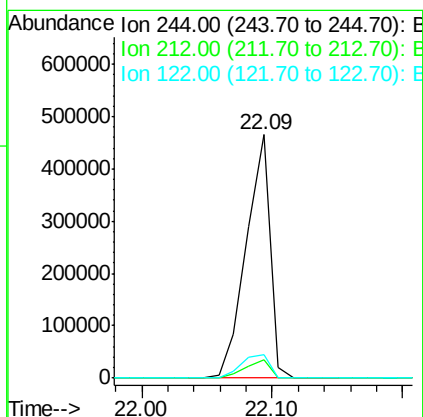
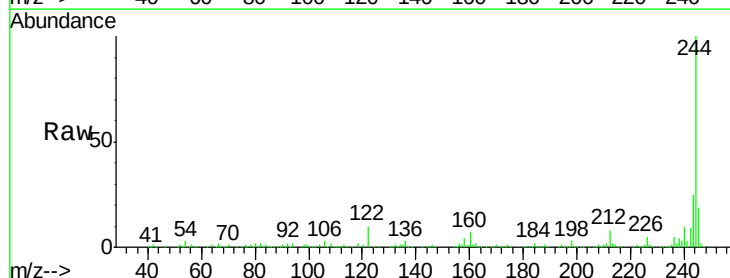
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

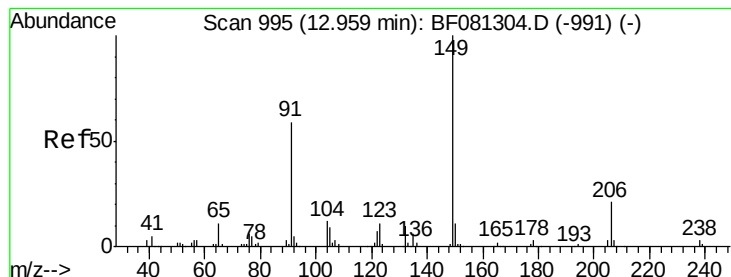
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.0	22.4
203	18.5	14.1	21.1



#78
 Terphenyl-d14
 Concen: 83.05 ng
 RT: 22.09 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	9.7	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 40.92 ng

RT: 22.78 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

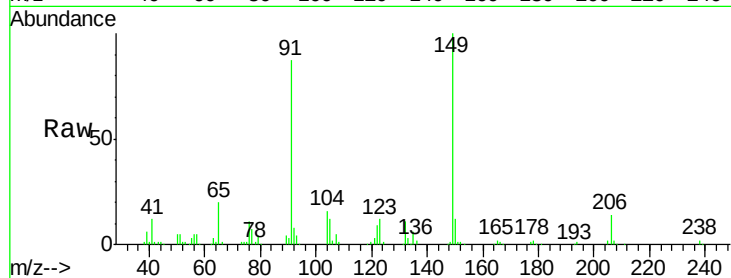
Tgt Ion:149 Resp: 219098

Ion Ratio Lower Upper

149 100

91 86.8 48.6 72.8#

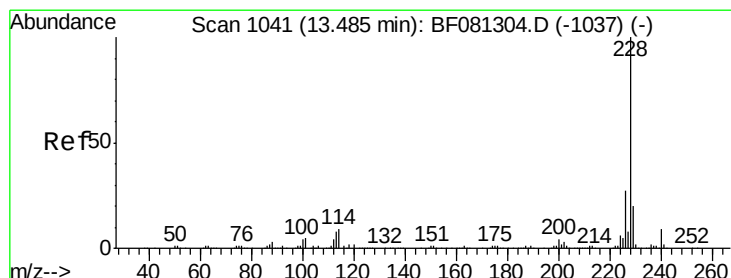
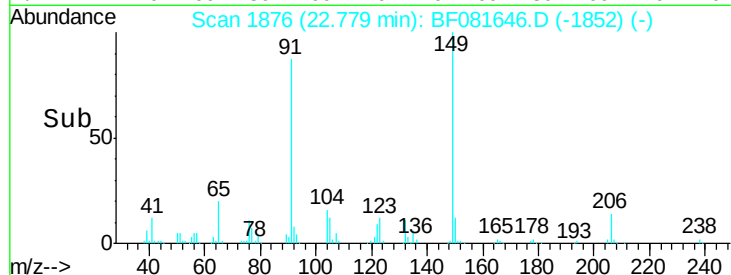
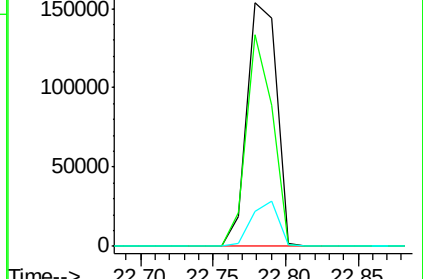
206 14.2 14.9 22.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.75 ng

RT: 23.35 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

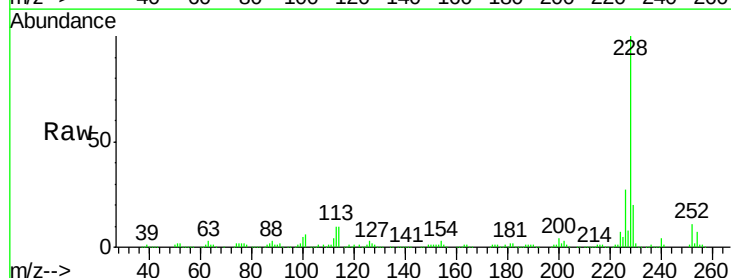
Tgt Ion:228 Resp: 388966

Ion Ratio Lower Upper

228 100

226 26.9 20.0 30.0

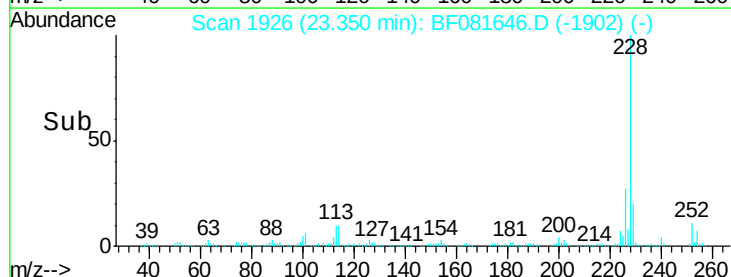
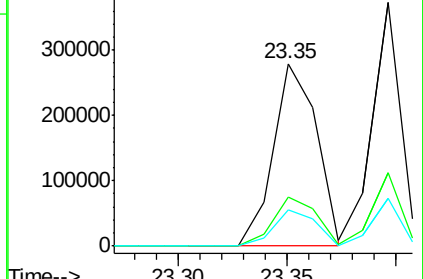
229 19.8 15.4 23.2

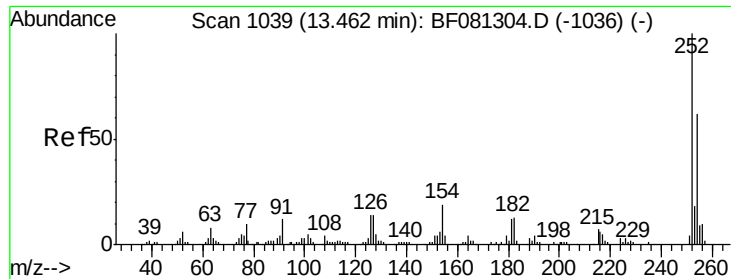


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

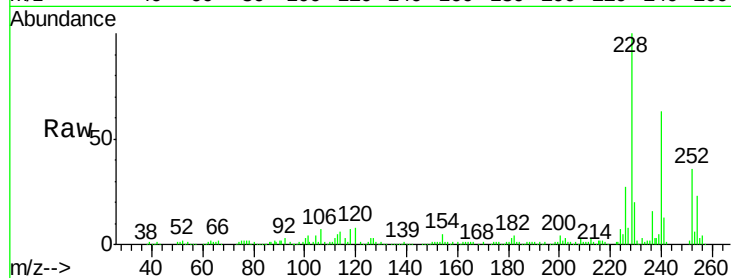




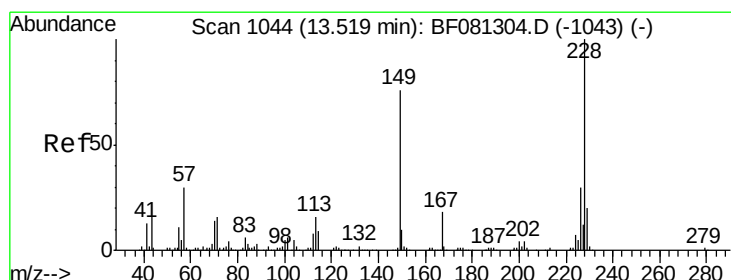
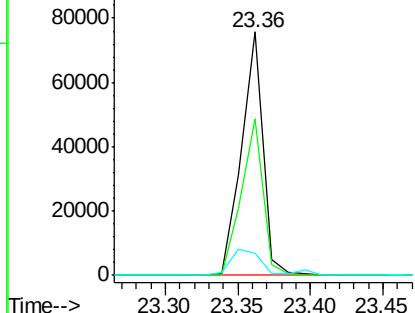
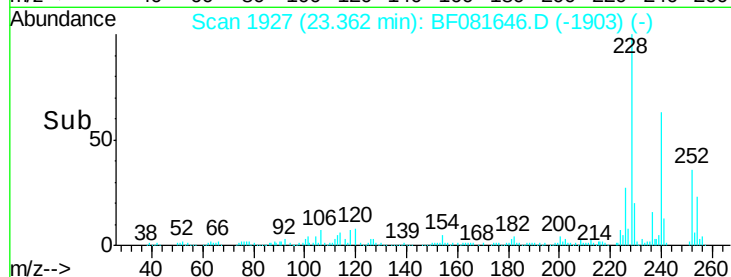
#81
 3,3'-Dichlorobenzidine
 Concen: 21.82 ng
 RT: 23.36 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	9.2	16.4	24.6#

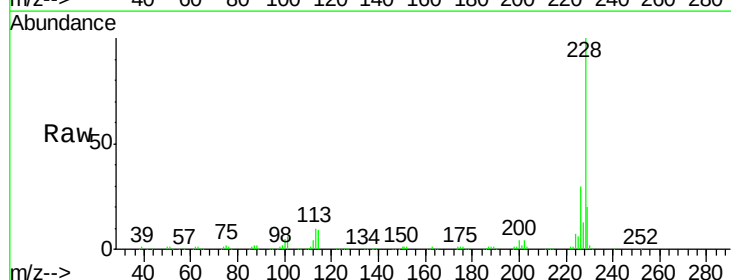


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

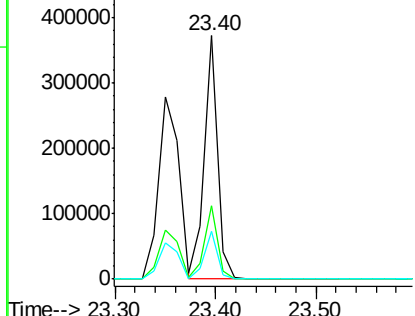
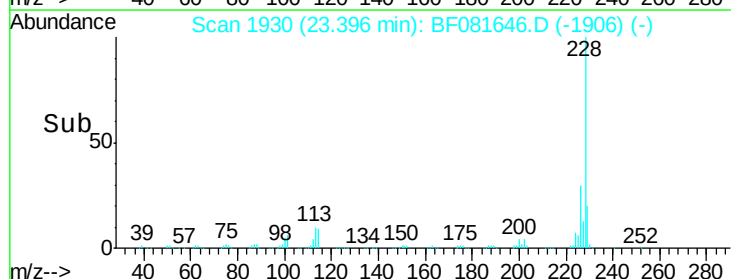


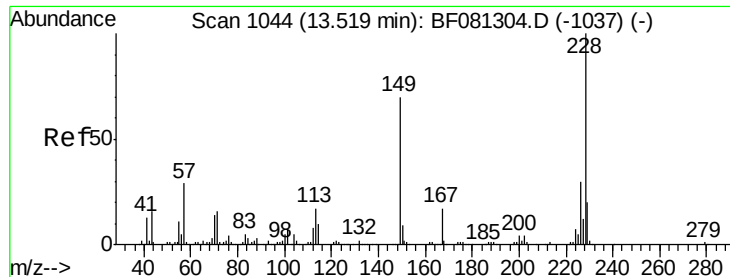
#82
 Chrysene
 Concen: 36.29 ng
 RT: 23.40 min Scan# 1930
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.0	31.4
229	19.7	15.6	23.4



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

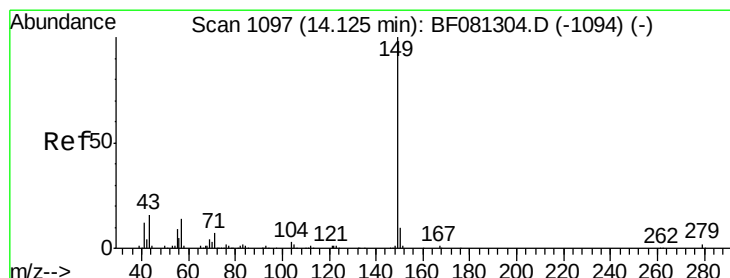
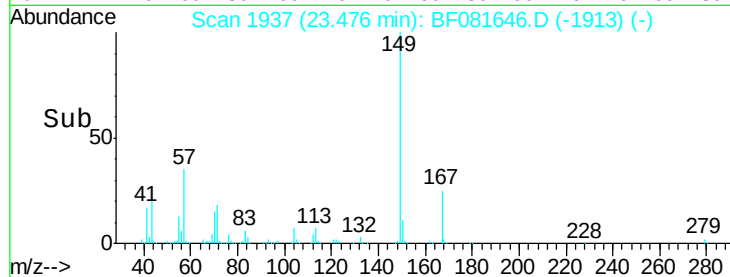
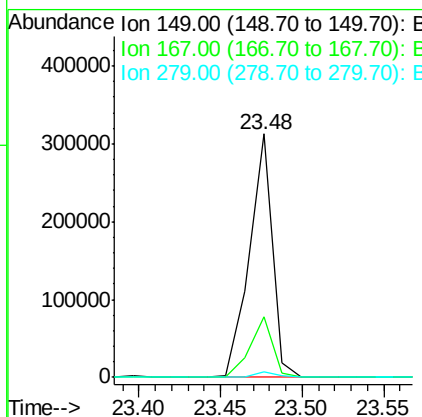
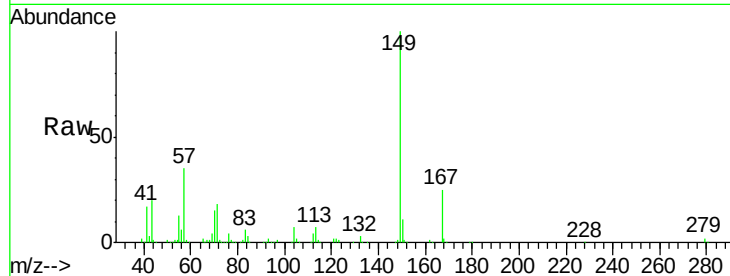




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.28 ng
 RT: 23.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

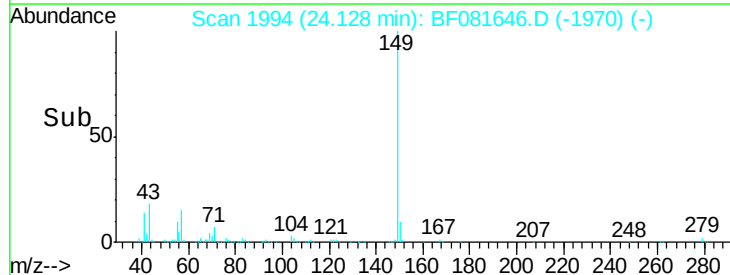
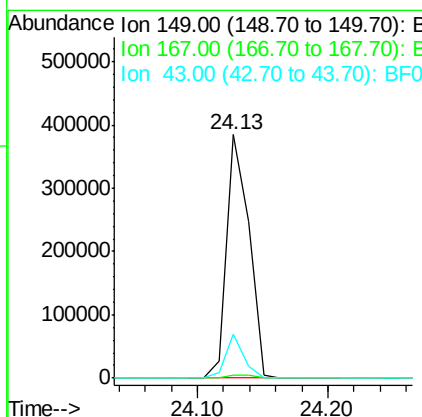
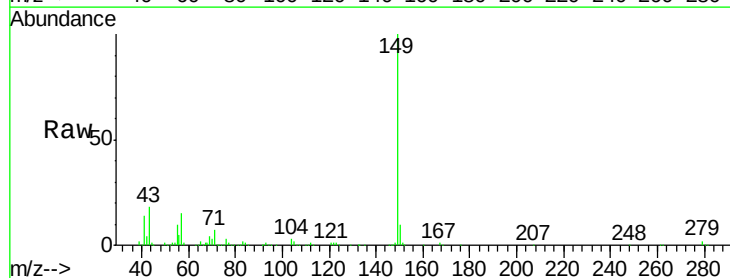
Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

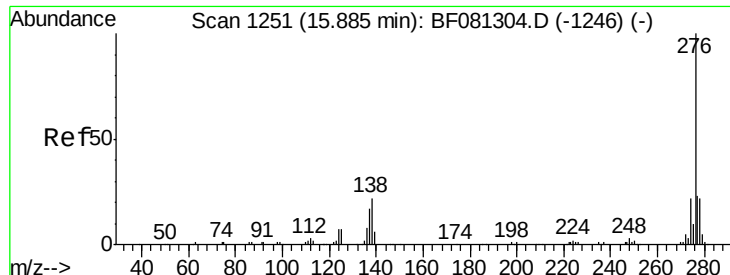
Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	24.2	36.2
279	2.5	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 39.15 ng
 RT: 24.13 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	14.8	10.2	15.2

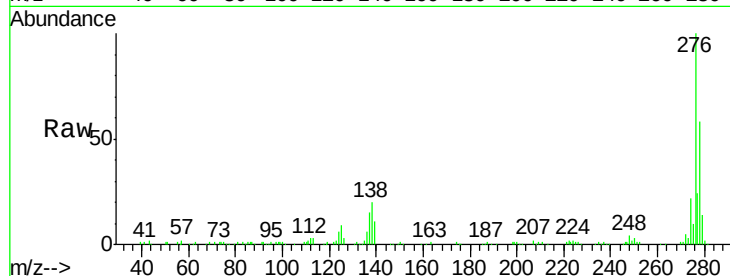




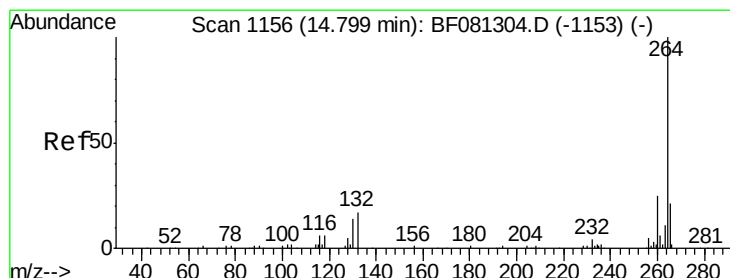
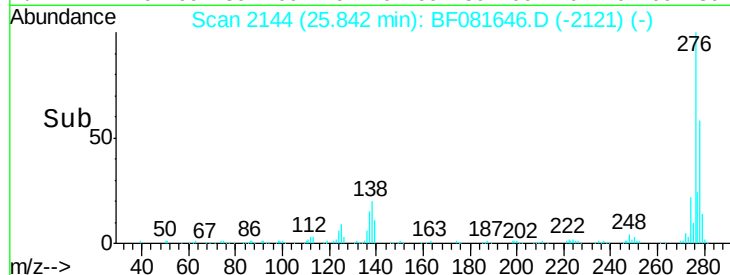
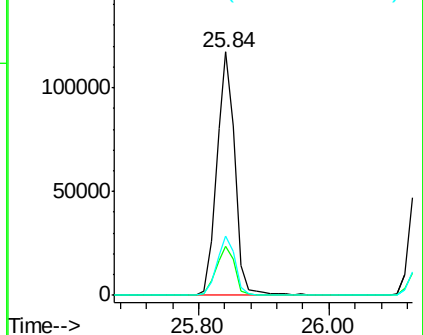
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.74 ng
 RT: 25.84 min Scan# 2144
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.7	38.5#
277	24.5	15.6	23.4#

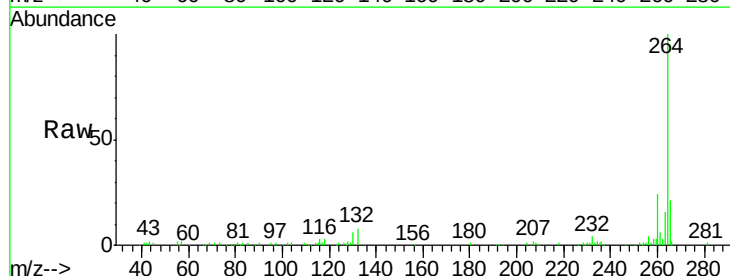


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

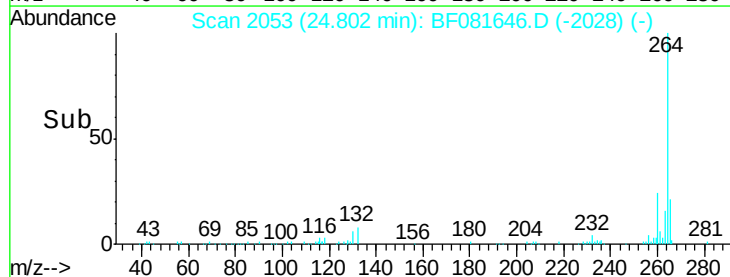
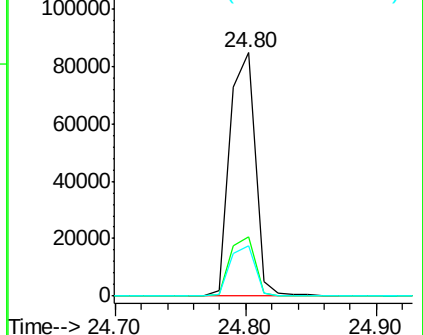


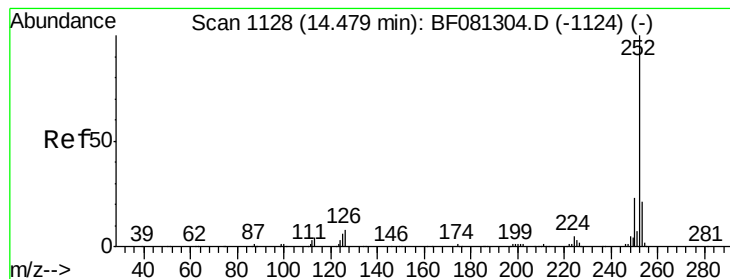
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.80 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	20.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.49 ng m

RT: 24.46 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

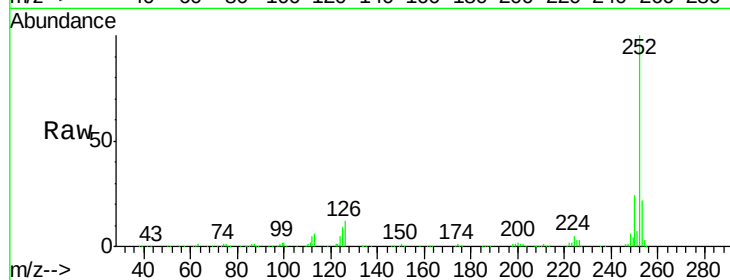
Tgt Ion:252 Resp: 289602

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

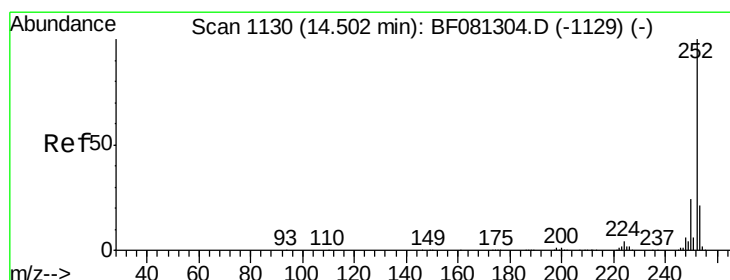
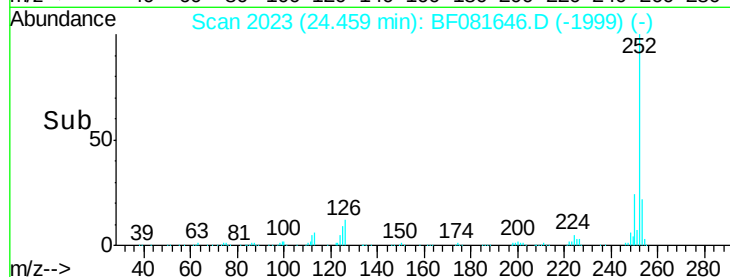
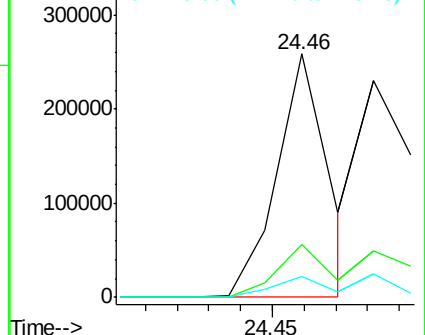
125 8.7 17.1 25.7#



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: 39.49 ng m

RT: 24.48 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

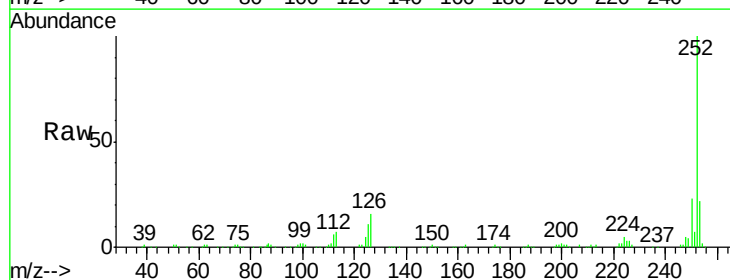
Tgt Ion:252 Resp: 267352

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

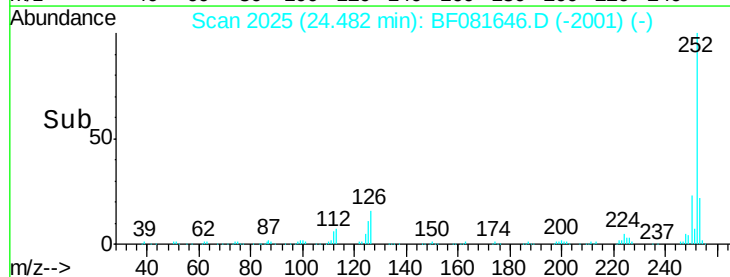
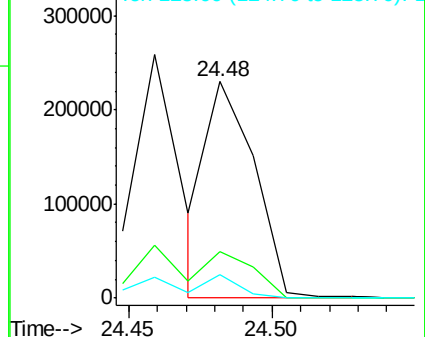
125 10.8 16.0 24.0#

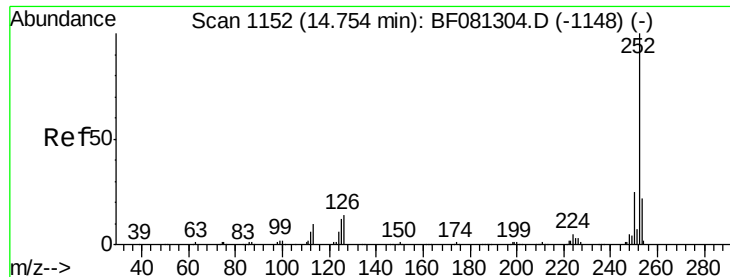


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.18 ng

RT: 24.76 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

Instrument :

BNA_F

ClientSampleId :

PB85561BS

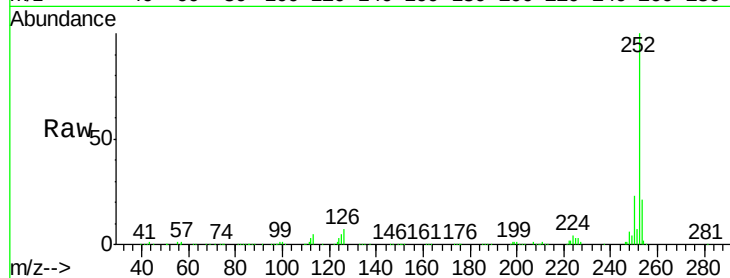
Tgt Ion:252 Resp: 277817

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

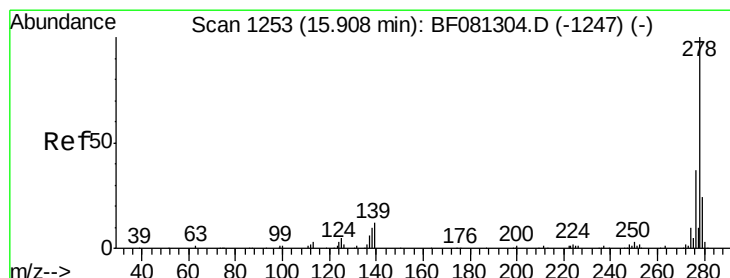
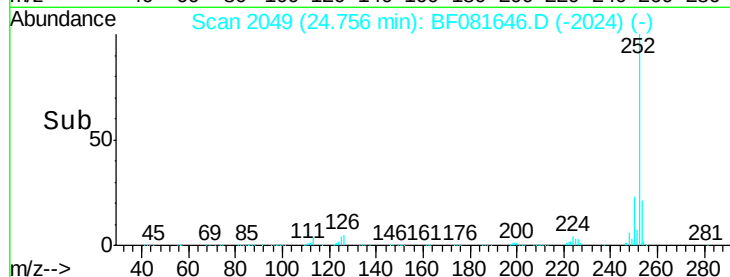
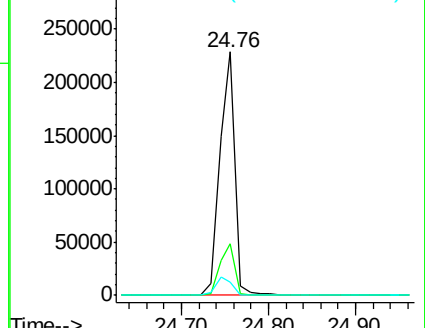
125 5.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.86 ng

RT: 25.85 min Scan# 2145

Delta R.T. -0.03 min

Lab File: BF081646.D

Acq: 16 Sep 2015 13:07

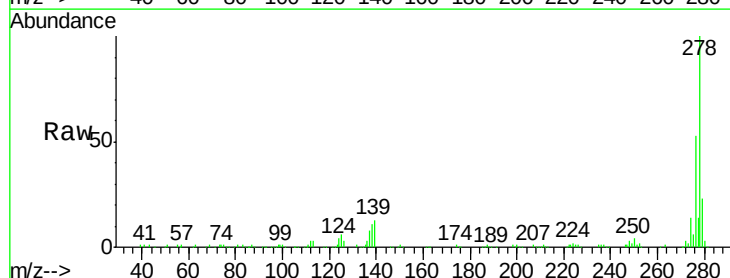
Tgt Ion:278 Resp: 191607

Ion Ratio Lower Upper

278 100

139 12.8 26.3 39.5#

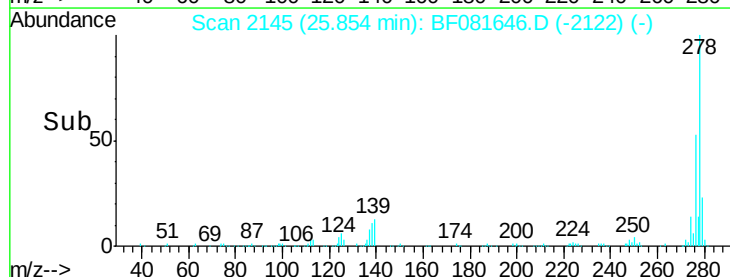
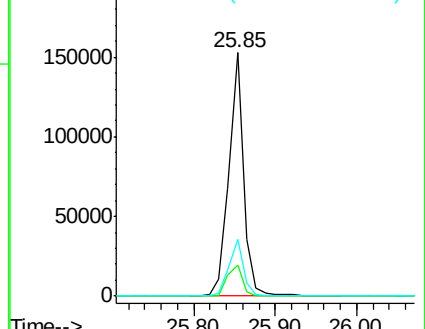
279 23.4 18.2 27.4

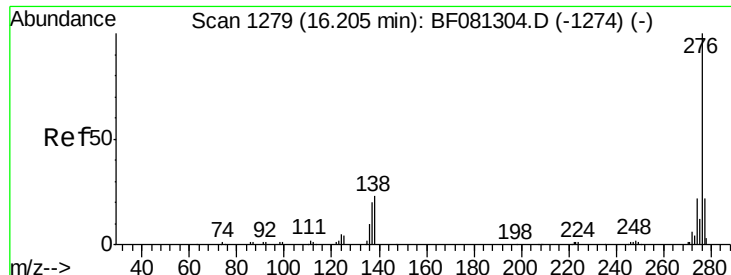


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

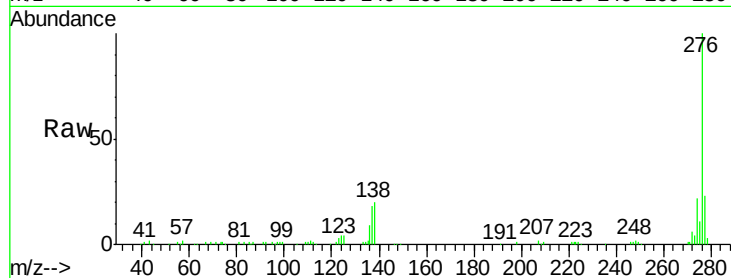




#91
 Benzo(g,h,i)perylene
 Concen: 36.28 ng
 RT: 26.14 min Scan# 2170
 Delta R.T. -0.03 min
 Lab File: BF081646.D
 Acq: 16 Sep 2015 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB85561BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.8	26.6
138	20.2	34.6	51.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

