

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081381.D
 Acq On : 3 Sep 2015 17:37
 Operator : UM/IZ
 Sample : PB85360BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

Quant Time: Sep 04 02:04:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	57262	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	222958	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	110984	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	223052	20.00	ng	0.00
75) Chrysene-d12	13.47	240	166759	20.00	ng	0.00
86) Perylene-d12	14.78	264	109527	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	286887	77.73	ng	0.01
7) Phenol-d6	6.04	99	385897	78.99	ng	0.00
23) Nitrobenzene-d5	6.95	82	346701	75.02	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	85909	86.93	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	599574	69.23	ng	-0.01
78) Terphenyl-d14	12.46	244	628774	87.77	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	47002	28.36	ng	# 90
3) Pyridine	2.31	79	160377	35.09	ng	# 85
4) n-Nitrosodimethylamine	2.27	42	94278	37.13	ng	# 76
6) Aniline	6.03	93	147929	21.44	ng	# 81
8) 2-Chlorophenol	6.16	128	159119	39.13	ng	91
9) Benzaldehyde	5.91	77	17273	5.64	ng	# 83
10) Phenol	6.06	94	212256	37.47	ng	# 54
11) bis(2-Chloroethyl)ether	6.12	93	165704	40.54	ng	93
12) 1,3-Dichlorobenzene	6.31	146	158125	36.39	ng	# 92
13) 1,4-Dichlorobenzene	6.39	146	162450	36.72	ng	# 90
14) 1,2-Dichlorobenzene	6.54	146	135307	33.97	ng	# 87
15) Benzyl Alcohol	6.54	79	143305	35.76	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	302887	38.66	ng	# 3
17) 2-Methylphenol	6.67	107	129298	39.84	ng	# 76
18) Hexachloroethane	6.88	117	62831	36.50	ng	92
19) n-Nitroso-di-n-propylamine	6.81	70	114198	34.35	ng	# 90
20) 3+4-Methylphenols	6.83	107	168199	38.44	ng	90
22) Acetophenone	6.80	105	232242	38.14	ng	# 78
24) Nitrobenzene	6.97	77	195868	40.81	ng	# 69
25) Isophorone	7.21	82	308339	35.87	ng	# 83
26) 2-Nitrophenol	7.29	139	81300	38.87	ng	# 63
27) 2,4-Dimethylphenol	7.36	122	140578	38.91	ng	# 84
28) bis(2-Chloroethoxy)methane	7.44	93	183989	37.06	ng	# 91
29) 2,4-Dichlorophenol	7.54	162	124988	39.90	ng	97
30) 1,2,4-Trichlorobenzene	7.61	180	132470	38.92	ng	98
31) Naphthalene	7.68	128	411660	34.62	ng	98
32) Benzoic acid	7.51	122	73635	29.58	ng	# 58
33) 4-Chloroaniline	7.75	127	69749	14.38	ng	# 84
34) Hexachlorobutadiene	7.80	225	74726	36.08	ng	96
35) Caprolactam	8.12	113	25794	26.85	ng	# 13
36) 4-Chloro-3-methylphenol	8.26	107	150517	42.92	ng	# 75
37) 2-Methylnaphthalene	8.38	142	306051	39.55	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	120678	34.38	ng	98
40) Hexachlorocyclopentadiene	8.54	237	126232	73.28	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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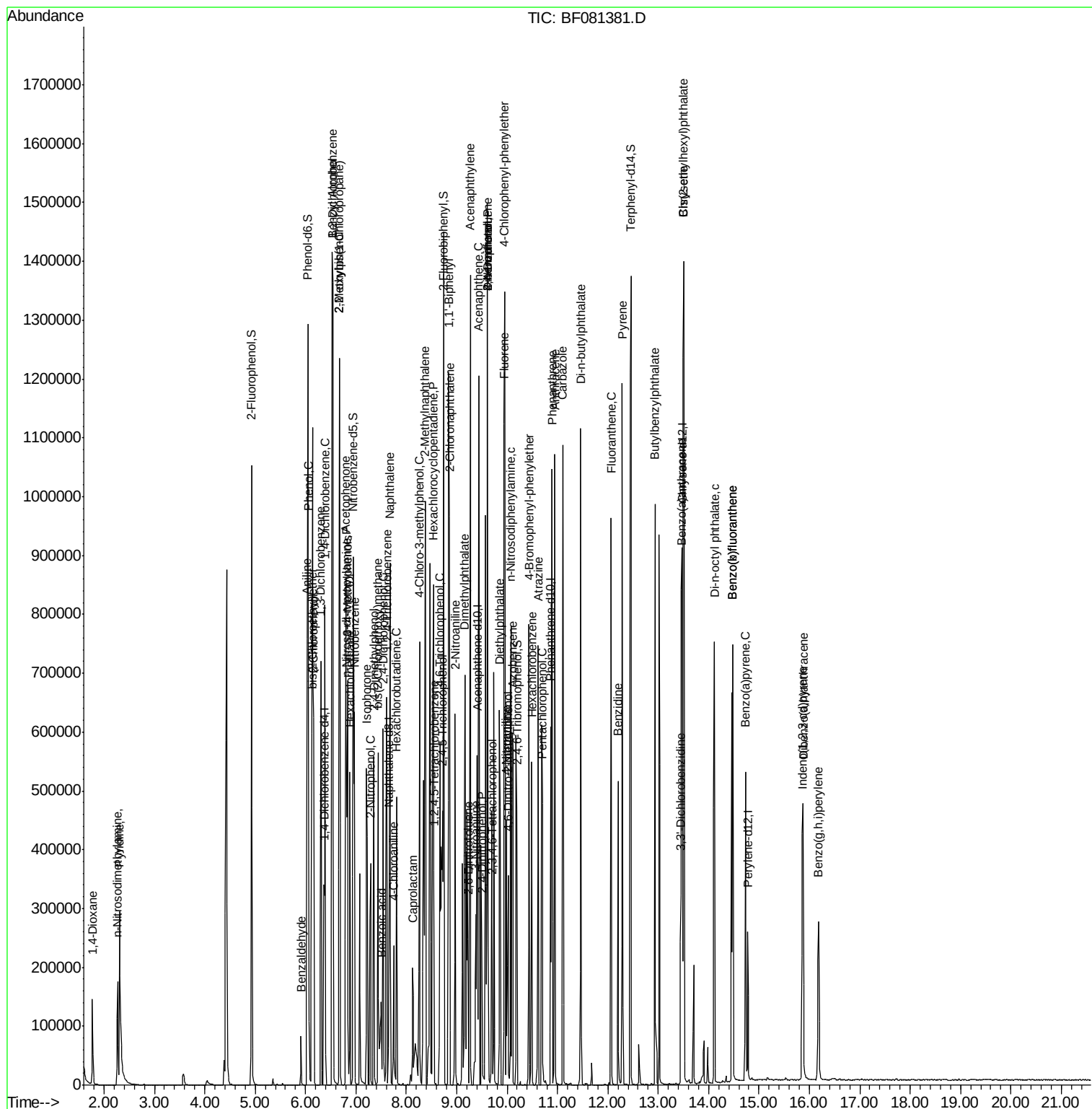
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	83716	34.56	nq	97
43) 2,4,5-Trichlorophenol	8.72	196	86733	35.10	nq	# 95
45) 1,1'-Biphenyl	8.84	154	376989	36.92	nq	95
46) 2-Chloronaphthalene	8.86	162	255918	34.71	nq	# 88
47) 2-Nitroaniline	8.97	65	121261	40.35	nq	# 66
48) Acenaphthylene	9.27	152	466424	35.66	nq	97
49) Dimethylphthalate	9.16	163	342541	39.72	nq	# 96
50) 2,6-Dinitrotoluene	9.22	165	65815	33.63	nq	93
51) Acenaphthene	9.44	154	275220	36.98	nq	88
52) 3-Nitroaniline	9.38	138	48267	21.66	nq	# 73
53) 2,4-Dinitrophenol	9.50	184	61530	74.64	nq	# 75
54) Dibenzofuran	9.61	168	414969	38.19	nq	# 87
55) 4-Nitrophenol	9.61	139	264754	189.15	nq	# 31
56) 2,4-Dinitrotoluene	9.61	165	88245	35.41	nq	# 1
57) Fluorene	9.94	166	296962	36.01	nq	94
58) 2,3,4,6-Tetrachlorophenol	9.70	232	69187	36.67	nq	95
59) Diethylphthalate	9.85	149	326546	36.00	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	158382	41.21	nq	93
61) 4-Nitroaniline	9.99	138	71103	31.59	nq	# 29
62) Azobenzene	10.10	77	379204	37.60	nq	# 79
64) 4,6-Dinitro-2-methylphenol	10.02	198	48669	39.01	nq	87
65) n-Nitrosodiphenylamine	10.08	169	280778	34.59	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	85713	38.00	nq	93
67) Hexachlorobenzene	10.49	284	88942	37.72	nq	# 81
68) Atrazine	10.62	200	92899	39.55	nq	82
69) Pentachlorophenol	10.70	266	89780	78.40	nq	98
70) Phenanthrene	10.89	178	399754	32.24	nq	96
71) Anthracene	10.95	178	486664	38.20	nq	99
72) Carbazole	11.11	167	405931	33.95	nq	95
73) Di-n-butylphthalate	11.46	149	522334	37.00	nq	# 98
74) Fluoranthene	12.07	202	510353	38.02	nq	86
76) Benzidine	12.21	184	197272	27.56	nq	98
77) Pyrene	12.29	202	476523	38.58	nq	98
79) Butylbenzylphthalate	12.94	149	209288	38.96	nq	# 77
80) Benzo(a)anthracene	13.46	228	396429	37.33	nq	95
81) 3,3'-Dichlorobenzidine	13.45	252	66999	18.70	nq	# 90
82) Chrysene	13.51	228	358169	37.62	nq	96
83) Bis(2-ethylhexyl)phthalate	13.51	149	279008	39.35	nq	# 92
84) Di-n-octylphthalate	14.11	149	418963	35.89	nq	98
85) Indeno(1,2,3-cd)pyrene	15.86	276	232105	33.23	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	551409	70.52	nq	# 88
88) Benzo(k)fluoranthene	14.48	252	551409	84.99	nq	# 89
89) Benzo(a)pyrene	14.73	252	245840	37.10	nq	# 89
90) Dibenzo(a,h)anthracene	15.87	278	190578	37.22	nq	# 81
91) Benzo(g,h,i)perylene	16.18	276	193939	39.69	nq	# 76

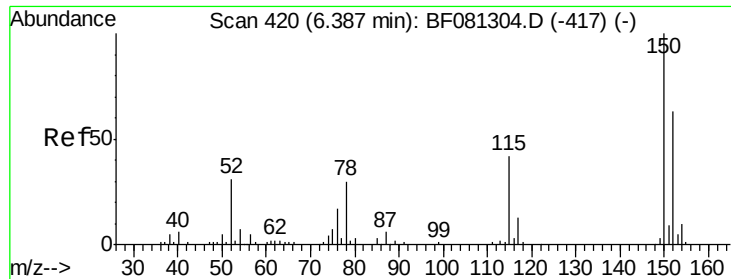
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : PB85360BS  
Misc      :  
ALS Vial  : 5 Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

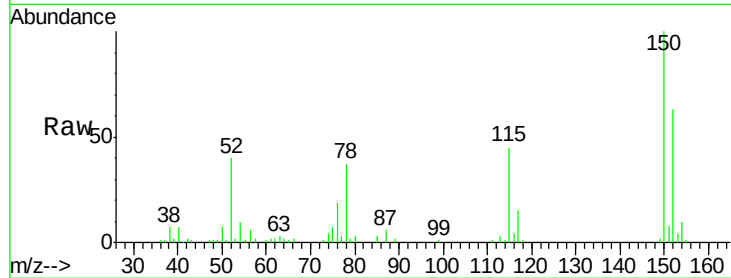
Tot Ion:152 Resp: 57262

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

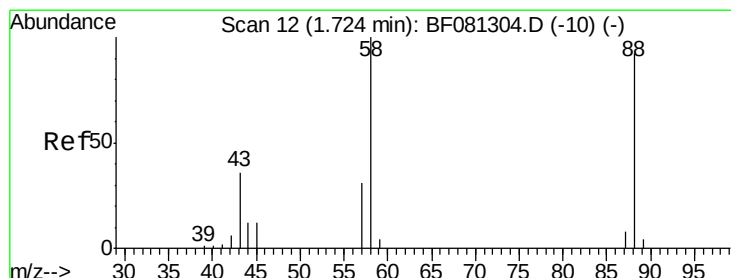
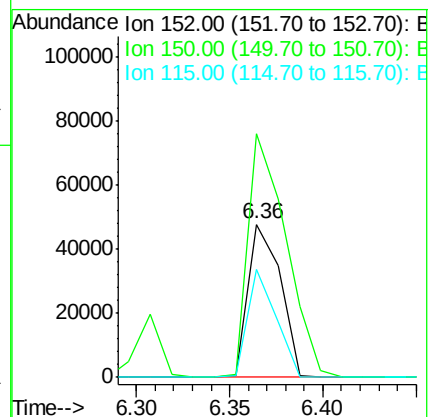
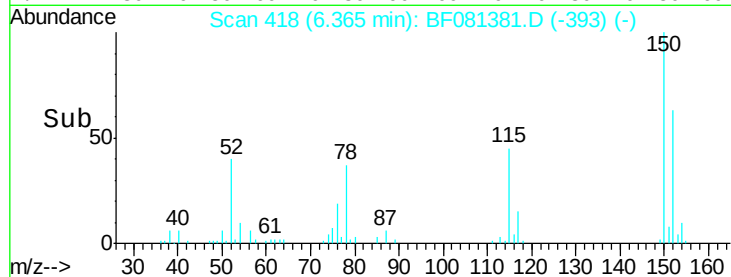
115 71.0 39.0 58.4#



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: 28.36 ng

RT: 1.77 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

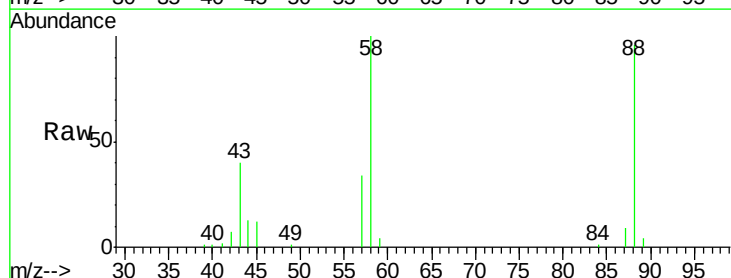
Tgt Ion: 88 Resp: 47002

Ion Ratio Lower Upper

88 100

58 104.1 77.7 116.5

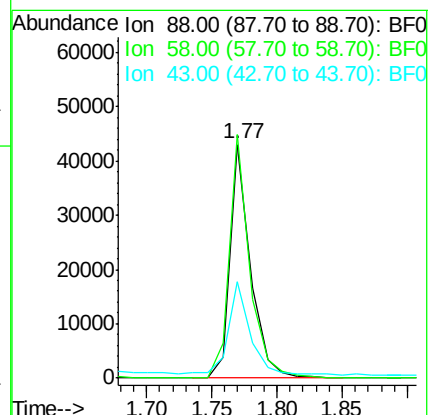
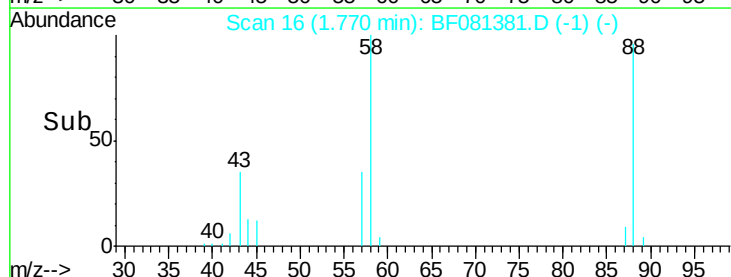
43 44.1 26.6 40.0#

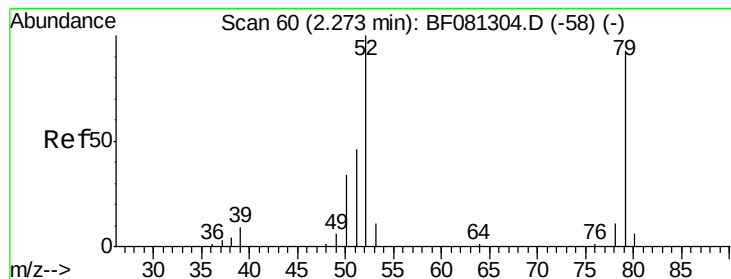


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.09 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

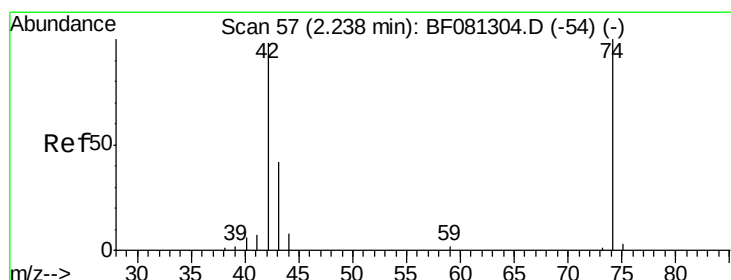
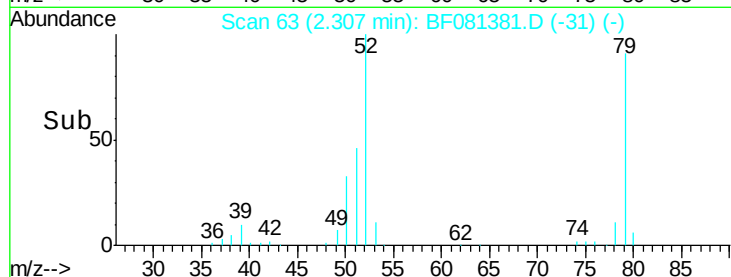
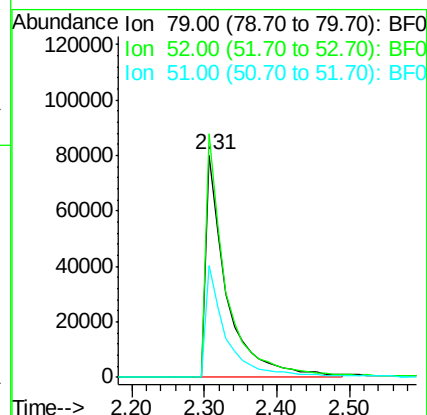
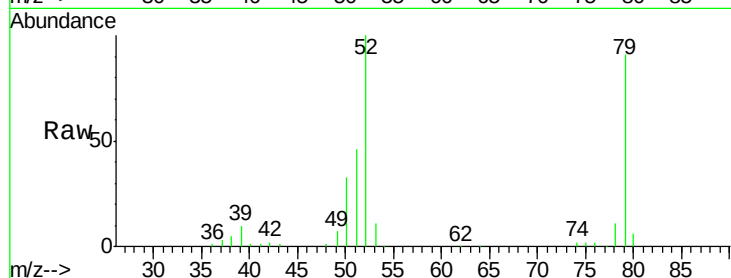
Tot Ion: 79 Resp: 160377

Ion Ratio Lower Upper

79 100

52 109.6 76.8 115.2

51 50.3 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 37.13 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

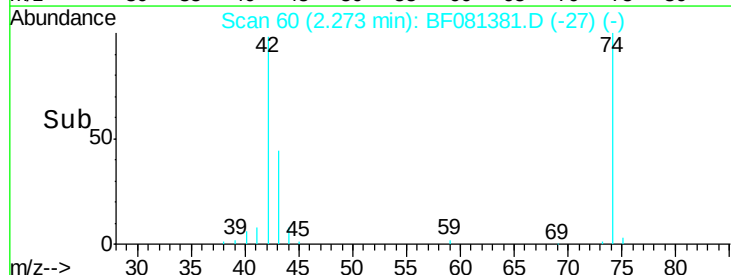
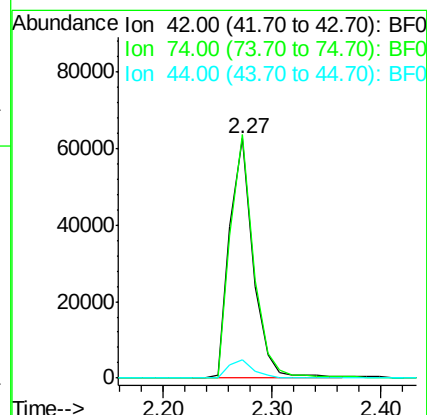
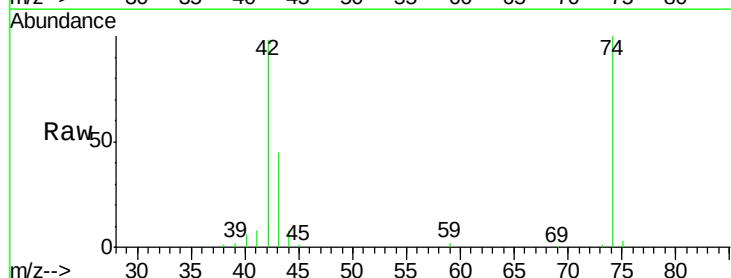
Tgt Ion: 42 Resp: 94278

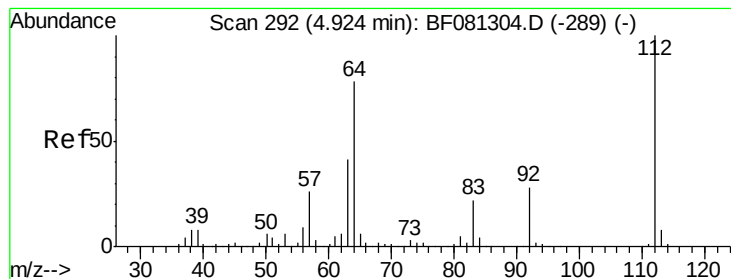
Ion Ratio Lower Upper

42 100

74 101.8 105.0 157.6#

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 77.73 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

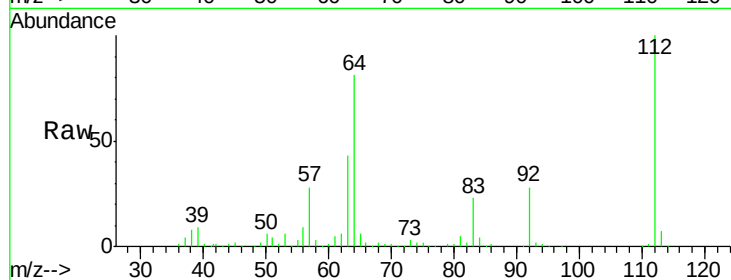
Tot Ion: 112 Resp: 286887

Ion Ratio Lower Upper

112 100

64 81.2 39.7 59.5#

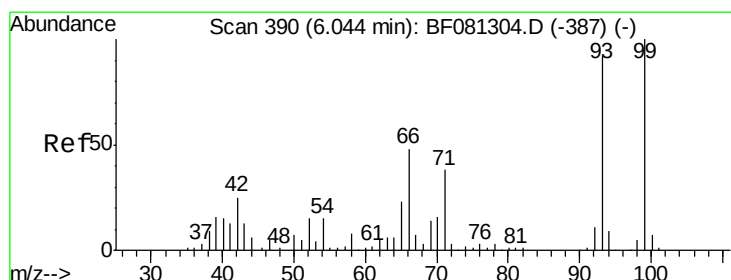
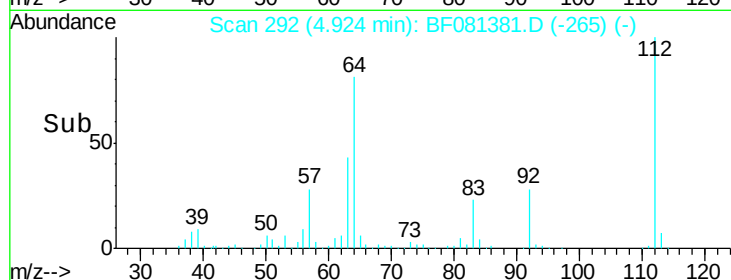
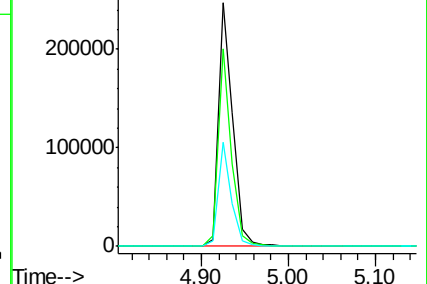
63 42.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.44 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

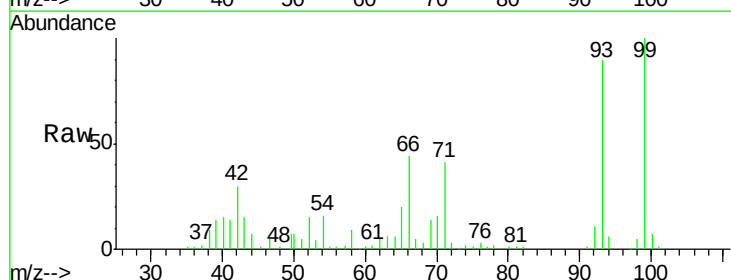
Tgt Ion: 93 Resp: 147929

Ion Ratio Lower Upper

93 100

66 48.2 27.2 40.8#

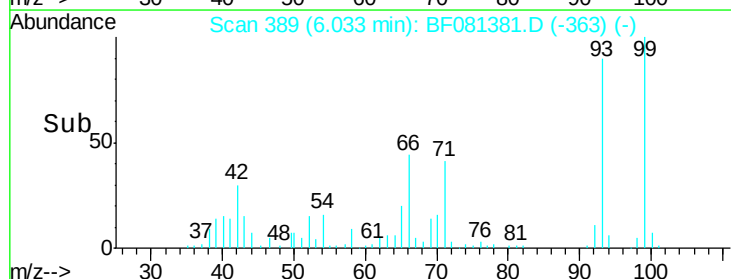
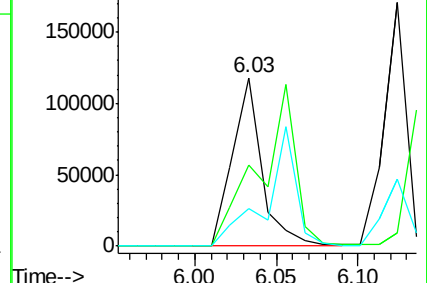
65 22.6 14.7 22.1#

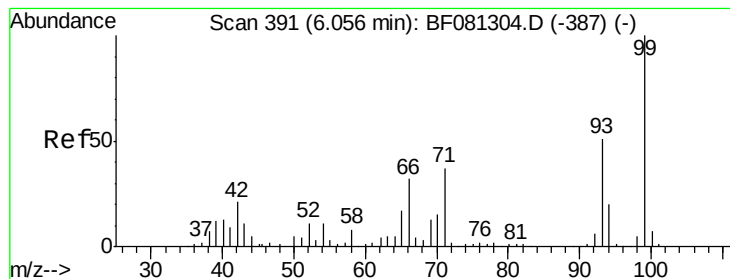


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.99 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

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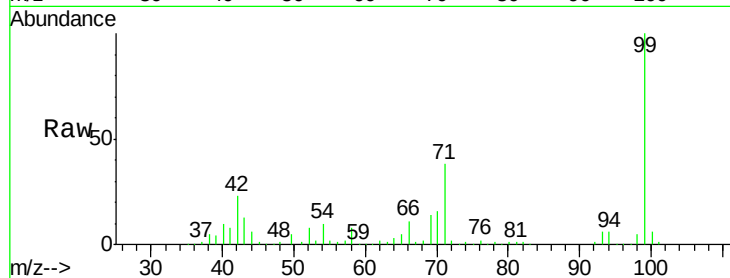
Tot Ion: 99 Resp: 385897

Ion Ratio Lower Upper

99 100

42 22.8 13.7 20.5#

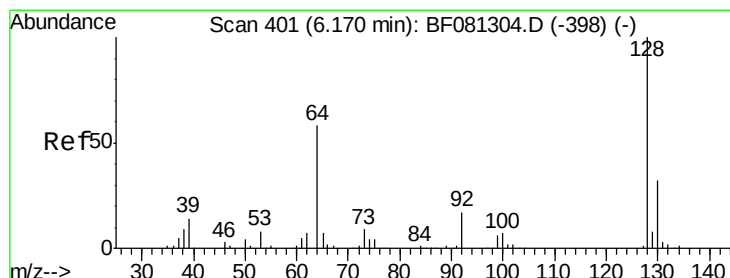
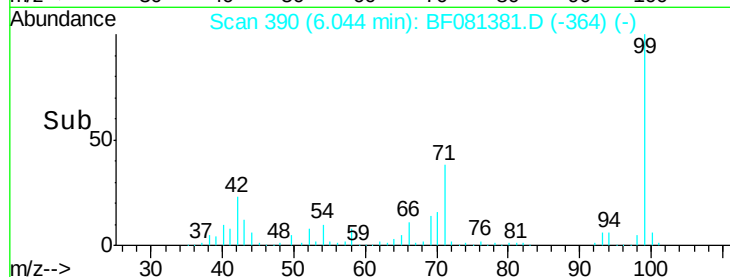
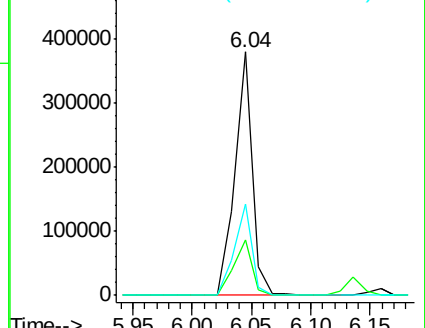
71 37.5 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.13 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

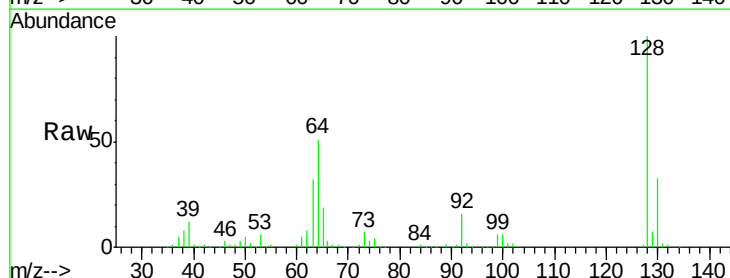
Tgt Ion: 128 Resp: 159119

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

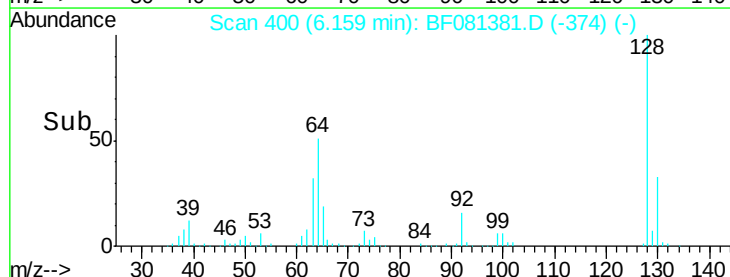
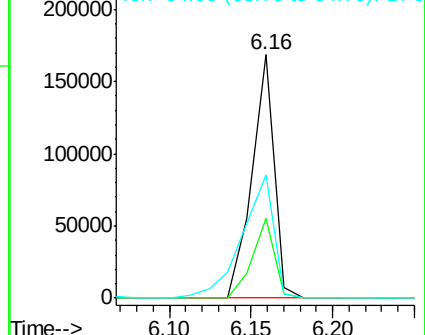
64 50.5 20.5 60.5

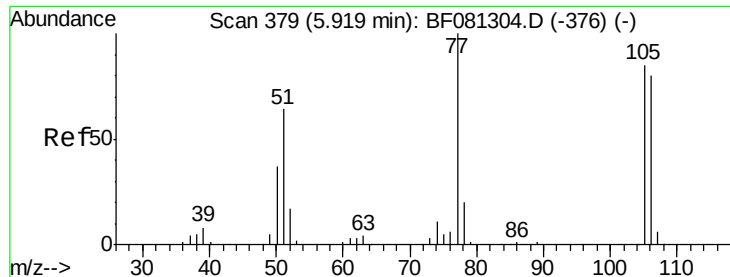


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.64 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

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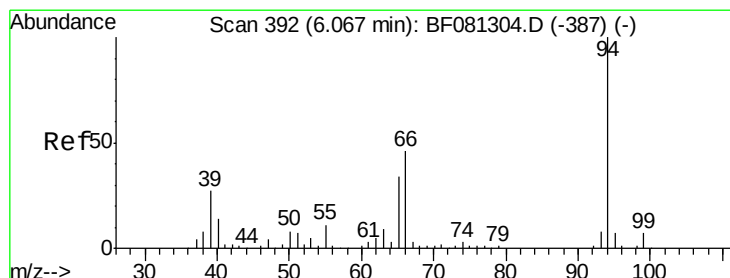
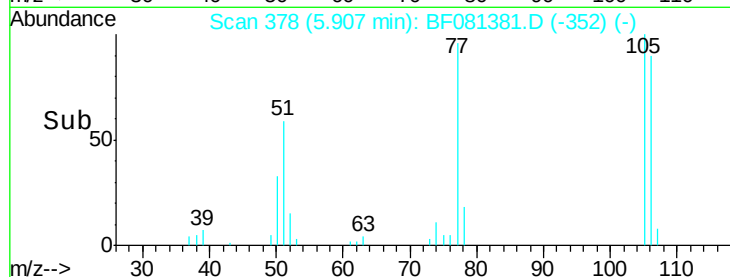
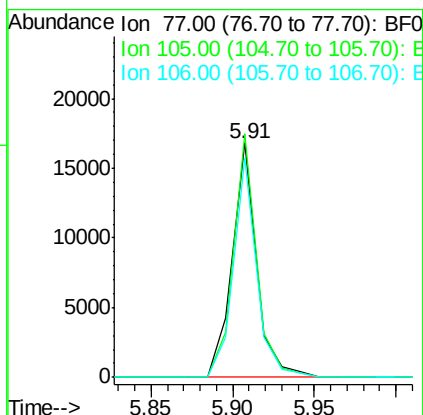
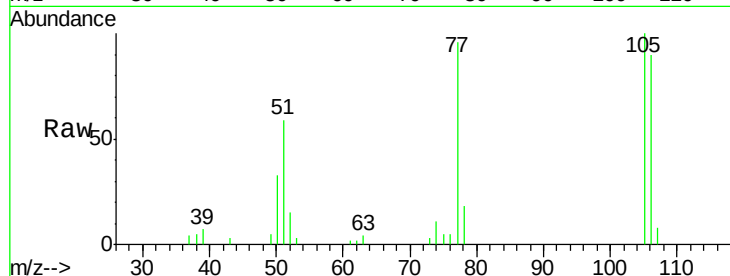
Tot Ion: 77 Resp: 17273

Ion Ratio Lower Upper

77 100

105 103.9 91.6 131.6

106 93.4 102.6 142.6#



#10

Phenol

Concen: 37.47 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

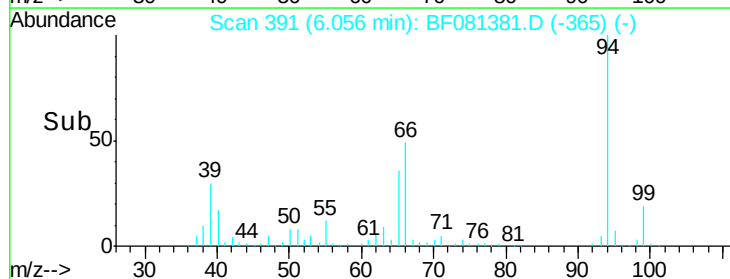
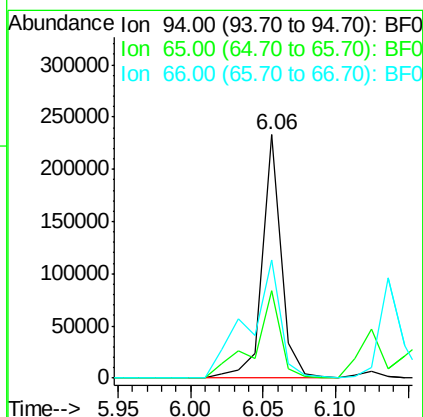
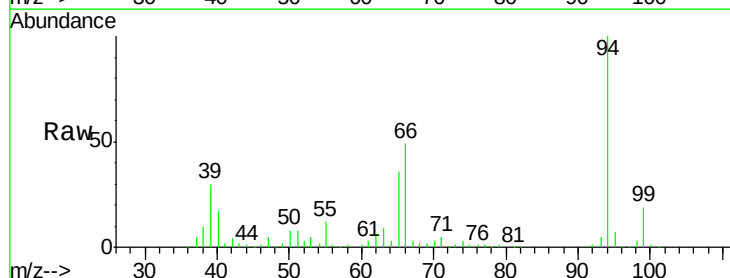
Tgt Ion: 94 Resp: 212256

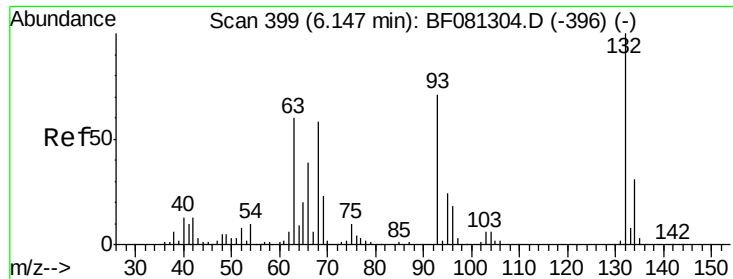
Ion Ratio Lower Upper

94 100

65 35.9 0.7 40.7

66 48.5 0.8 40.8#

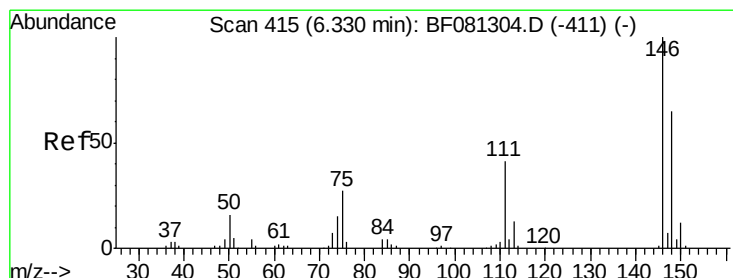
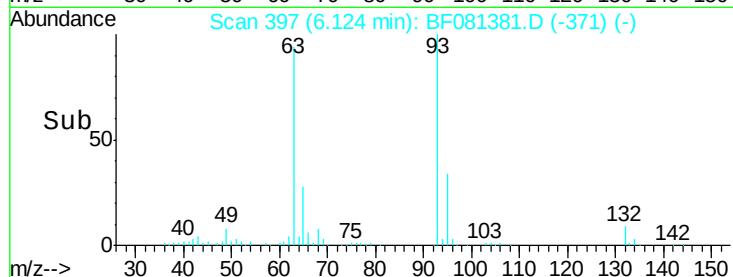
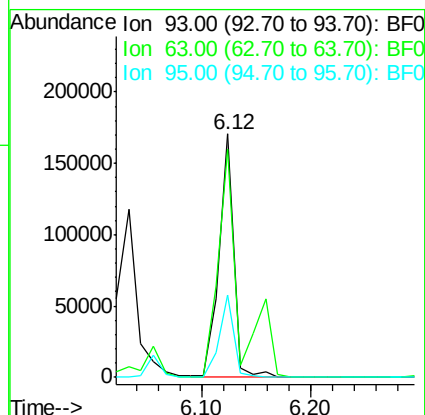
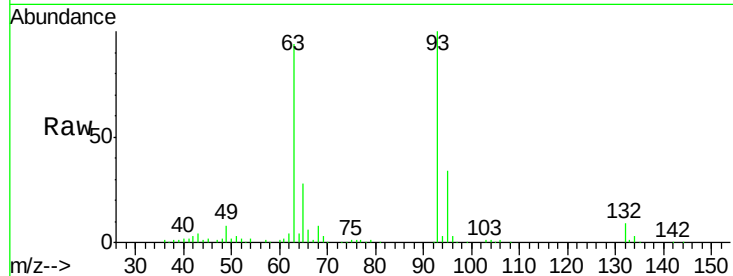




#11
bis(2-Chloroethyl)ether
Concen: 40.54 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

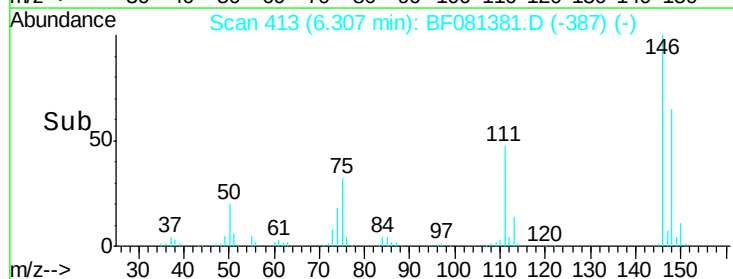
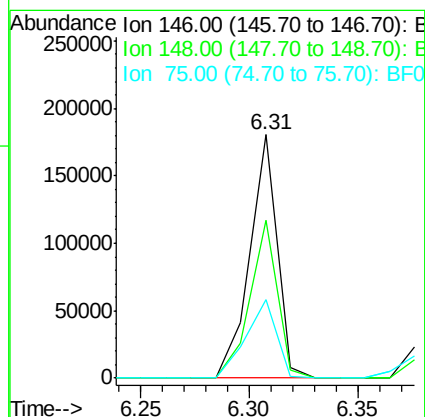
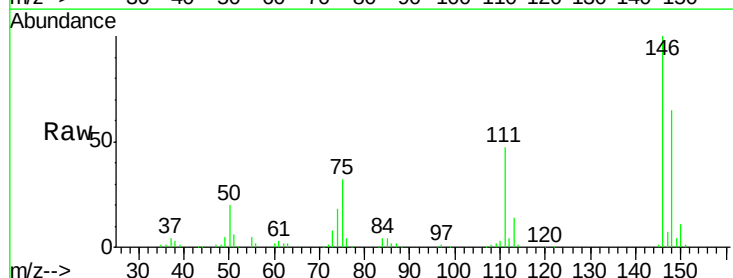
Instrument :
BNA_F
ClientSampleId :
PB85360BS

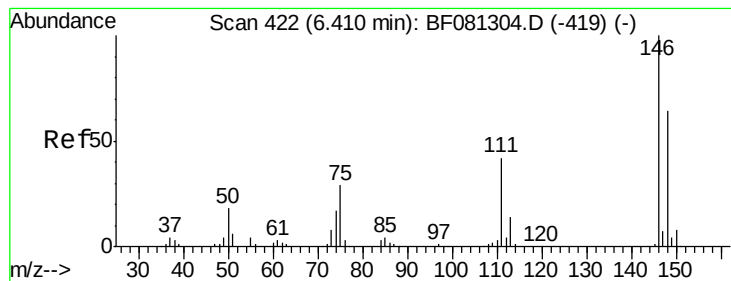
Tot Ion: 93 Resp: 165704
Ion Ratio Lower Upper
93 100
63 94.0 65.6 105.6
95 33.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.39 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion: 146 Resp: 158125
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 32.3 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 36.72 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

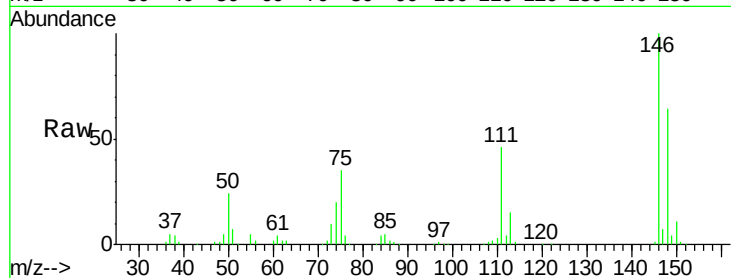
Tot Ion:146 Resp: 162450

Ion Ratio Lower Upper

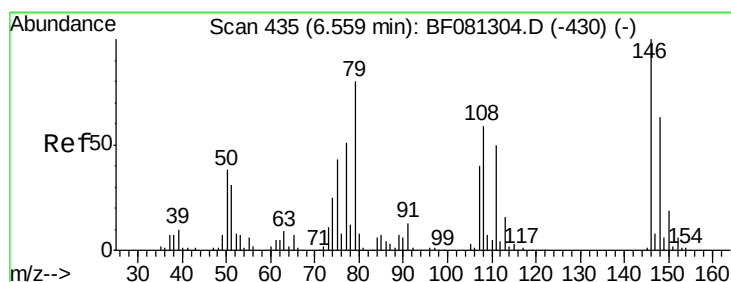
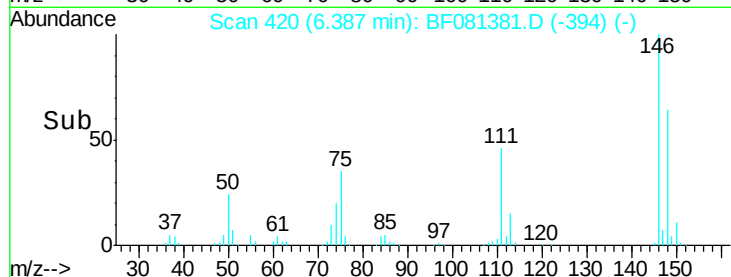
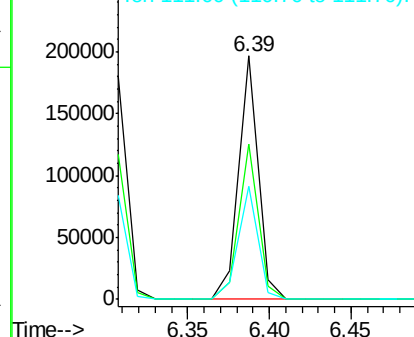
146 100

148 63.7 51.8 77.6

111 46.3 24.9 37.3#



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



#14

1,2-Dichlorobenzene

Concen: 33.97 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

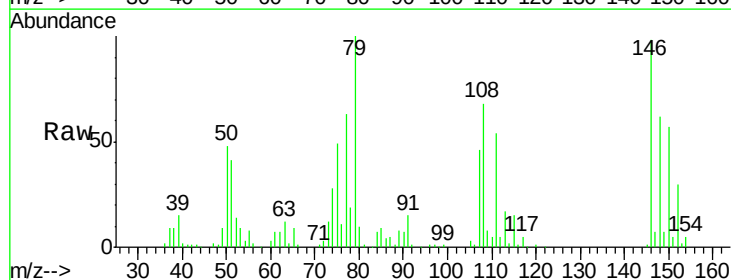
Tgt Ion:146 Resp: 135307

Ion Ratio Lower Upper

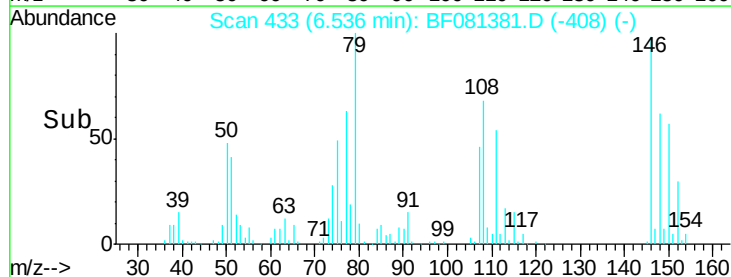
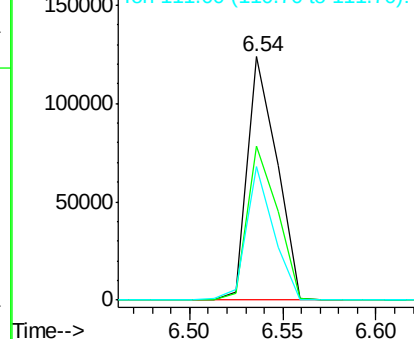
146 100

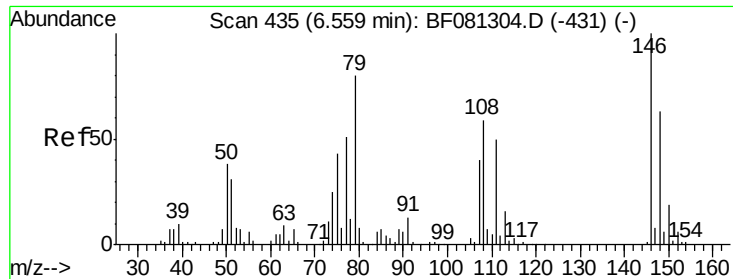
148 63.4 52.7 79.1

111 54.7 28.8 43.2#



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

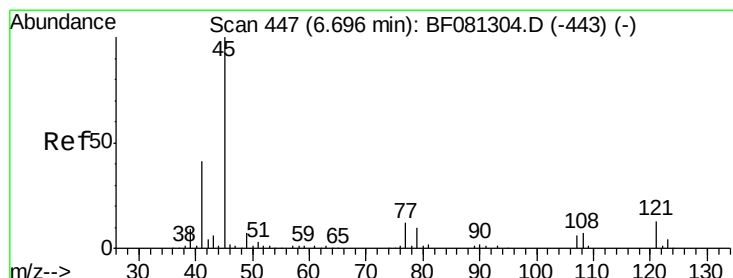
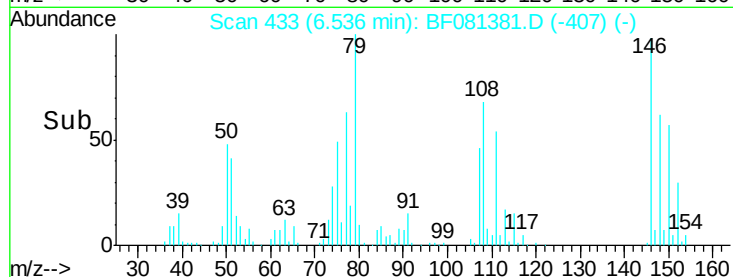
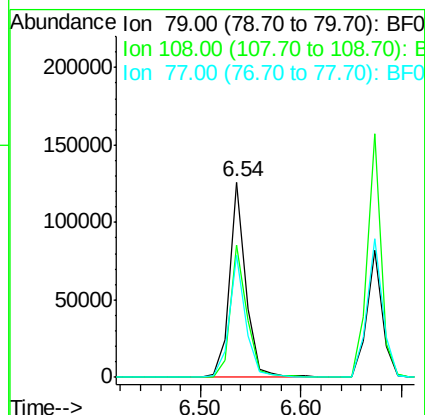
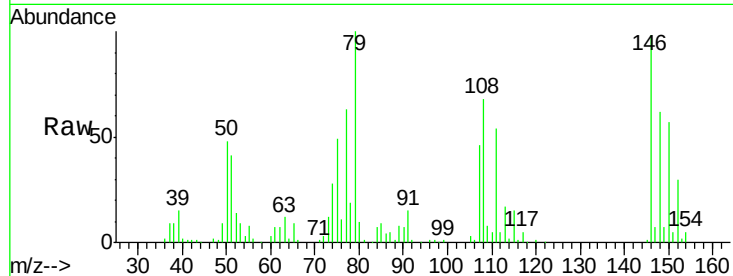




#15
Benzyl Alcohol
Concen: 35.76 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

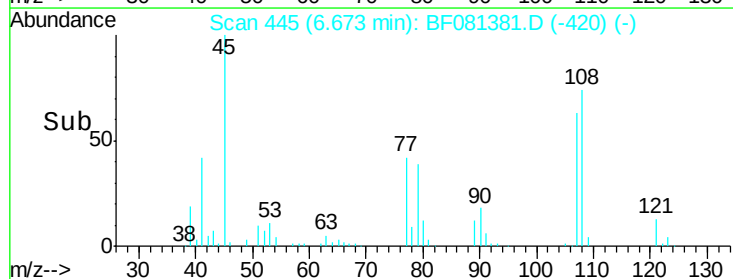
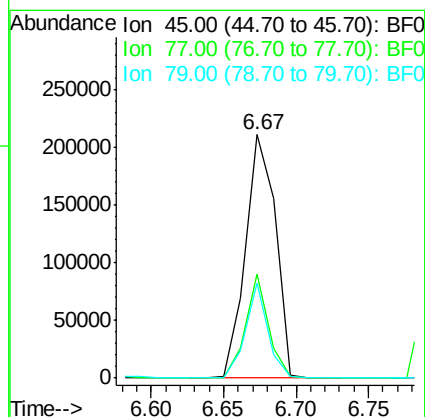
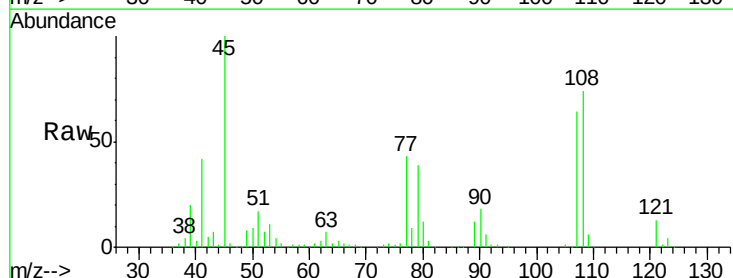
Instrument :
BNA_F
ClientSampleId :
PB85360BS

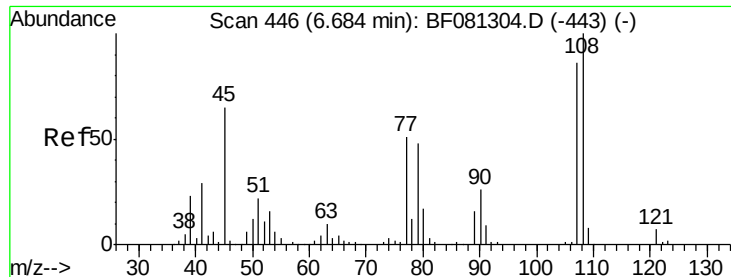
Tot Ion: 79 Resp: 143305
Ion Ratio Lower Upper
79 100
108 67.7 88.6 132.8#
77 62.7 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.66 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion: 45 Resp: 302887
Ion Ratio Lower Upper
45 100
77 42.5 0.0 28.1#
79 38.9 0.0 26.0#

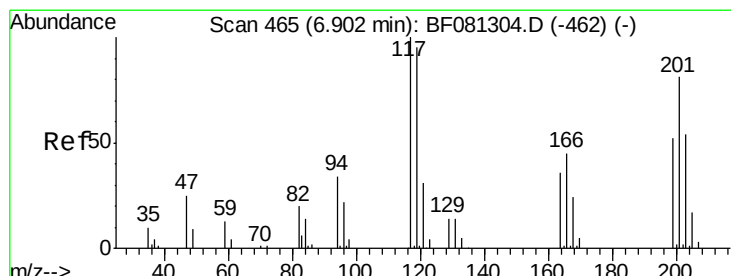
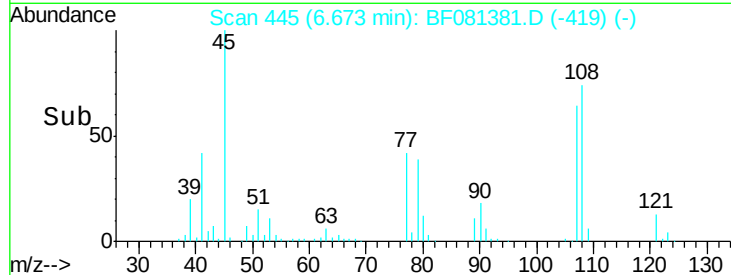
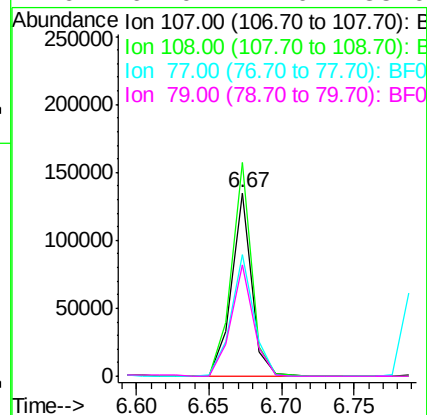
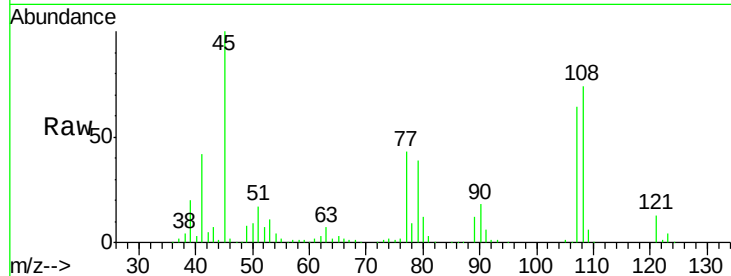




#17
 2-Methylphenol
 Concen: 39.84 ng
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

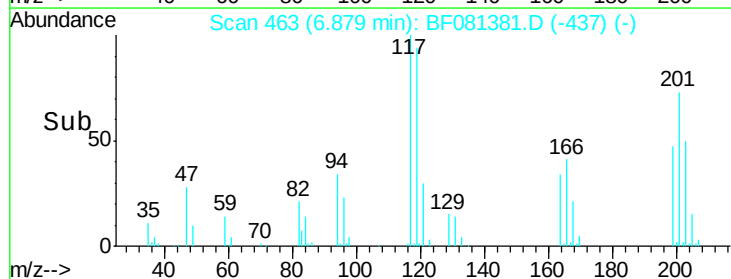
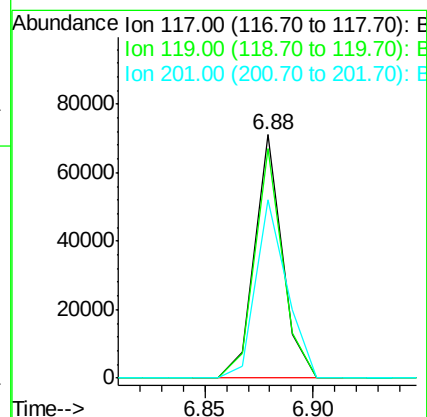
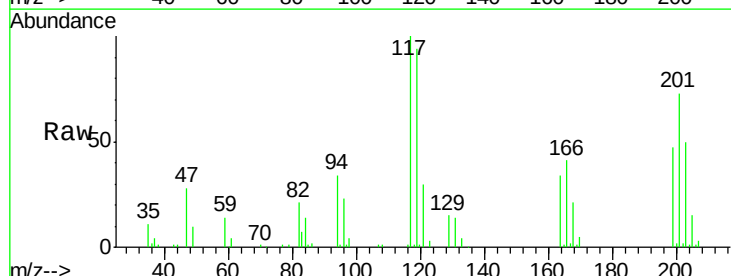
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

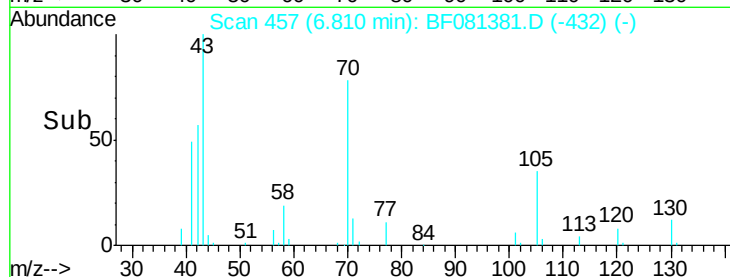
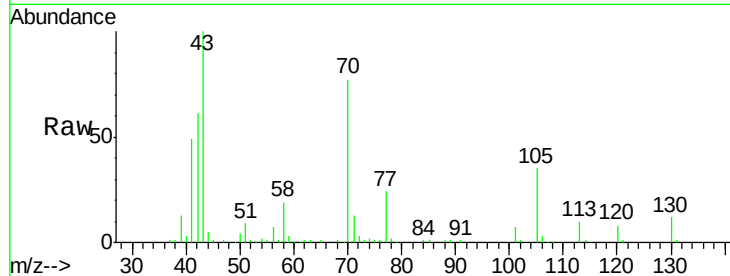
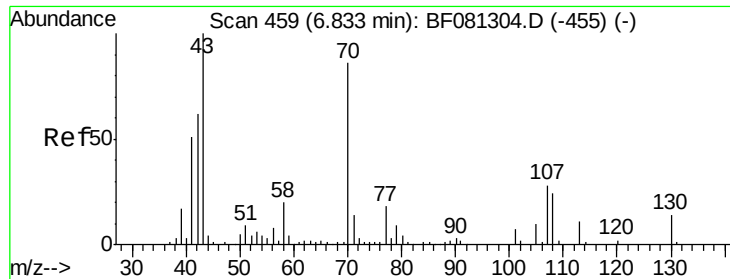
Tot Ion:	107	Resp:	129298
Ion	Ratio	Lower	Upper
107	100		
108	116.6	96.6	145.0
77	66.6	23.3	34.9#
79	61.0	22.0	33.0#



#18
 Hexachloroethane
 Concen: 36.50 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:	117	Resp:	62831
Ion	Ratio	Lower	Upper
117	100		
119	94.5	83.8	125.6
201	73.0	55.1	82.7

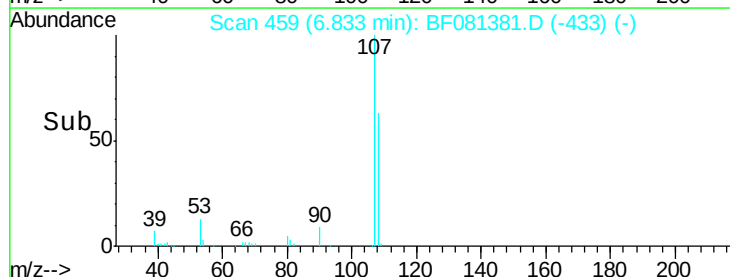
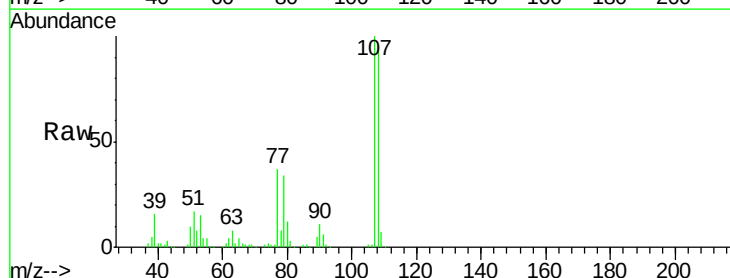
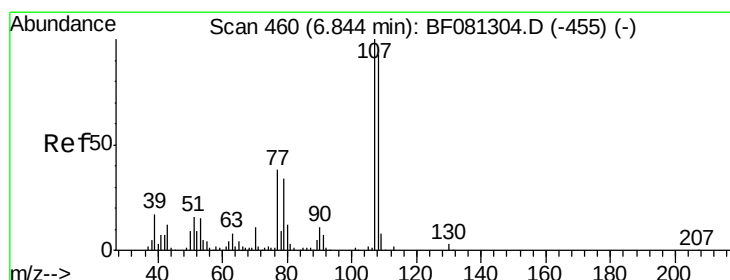
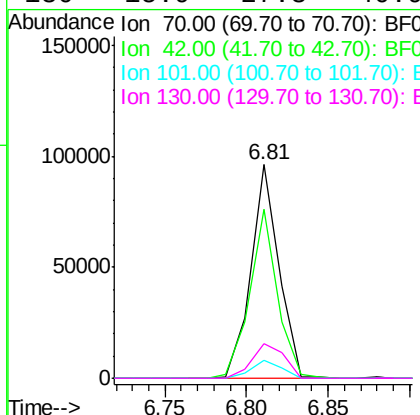




#19
n-Nitroso-di-n-propylamine
Concen: 34.35 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

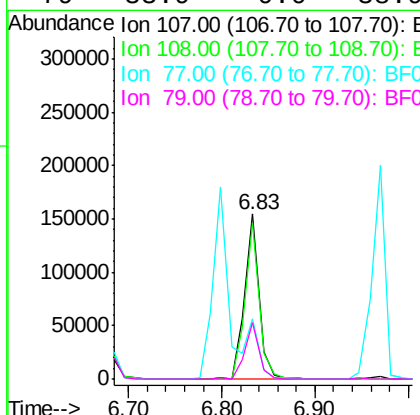
Instrument :
BNA_F
ClientSampleId :
PB85360BS

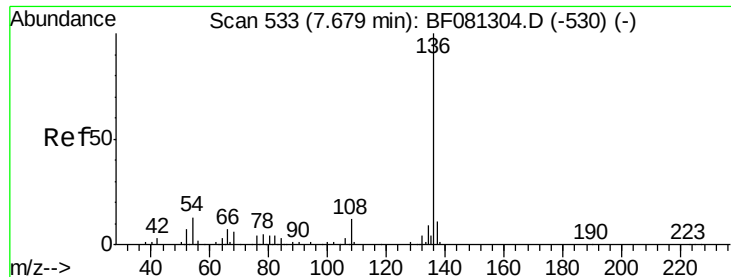
Tot Ion: 70 Resp: 114198
Ion Ratio Lower Upper
70 100
42 78.9 63.8 95.6
101 8.5 9.2 13.8#
130 15.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 38.44 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion:107 Resp: 168199
Ion Ratio Lower Upper
107 100
108 95.1 74.6 114.6
77 36.8 0.7 40.7
79 33.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

Tot Ion:136 Resp: 222958

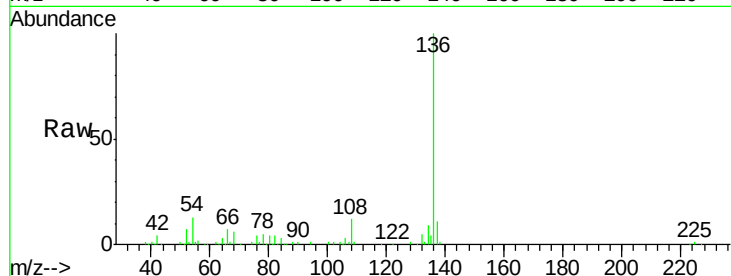
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 13.3 8.2 12.2#

68 6.1 5.8 8.6

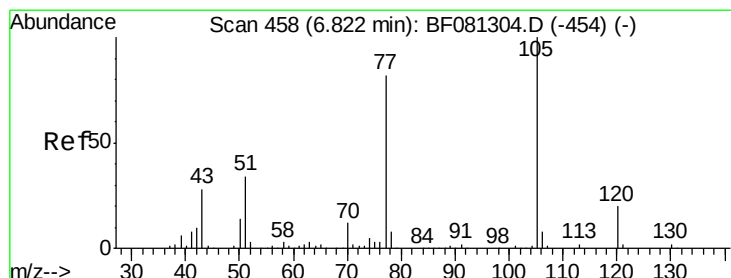
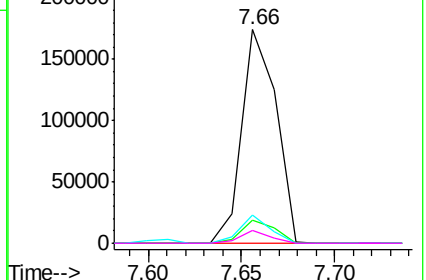
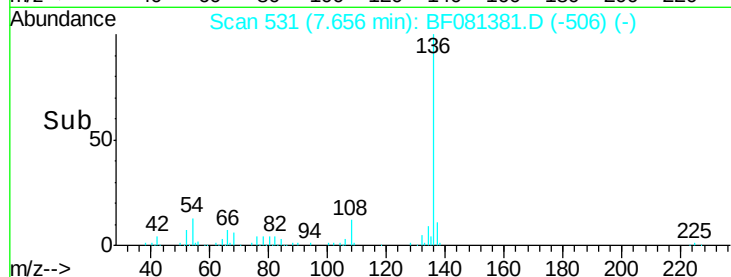


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.14 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Tgt Ion:105 Resp: 232242

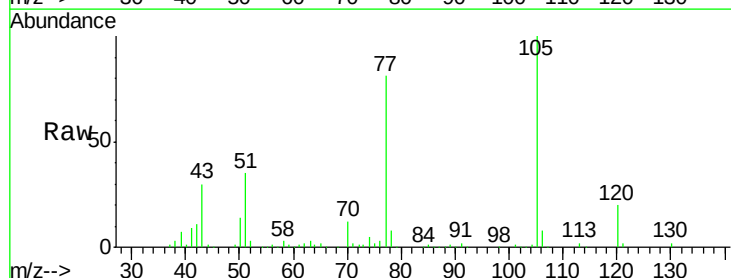
Ion Ratio Lower Upper

105 100

71 2.2 4.7 7.1#

51 35.1 22.0 33.0#

120 19.5 30.1 45.1#

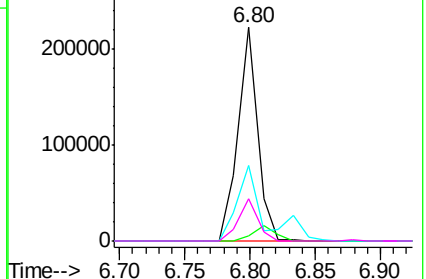
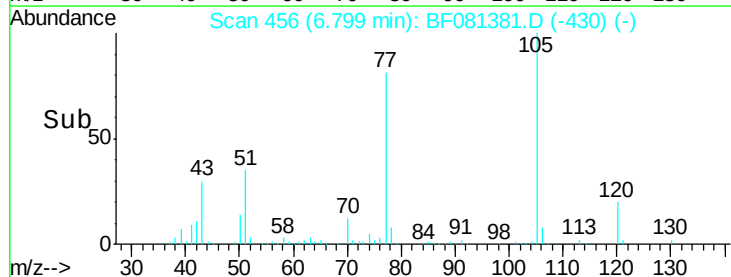


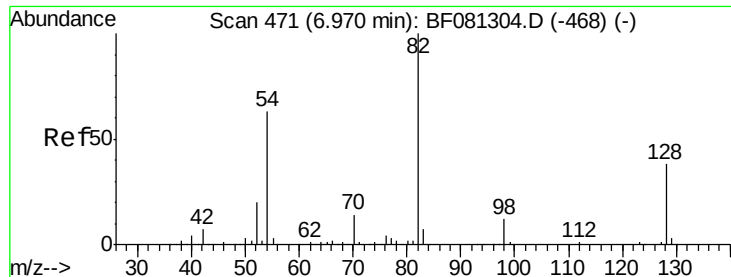
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

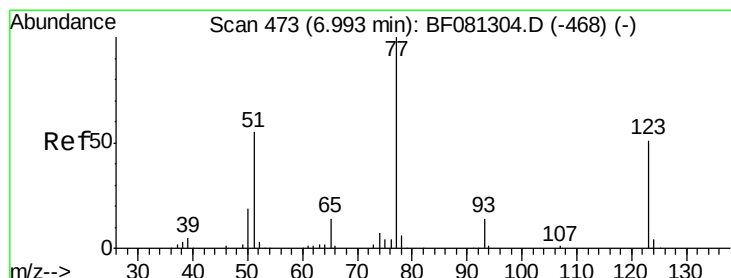
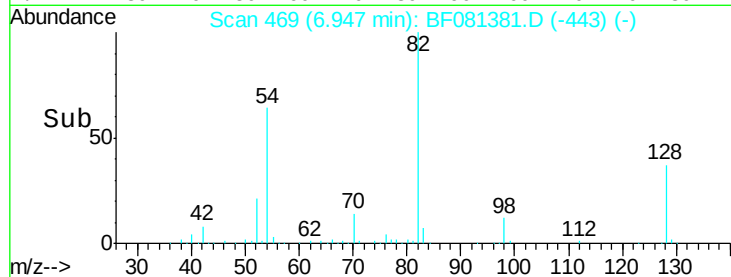
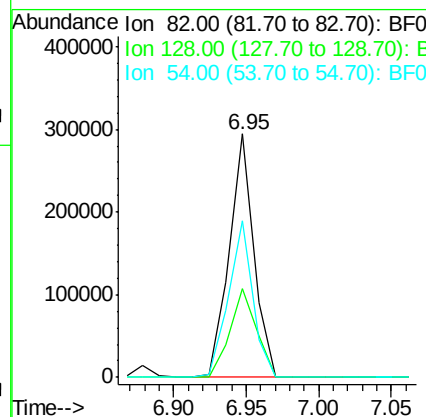
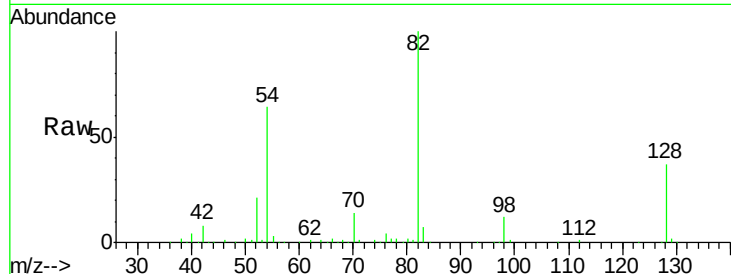




#23
 Nitrobenzene-d5
 Concen: 75.02 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

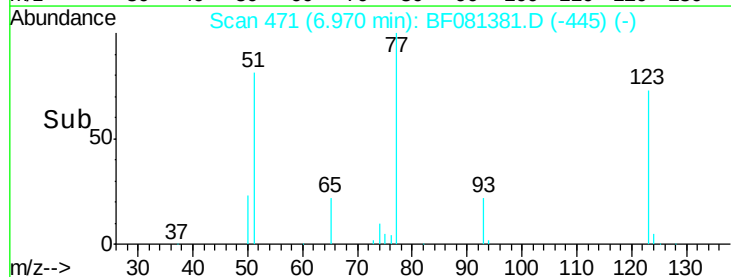
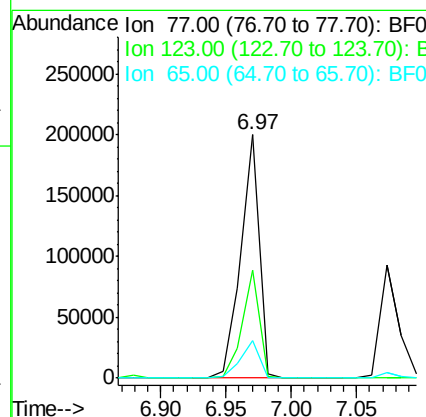
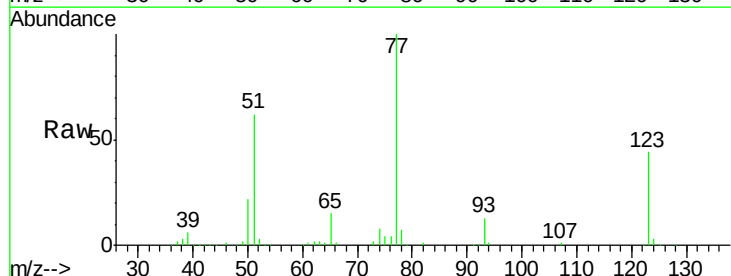
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

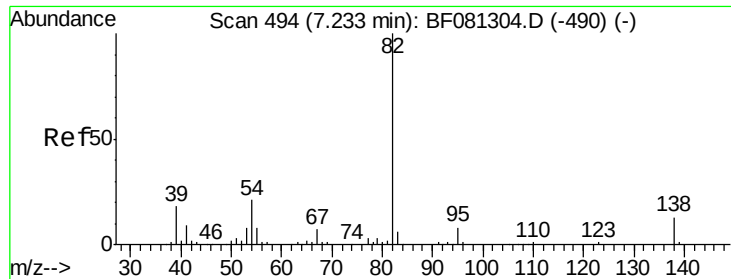
Tot Ion	82	Resp	346701
Ion Ratio	Lower	Upper	
82	100		
128	36.5	51.0	76.6#
54	64.1	47.5	71.3



#24
 Nitrobenzene
 Concen: 40.81 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion	77	Resp	195868
Ion Ratio	Lower	Upper	
77	100		
123	44.4	59.8	89.8#
65	15.3	10.2	15.4





#25

Isophorone

Concen: 35.87 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

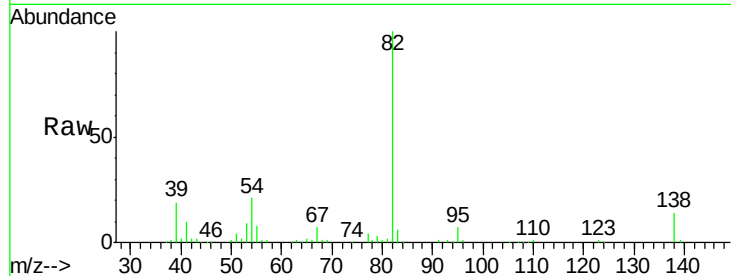
Tot Ion: 82 Resp: 308339

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

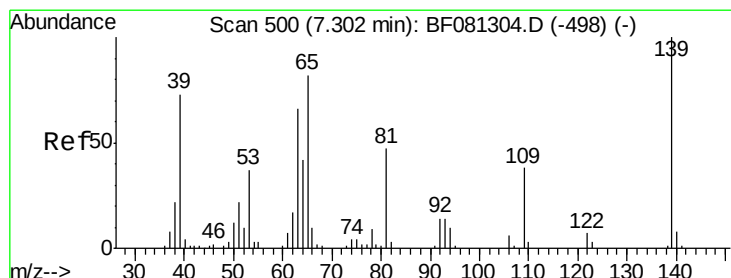
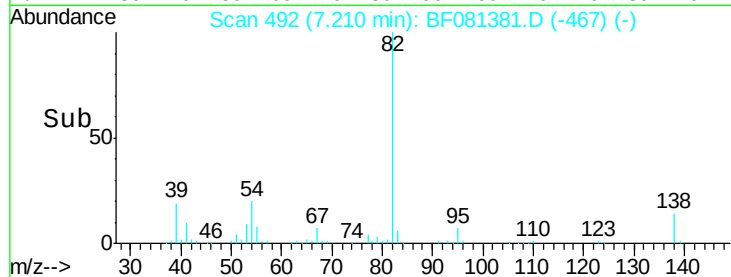
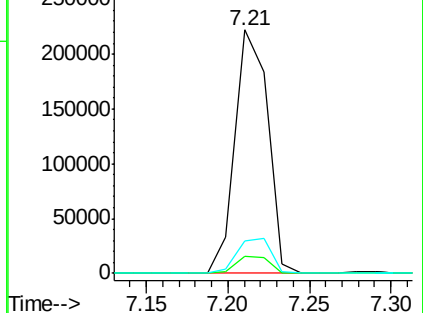
138 13.5 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.87 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

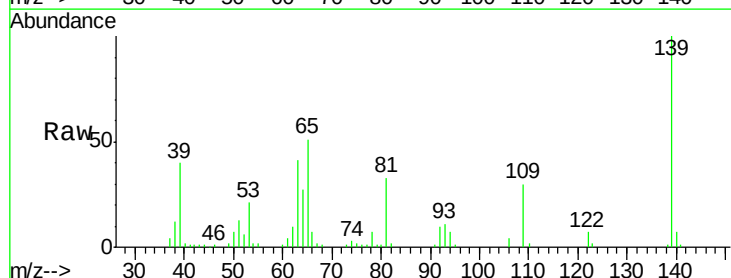
Tgt Ion: 139 Resp: 81300

Ion Ratio Lower Upper

139 100

109 30.1 11.0 16.4#

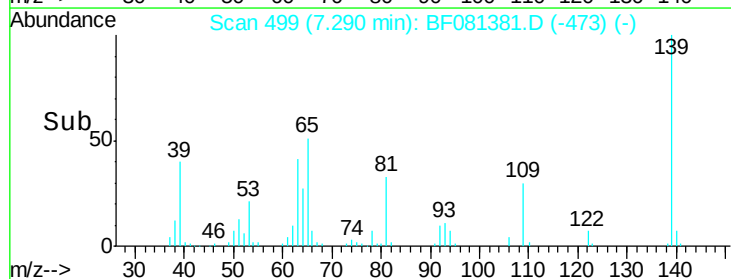
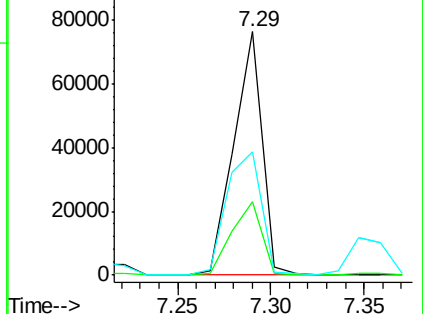
65 50.5 24.7 37.1#

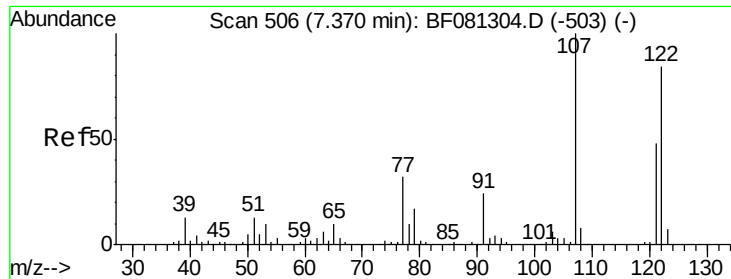


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.91 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

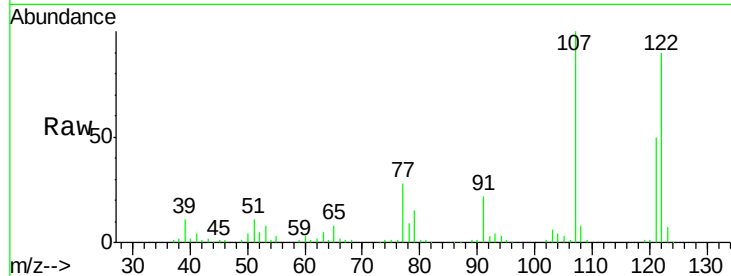
Tot Ion:122 Resp: 140578

Ion Ratio Lower Upper

122 100

107 111.6 71.8 107.6#

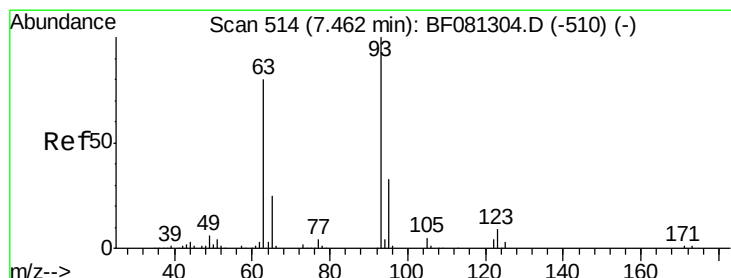
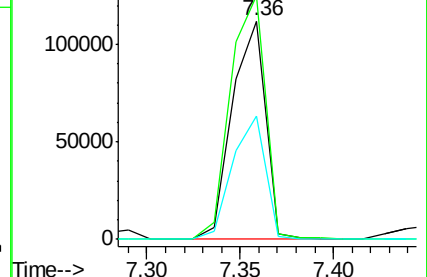
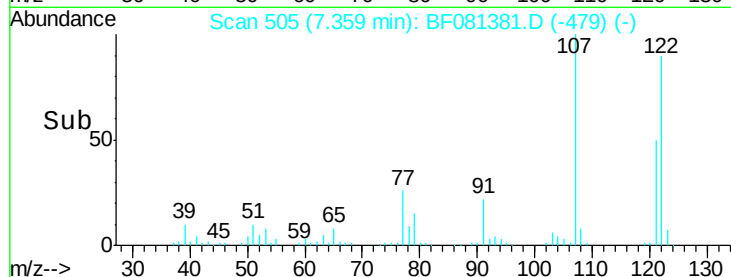
121 56.2 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.06 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

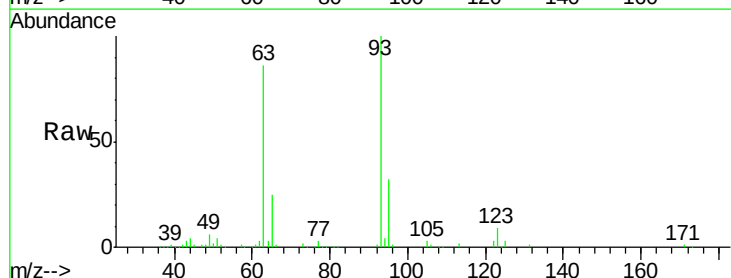
Tgt Ion: 93 Resp: 183989

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

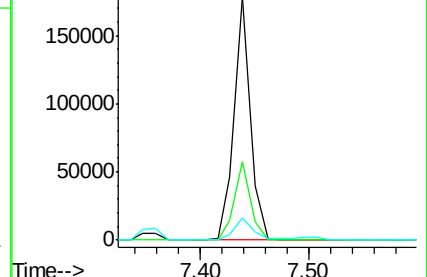
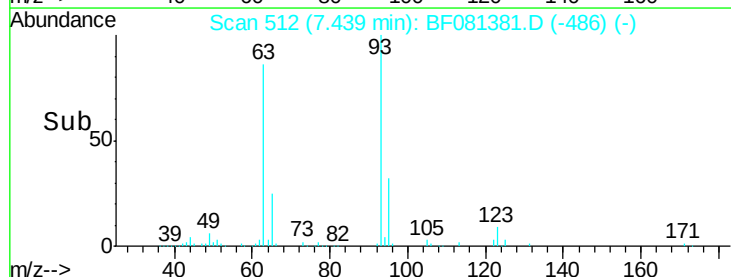
123 8.9 13.7 20.5#

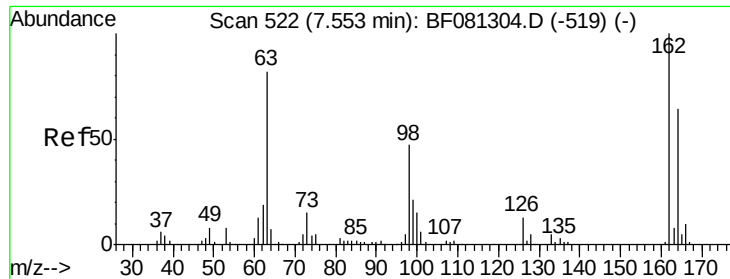


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

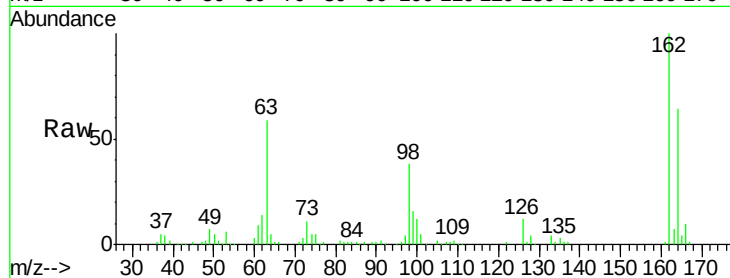




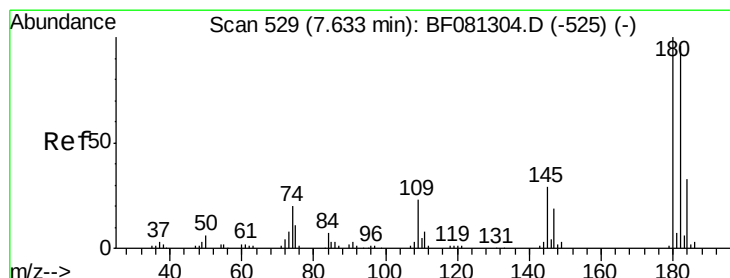
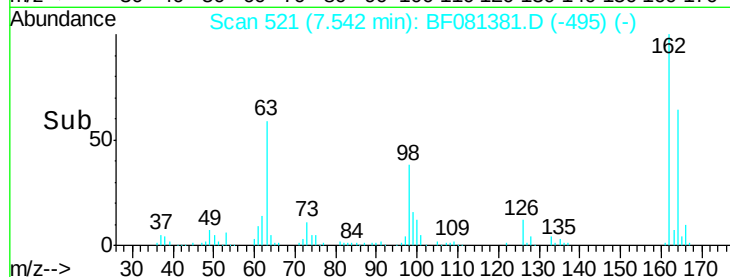
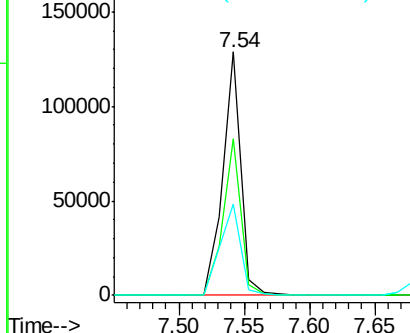
#29
2,4-Dichlorophenol
Concen: 39.90 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB85360BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	37.7	13.0	53.0

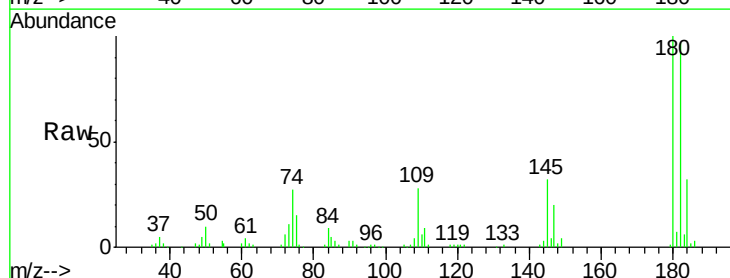


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

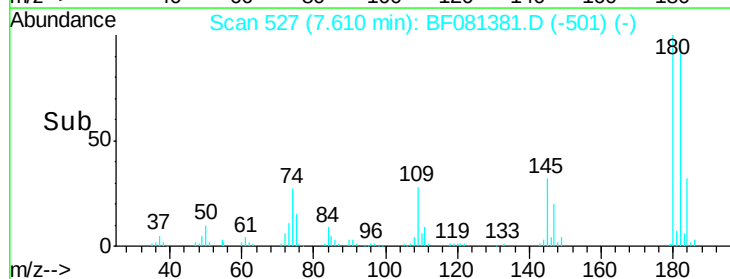
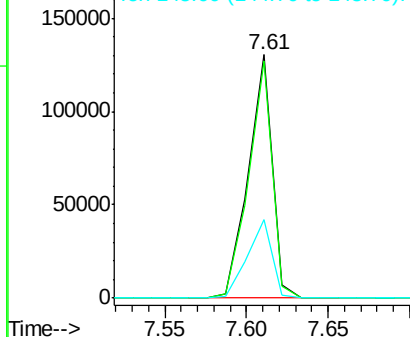


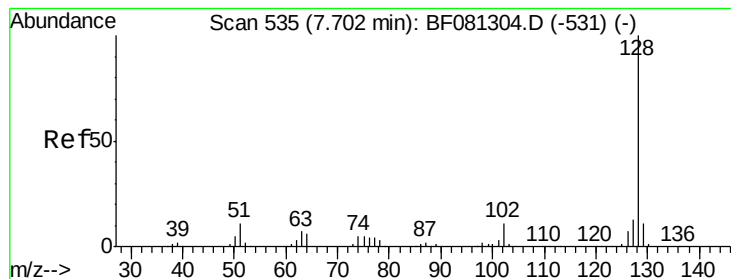
#30
1,2,4-Trichlorobenzene
Concen: 38.92 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.1	115.7
145	32.4	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: 34.62 ng

RT: 7.68 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

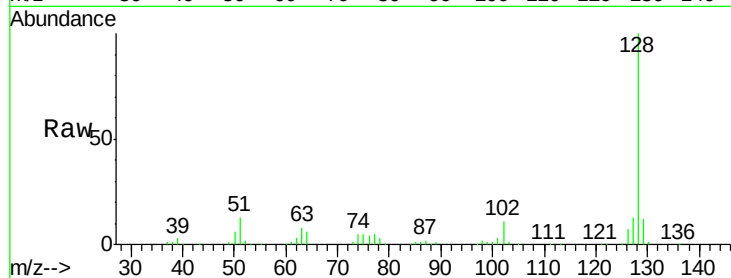
Tot Ion:128 Resp: 411660

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

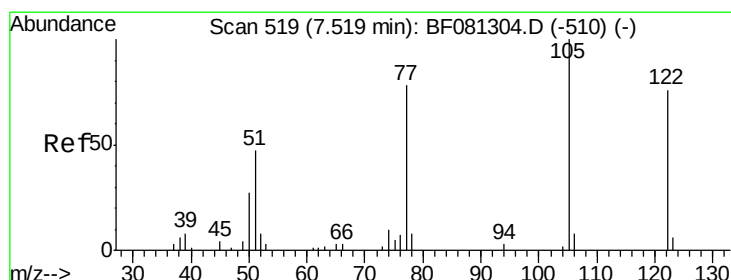
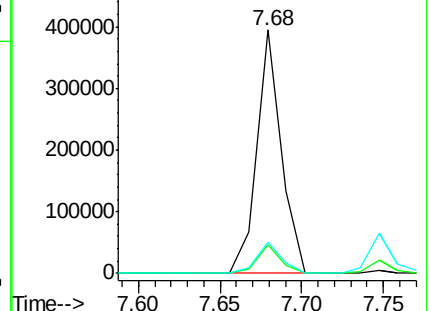
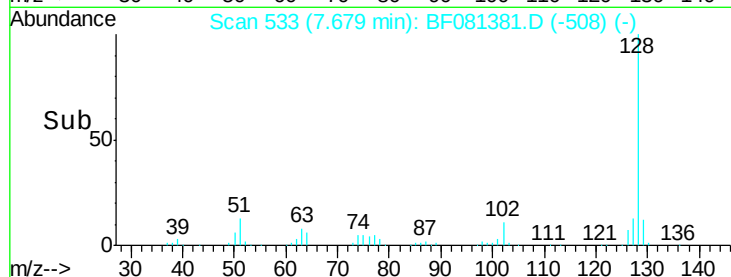
127 12.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.58 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

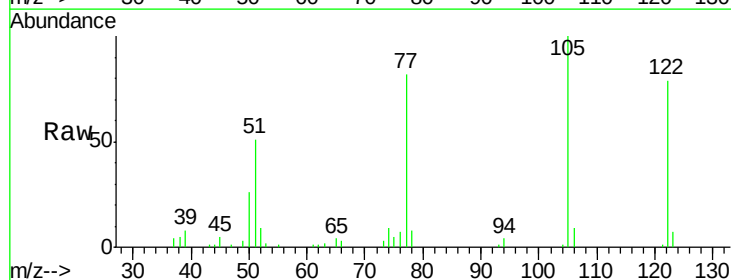
Tgt Ion:122 Resp: 73635

Ion Ratio Lower Upper

122 100

105 127.1 76.1 116.1#

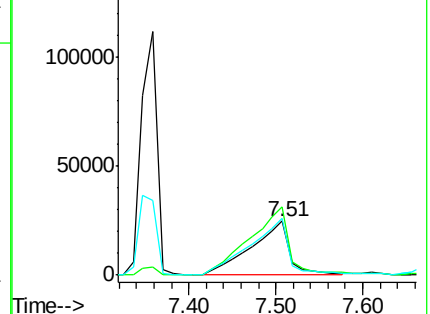
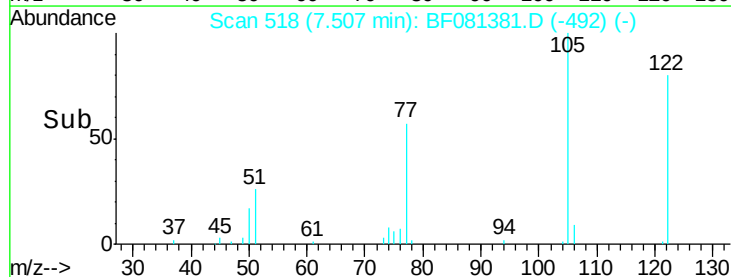
77 104.1 40.5 80.5#

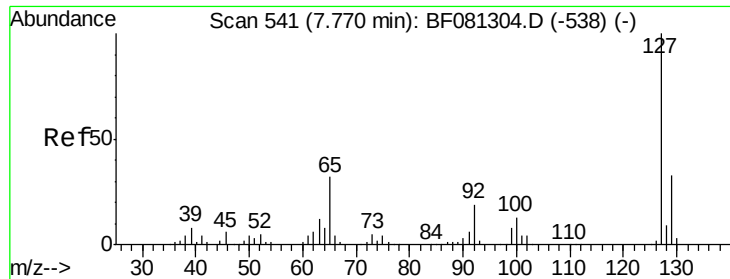


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

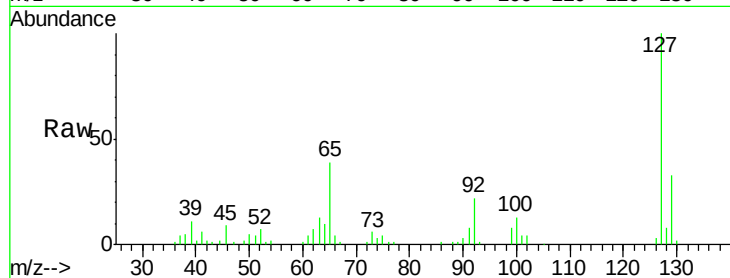




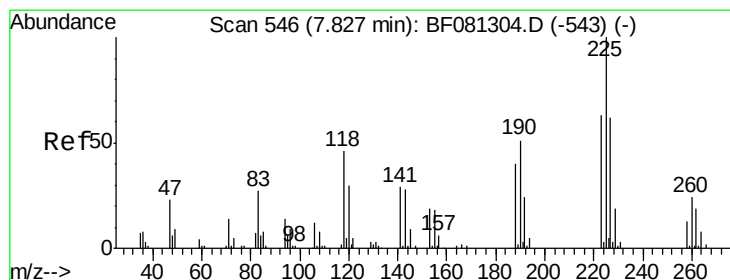
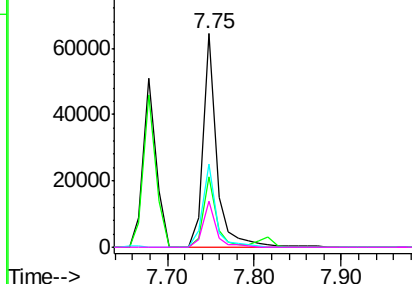
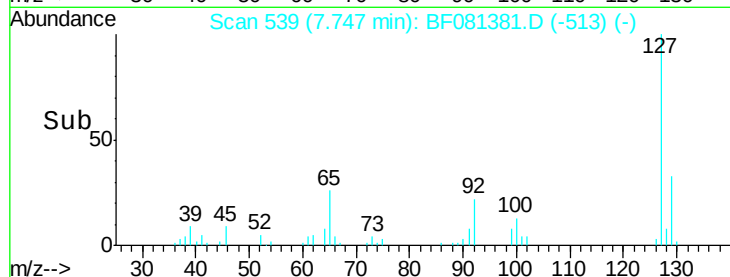
#33
4-Chloroaniline
Concen: 14.38 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB85360BS

Tot Ion:	127	Resp:	69749
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	38.8	17.9	26.9#
92	21.6	10.5	15.7#

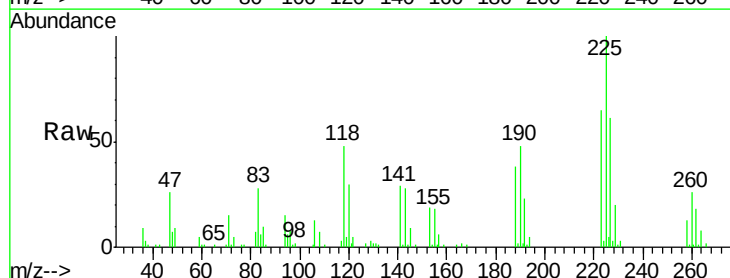


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

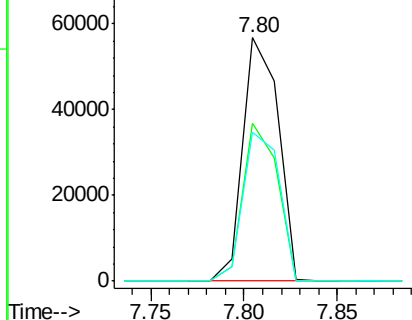
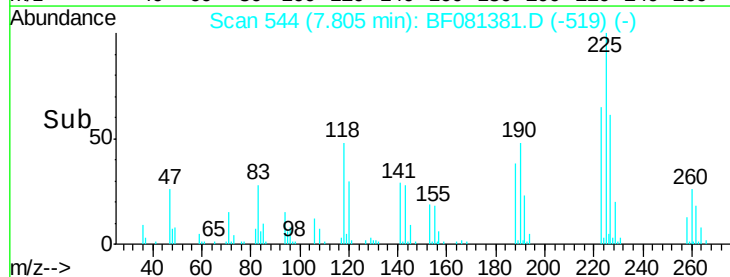


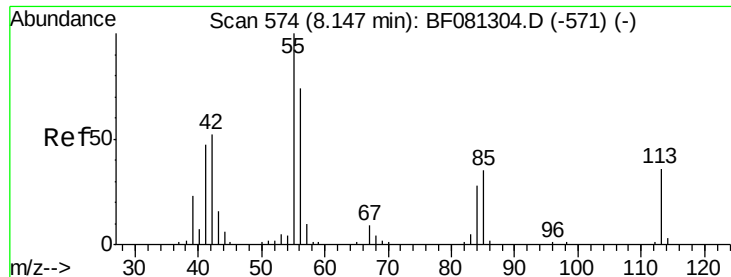
#34
Hexachlorobutadiene
Concen: 36.08 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion:	225	Resp:	74726
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.2
227	61.3	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: 26.85 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampled :

PB85360BS

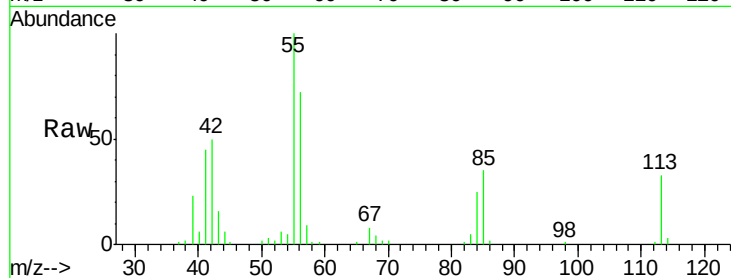
Tot Ion:113 Resp: 25794

Ion Ratio Lower Upper

113 100

55 299.2 152.4 192.4#

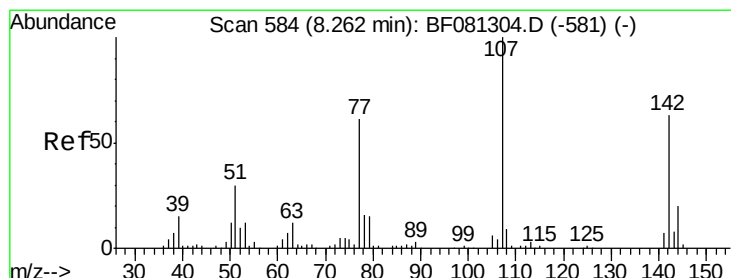
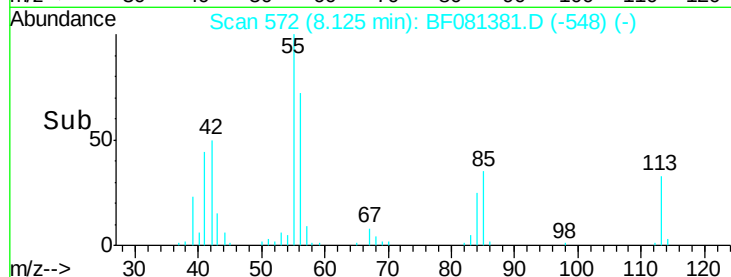
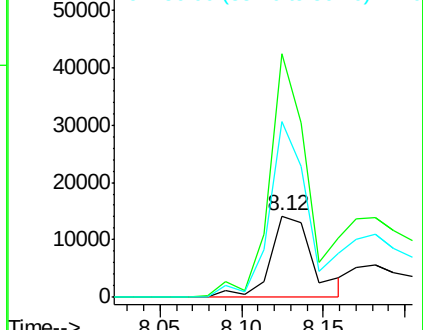
56 216.1 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.92 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

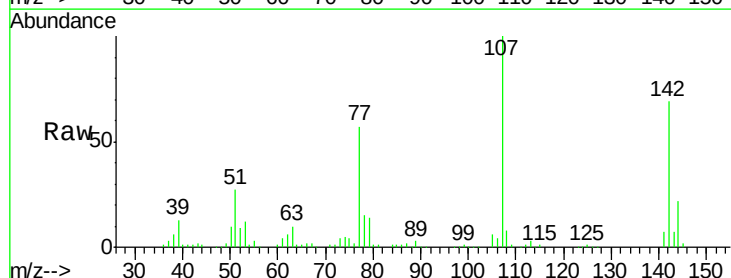
Tgt Ion:107 Resp: 150517

Ion Ratio Lower Upper

107 100

144 21.9 25.4 38.0#

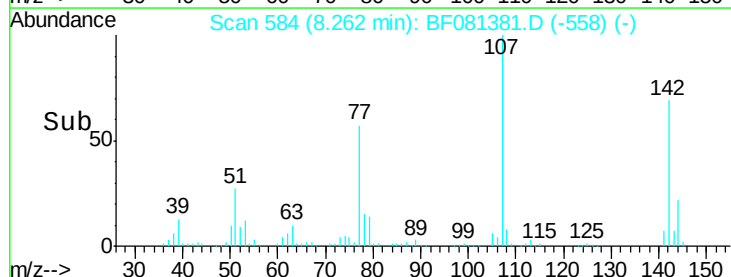
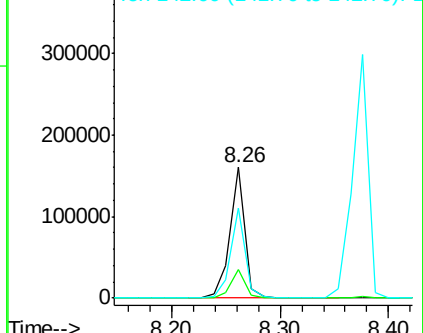
142 69.4 77.3 115.9#

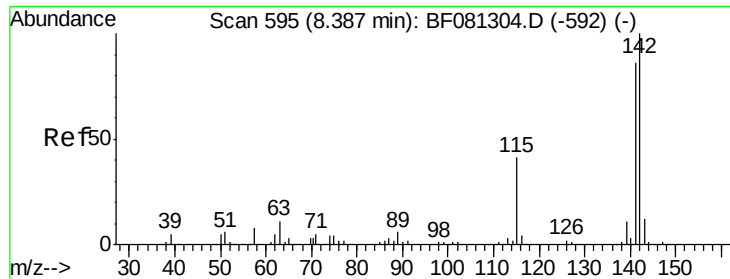


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

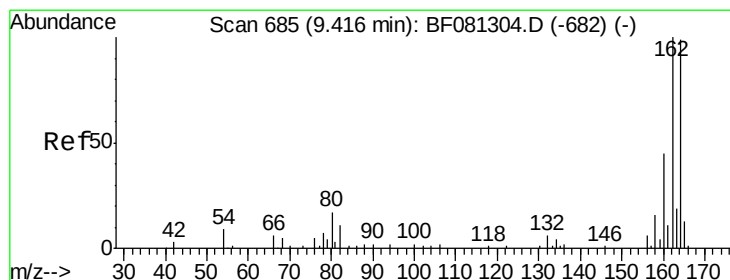
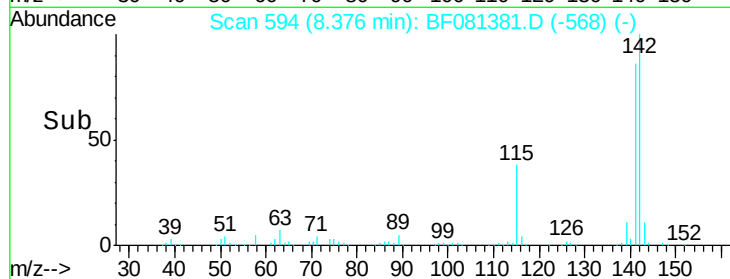
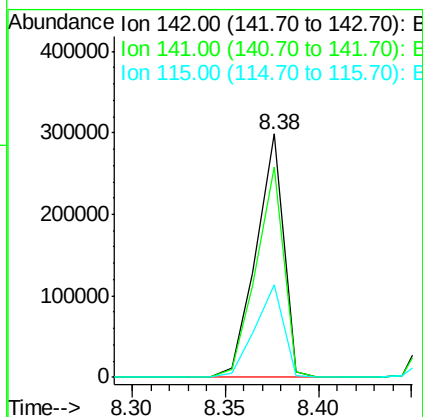
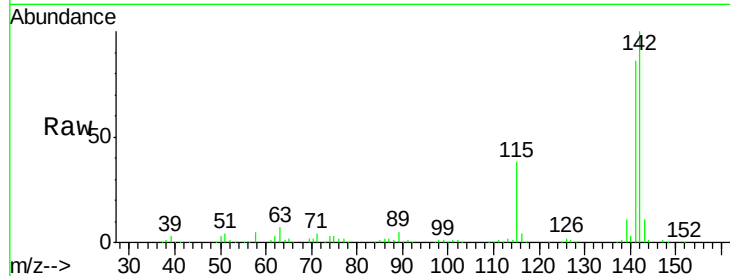




#37
2-Methylnaphthalene
Concen: 39.55 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

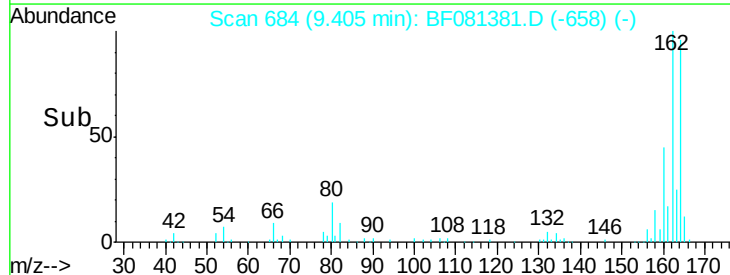
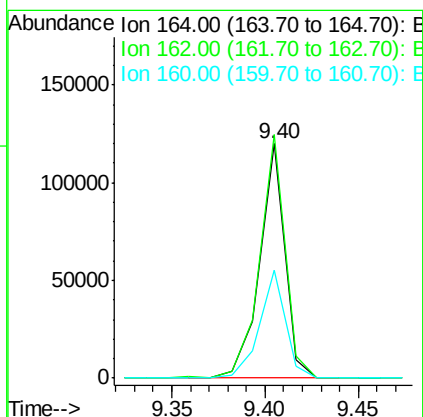
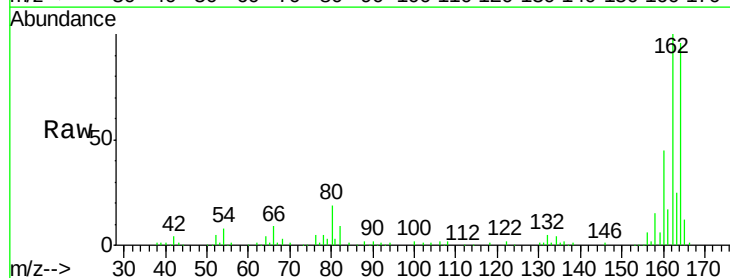
Instrument :
BNA_F
ClientSampleId :
PB85360BS

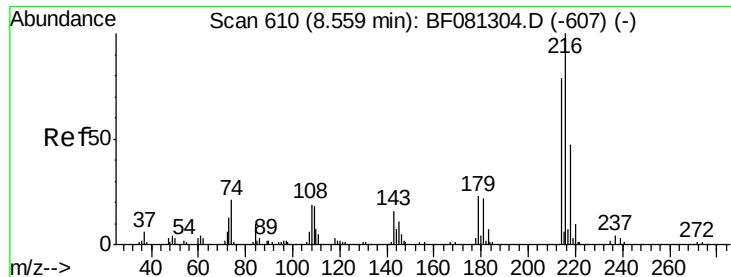
Tot Ion:142 Resp: 306051
Ion Ratio Lower Upper
142 100
141 86.2 67.5 101.3
115 37.9 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion:164 Resp: 110984
Ion Ratio Lower Upper
164 100
162 103.8 75.2 112.8
160 46.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.38 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

Tot Ion:216 Resp: 120678

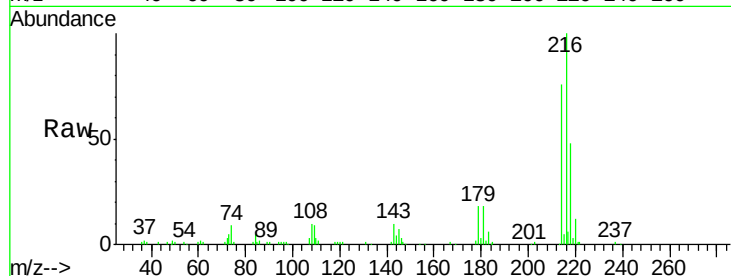
Ion Ratio Lower Upper

216 100

214 77.9 63.5 95.3

179 21.3 16.6 24.8

108 21.7 16.3 24.5

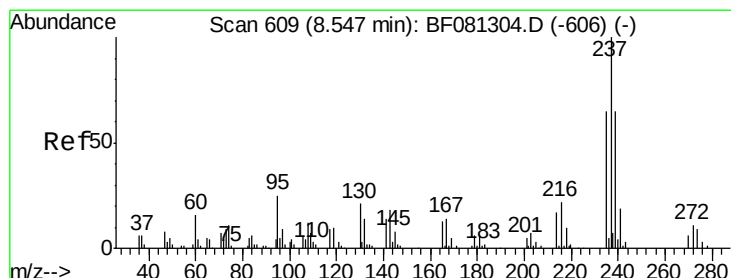
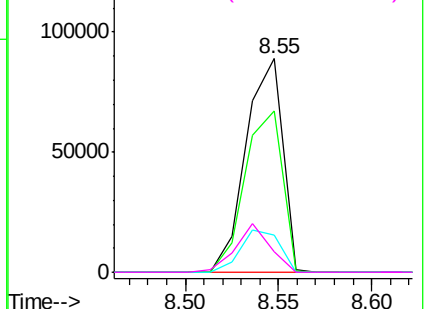
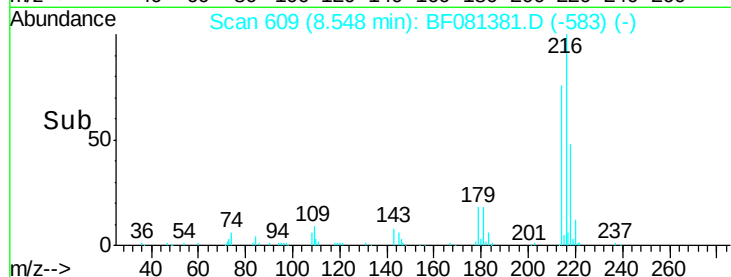


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 73.28 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

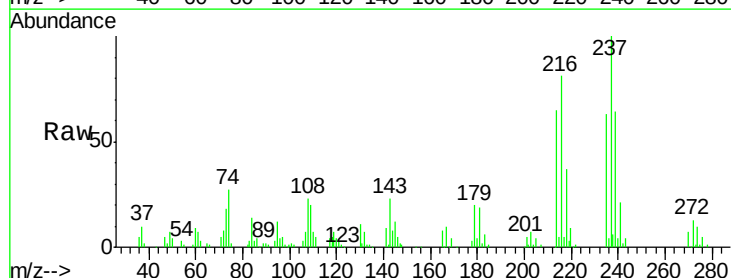
Tgt Ion:237 Resp: 126232

Ion Ratio Lower Upper

237 100

235 62.8 42.0 82.0

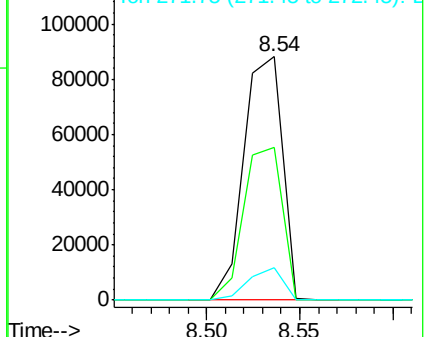
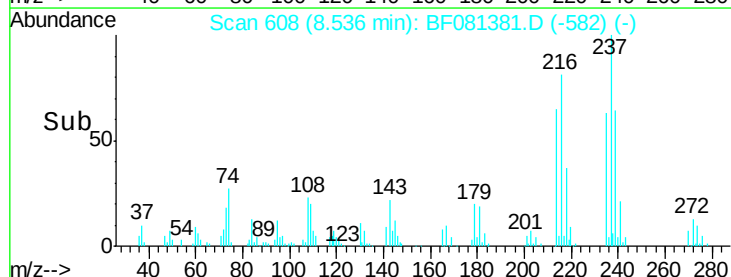
272 13.4 0.0 36.1

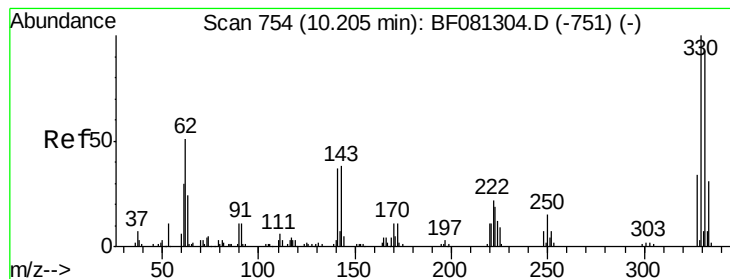


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 86.93 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

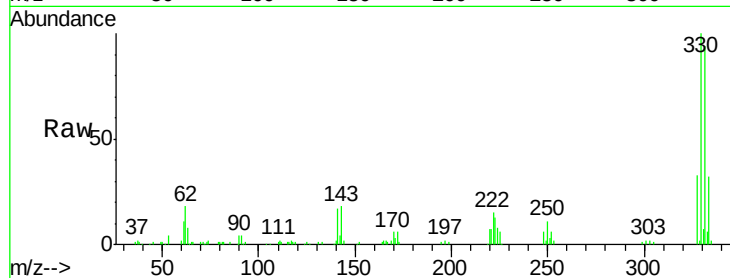
Tot Ion:330 Resp: 85909

Ion Ratio Lower Upper

330 100

332 94.4 76.6 114.8

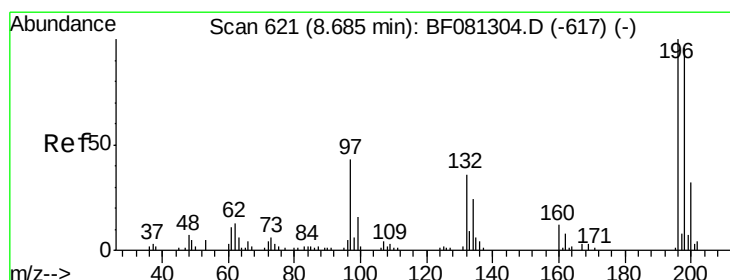
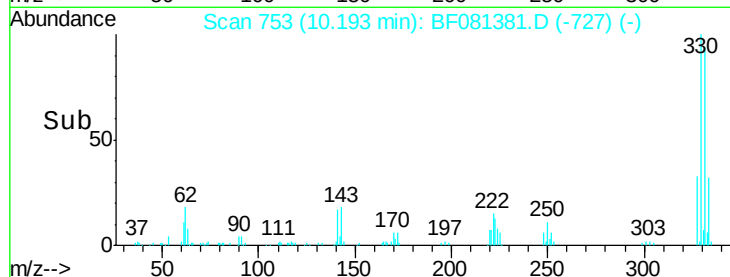
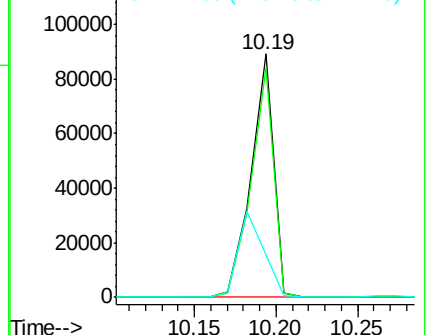
141 39.5 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.56 ng

RT: 8.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

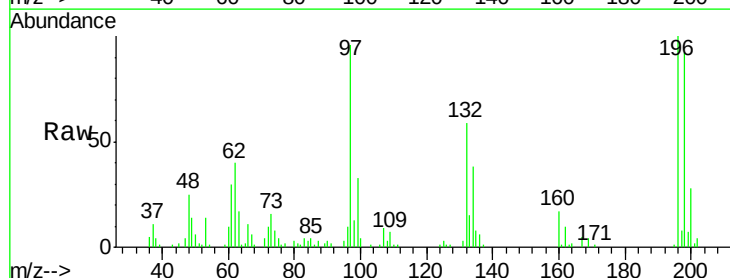
Tgt Ion:196 Resp: 83716

Ion Ratio Lower Upper

196 100

198 91.8 75.7 113.5

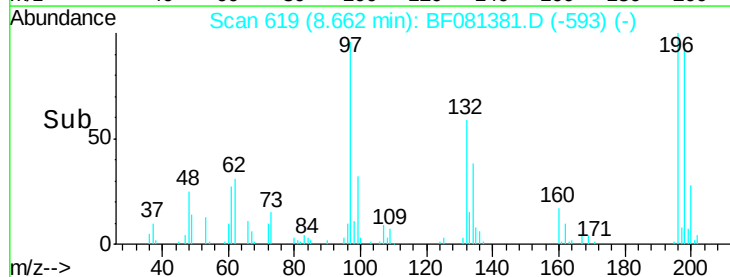
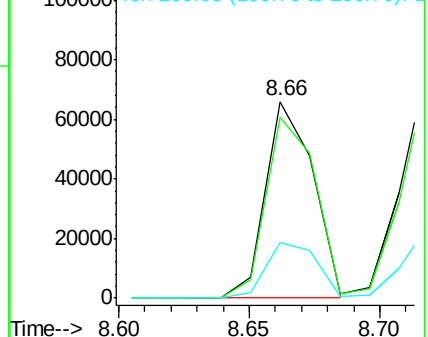
200 28.1 23.9 35.9

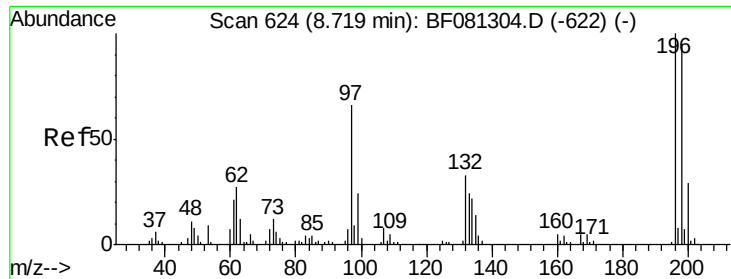


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

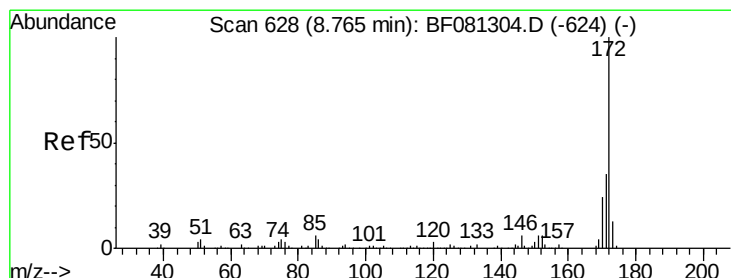
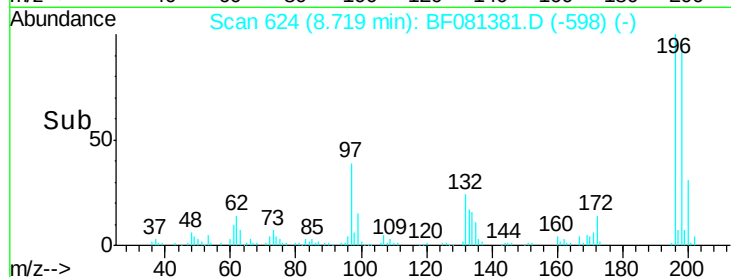
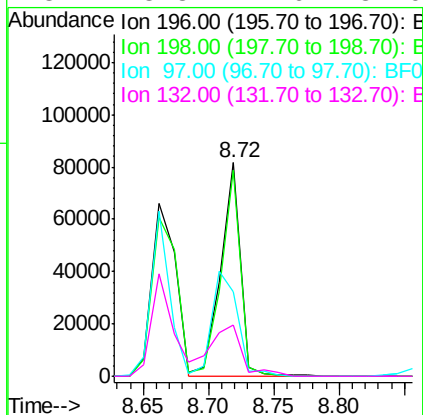
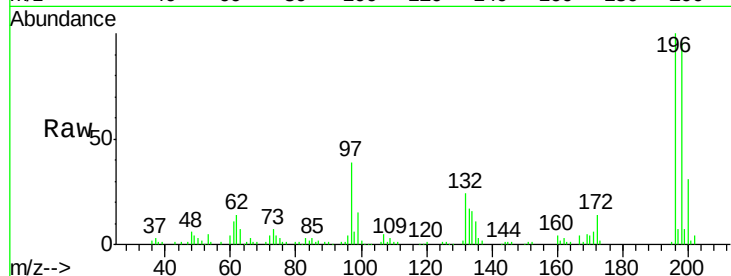




#43
 2,4,5-Trichlorophenol
 Concen: 35.10 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

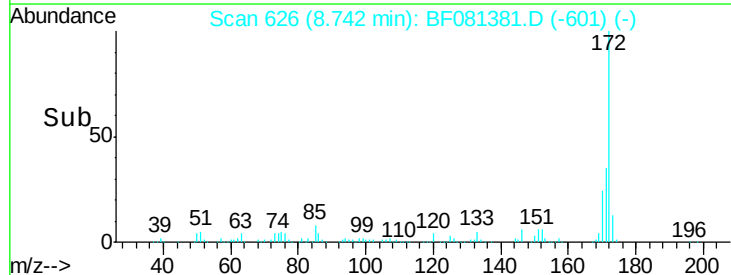
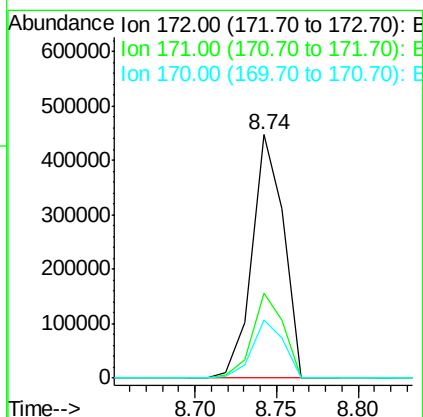
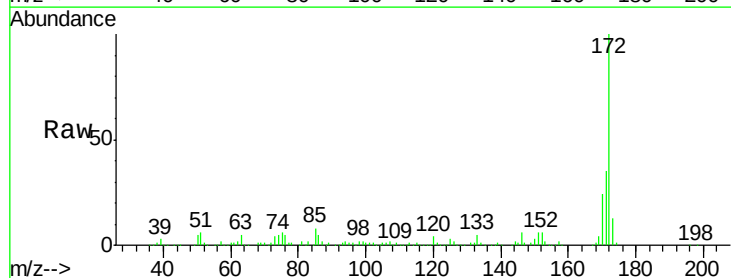
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

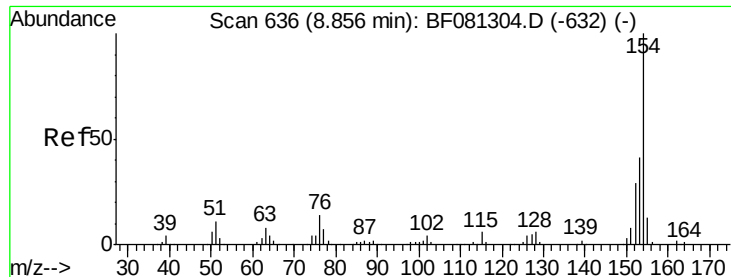
Tot Ion	196	Resp	86733
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.4	113.0
97	39.3	33.3	49.9
132	23.8	24.6	37.0



#44
 2-Fluorobiphenyl
 Concen: 69.23 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion	172	Resp	599574
Ion Ratio	Lower	Upper	
172	100		
171	35.0	26.1	39.1
170	23.9	17.4	26.2





#45

1,1'-Biphenyl

Concen: 36.92 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

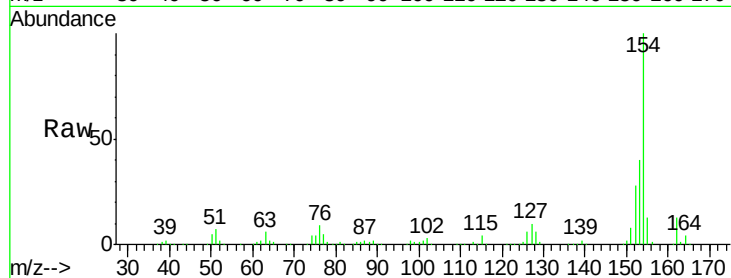
Tot Ion:154 Resp: 376989

Ion Ratio Lower Upper

154 100

153 40.0 17.1 57.1

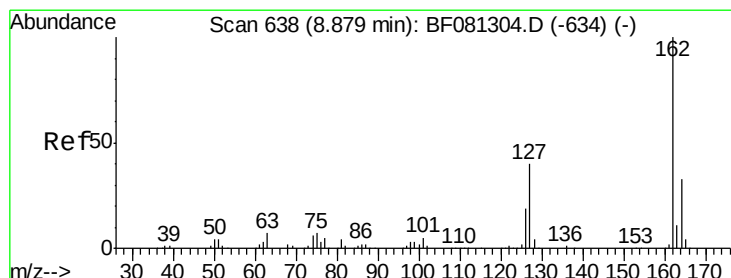
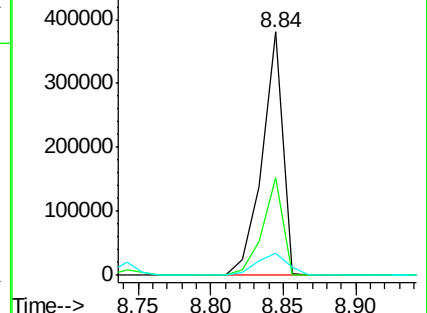
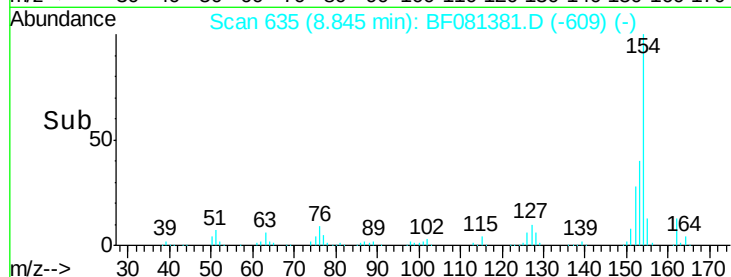
76 9.1 0.0 31.6



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: 34.71 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

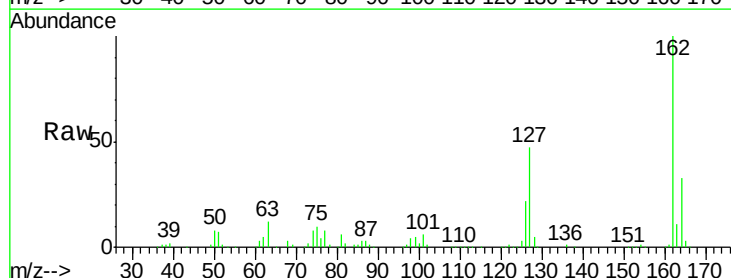
Tgt Ion:162 Resp: 255918

Ion Ratio Lower Upper

162 100

127 46.6 27.6 41.4#

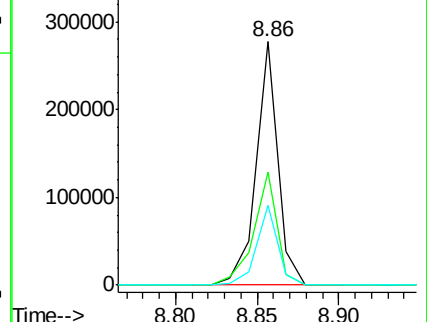
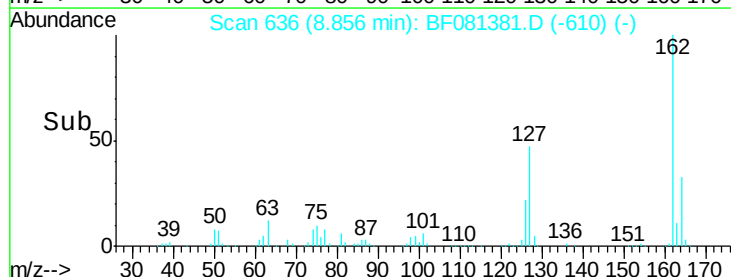
164 32.6 25.4 38.2

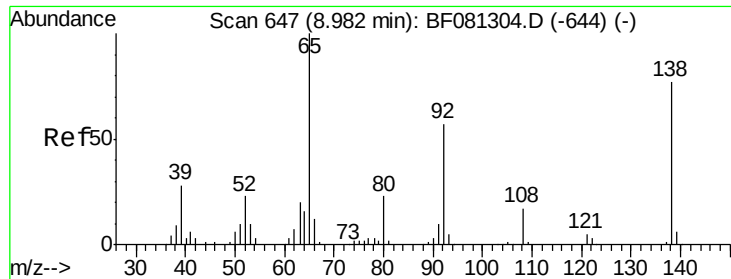


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

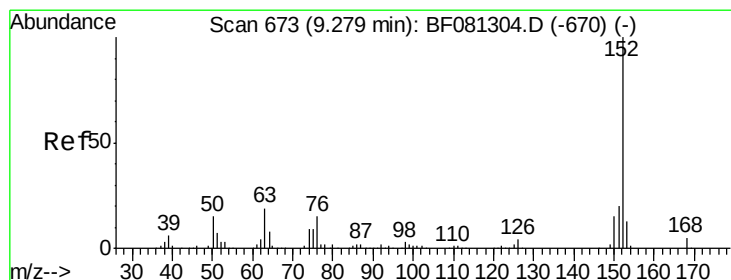
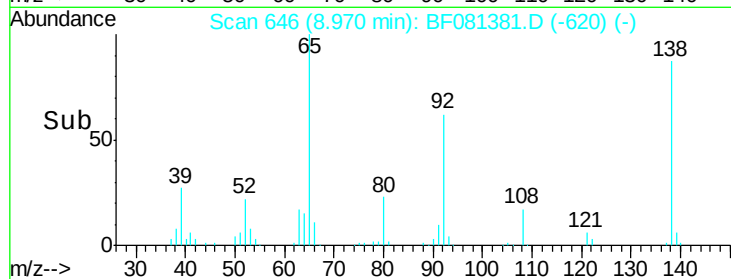
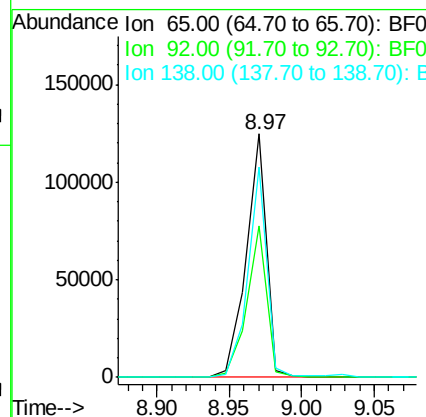
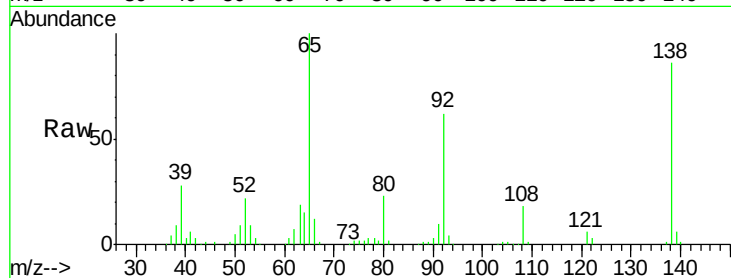




#47
2-Nitroaniline
Concen: 40.35 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

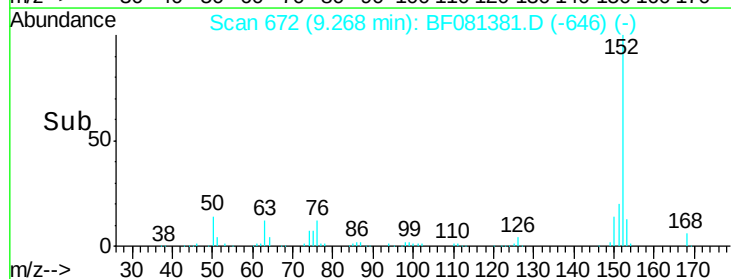
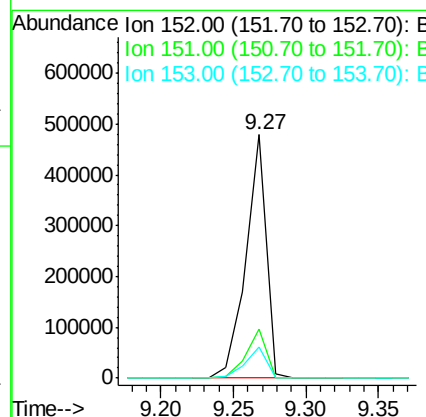
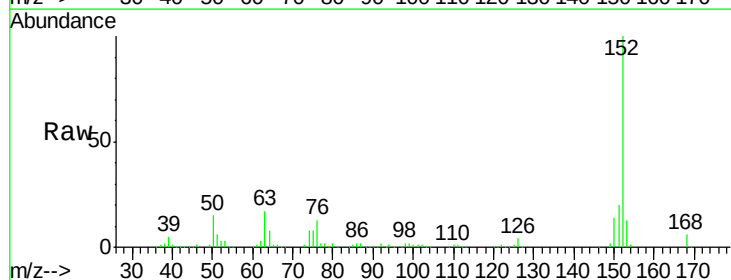
Instrument :
BNA_F
ClientSampleId :
PB85360BS

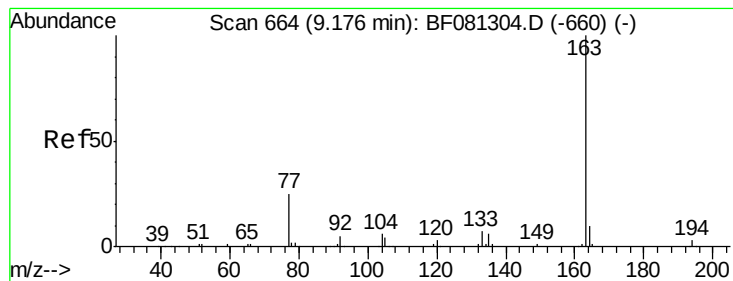
Tot Ion: 65 Resp: 121261
Ion Ratio Lower Upper
65 100
92 62.2 55.4 83.0
138 86.3 115.5 173.3#



#48
Acenaphthylene
Concen: 35.66 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion: 152 Resp: 466424
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 13.0 10.3 15.5





#49

Dimethylphthalate

Concen: 39.72 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

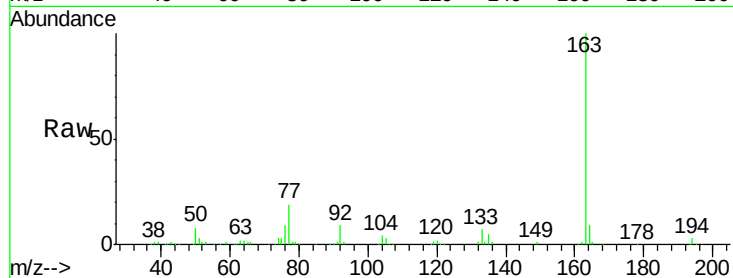
Tot Ion:163 Resp: 342541

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

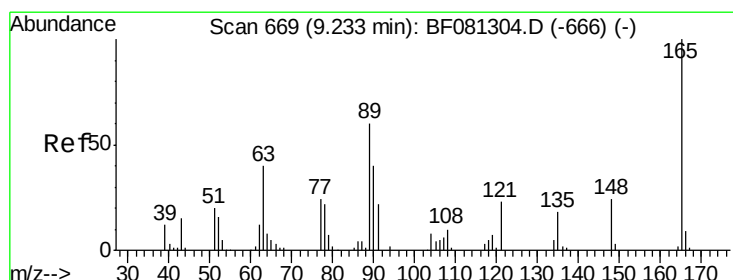
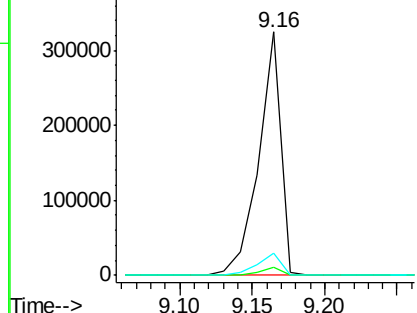
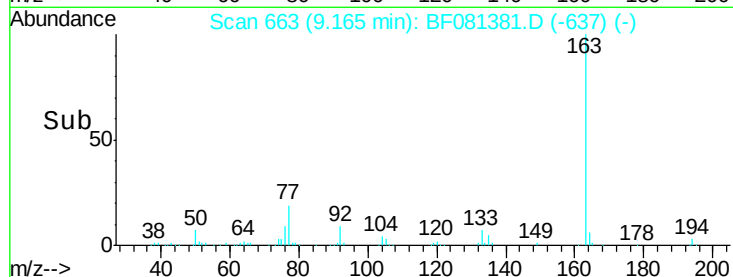
164 9.4 8.3 12.5



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: 33.63 ng

RT: 9.22 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

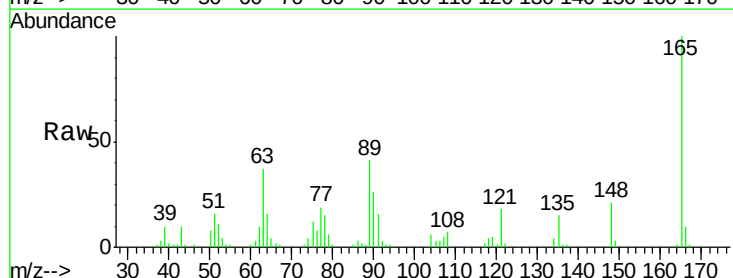
Tgt Ion:165 Resp: 65815

Ion Ratio Lower Upper

165 100

63 36.7 32.3 48.5

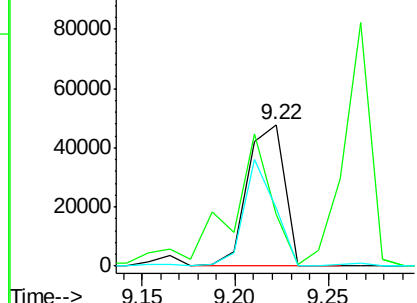
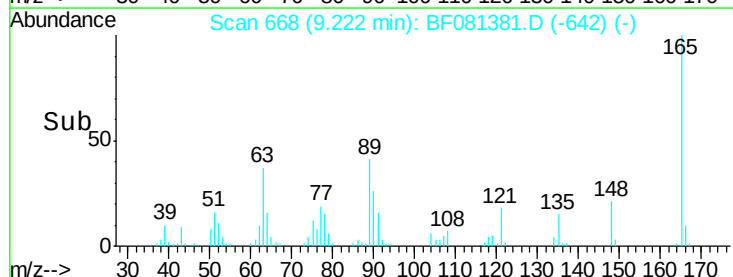
89 40.6 28.6 43.0

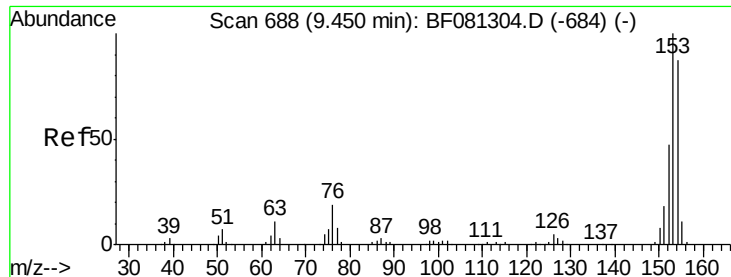


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.98 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

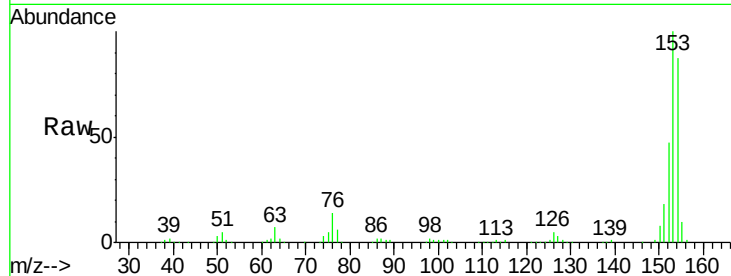
Tot Ion:154 Resp: 275220

Ion Ratio Lower Upper

154 100

153 115.0 82.1 123.1

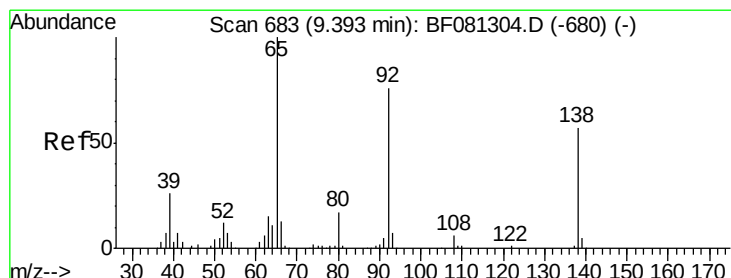
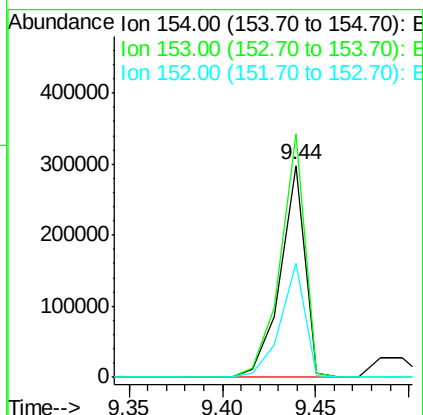
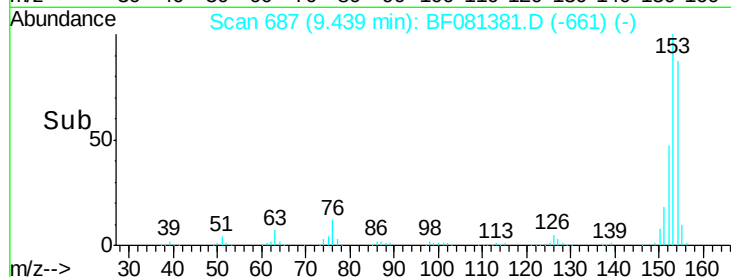
152 54.3 37.9 56.9



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: 21.66 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

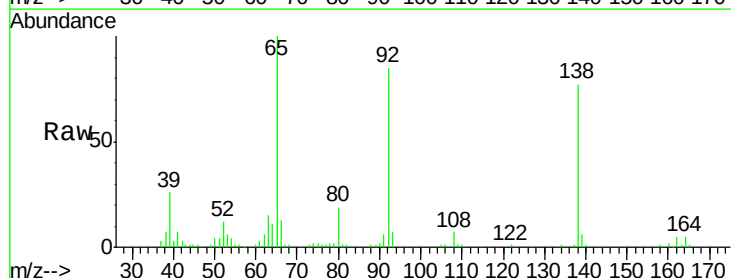
Tgt Ion:138 Resp: 48267

Ion Ratio Lower Upper

138 100

108 9.3 5.7 8.5#

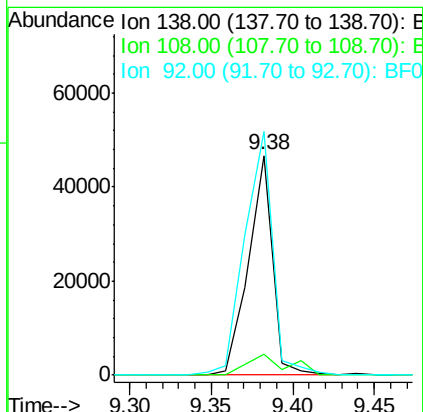
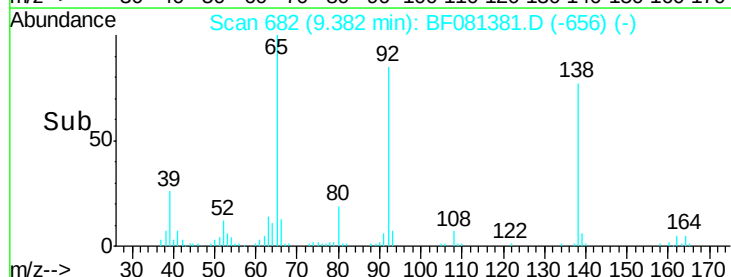
92 110.8 67.7 101.5#

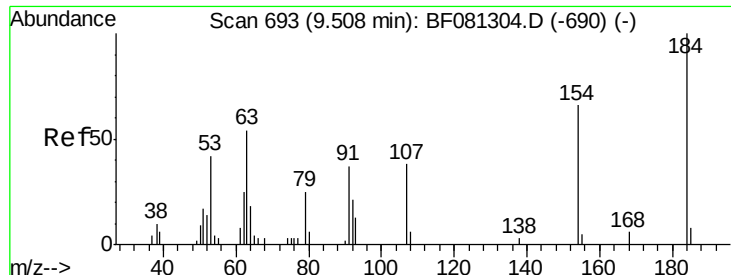


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

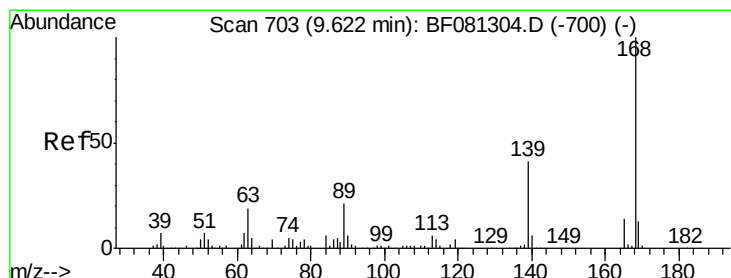
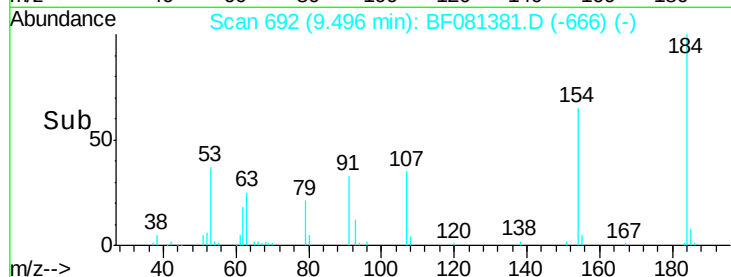
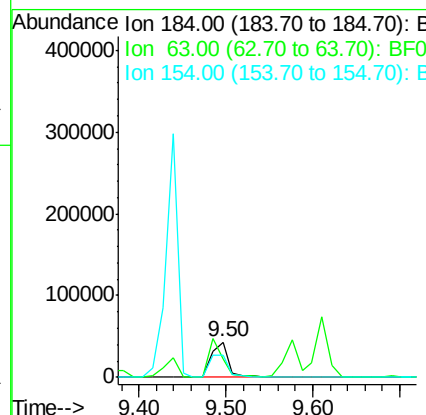
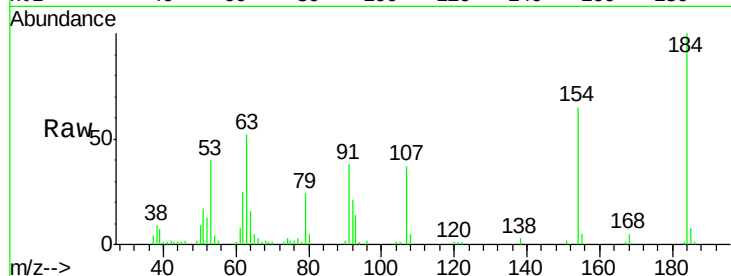




#53
 2,4-Dinitrophenol
 Concen: 74.64 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

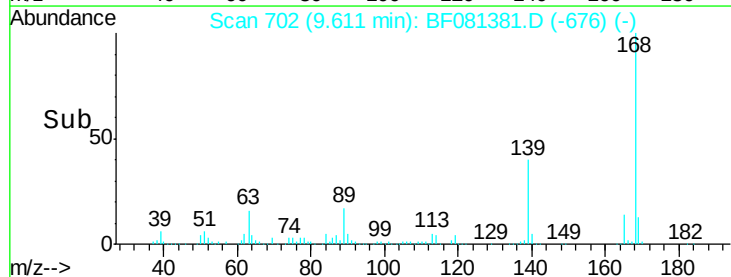
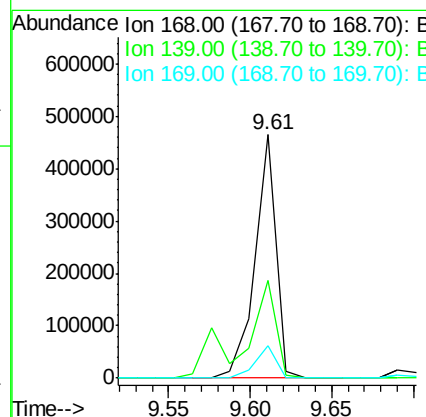
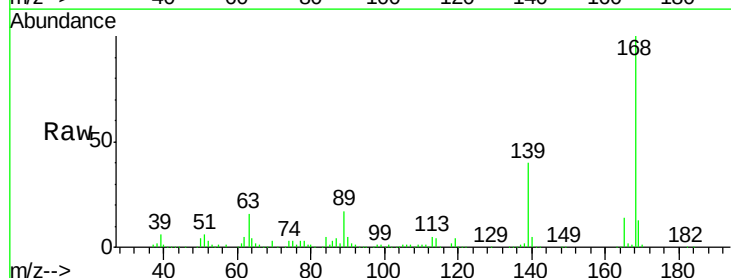
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

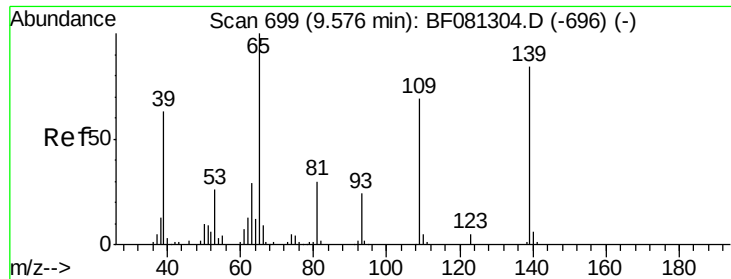
Tot Ion:184 Resp: 61530
 Ion Ratio Lower Upper
 184 100
 63 51.7 35.4 53.2
 154 65.0 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.19 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:168 Resp: 414969
 Ion Ratio Lower Upper
 168 100
 139 40.0 24.2 36.2#
 169 13.4 10.6 15.8

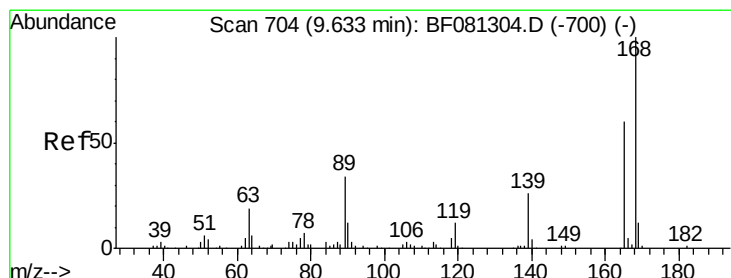
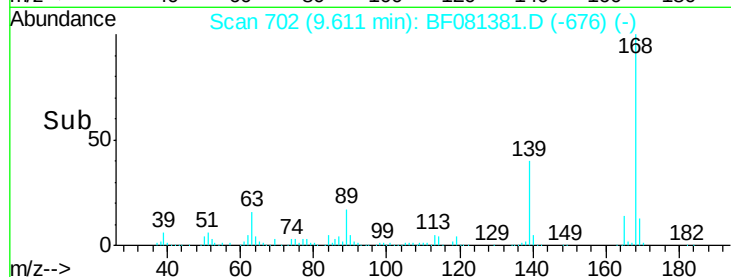
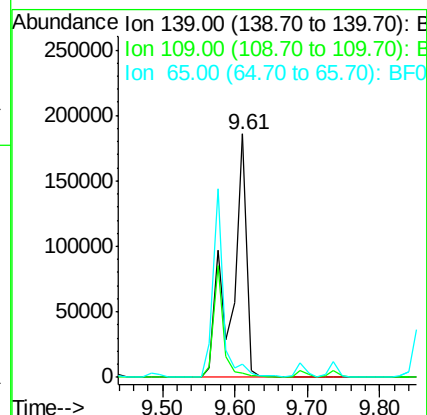
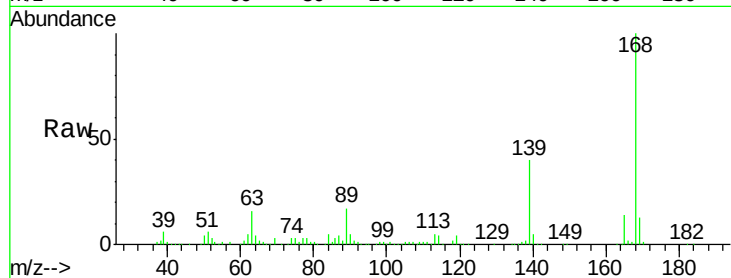




#55
4-Nitrophenol
Concen: 189.15 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

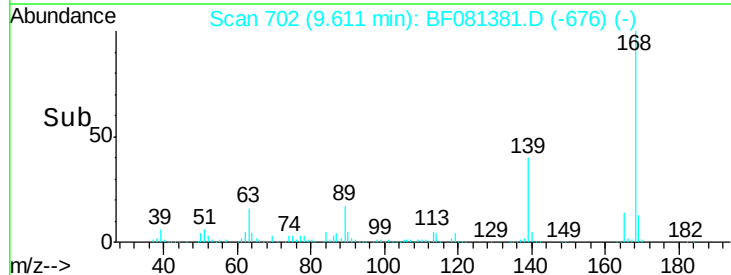
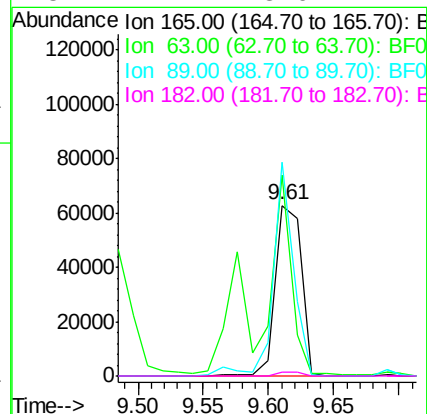
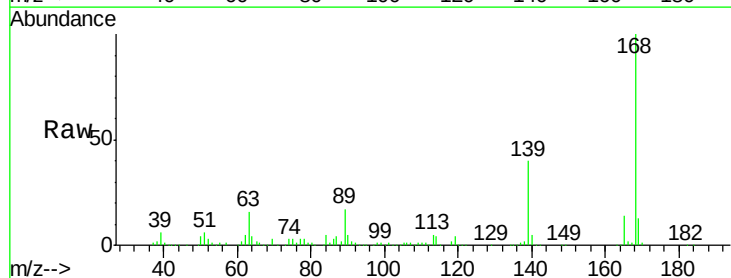
Instrument :
BNA_F
ClientSampleId :
PB85360BS

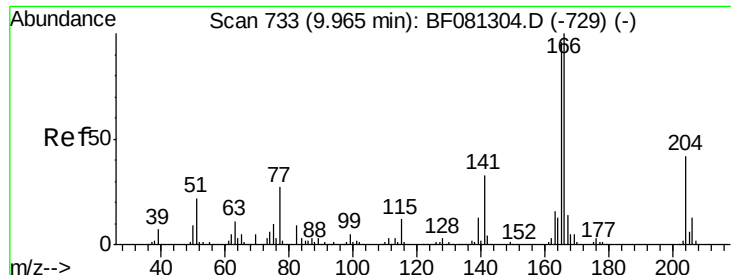
Tot Ion	Ratio	Lower	Upper
139	100		
109	1.7	12.7	52.7#
65	5.4	45.9	85.9#



#56
2,4-Dinitrotoluene
Concen: 35.41 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	117.4	29.8	44.6#
89	125.1	44.5	66.7#
182	2.1	3.0	4.4#

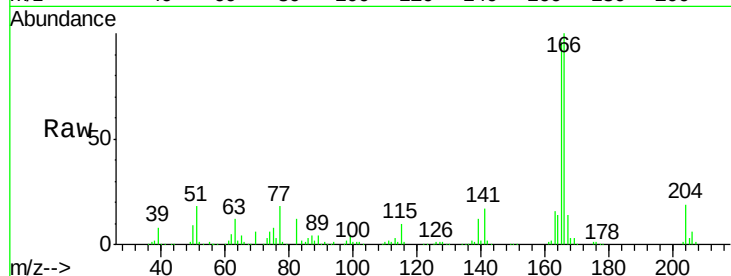




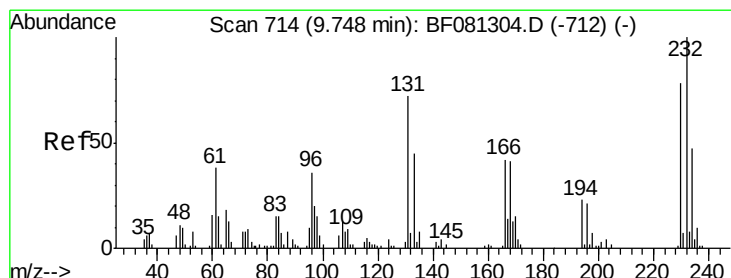
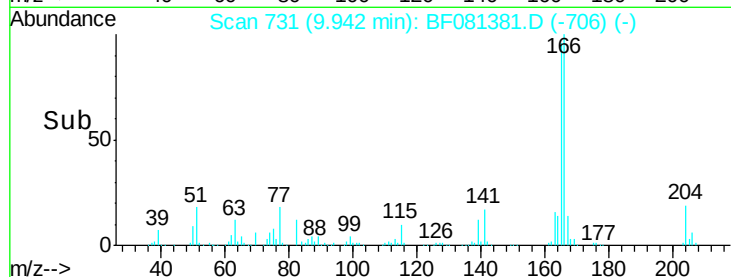
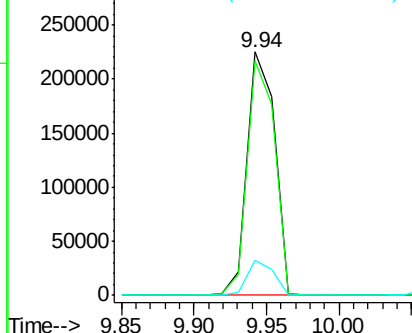
#57
 Fluorene
 Concen: 36.01 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

Tot Ion:166 Resp: 296962
 Ion Ratio Lower Upper
 166 100
 165 96.4 72.6 109.0
 167 14.5 10.6 16.0



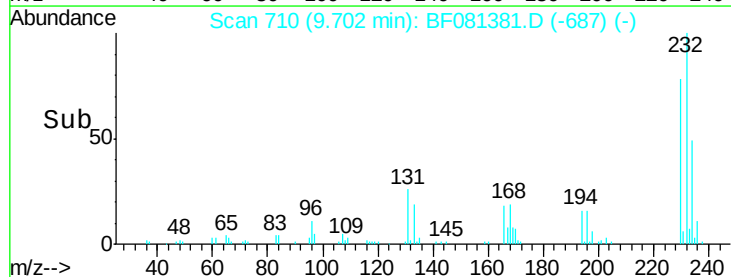
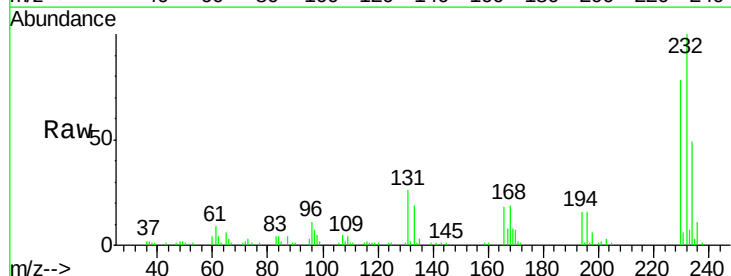
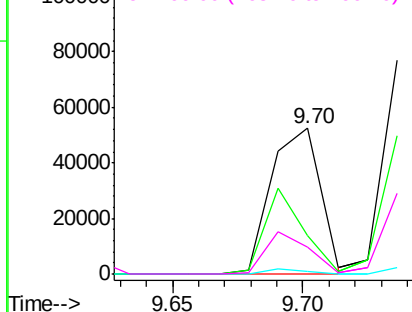
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

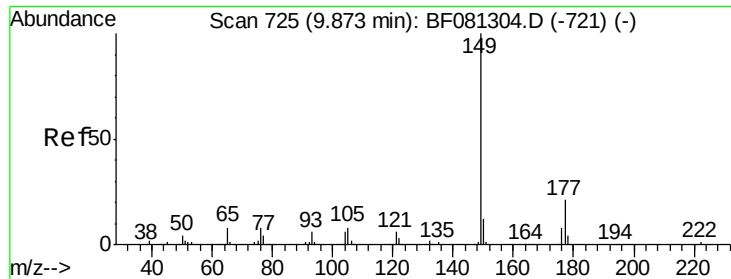


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.67 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.03 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:232 Resp: 69187
 Ion Ratio Lower Upper
 232 100
 131 46.5 38.5 57.7
 130 2.6 1.8 2.6
 166 25.9 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

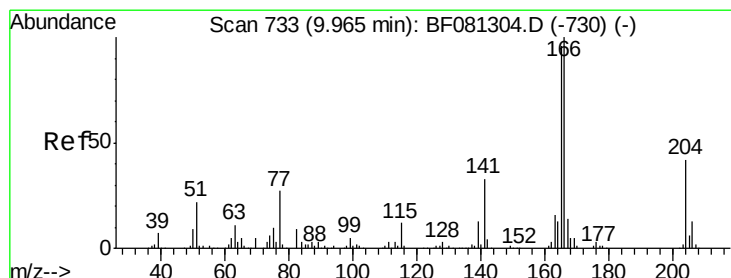
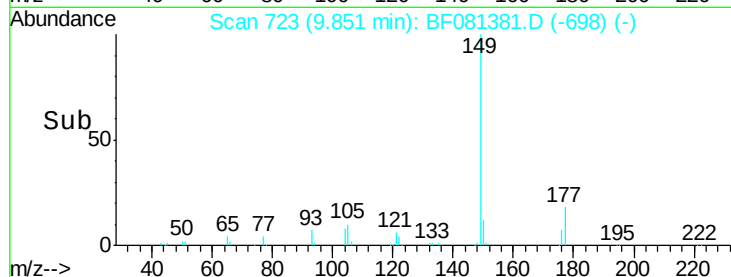
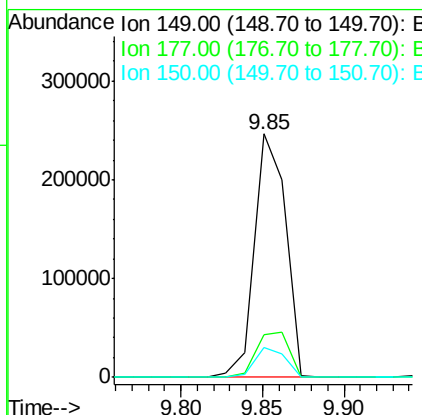
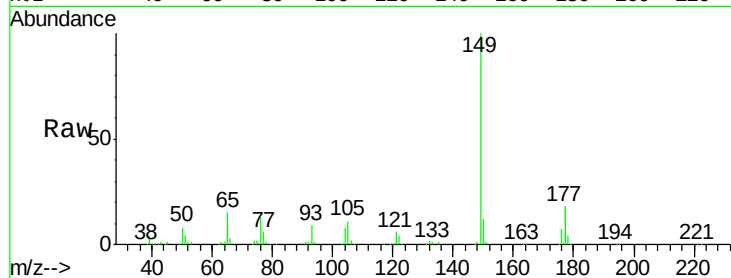




#59
Diethylphthalate
Concen: 36.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

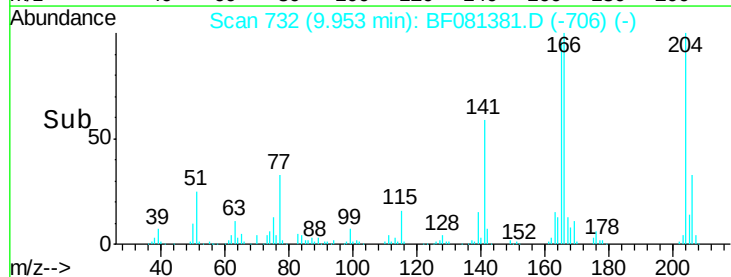
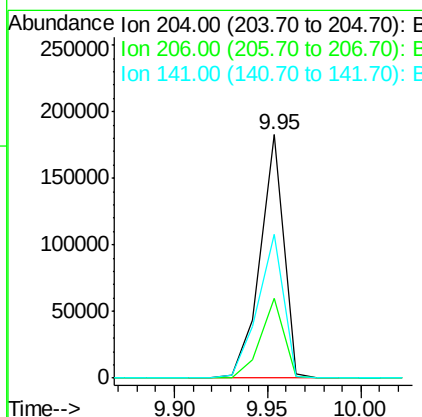
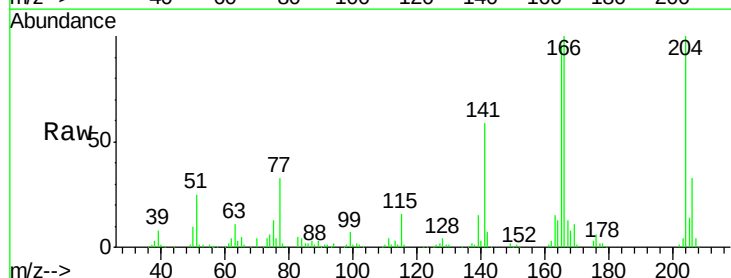
Instrument :
BNA_F
ClientSampleId :
PB85360BS

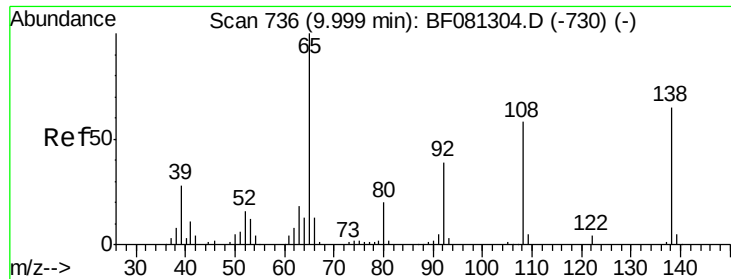
Tot Ion:149 Resp: 326546
Ion Ratio Lower Upper
149 100
177 17.6 17.5 26.3
150 12.5 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 41.21 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion:204 Resp: 158382
Ion Ratio Lower Upper
204 100
206 32.7 24.8 37.2
141 59.1 42.2 63.4

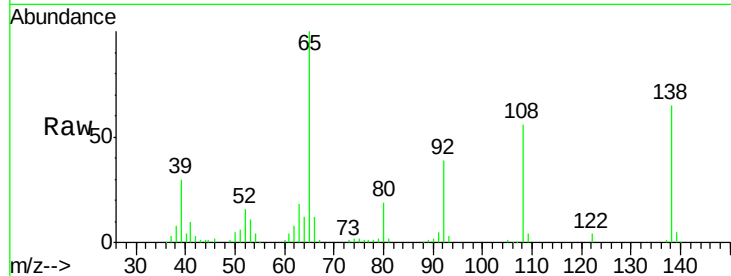




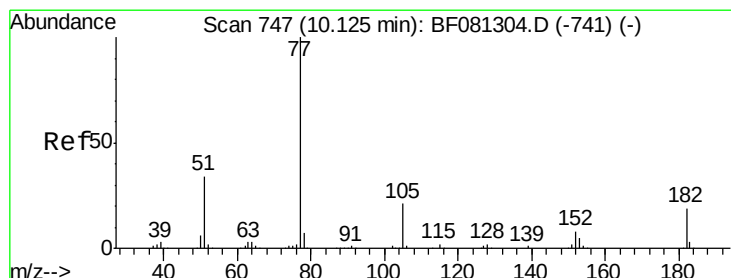
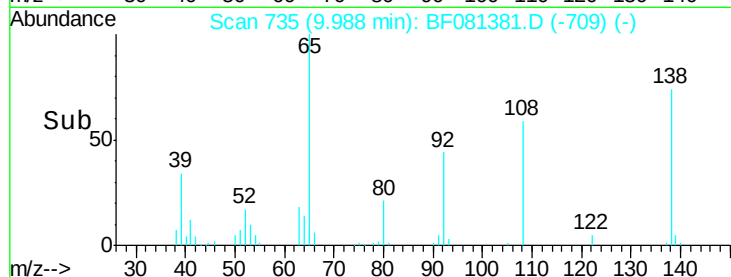
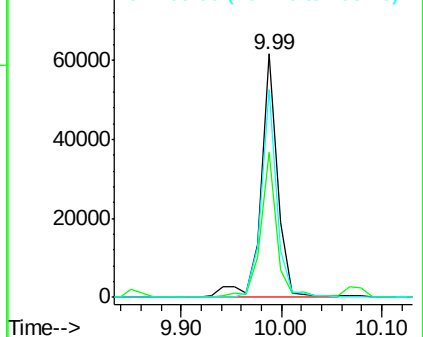
#61
4-Nitroaniline
Concen: 31.59 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Instrument :
BNA_F
ClientSampleId :
PB85360BS

Tot Ion:138 Resp: 71103
Ion Ratio Lower Upper
138 100
92 59.7 12.6 52.6#
108 85.1 12.4 52.4#

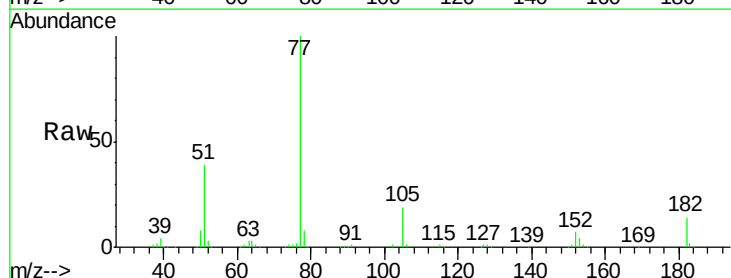


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

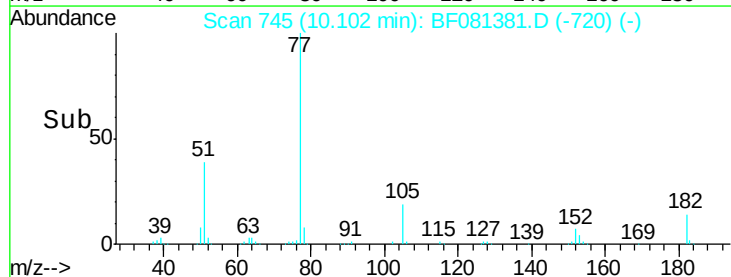
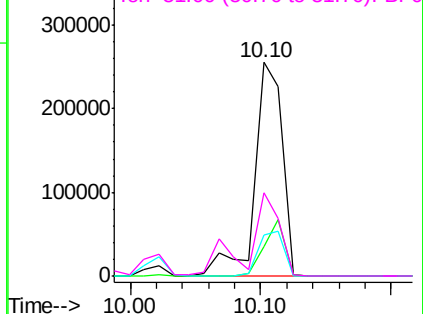


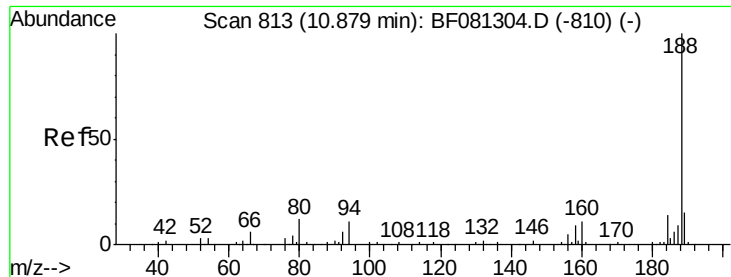
#62
Azobenzene
Concen: 37.60 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion: 77 Resp: 379204
Ion Ratio Lower Upper
77 100
182 13.5 15.1 55.1#
105 19.2 3.4 43.4
51 38.8 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

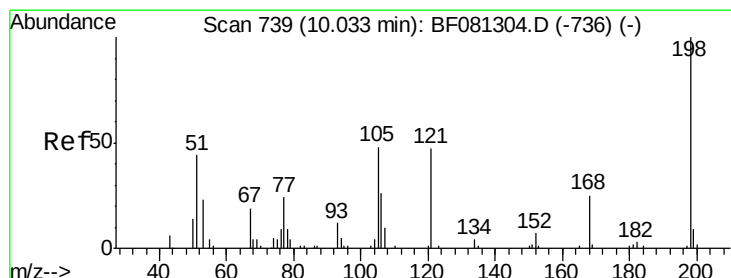
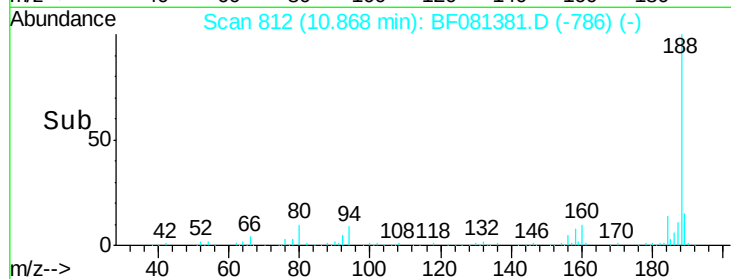
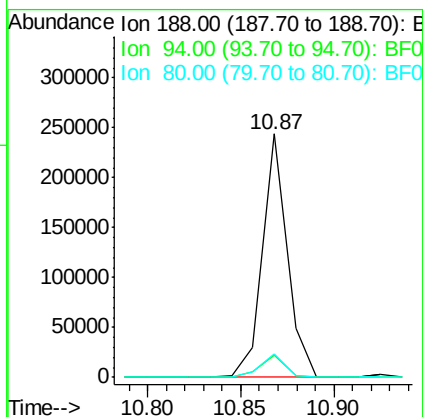
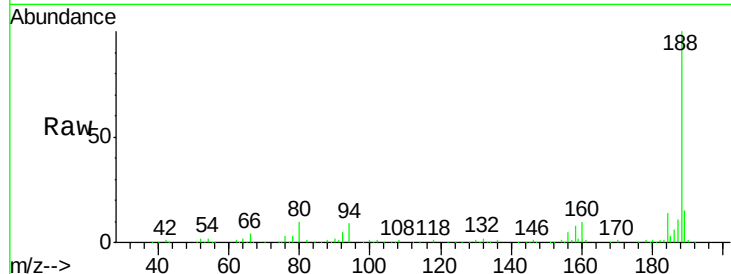




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

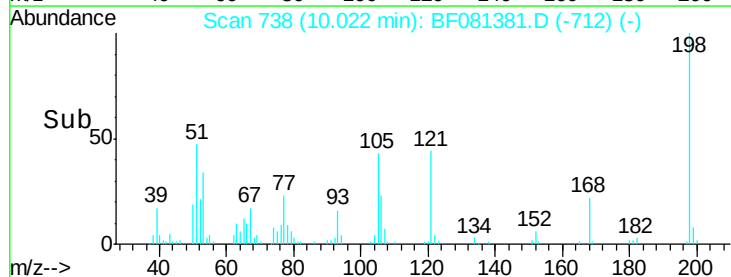
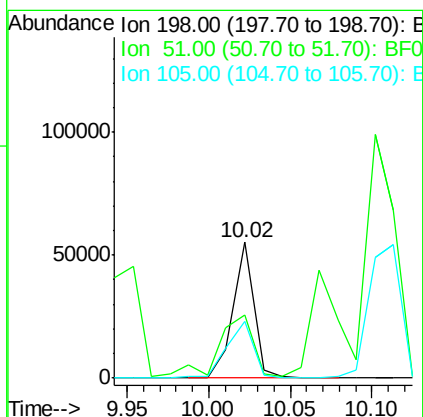
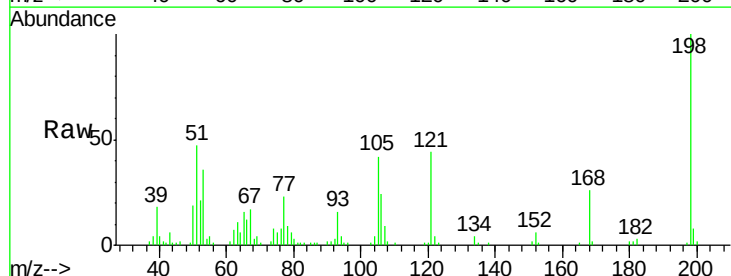
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

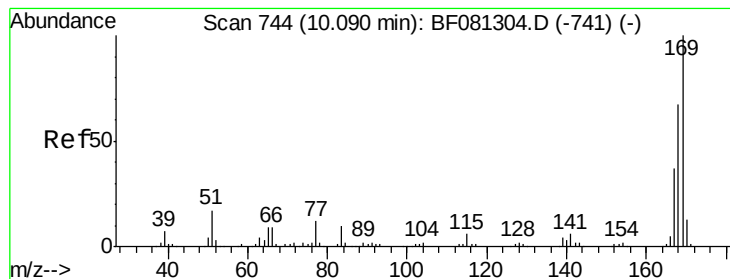
Tot Ion	188	Resp	223052
Ion	Ratio	Lower	Upper
188	100		
94	9.0	11.1	16.7#
80	9.7	11.0	16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.01 ng
 RT: 10.02 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion	198	Resp	48669
Ion	Ratio	Lower	Upper
198	100		
51	46.8	39.6	79.6
105	42.2	28.5	68.5

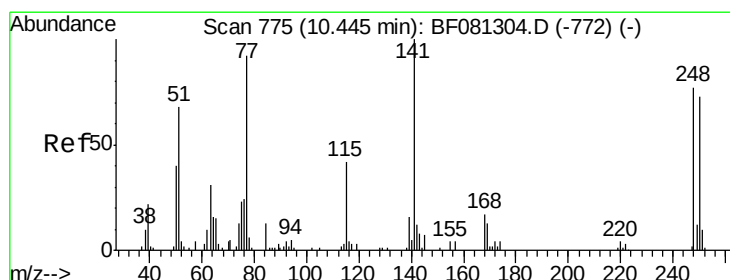
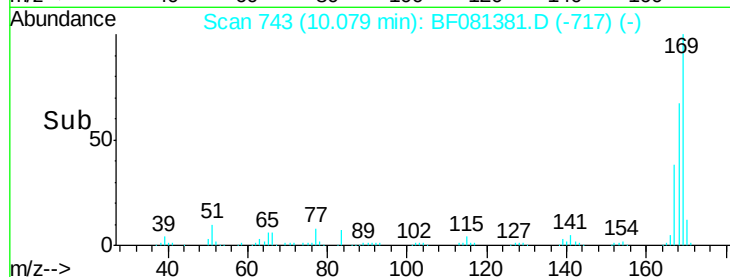
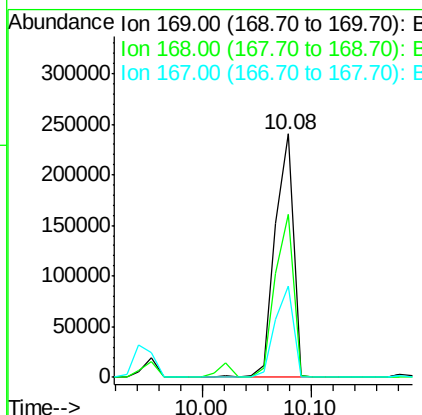
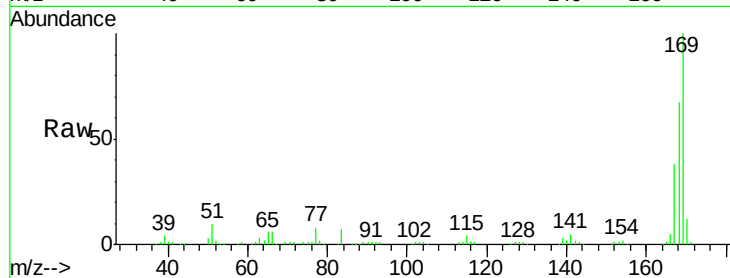




#65
 n-Nitrosodiphenylamine
 Concen: 34.59 ng
 RT: 10.08 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

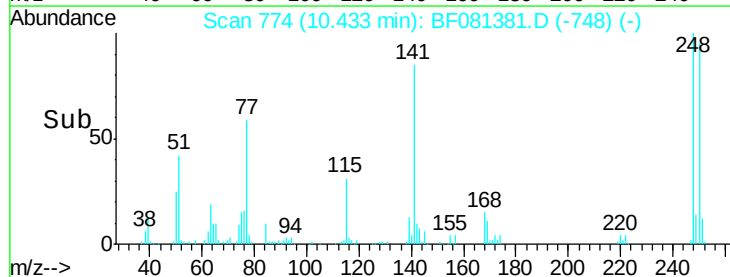
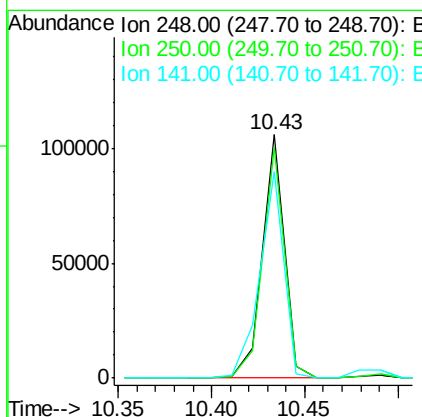
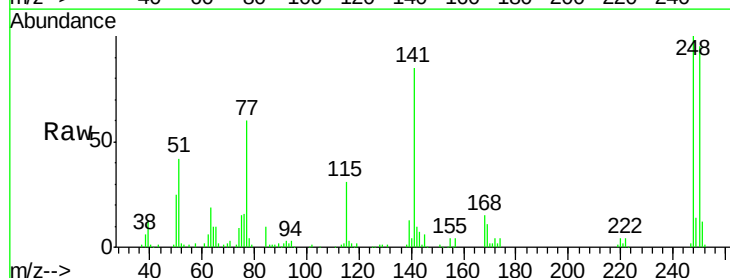
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

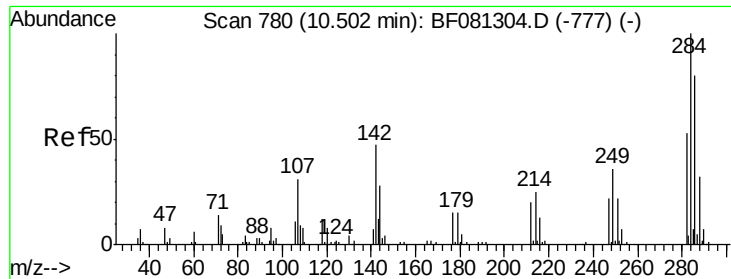
Tot Ion:169 Resp: 280778
 Ion Ratio Lower Upper
 169 100
 168 66.8 48.9 73.3
 167 37.6 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.00 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:248 Resp: 85713
 Ion Ratio Lower Upper
 248 100
 250 95.0 78.5 117.7
 141 84.6 59.0 88.6





#67

Hexachlorobenzene

Concen: 37.72 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

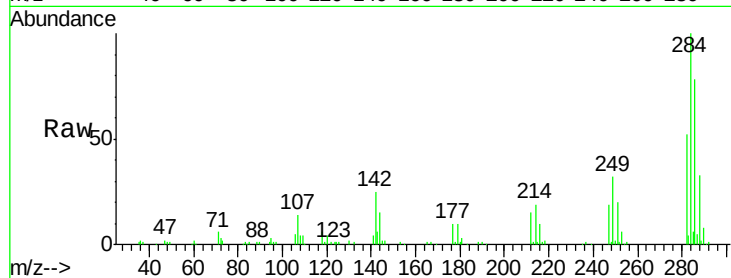
Tot Ion:284 Resp: 88942

Ion Ratio Lower Upper

284 100

142 24.7 29.5 44.3#

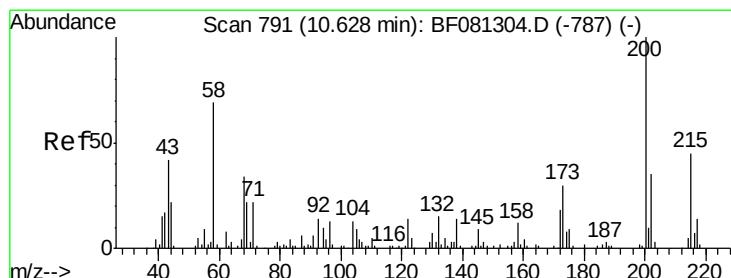
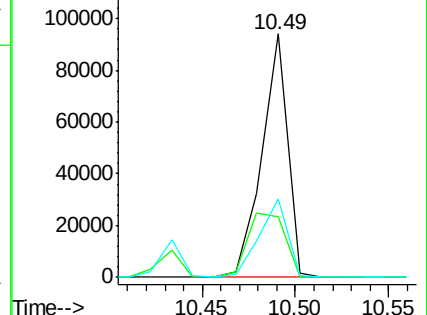
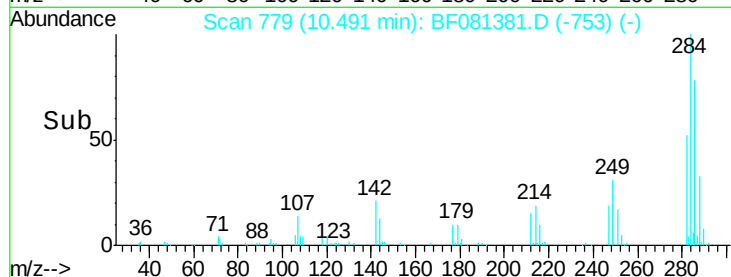
249 32.1 19.5 29.3#



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: 39.55 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

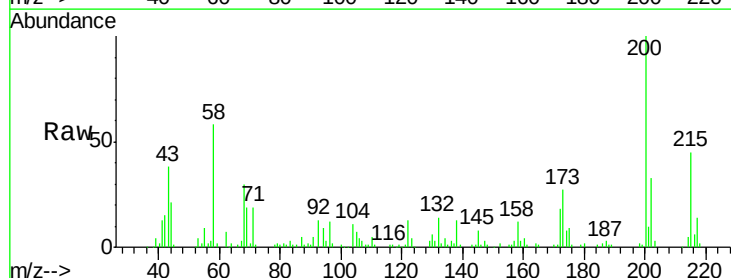
Tgt Ion:200 Resp: 92899

Ion Ratio Lower Upper

200 100

173 27.1 13.2 53.2

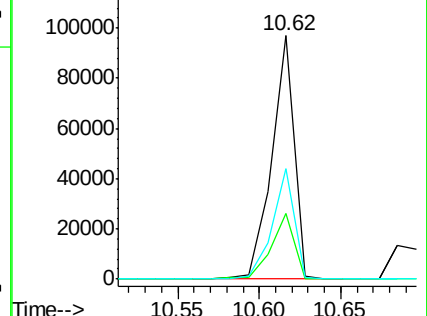
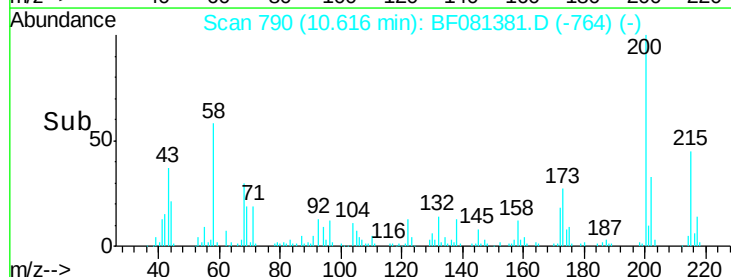
215 45.3 41.8 81.8

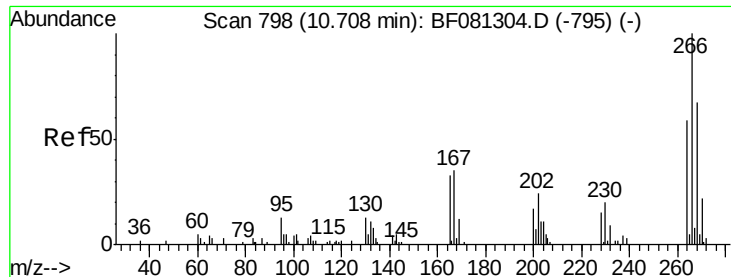


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

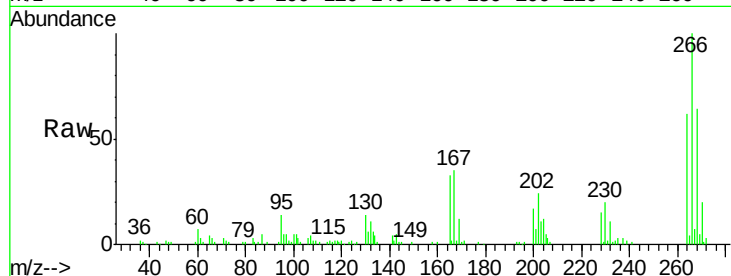




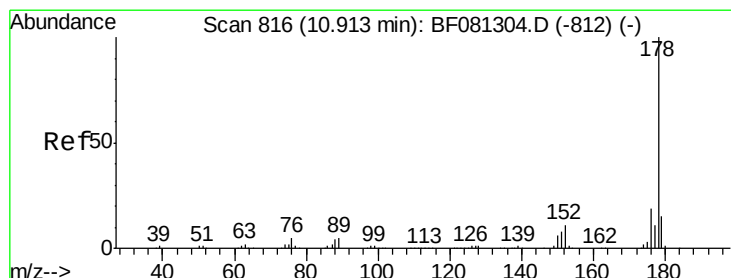
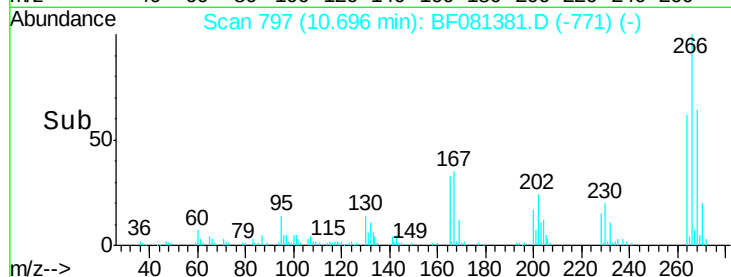
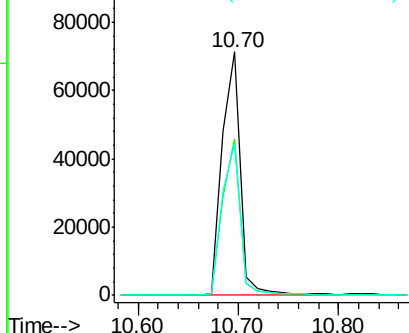
#69
 Pentachlorophenol
 Concen: 78.40 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

Tot Ion:266 Resp: 89780
 Ion Ratio Lower Upper
 266 100
 268 64.4 49.8 74.6
 264 62.4 50.2 75.2

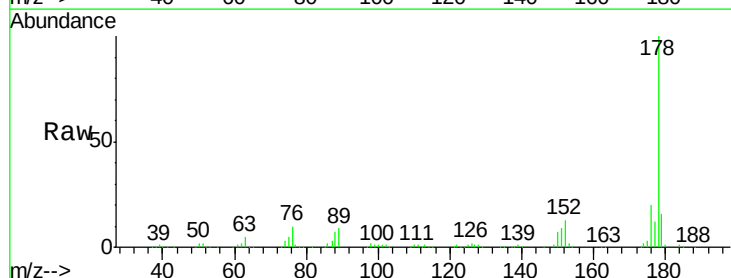


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

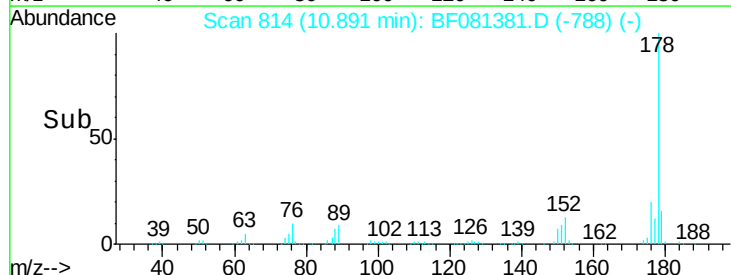
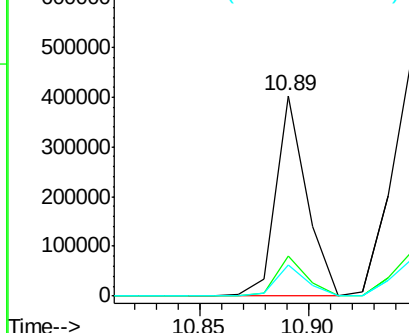


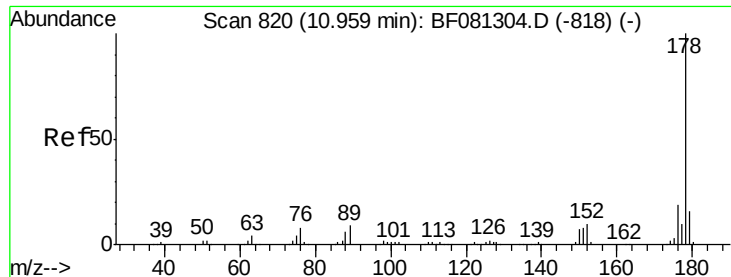
#70
 Phenanthrene
 Concen: 32.24 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:178 Resp: 399754
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.7 12.2 18.2



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

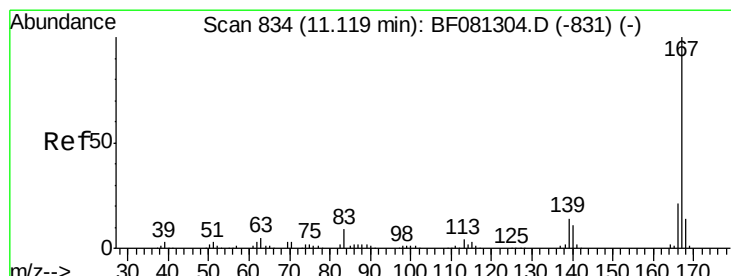
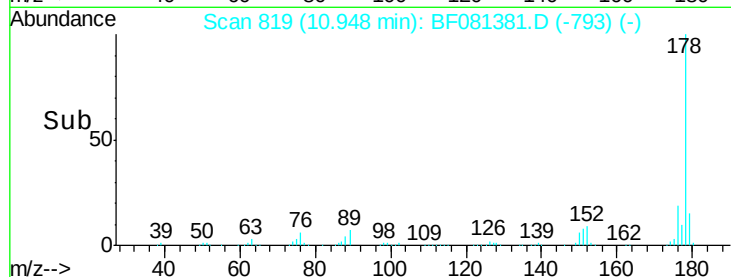
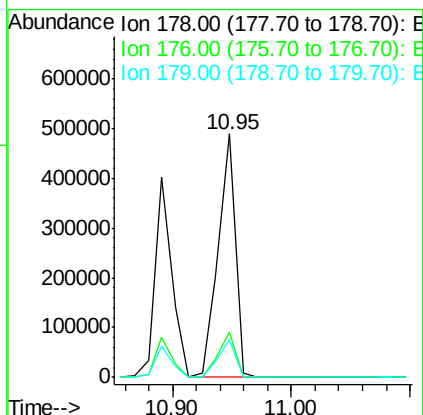
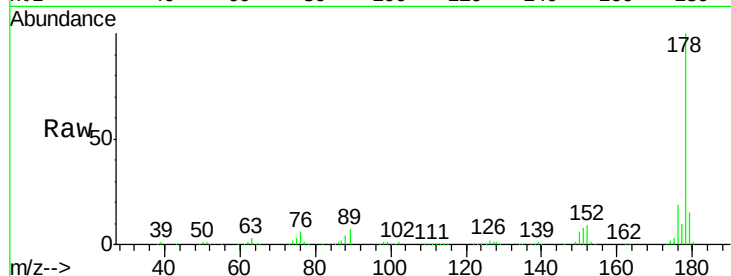




#71
 Anthracene
 Concen: 38.20 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

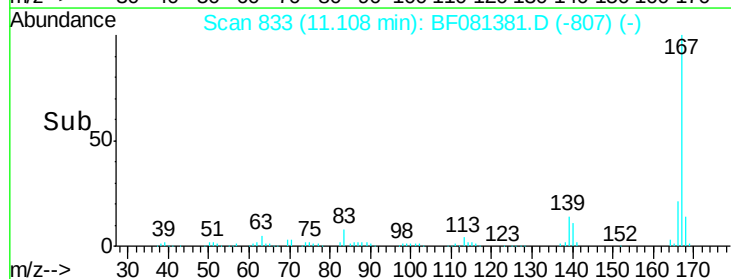
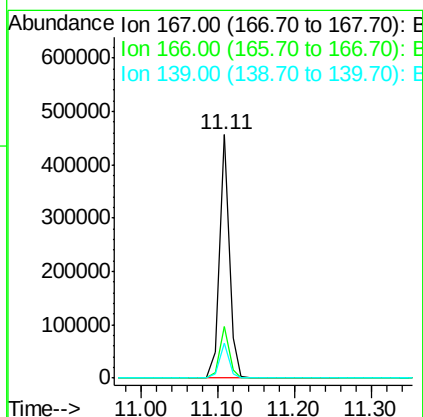
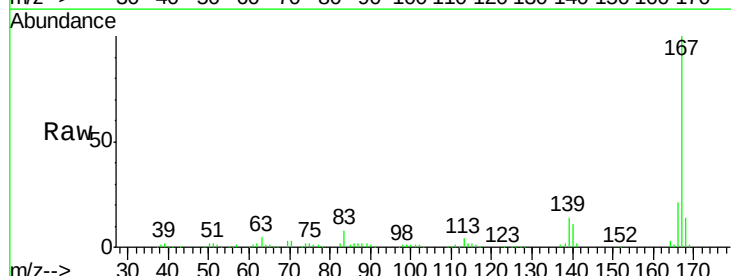
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

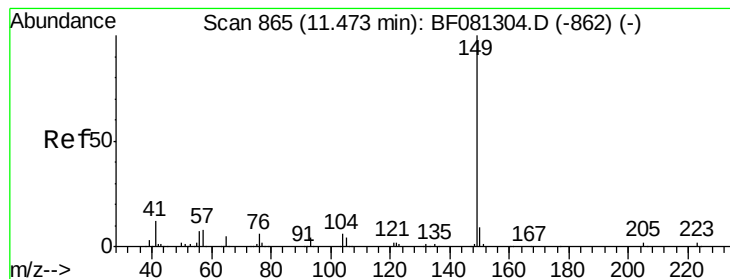
Tot Ion:178 Resp: 486664
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.1 21.1
 179 15.3 12.2 18.2



#72
 Carbazole
 Concen: 33.95 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:167 Resp: 405931
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 14.2 9.5 14.3





#73

Di-n-butylphthalate

Concen: 37.00 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

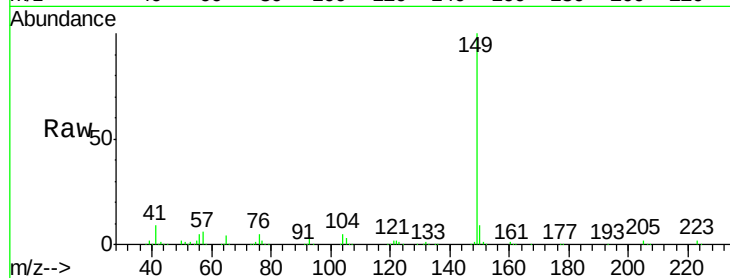
Tot Ion:149 Resp: 522334

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

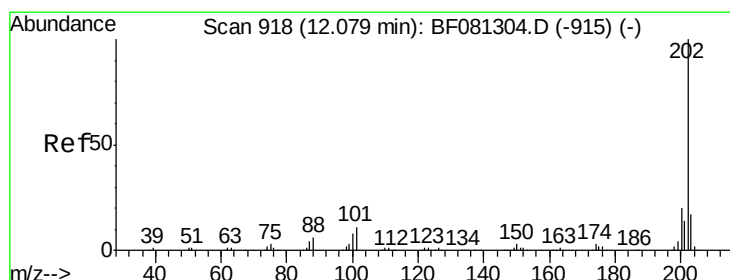
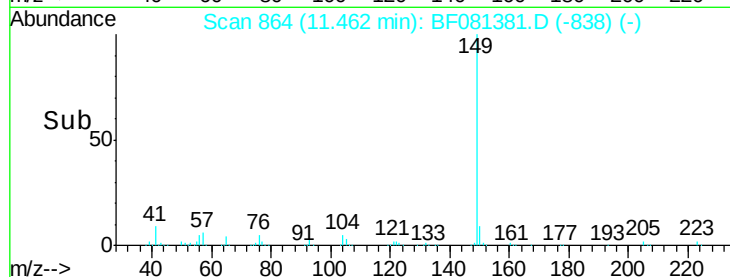
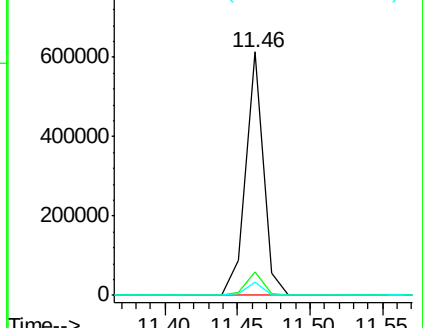
104 5.2 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.02 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

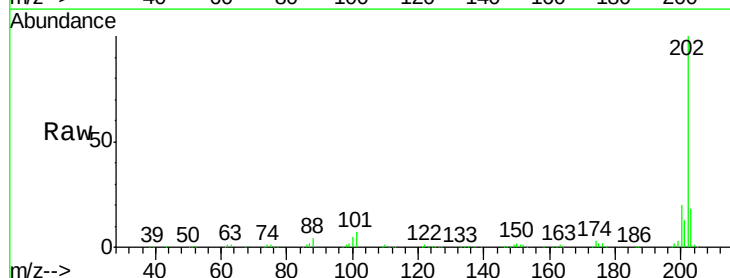
Tgt Ion:202 Resp: 510353

Ion Ratio Lower Upper

202 100

101 6.8 0.0 38.3

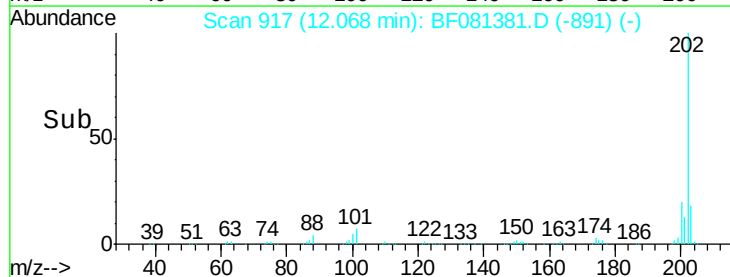
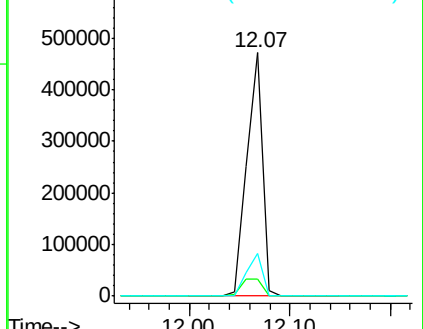
203 17.6 0.0 37.3

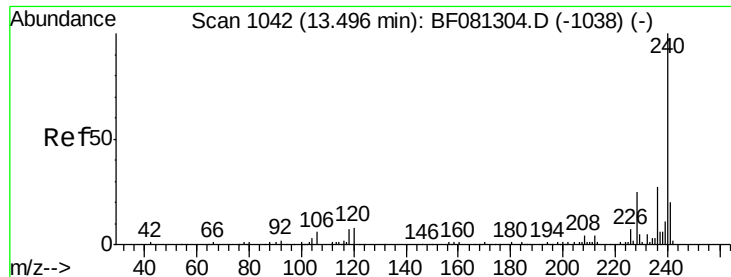


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

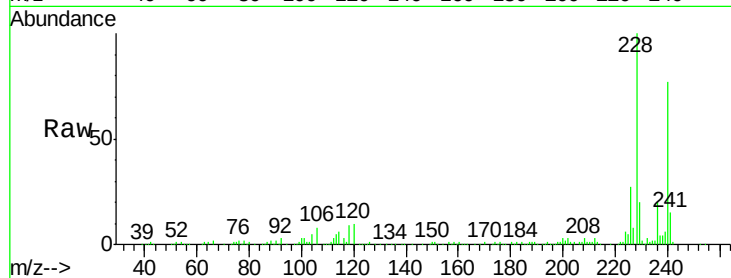
Tot Ion:240 Resp: 166759

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

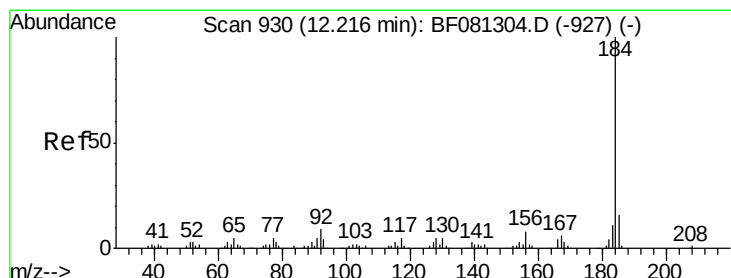
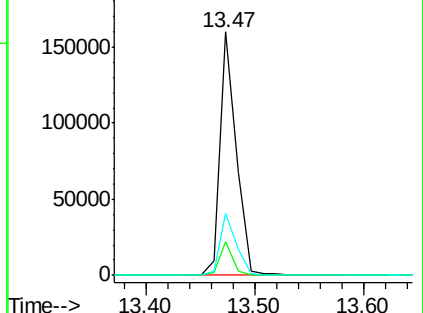
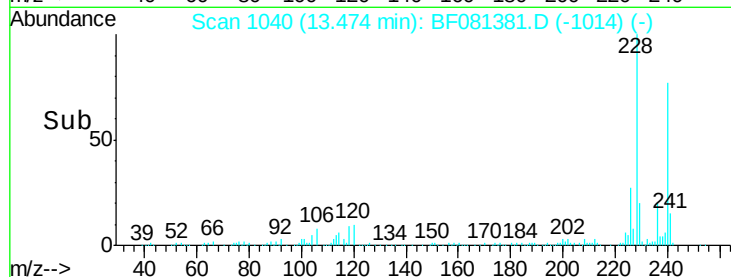
236 25.7 18.4 27.6



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: 27.56 ng

RT: 12.21 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

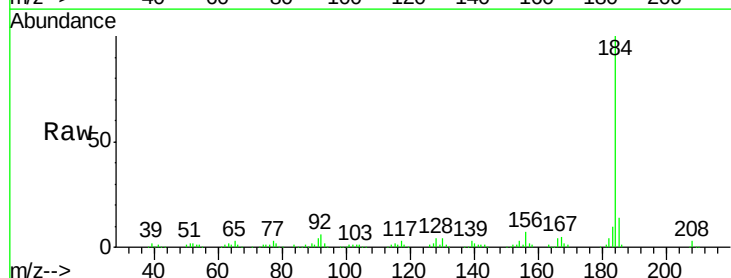
Tgt Ion:184 Resp: 197272

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.6

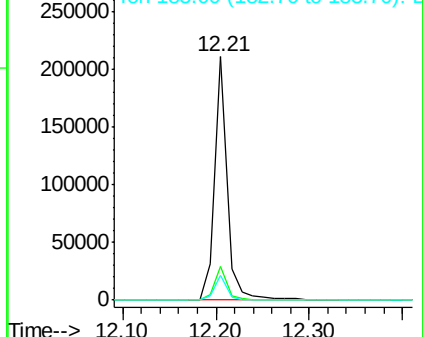
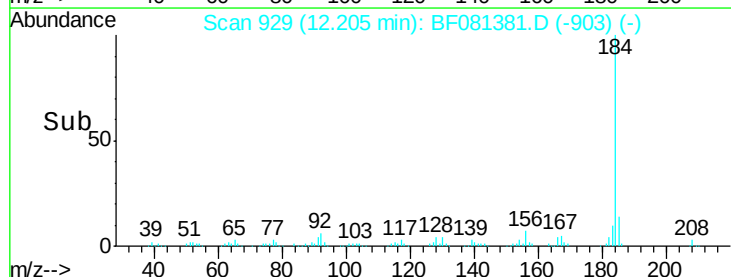
183 10.2 7.6 11.4

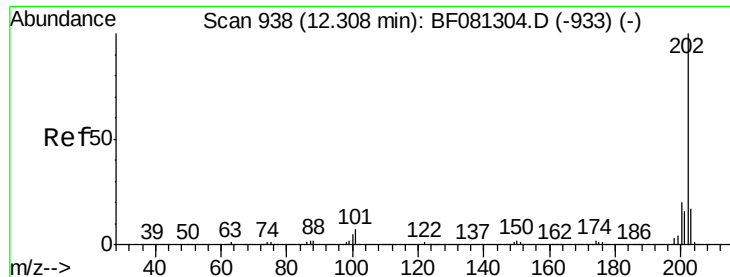


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

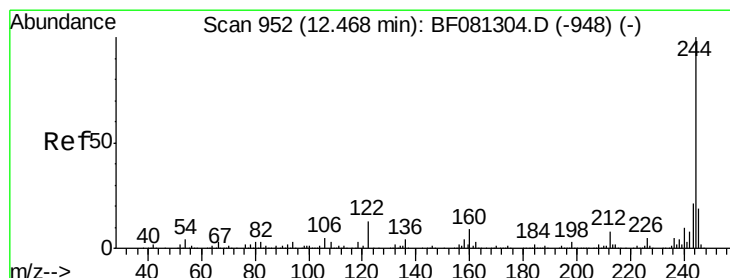
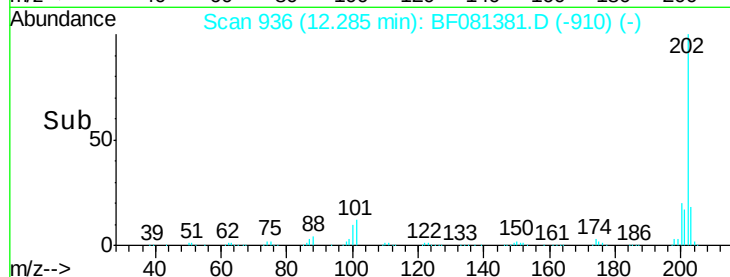
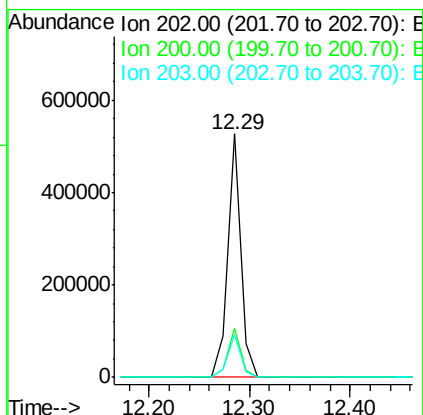
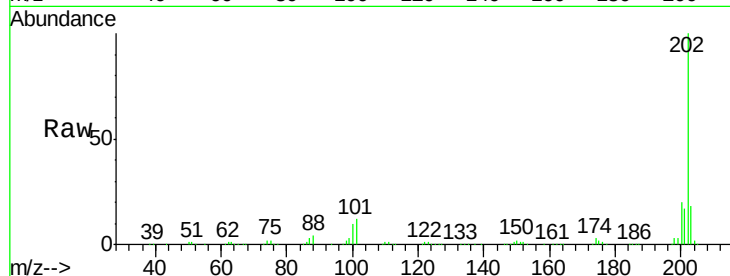




#77
Pvrene
Concen: 38.58 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

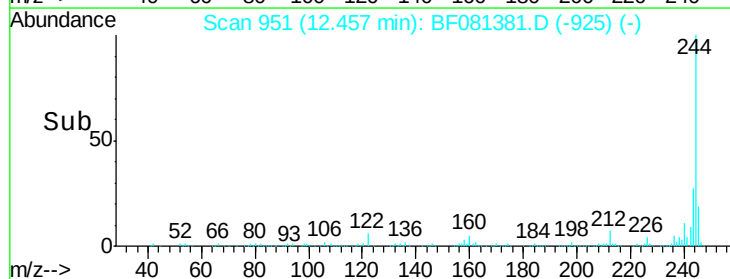
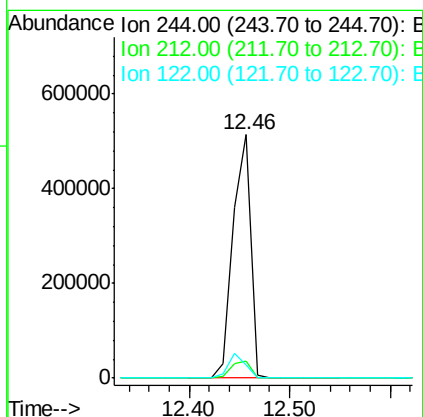
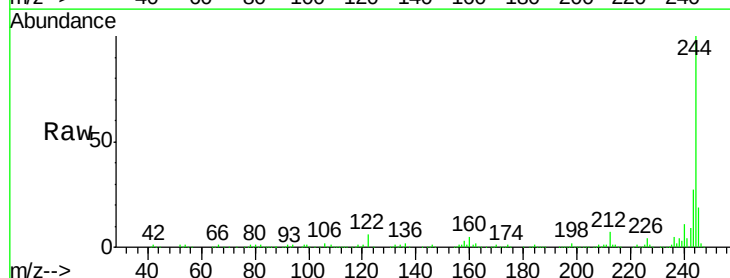
Instrument :
BNA_F
ClientSampleId :
PB85360BS

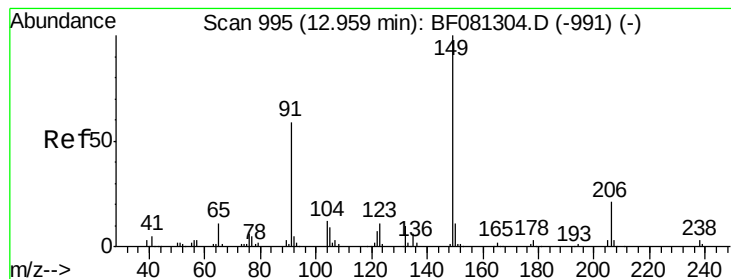
Tot Ion:202 Resp: 476523
Ion Ratio Lower Upper
202 100
200 20.1 15.0 22.4
203 17.7 14.1 21.1



#78
Terphenyl-d14
Concen: 87.77 ng
RT: 12.46 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion:244 Resp: 628774
Ion Ratio Lower Upper
244 100
212 6.9 4.3 6.5#
122 5.6 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 38.96 ng

RT: 12.94 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

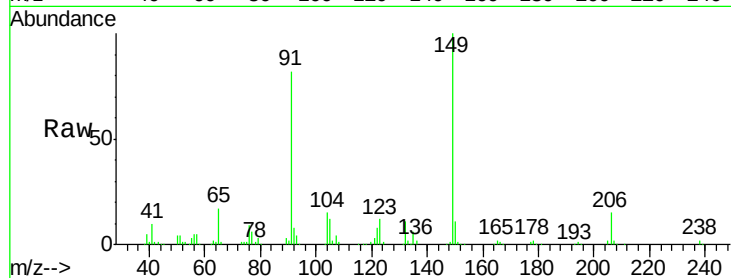
Tot Ion:149 Resp: 209288

Ion Ratio Lower Upper

149 100

91 82.3 48.6 72.8#

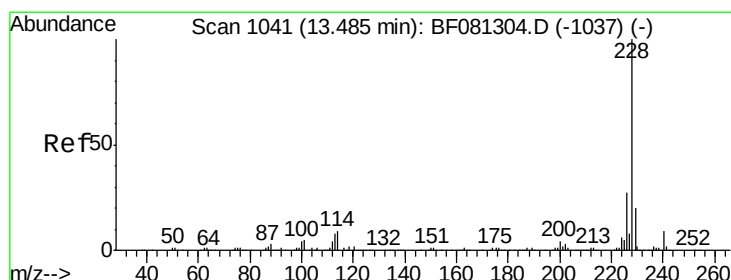
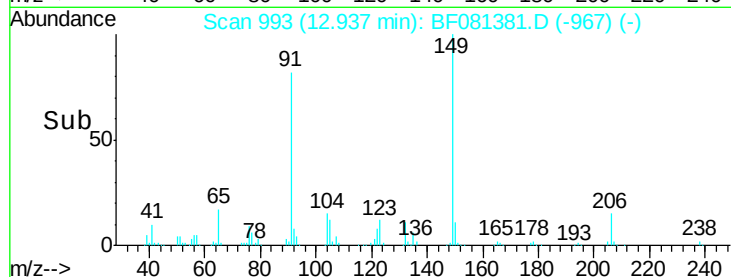
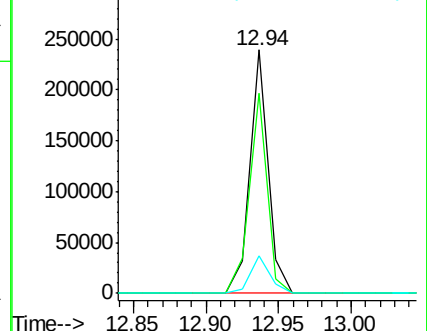
206 15.4 14.9 22.3



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: 37.33 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

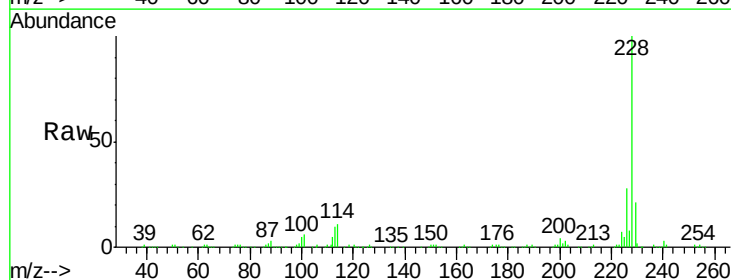
Tgt Ion:228 Resp: 396429

Ion Ratio Lower Upper

228 100

226 27.9 20.0 30.0

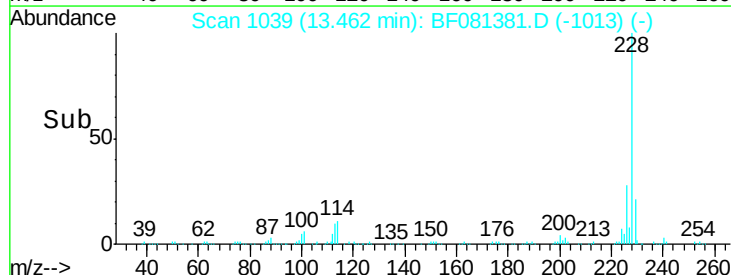
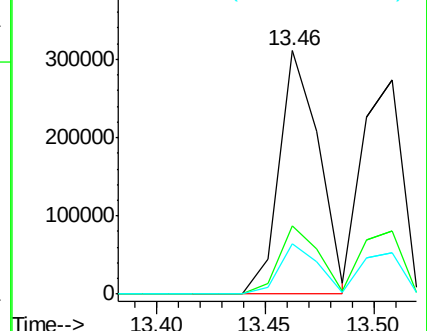
229 20.6 15.4 23.2

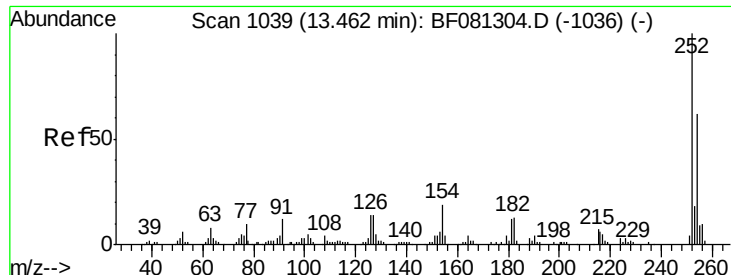


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

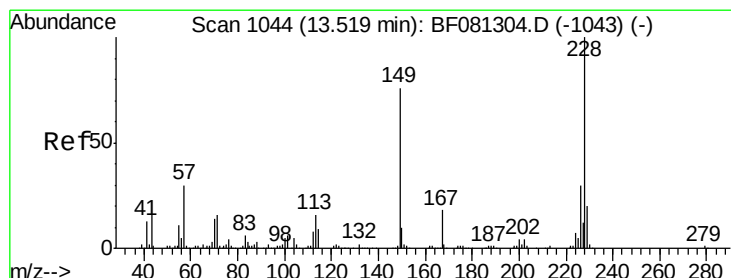
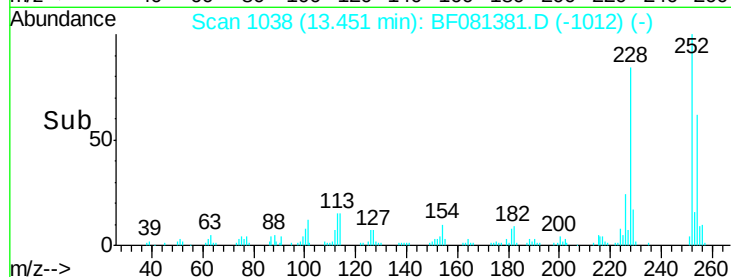
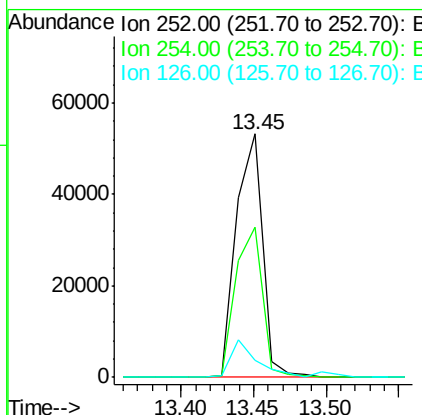
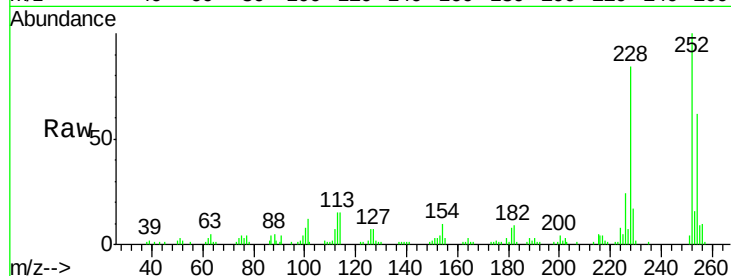




#81
 3,3'-Dichlorobenzidine
 Concen: 18.70 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

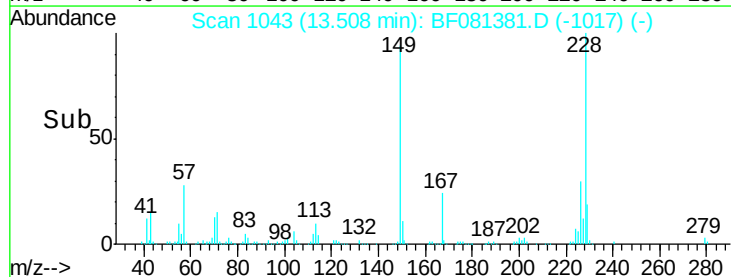
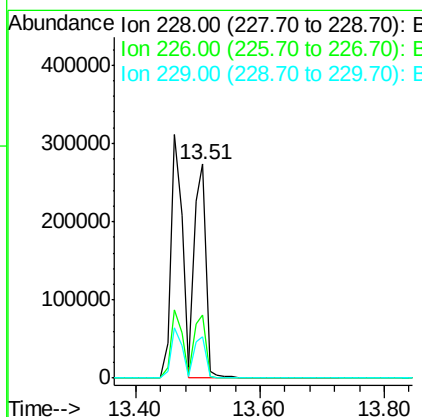
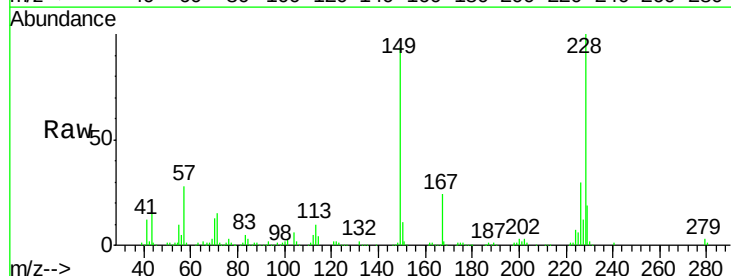
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

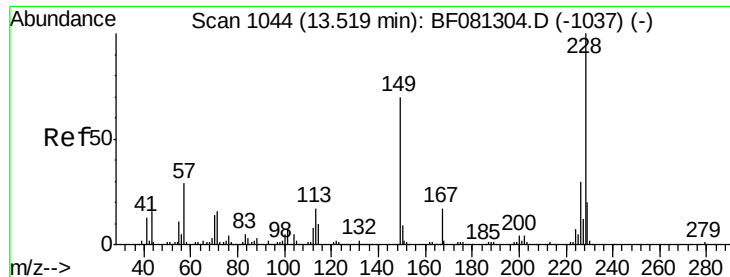
Tot Ion:252 Resp: 66999
 Ion Ratio Lower Upper
 252 100
 254 61.8 51.4 77.2
 126 6.8 16.4 24.6#



#82
 Chrysene
 Concen: 37.62 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:228 Resp: 358169
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.0 31.4
 229 19.4 15.6 23.4

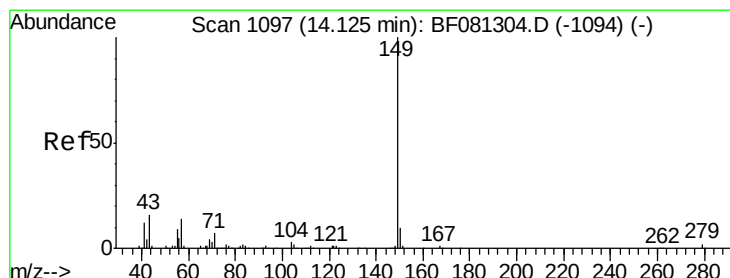
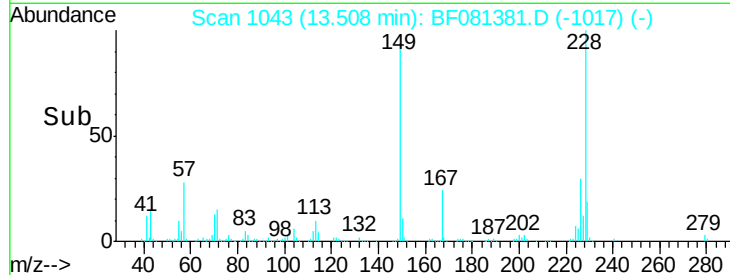
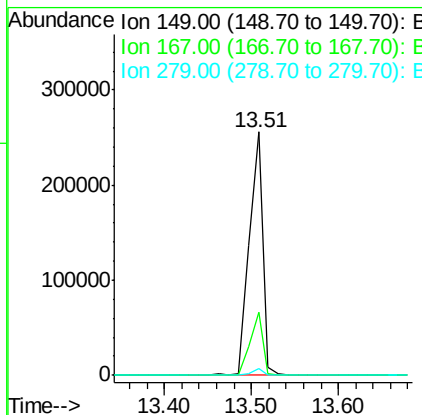
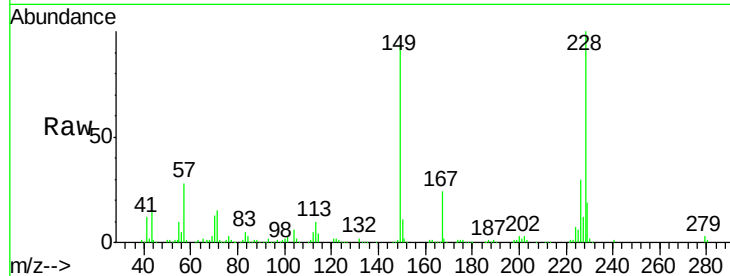




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.35 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

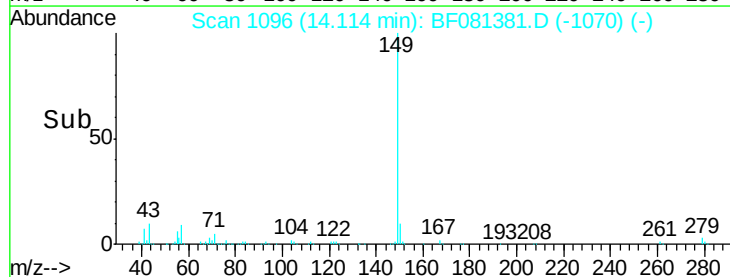
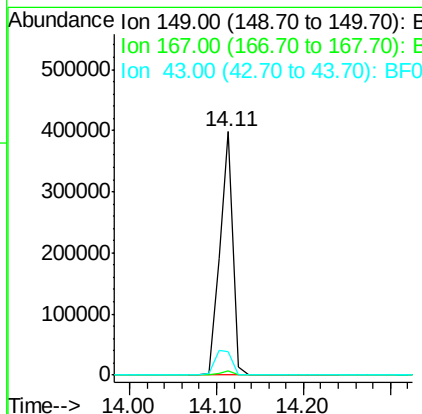
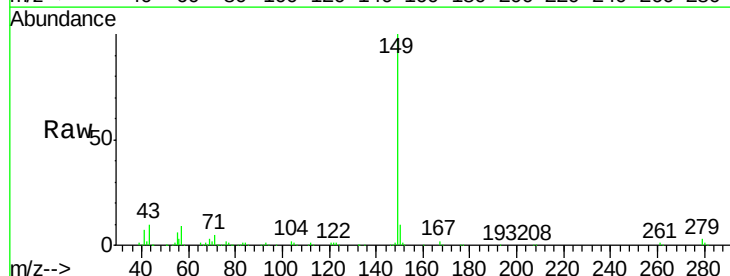
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

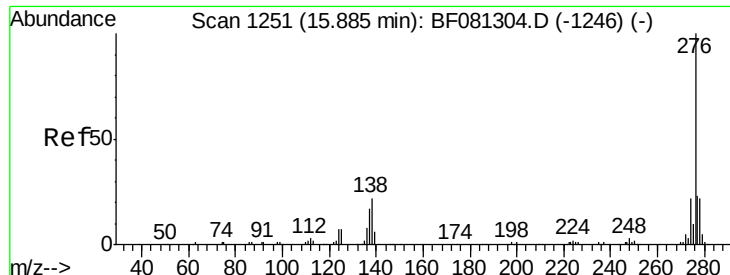
Tot Ion:149 Resp: 279008
 Ion Ratio Lower Upper
 149 100
 167 25.8 24.2 36.2
 279 2.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 35.89 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:149 Resp: 418963
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.5 10.2 15.2

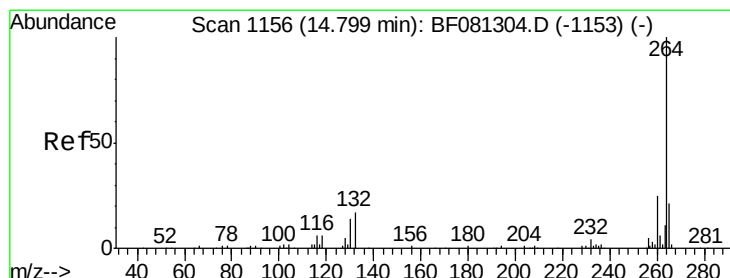
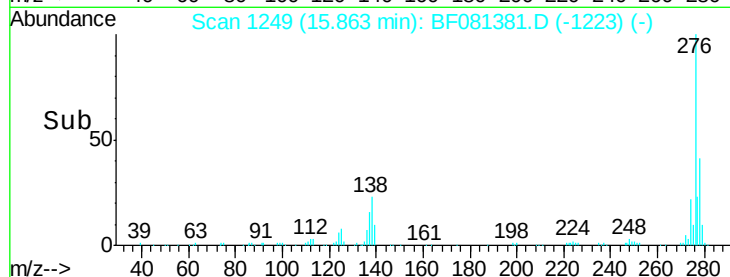
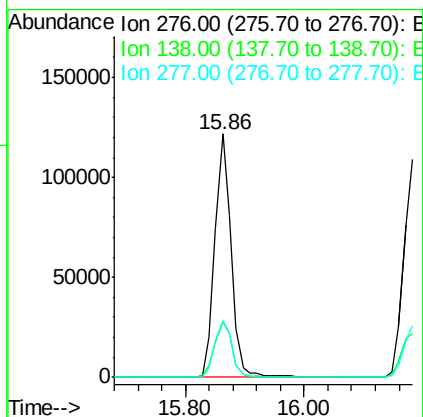
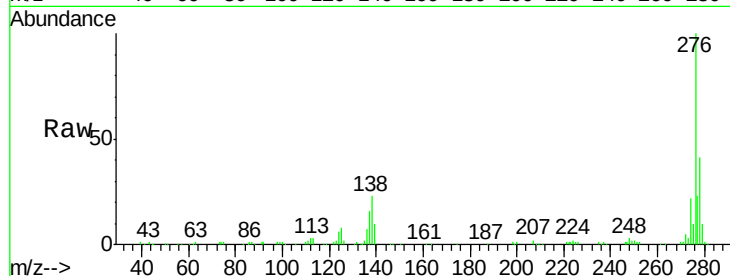




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.23 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

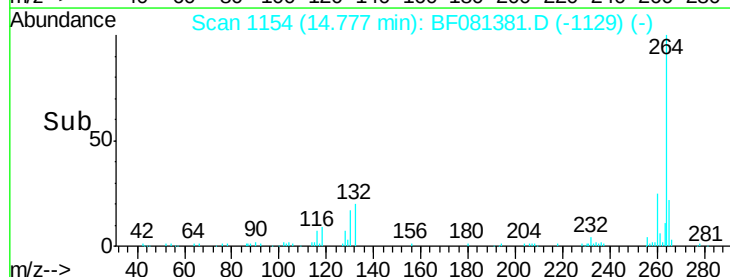
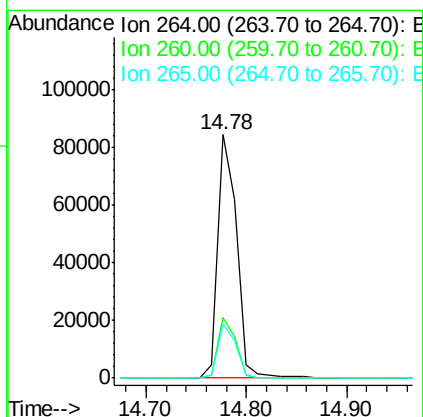
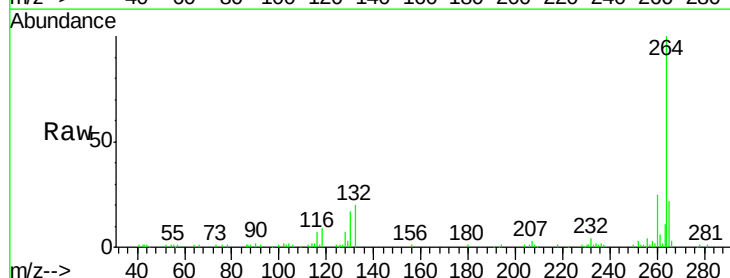
Instrument :
 BNA_F
 ClientSampleId :
 PB85360BS

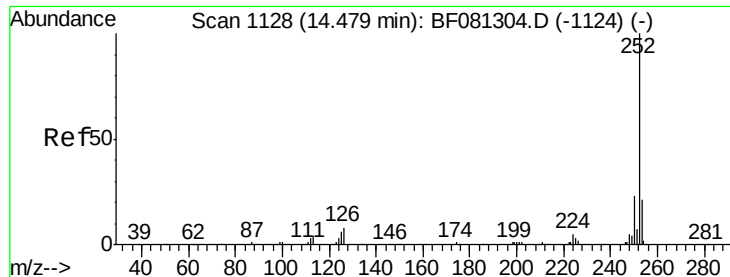
Tot Ion:276 Resp: 232105
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081381.D
 Acq: 3 Sep 2015 17:37

Tgt Ion:264 Resp: 109527
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.7 25.1
 265 22.4 17.2 25.8

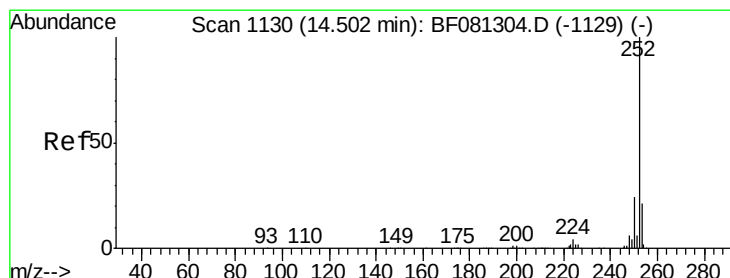
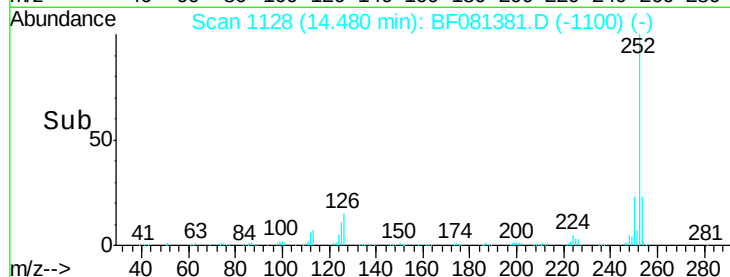
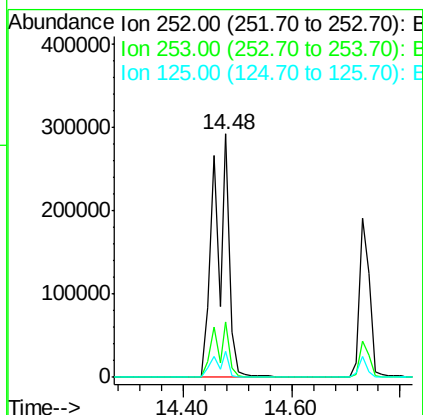
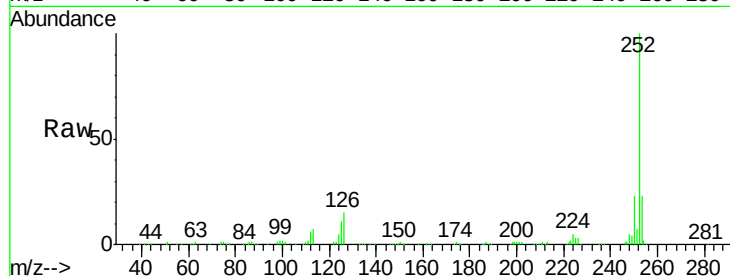




#87
Benzo(b)fluoranthene
Concen: 70.52 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

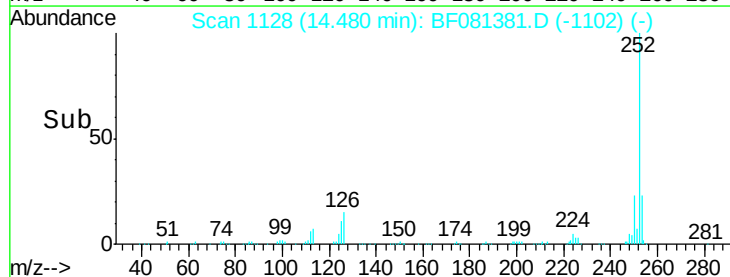
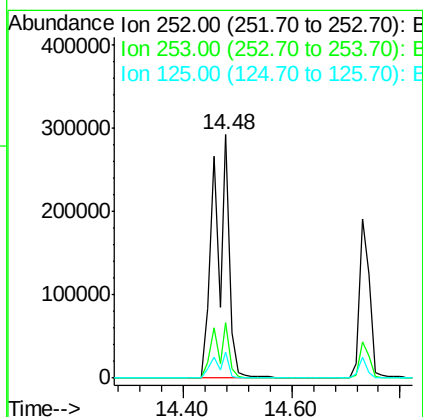
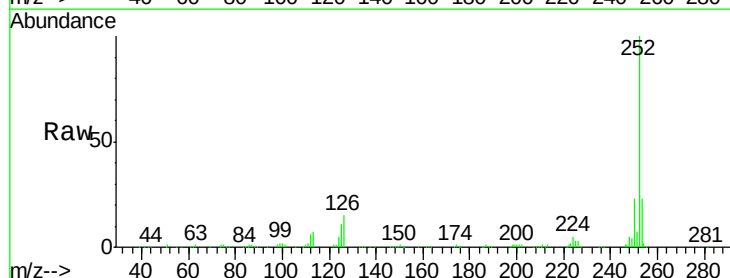
Instrument :
BNA_F
ClientSampleId :
PB85360BS

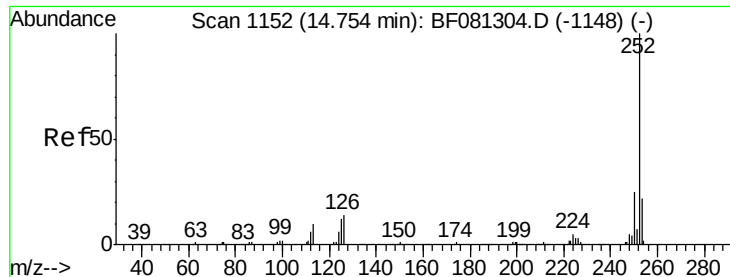
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	17.1	25.7#



#88
Benzo(k)fluoranthene
Concen: 84.99 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081381.D
Acq: 3 Sep 2015 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	10.7	16.0	24.0#





#89

Benzo(a)pyrene

Concen: 37.10 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

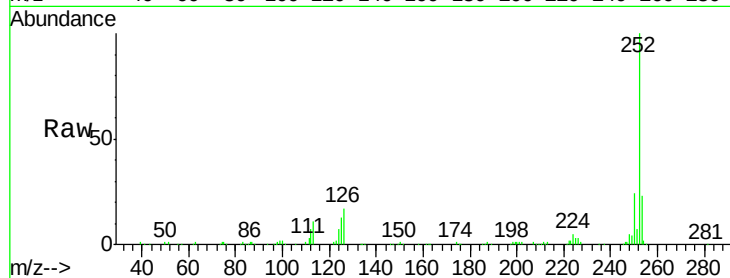
Tot Ion:252 Resp: 245840

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

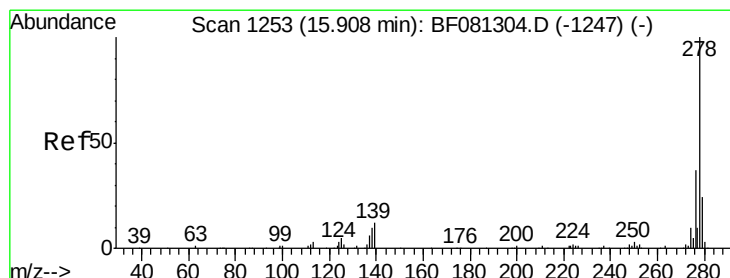
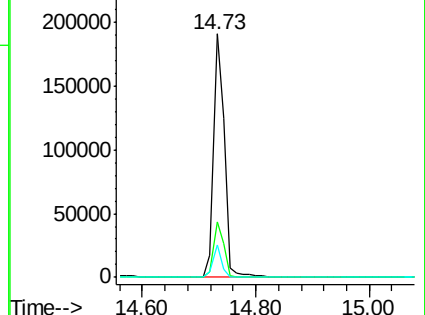
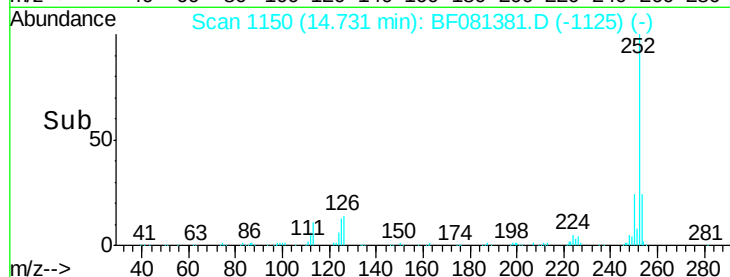
125 13.5 18.0 27.0#



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: 37.22 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

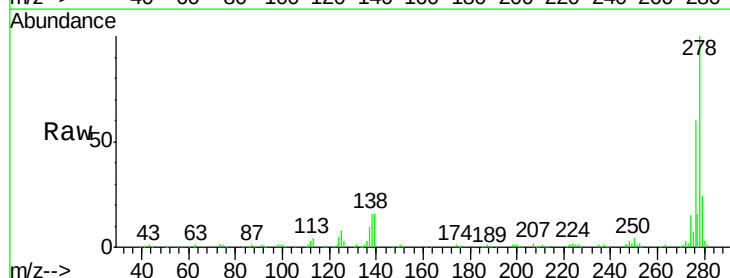
Tgt Ion:278 Resp: 190578

Ion Ratio Lower Upper

278 100

139 16.1 26.3 39.5#

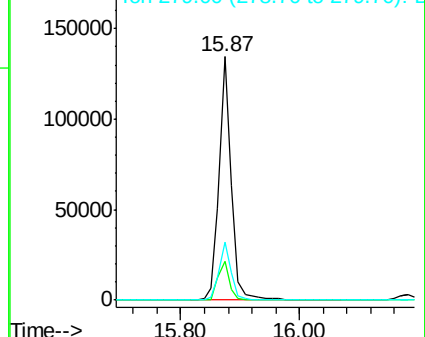
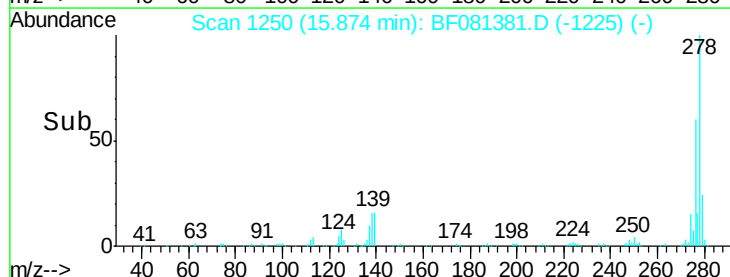
279 23.9 18.2 27.4

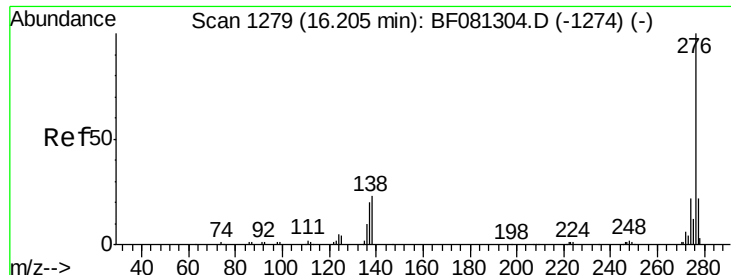


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.69 ng

RT: 16.18 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF081381.D

Acq: 3 Sep 2015 17:37

Instrument :

BNA_F

ClientSampleId :

PB85360BS

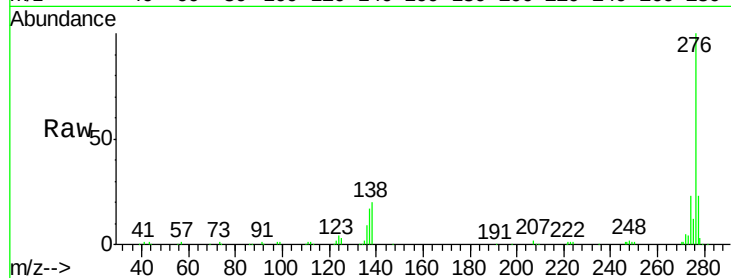
Tot Ion: 276 Resp: 193939

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 20.4 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

