

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081303.D
 Acq On : 1 Sep 2015 14:41
 Operator : UM/IZ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 15:53:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 15:44:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	54883	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	213202	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	94229	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	186492	20.00	ng	0.00
75) Chrysene-d12	13.50	240	162871	20.00	ng	0.00
86) Perylene-d12	14.80	264	121320	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	178394	25.41	ng	0.00
7) Phenol-d6	6.04	99	223786	23.51	ng	-0.01
23) Nitrobenzene-d5	6.97	82	224859	25.38	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	45879	27.66	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	411534	26.22	ng	0.00
78) Terphenyl-d14	12.47	244	349822	25.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	39229	24.97	ng	95
3) Pyridine	2.28	79	98789	23.86	ng	93
4) n-Nitrosodimethylamine	2.24	42	63765	27.25	ng	# 79
6) Aniline	6.04	93	158685	23.63	ng	# 72
8) 2-Chlorophenol	6.17	128	98979	25.51	ng	86
9) Benzaldehyde	5.92	77	74544	24.99	ng	# 71
10) Phenol	6.07	94	128153	23.24	ng	72
11) bis(2-Chloroethyl)ether	6.14	93	94019	24.05	ng	86
12) 1,3-Dichlorobenzene	6.32	146	99287	24.16	ng	# 87
13) 1,4-Dichlorobenzene	6.41	146	102301	24.23	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	102301	25.79	ng	96
15) Benzyl Alcohol	6.55	79	90994	23.66	ng	# 67
16) 2,2'-oxybis(1-Chloropropan	6.70	45	193725	24.81	ng	93
17) 2-Methylphenol	6.68	107	80038	25.94	ng	# 81
18) Hexachloroethane	6.90	117	42635	25.54	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	78603	24.82	ng	# 83
20) 3+4-Methylphenols	6.84	107	106168	25.06	ng	88
22) Acetophenone	6.82	105	142918	24.60	ng	# 84
24) Nitrobenzene	6.98	77	114020	24.70	ng	# 61
25) Isophorone	7.23	82	211945	26.27	ng	# 85
26) 2-Nitrophenol	7.30	139	49436	25.81	ng	# 31
27) 2,4-Dimethylphenol	7.37	122	83280	24.42	ng	# 83
28) bis(2-Chloroethoxy)methane	7.46	93	120563	25.31	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	76428	25.51	ng	95
30) 1,2,4-Trichlorobenzene	7.62	180	76730	24.19	ng	# 94
31) Naphthalene	7.70	128	305857	25.97	ng	98
32) Benzoic acid	7.50	122	60695	26.67	ng	# 56
33) 4-Chloroaniline	7.77	127	116045	24.55	ng	# 95
34) Hexachlorobutadiene	7.83	225	51341	25.55	ng	97
35) Caprolactam	8.14	113	24244	26.57	ng	# 43
36) 4-Chloro-3-methylphenol	8.26	107	92993	27.91	ng	# 76
37) 2-Methylnaphthalene	8.39	142	171889	23.97	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	82611	25.89	ng	99
40) Hexachlorocyclopentadiene	8.55	237	38241	28.01	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	52019	25.76	nq	96
43) 2,4,5-Trichlorophenol	8.72	196	56743	26.87	nq #	93
45) 1,1'-Biphenyl	8.86	154	227088	25.49	nq	95
46) 2-Chloronaphthalene	8.87	162	153862	23.20	nq #	83
47) 2-Nitroaniline	8.98	65	72540	28.80	nq #	70
48) Acenaphthylene	9.28	152	294374	25.48	nq	97
49) Dimethylphthalate	9.18	163	196460	25.11	nq #	96
50) 2,6-Dinitrotoluene	9.23	165	38690	23.09	nq	93
51) Acenaphthene	9.45	154	159497	24.39	nq	91
52) 3-Nitroaniline	9.39	138	54294	26.94	nq #	77
53) 2,4-Dinitrophenol	9.50	184	17188	30.33	nq #	4
54) Dibenzofuran	9.62	168	230707	23.97	nq #	85
55) 4-Nitrophenol	9.58	139	30440	25.97	nq #	49
56) 2,4-Dinitrotoluene	9.62	165	52547	24.67	nq #	18
57) Fluorene	9.96	166	190700	25.67	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.70	232	36680	23.44	nq	95
59) Diethylphthalate	9.86	149	193299	23.80	nq	95
60) 4-Chlorophenyl-phenylether	9.96	204	86935	24.01	nq #	80
61) 4-Nitroaniline	10.00	138	55471	28.86	nq #	49
62) Azobenzene	10.12	77	239348	26.56	nq	89
64) 4,6-Dinitro-2-methylphenol	10.03	198	24096	24.34	nq #	74
65) n-Nitrosodiphenylamine	10.09	169	173194	24.69	nq	91
66) 4-Bromophenyl-phenylether	10.44	248	45873	24.26	nq #	79
67) Hexachlorobenzene	10.50	284	50977	25.57	nq #	91
68) Atrazine	10.63	200	50689	25.07	nq	81
69) Pentachlorophenol	10.71	266	16160	26.96	nq	98
70) Phenanthrene	10.90	178	247582	22.46	nq	98
71) Anthracene	10.96	178	286285	25.97	nq	98
72) Carbazole	11.12	167	243488	23.47	nq #	95
73) Di-n-butylphthalate	11.47	149	286395	24.60	nq #	98
74) Fluoranthene	12.08	202	292672	25.33	nq	89
76) Benzidine	12.22	184	167051	24.78	nq	98
77) Pyrene	12.30	202	291442	23.95	nq	99
79) Butylbenzylphthalate	12.95	149	118860	25.27	nq #	63
80) Benzo(a)anthracene	13.49	228	246656	23.76	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	88844	26.73	nq #	94
82) Chrysene	13.52	228	244796	26.49	nq	96
83) Bis(2-ethylhexyl)phthalate	13.52	149	168702	26.31	nq #	89
84) Di-n-octyl phthalate	14.13	149	271078	26.09	nq	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	166314	24.66	nq #	87
87) Benzo(b)fluoranthene	14.47	252	393575	45.10	nq #	88
88) Benzo(k)fluoranthene	14.47	252	393575	52.85	nq #	90
89) Benzo(a)pyrene	14.75	252	189357	25.79	nq #	85
90) Dibenzo(a,h)anthracene	15.90	278	136249	24.75	nq #	81
91) Benzo(g,h,i)perylene	16.21	276	130124	24.75	nq #	77

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

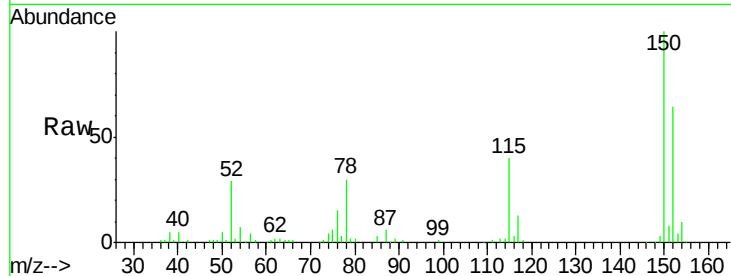


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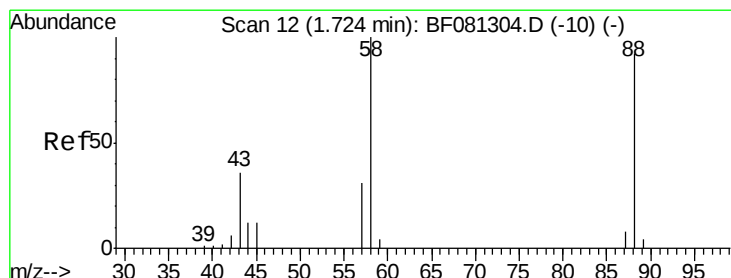
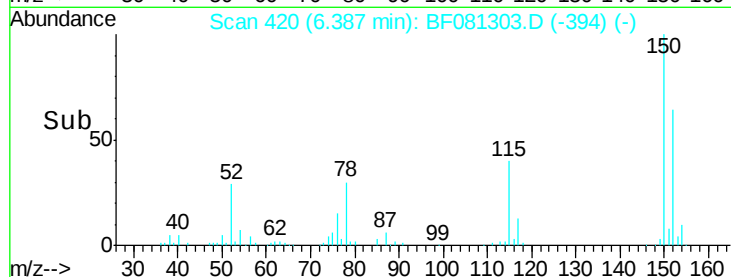
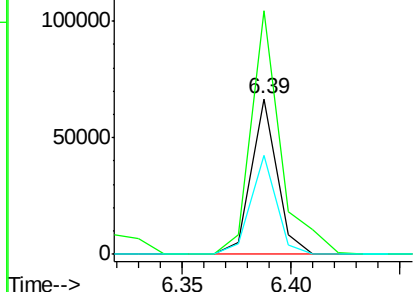
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54883
Ion Ratio Lower Upper
152 100
150 156.3 124.7 187.1
115 63.3 39.0 58.4#



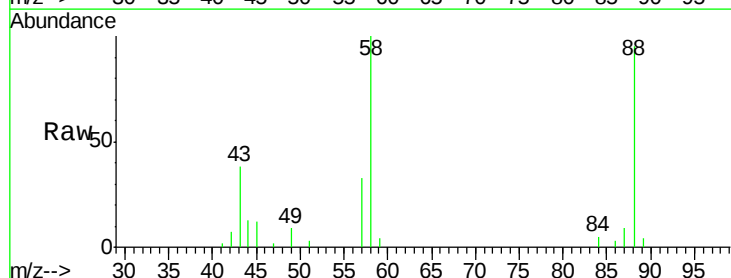
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



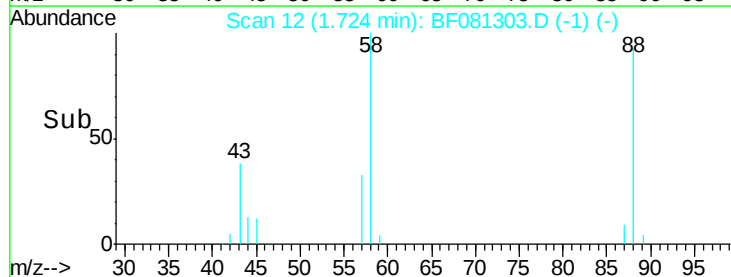
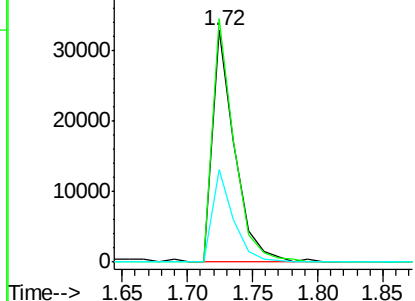
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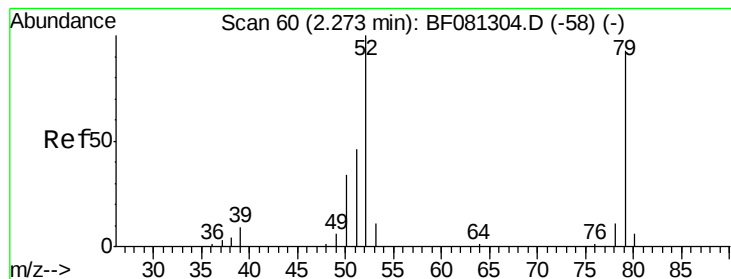
1,4-Dioxane
Concen: 24.97 ng
RT: 1.72 min Scan# 12
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion: 88 Resp: 39229
Ion Ratio Lower Upper
88 100
58 101.6 77.7 116.5
43 37.6 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 23.86 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

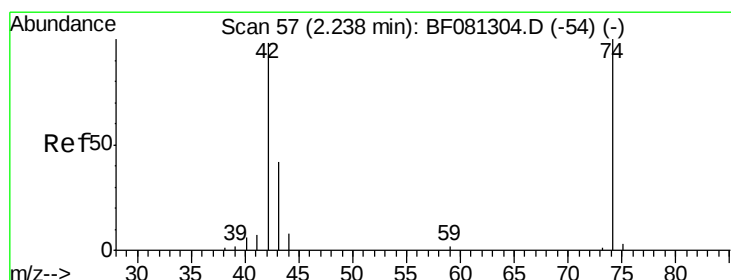
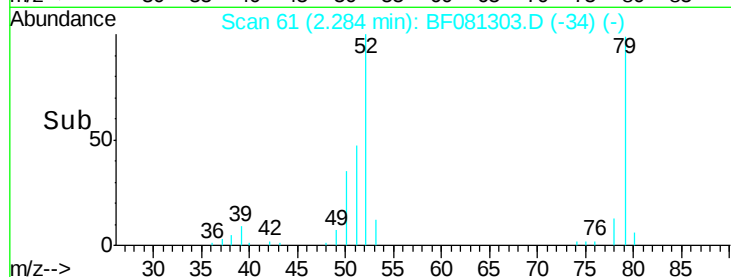
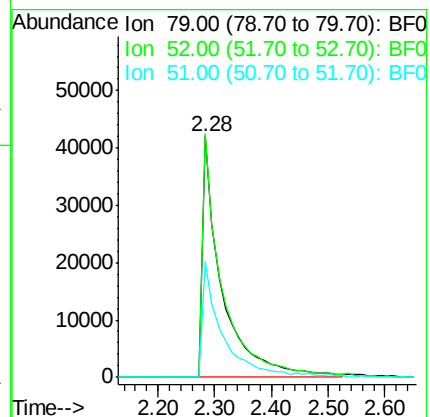
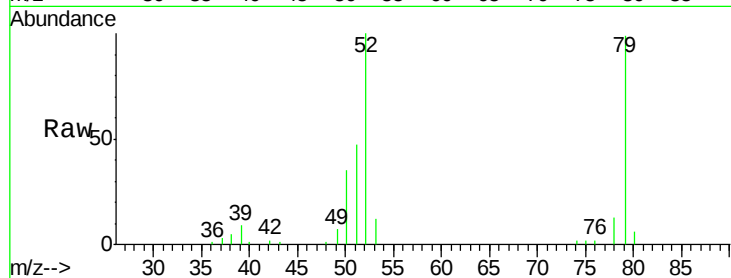
Tot Ion: 79 Resp: 98789

Ion Ratio Lower Upper

79 100

52 101.2 76.8 115.2

51 47.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 27.25 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

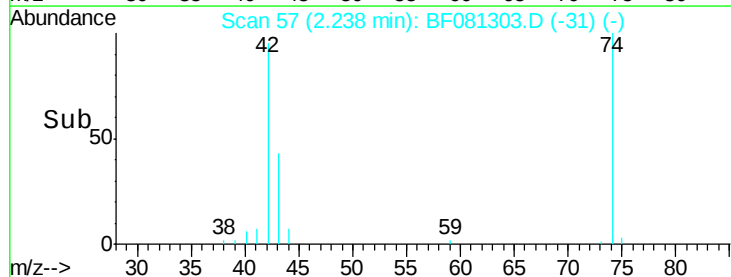
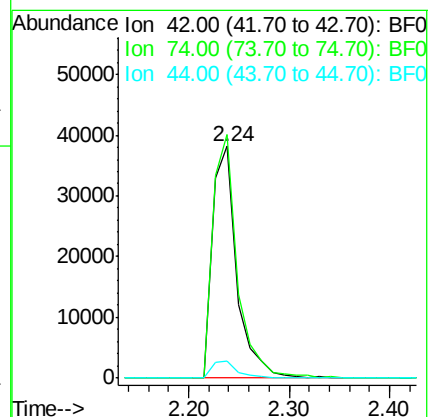
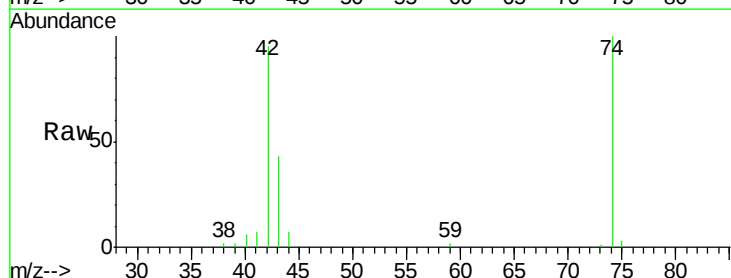
Tgt Ion: 42 Resp: 63765

Ion Ratio Lower Upper

42 100

74 105.0 105.0 157.6#

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 25.41 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

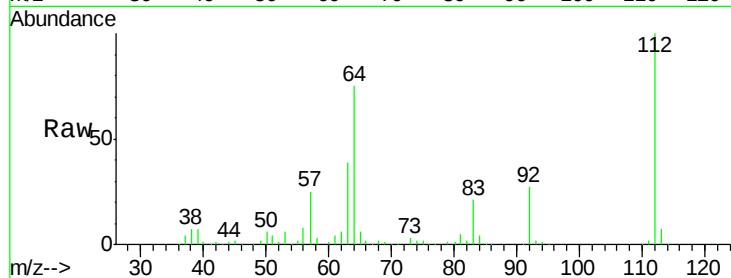
Tot Ion:112 Resp: 178394

Ion Ratio Lower Upper

112 100

64 74.6 39.7 59.5#

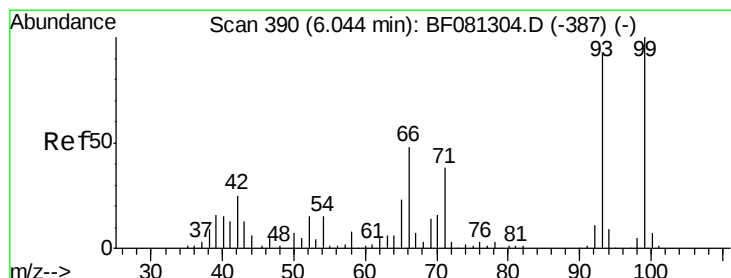
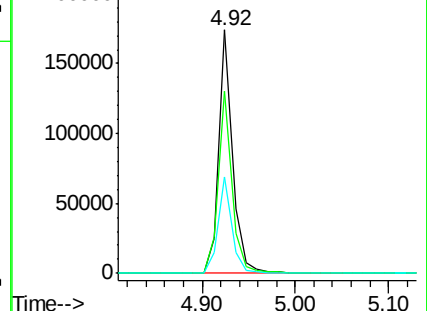
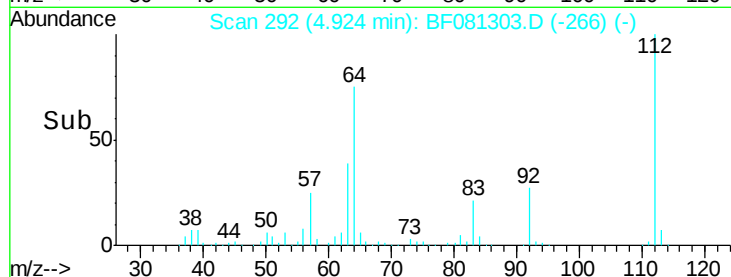
63 39.4 17.4 26.0#



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: 23.63 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

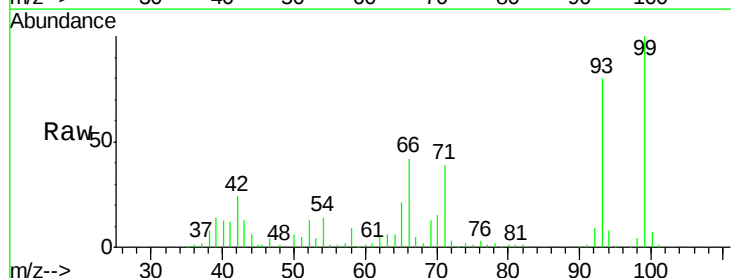
Tgt Ion: 93 Resp: 158685

Ion Ratio Lower Upper

93 100

66 53.0 27.2 40.8#

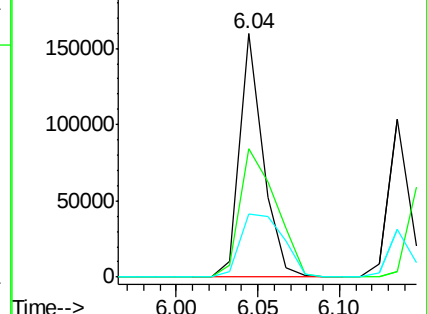
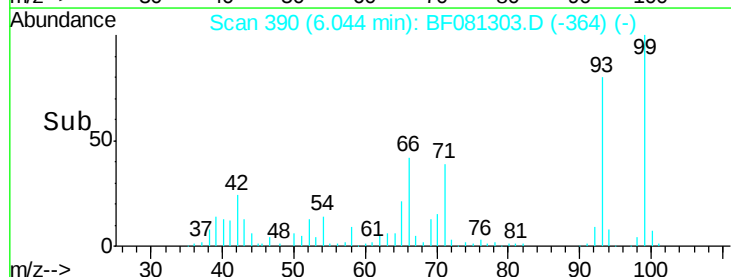
65 26.1 14.7 22.1#

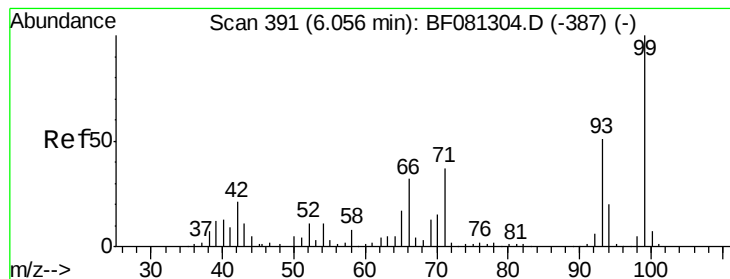


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.51 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

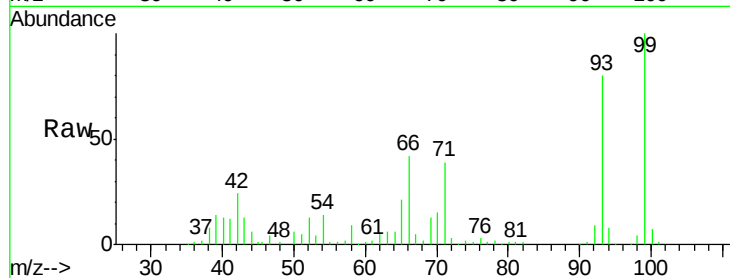
Tot Ion: 99 Resp: 223786

Ion Ratio Lower Upper

99 100

42 24.2 13.7 20.5#

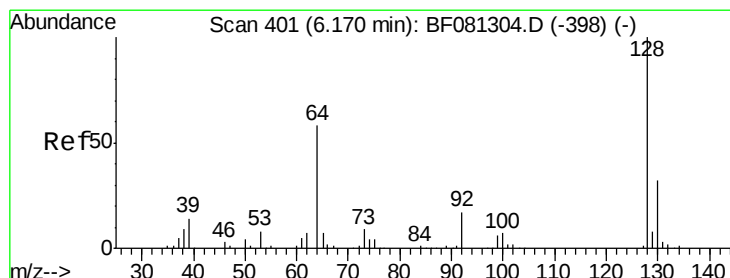
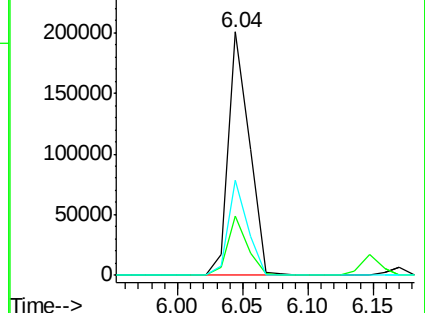
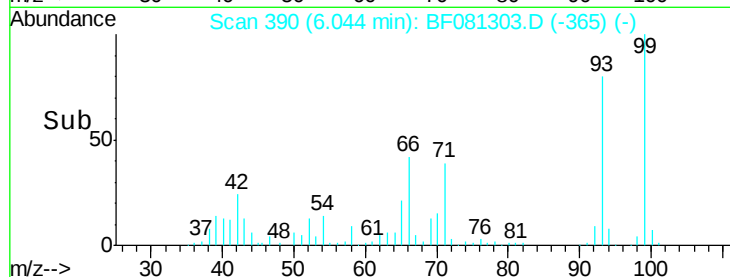
71 38.9 14.2 21.2#



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: 25.51 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

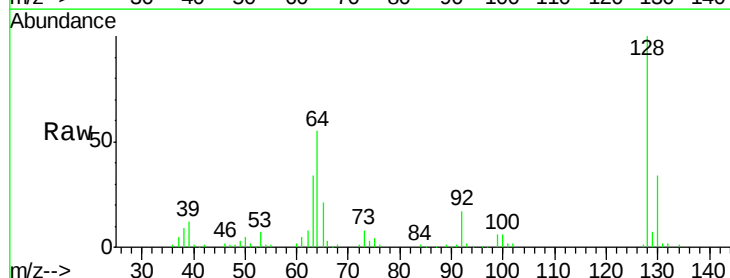
Tgt Ion: 128 Resp: 98979

Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

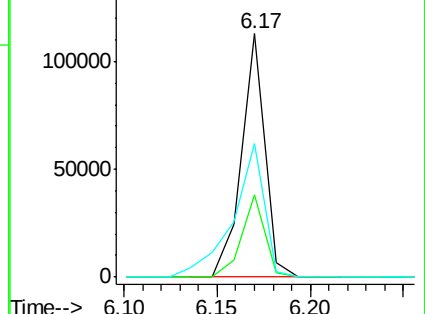
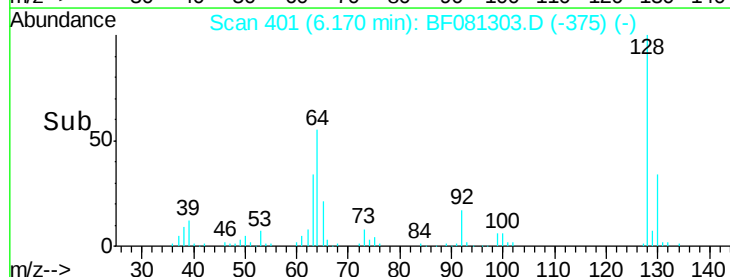
64 55.0 20.5 60.5

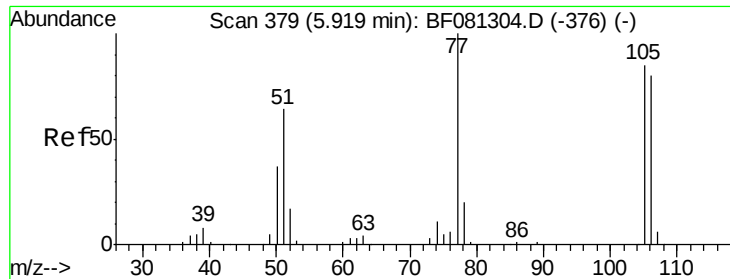


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

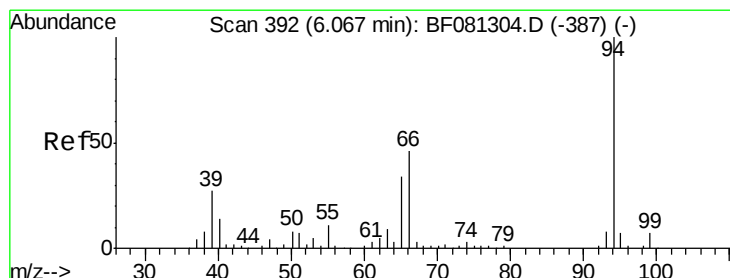
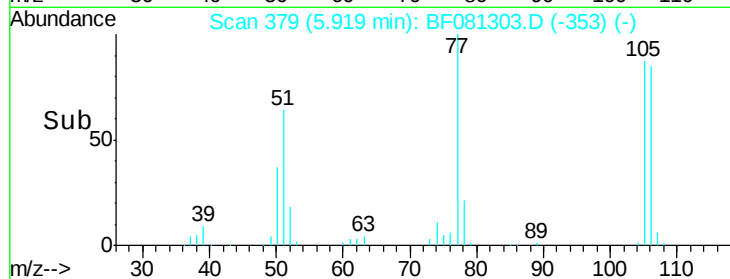
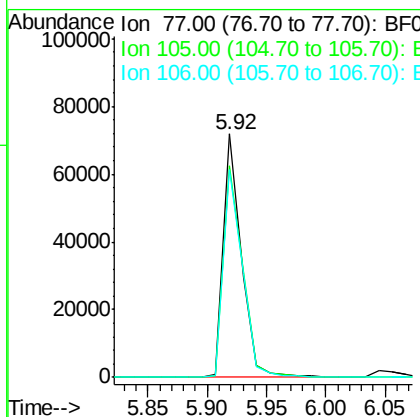
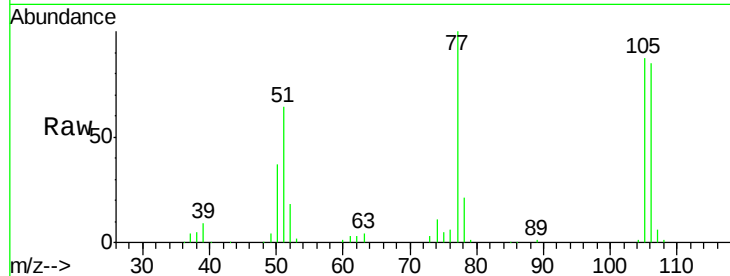




#9
Benzaldehyde
Concen: 24.99 ng
RT: 5.92 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

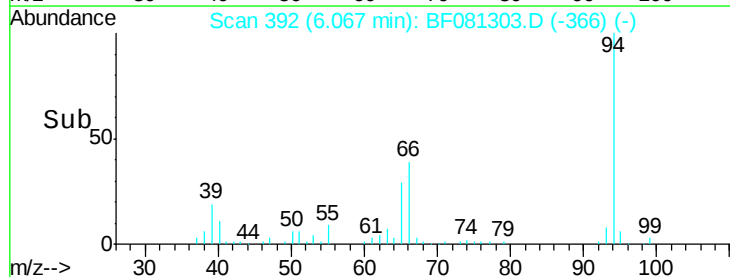
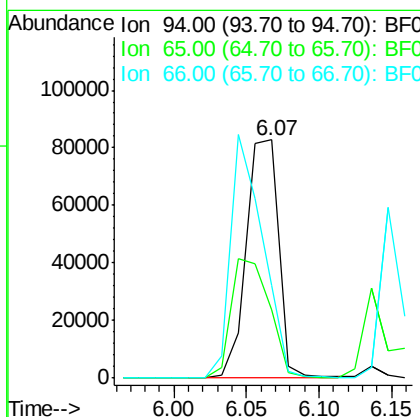
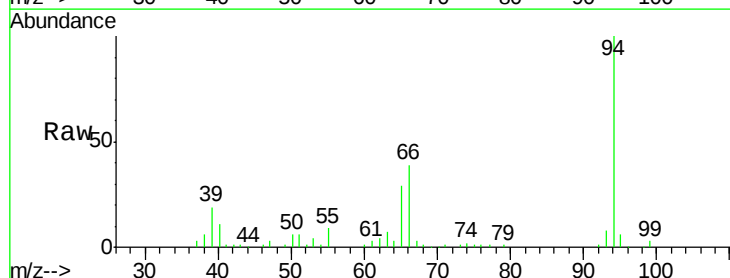
Instrument :
BNA_F
ClientSampleId :

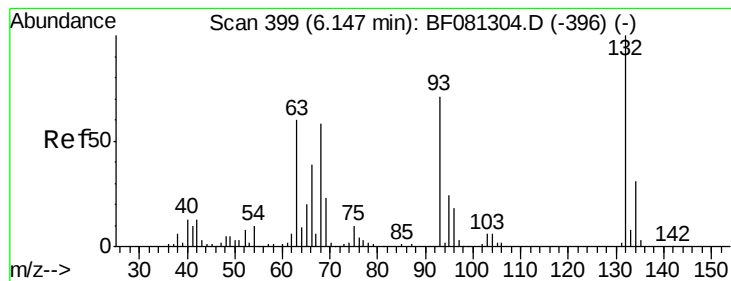
Tot Ion: 77 Resp: 74544
Ion Ratio Lower Upper
77 100
105 86.7 91.6 131.6#
106 85.3 102.6 142.6#



#10
Phenol
Concen: 23.24 ng
RT: 6.07 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion: 94 Resp: 128153
Ion Ratio Lower Upper
94 100
65 28.5 0.7 40.7
66 38.7 0.8 40.8

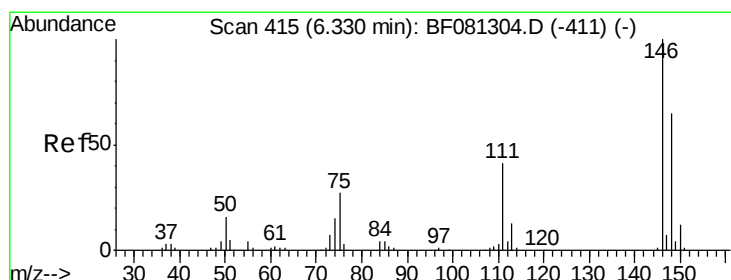
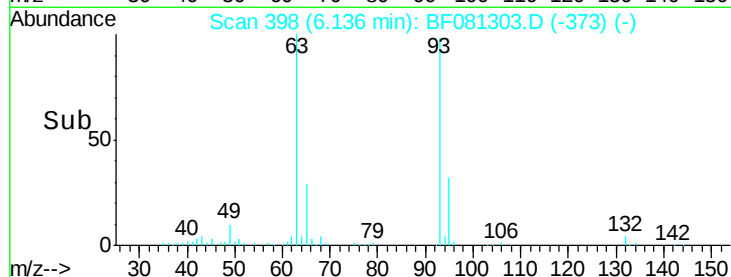
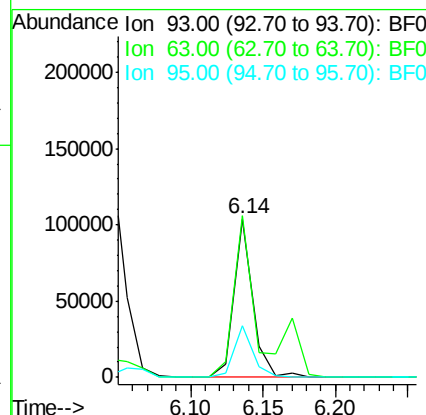
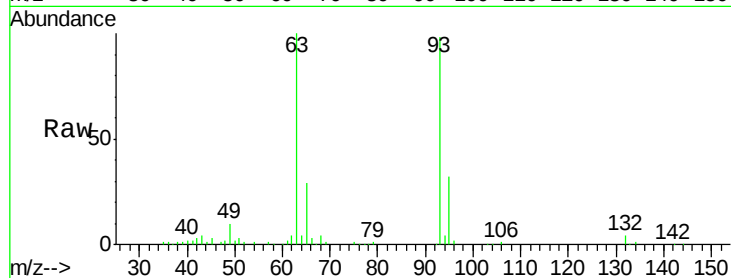




#11
bis(2-Chloroethyl)ether
Concen: 24.05 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

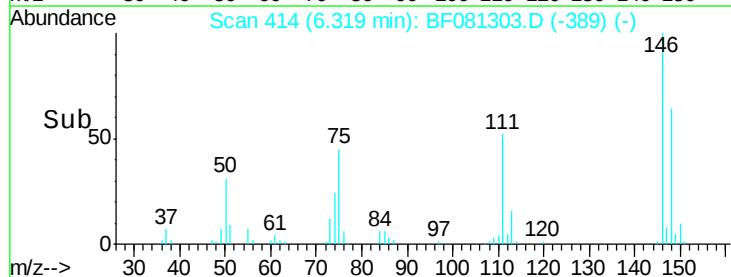
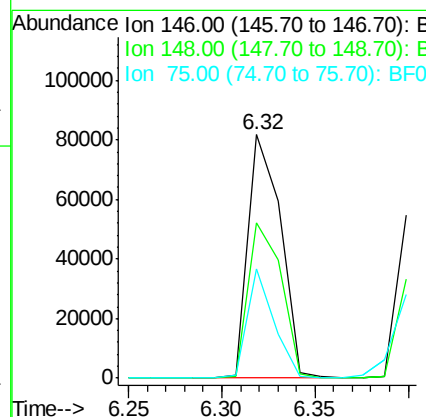
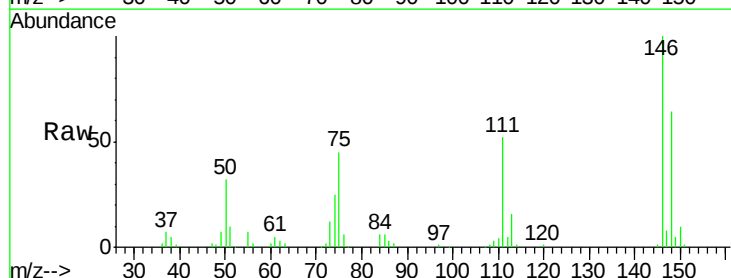
Instrument :
BNA_F
ClientSampleId :

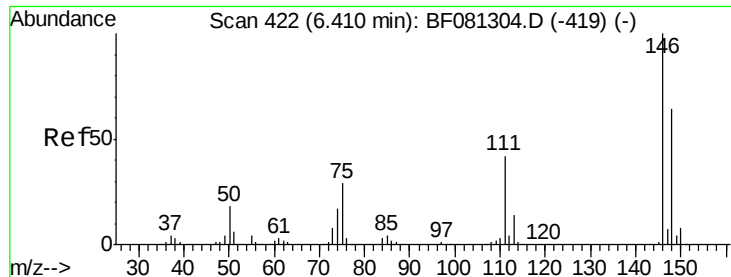
Tot Ion: 93 Resp: 94019
Ion Ratio Lower Upper
93 100
63 102.3 65.6 105.6
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 24.16 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion: 146 Resp: 99287
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 44.7 15.0 22.6#

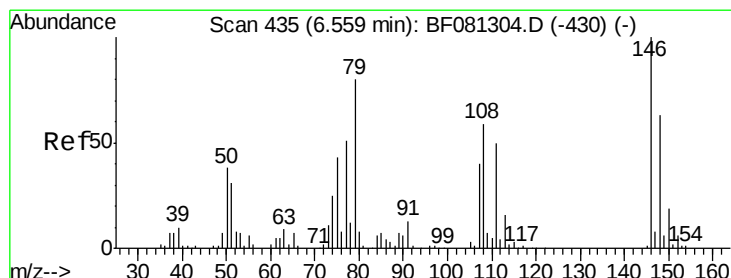
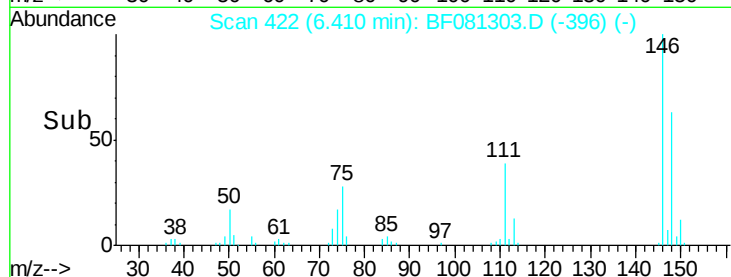
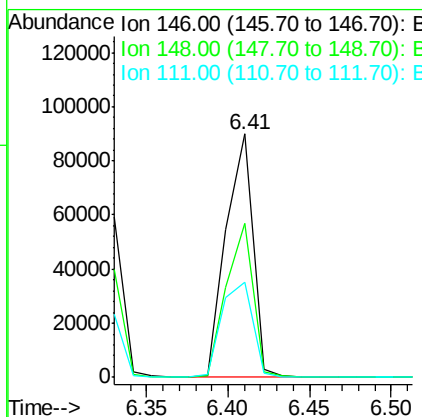
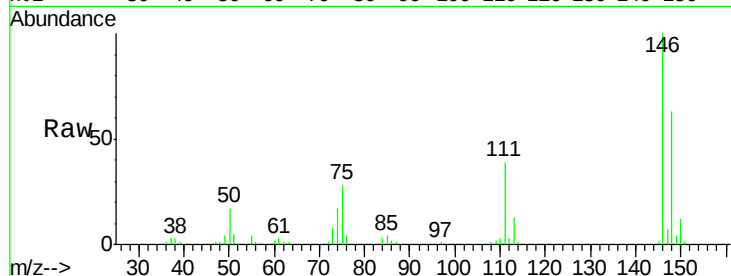




#13
 1,4-Dichlorobenzene
 Concen: 24.23 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

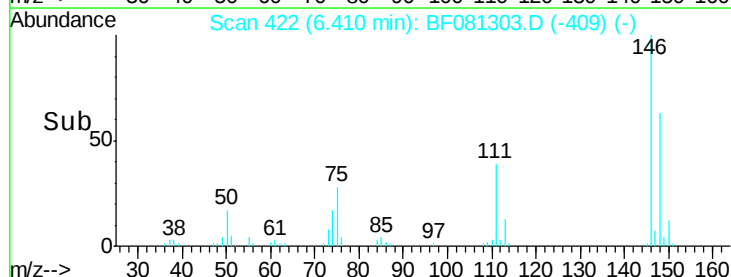
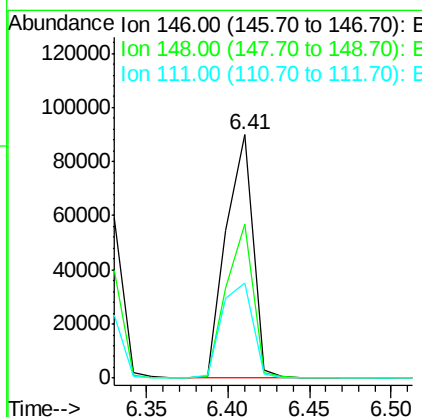
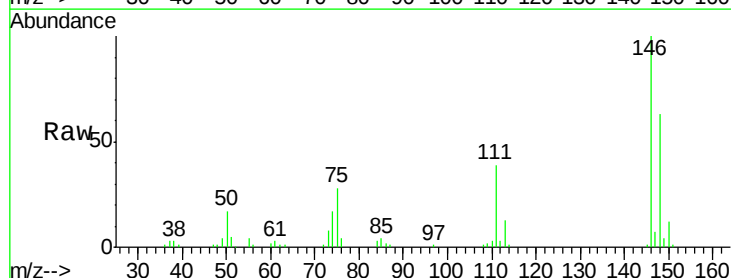
Instrument :
 BNA_F
 ClientSampled :

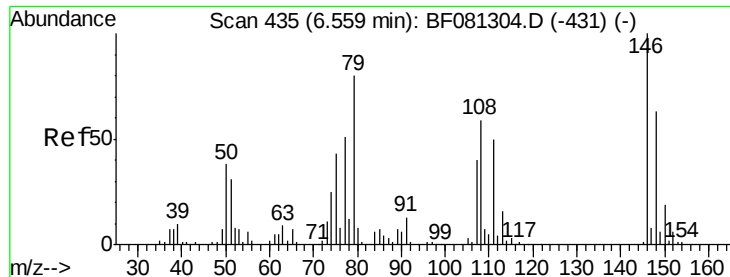
Tot Ion:146 Resp: 102301
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 111 39.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 25.79 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:146 Resp: 102301
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.7 79.1
 111 39.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 23.66 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

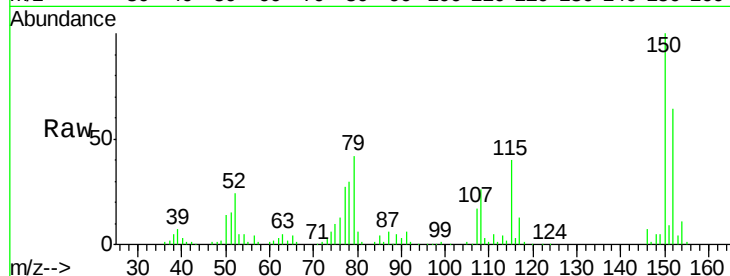
Tot Ion: 79 Resp: 90994

Ion Ratio Lower Upper

79 100

108 61.9 88.6 132.8#

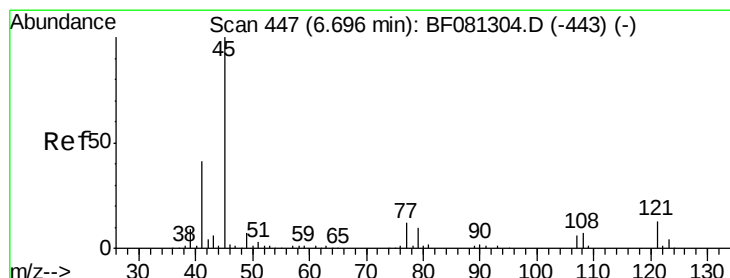
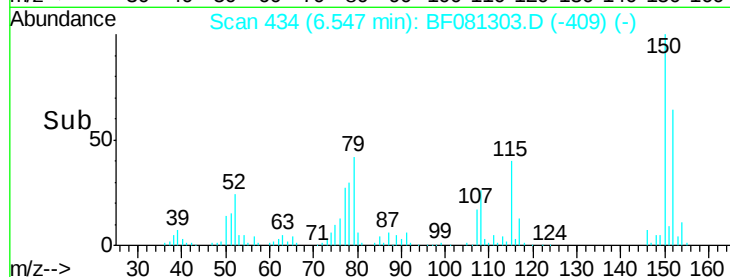
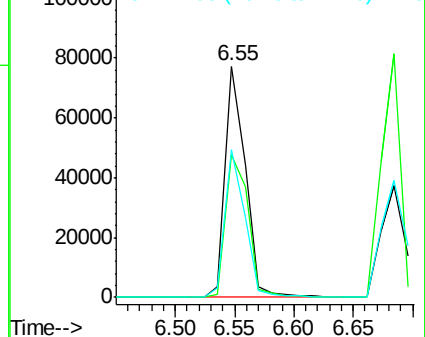
77 64.2 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 24.81 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

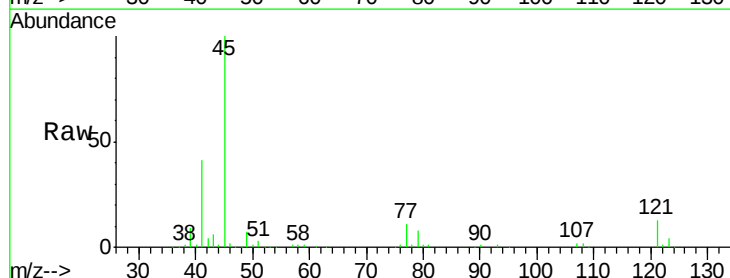
Tgt Ion: 45 Resp: 193725

Ion Ratio Lower Upper

45 100

77 10.7 0.0 28.1

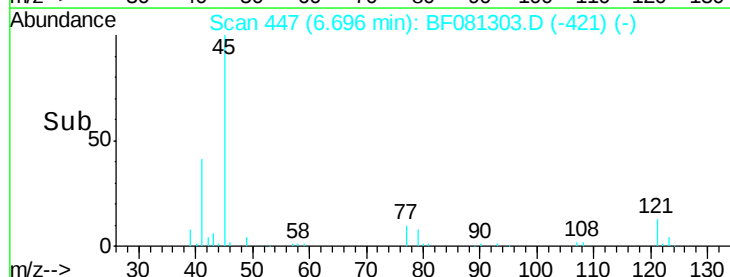
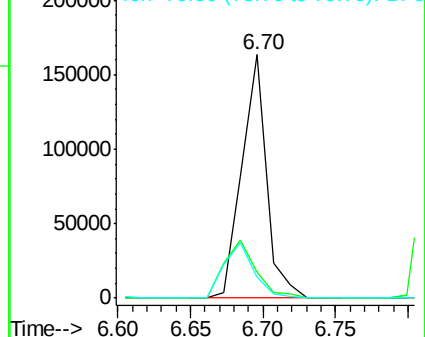
79 8.5 0.0 26.0

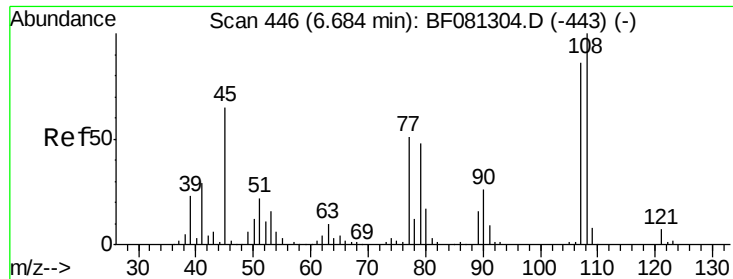


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

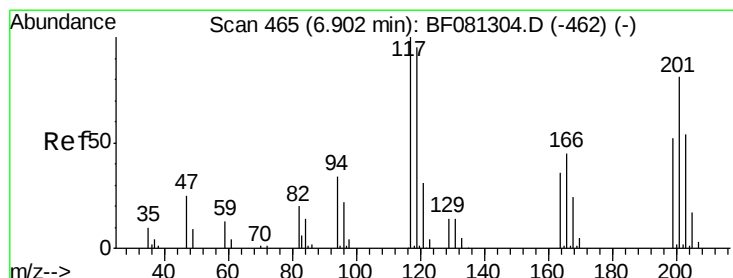
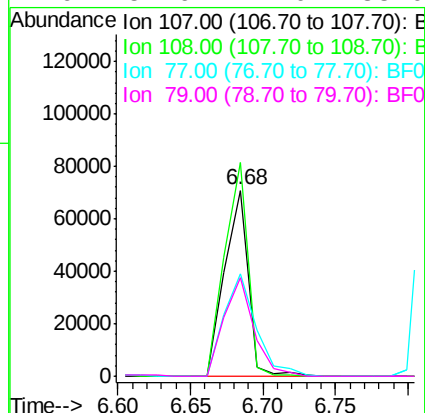
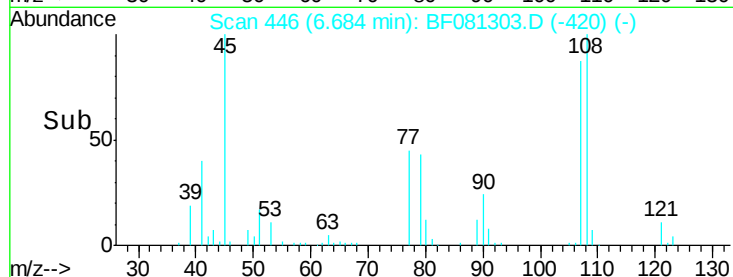
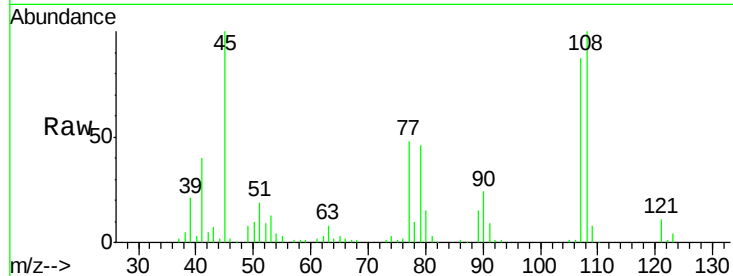




#17
2-Methylphenol
Concen: 25.94 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

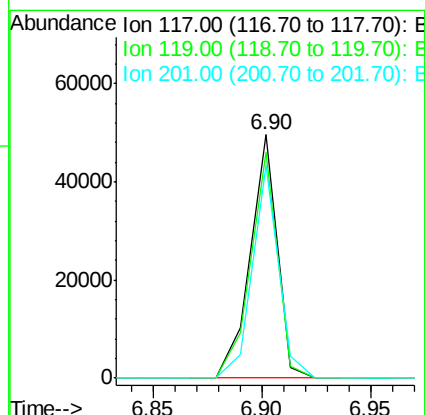
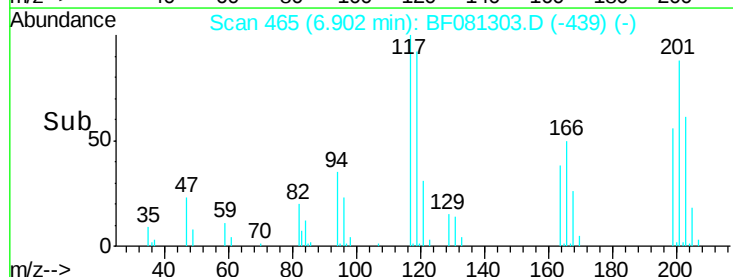
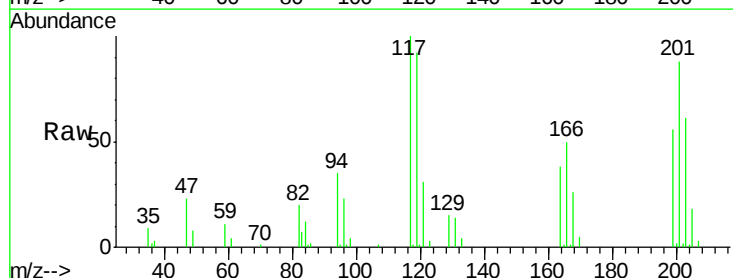
Instrument :
BNA_F
ClientSampleId :

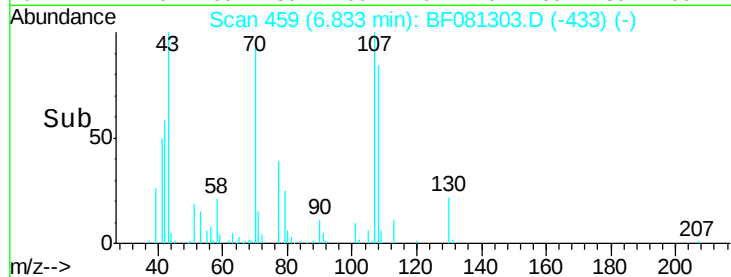
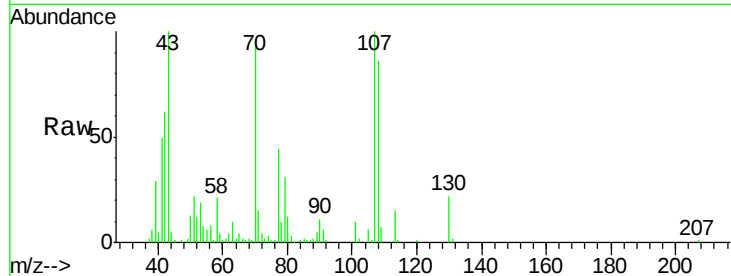
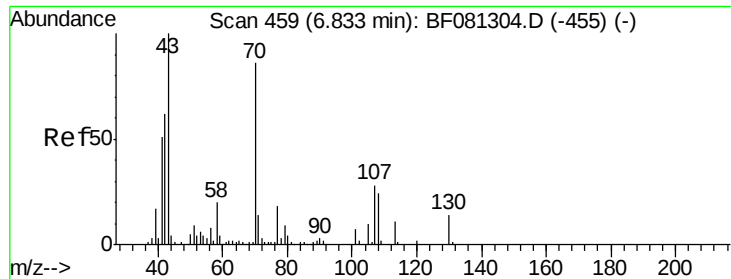
Tot Ion:107 Resp: 80038
Ion Ratio Lower Upper
107 100
108 114.7 96.6 145.0
77 55.3 23.3 34.9#
79 52.6 22.0 33.0#



#18
Hexachloroethane
Concen: 25.54 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:117 Resp: 42635
Ion Ratio Lower Upper
117 100
119 92.5 83.8 125.6
201 87.7 55.1 82.7#

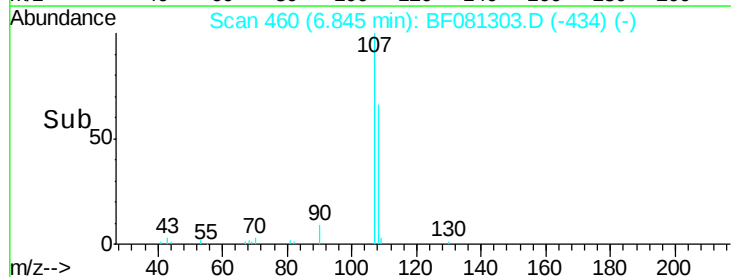
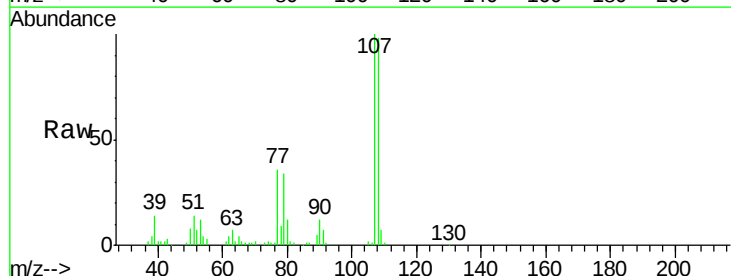
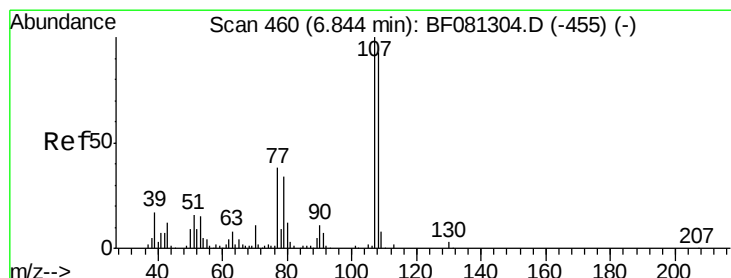
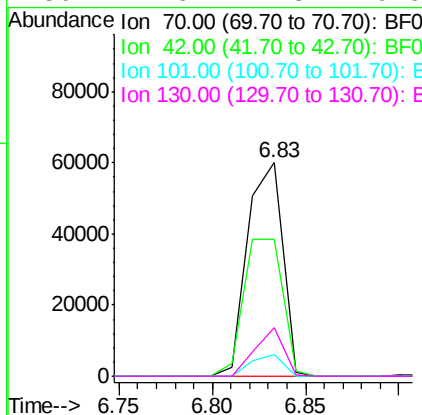




#19
n-Nitroso-di-n-propylamine
Concen: 24.82 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

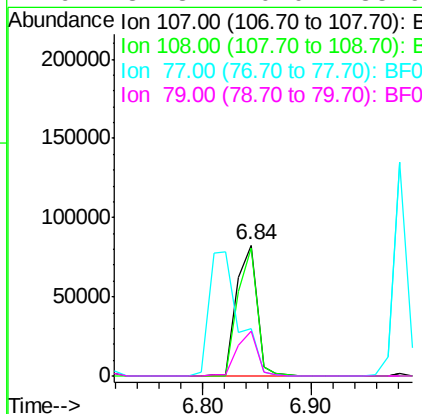
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 78603
Ion Ratio Lower Upper
70 100
42 64.3 63.8 95.6
101 10.4 9.2 13.8
130 22.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 25.06 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:107 Resp: 106168
Ion Ratio Lower Upper
107 100
108 97.9 74.6 114.6
77 36.2 0.7 40.7
79 34.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081303.D

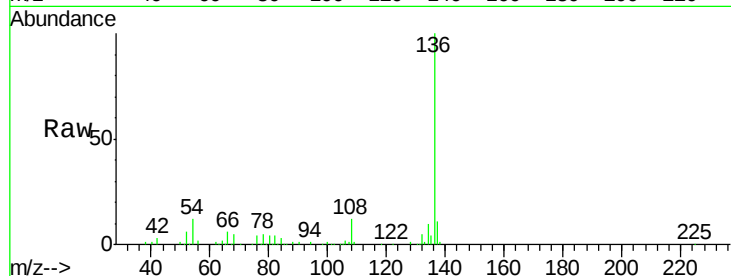
Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	213202
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	11.6	8.2 12.2
68	5.4	5.8 8.6#

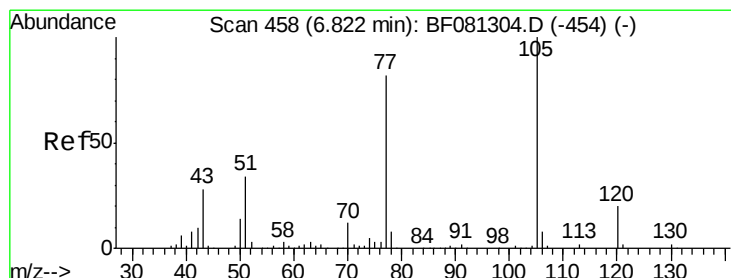
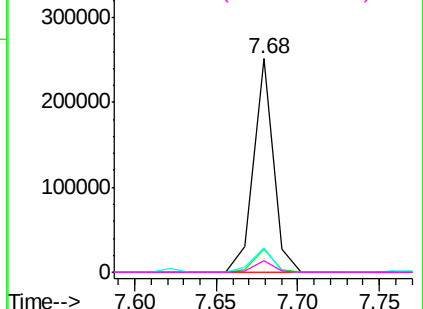
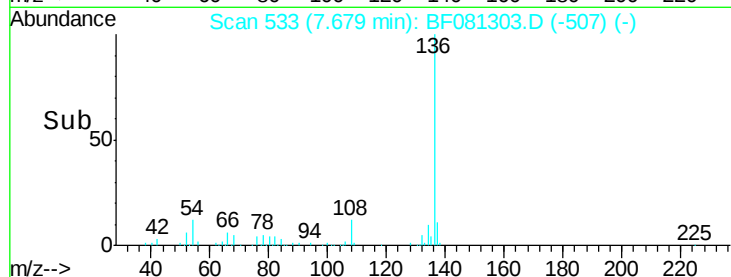


Abundance Ion 136.00 (135.70 to 136.70): E

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: 24.60 ng

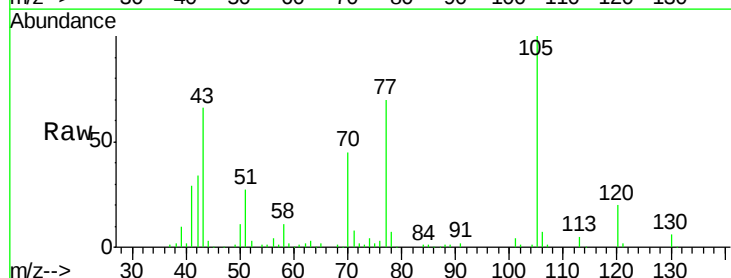
RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Tgt Ion:105	Resp:	142918
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.7 7.1#
51	26.6	22.0 33.0
120	20.4	30.1 45.1#

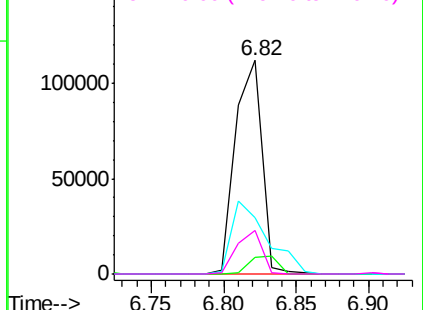
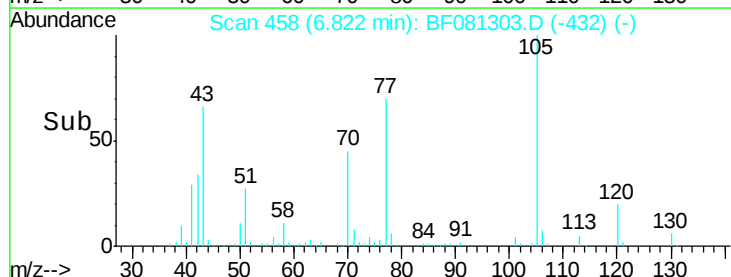


Abundance Ion 105.00 (104.70 to 105.70): E

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

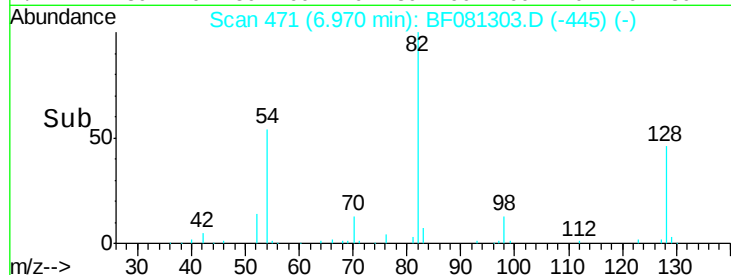
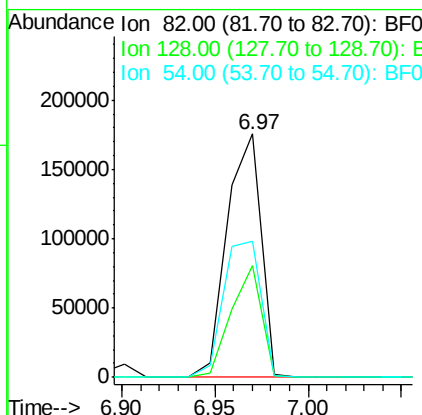
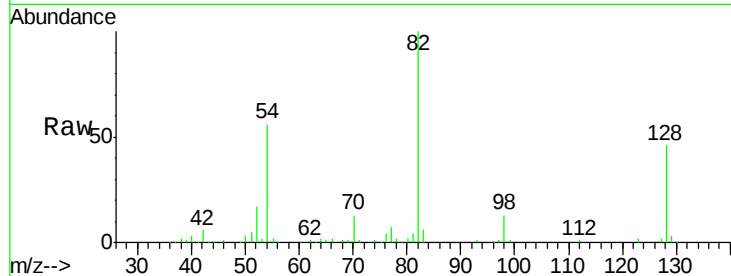




#23
 Nitrobenzene-d5
 Concen: 25.38 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

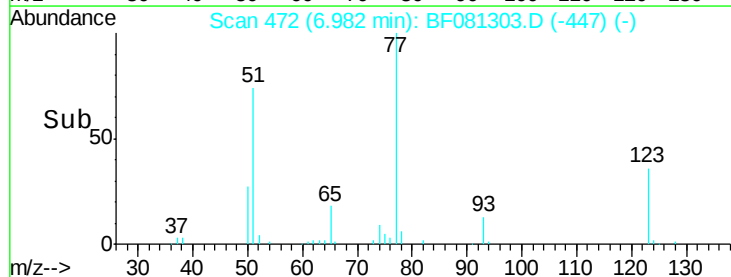
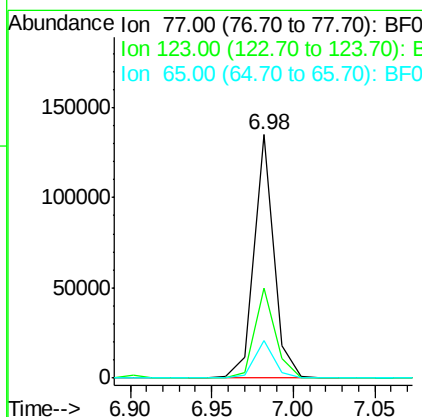
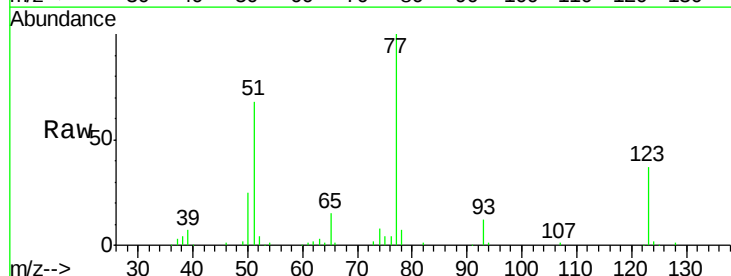
Instrument :
 BNA_F
 ClientSampled :

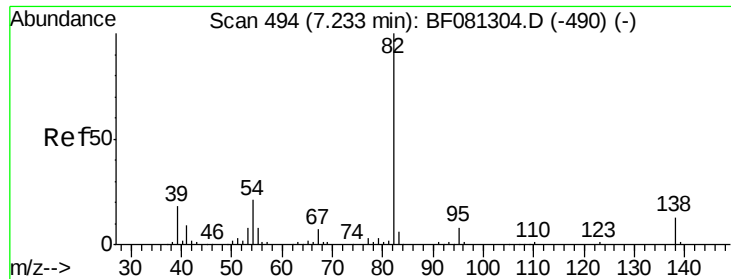
Tot Ion: 82 Resp: 224859
 Ion Ratio Lower Upper
 82 100
 128 46.0 51.0 76.6#
 54 55.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 24.70 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion: 77 Resp: 114020
 Ion Ratio Lower Upper
 77 100
 123 36.8 59.8 89.8#
 65 15.4 10.2 15.4#





#25

Isophorone

Concen: 26.27 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

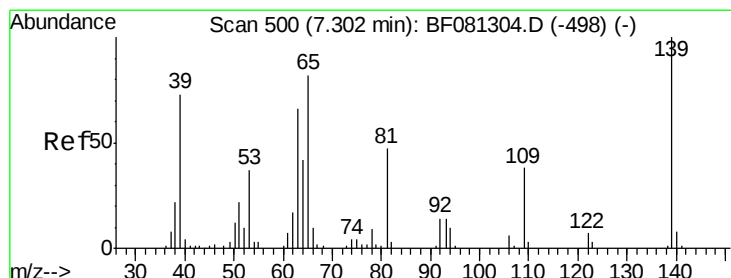
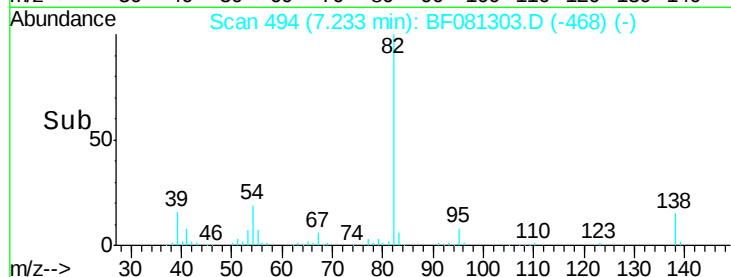
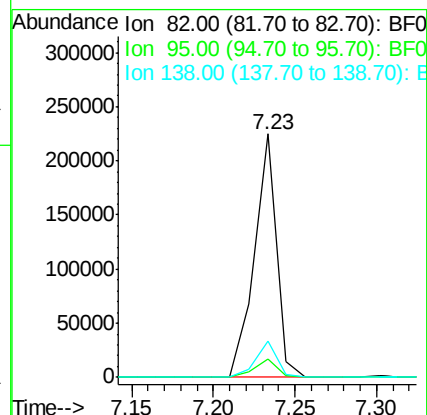
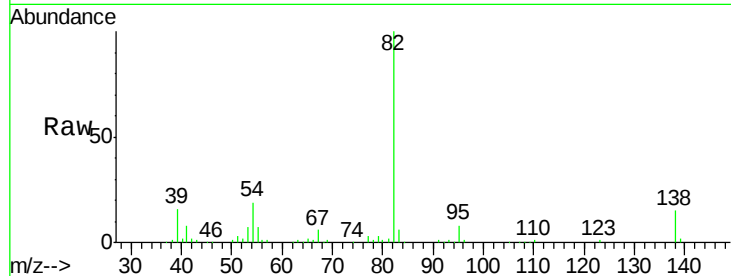
Tot Ion: 82 Resp: 211945

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

138 15.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 25.81 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

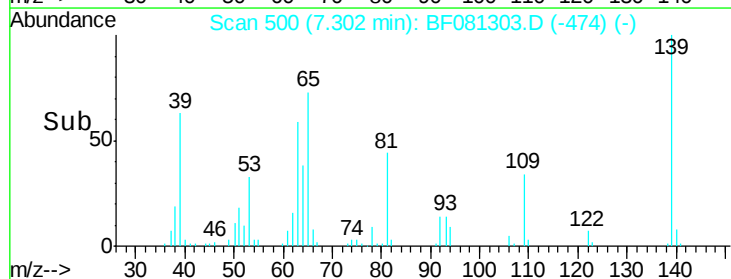
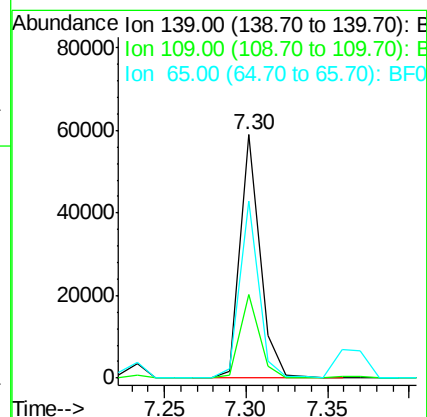
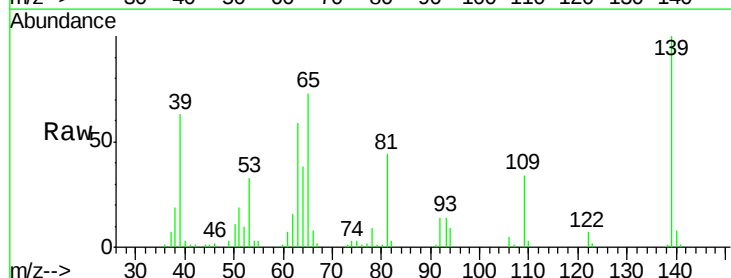
Tgt Ion: 139 Resp: 49436

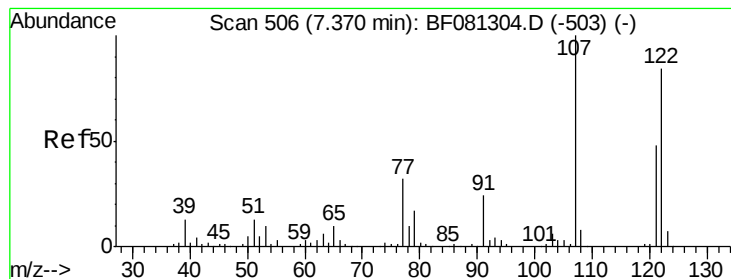
Ion Ratio Lower Upper

139 100

109 34.4 11.0 16.4#

65 72.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 24.42 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

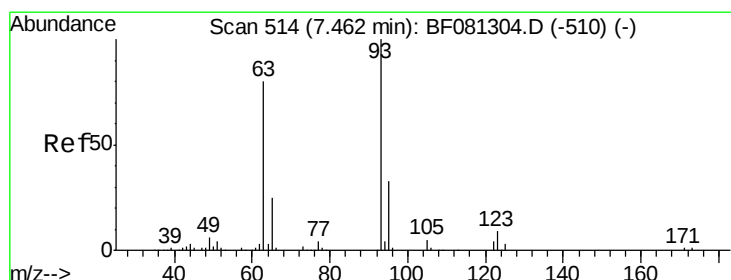
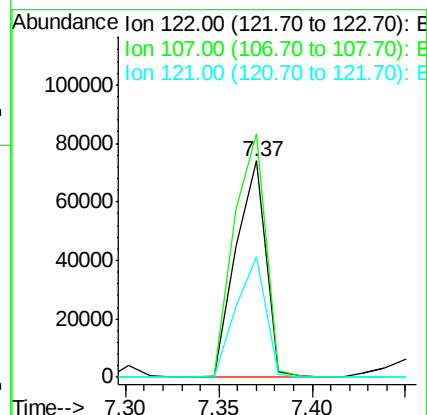
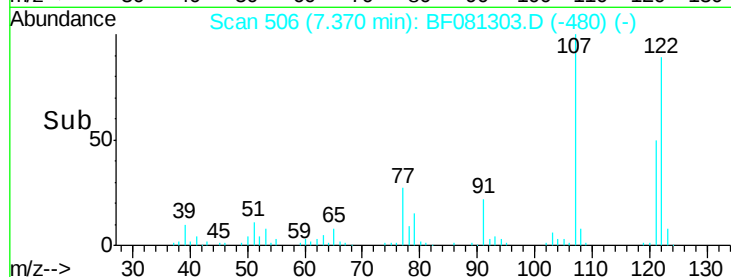
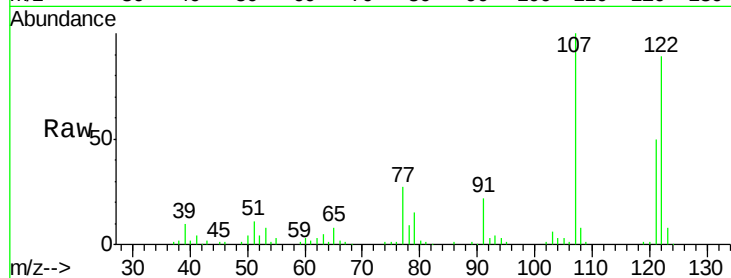
Tot Ion:122 Resp: 83280

Ion Ratio Lower Upper

122 100

107 112.5 71.8 107.6#

121 55.8 42.3 63.5



#28

bis(2-Chloroethoxy)methane

Concen: 25.31 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

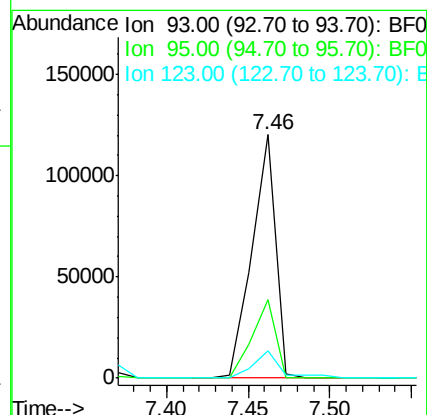
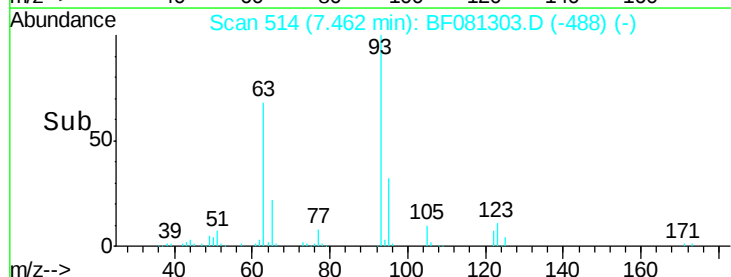
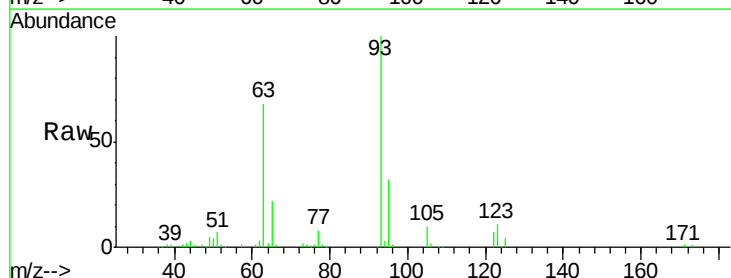
Tgt Ion: 93 Resp: 120563

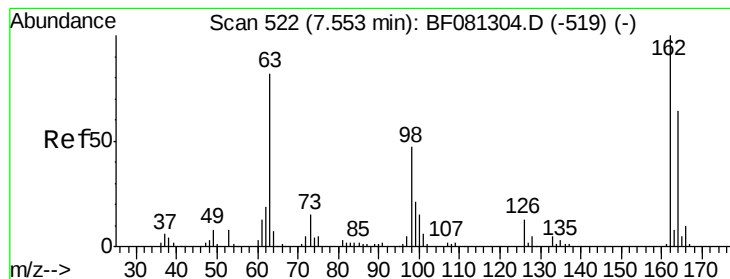
Ion Ratio Lower Upper

93 100

95 32.4 27.5 41.3

123 11.3 13.7 20.5#





#29

2,4-Dichlorophenol

Concen: 25.51 ng

RT: 7.55 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

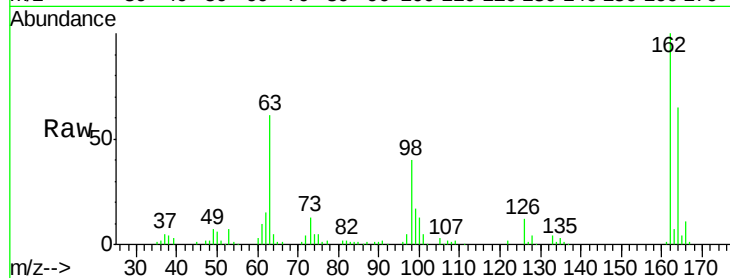
Tot Ion:162 Resp: 76428

Ion Ratio Lower Upper

162 100

164 64.6 44.9 84.9

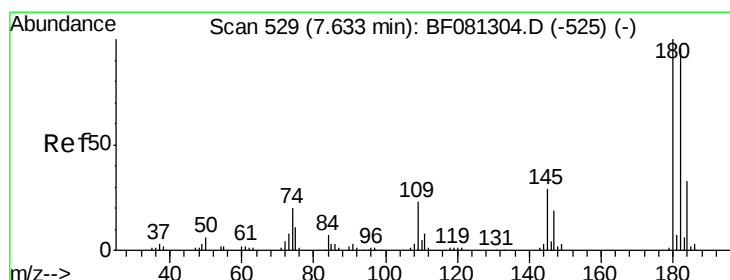
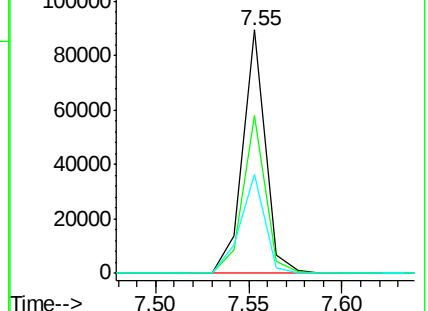
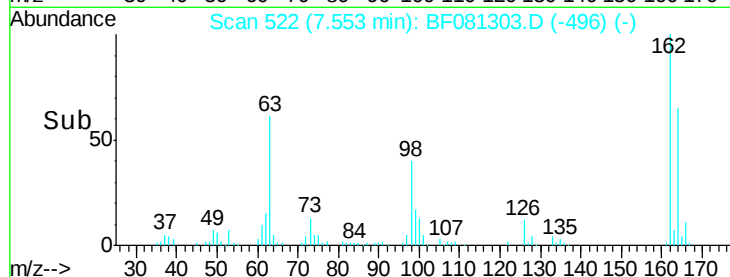
98 40.5 13.0 53.0



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: 24.19 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

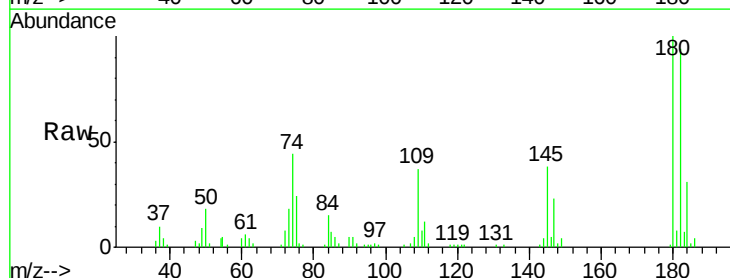
Tgt Ion:180 Resp: 76730

Ion Ratio Lower Upper

180 100

182 94.1 77.1 115.7

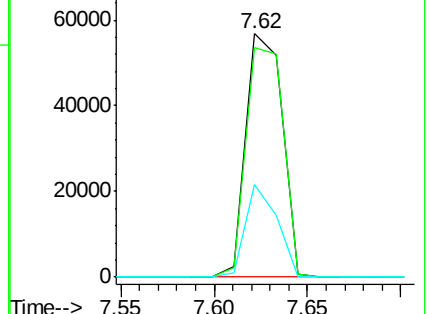
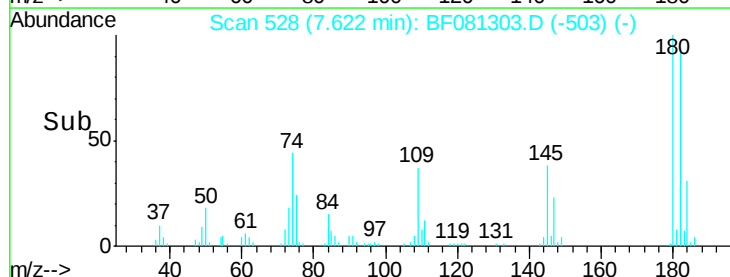
145 37.9 23.3 34.9#

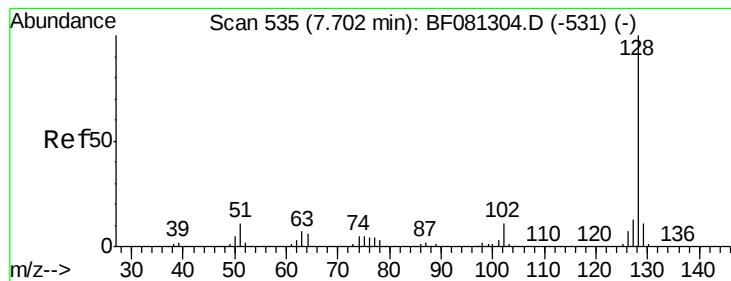


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 25.97 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

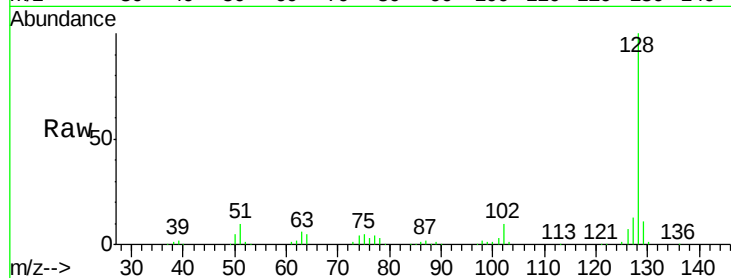
Tot Ion:128 Resp: 305857

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

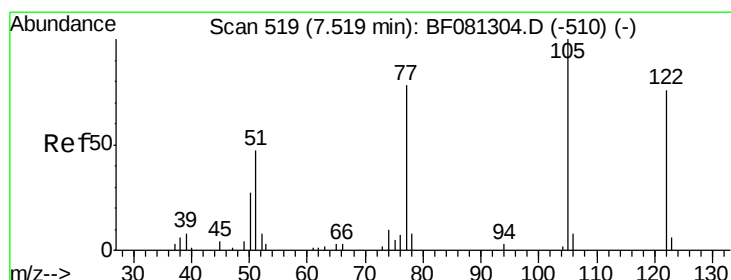
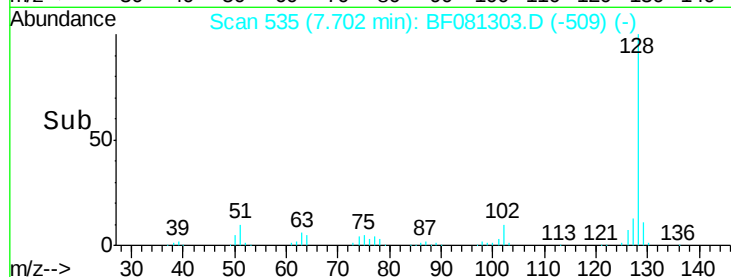
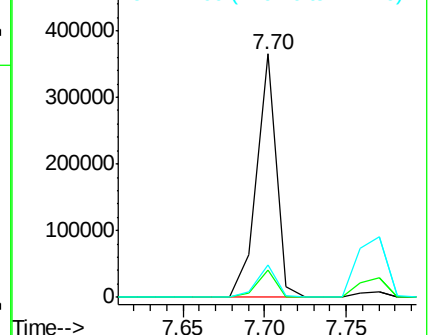
127 13.1 9.9 14.9



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: 26.67 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

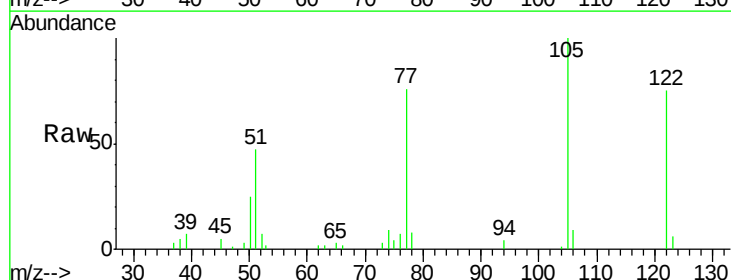
Tgt Ion:122 Resp: 60695

Ion Ratio Lower Upper

122 100

105 133.1 76.1 116.1#

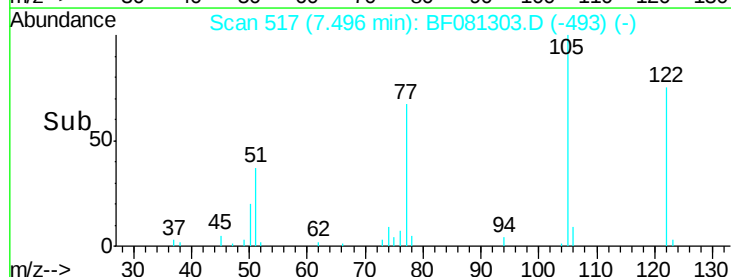
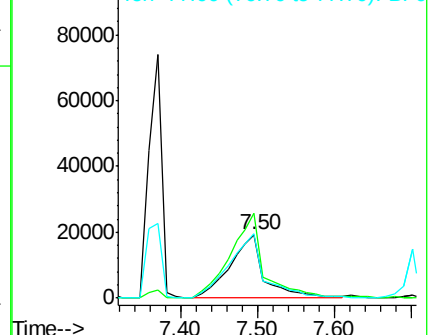
77 101.4 40.5 80.5#

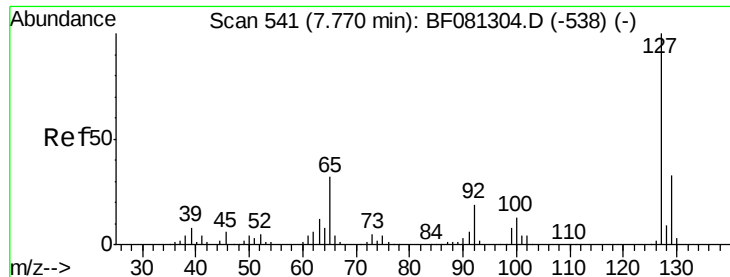


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

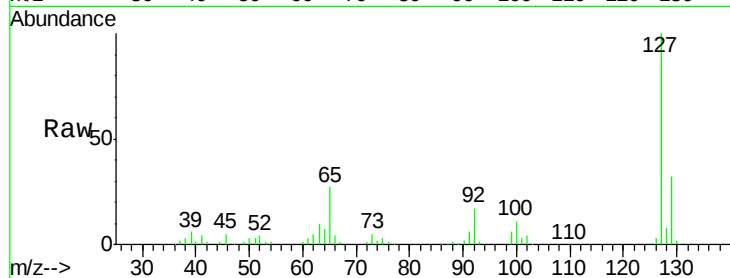




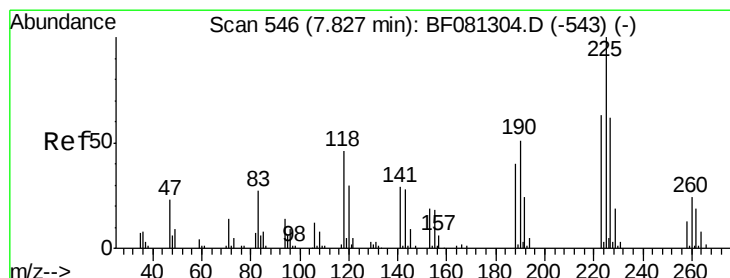
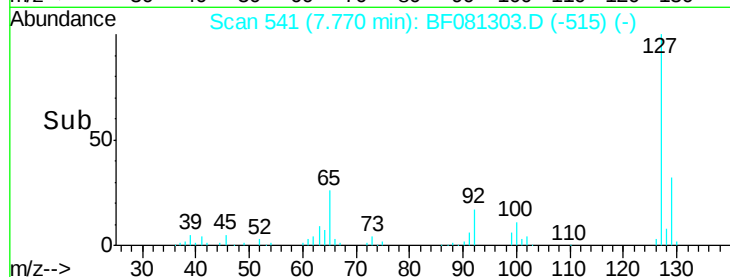
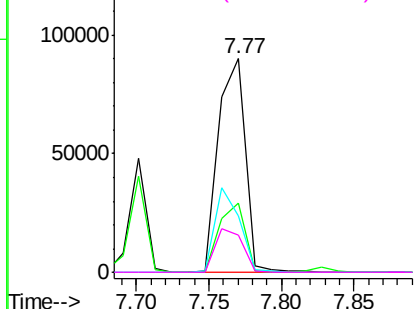
#33
4-Chloroaniline
Concen: 24.55 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	116045
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	26.5	17.9	26.9
92	17.5	10.5	15.7#

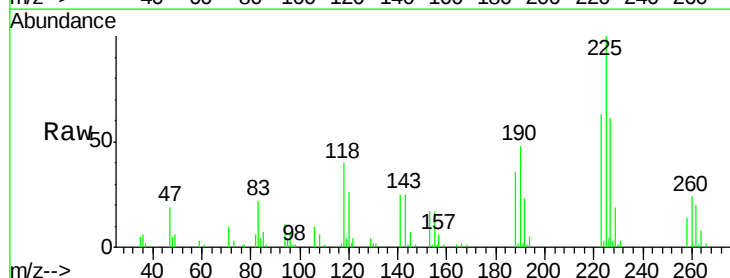


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

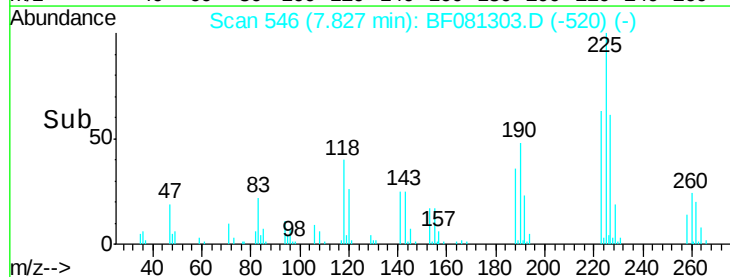
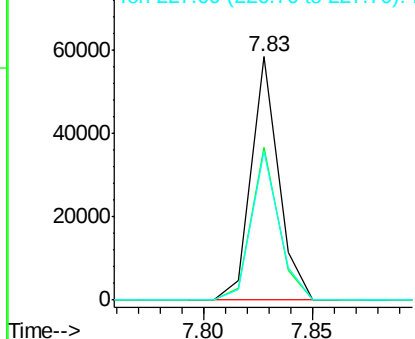


#34
Hexachlorobutadiene
Concen: 25.55 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:	225	Resp:	51341
Ion	Ratio	Lower	Upper
225	100		
223	62.8	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

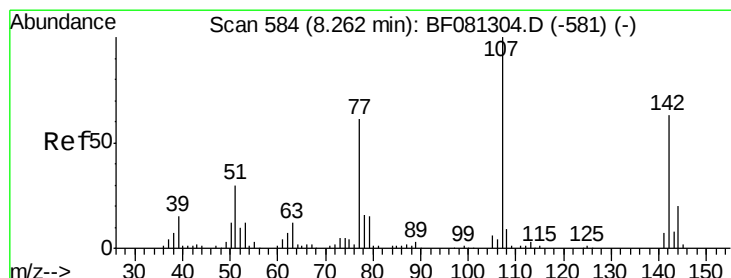
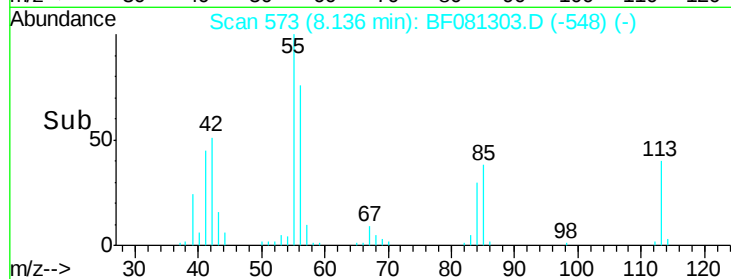
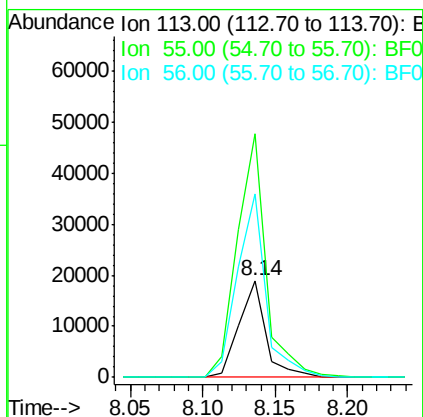
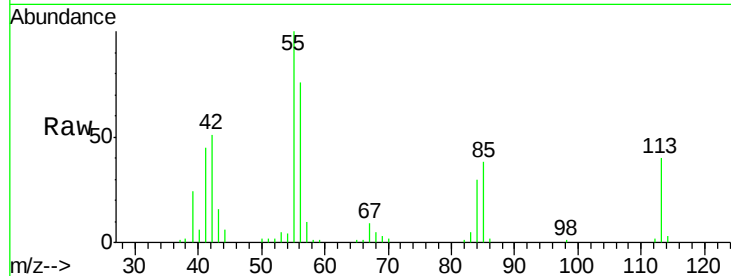




#35
 Caprolactam
 Concen: 26.57 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

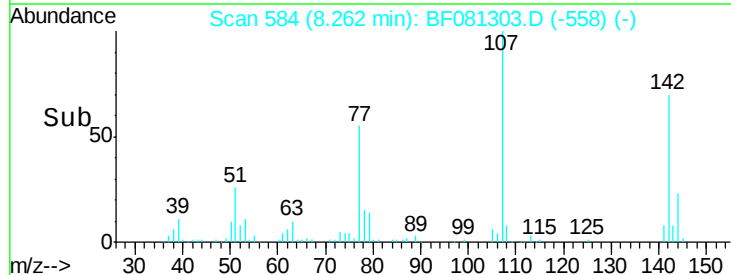
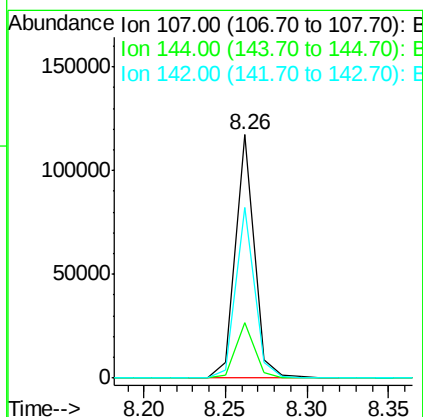
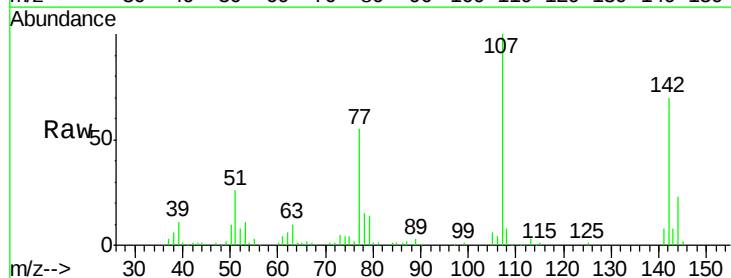
Instrument :
 BNA_F
 ClientSampleId :

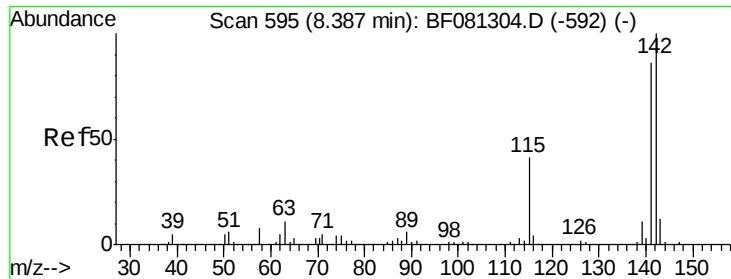
Tot Ion:113 Resp: 24244
 Ion Ratio Lower Upper
 113 100
 55 251.6 152.4 192.4#
 56 190.1 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 27.91 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:107 Resp: 92993
 Ion Ratio Lower Upper
 107 100
 144 22.6 25.4 38.0#
 142 70.3 77.3 115.9#

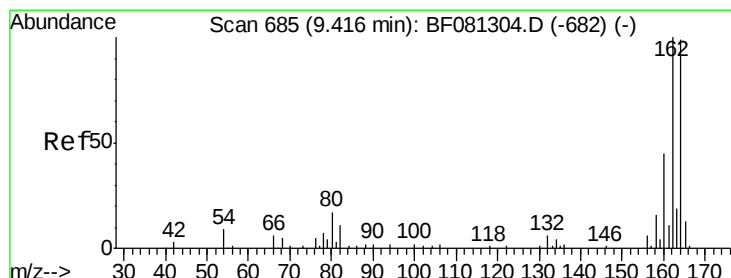
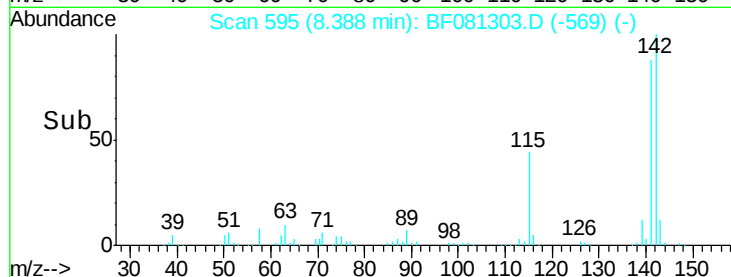
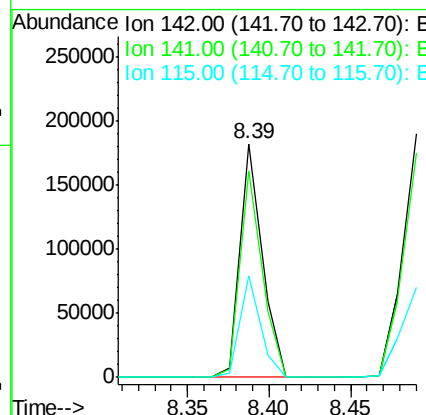
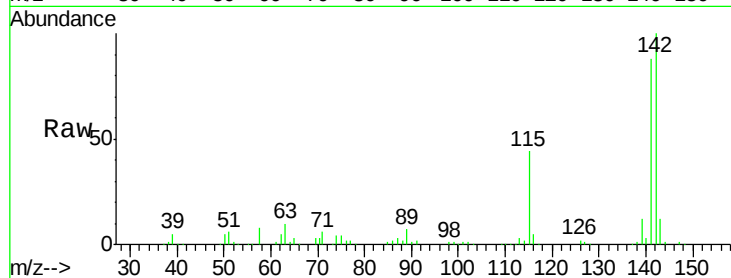




#37
 2-Methylnaphthalene
 Concen: 23.97 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

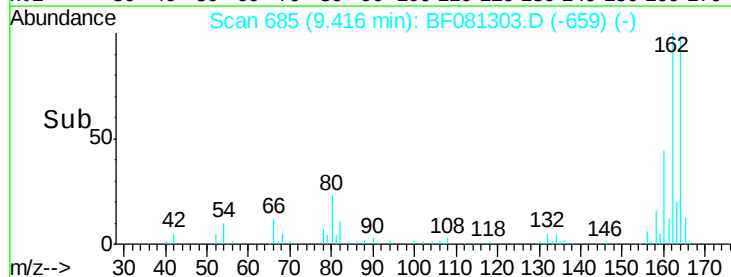
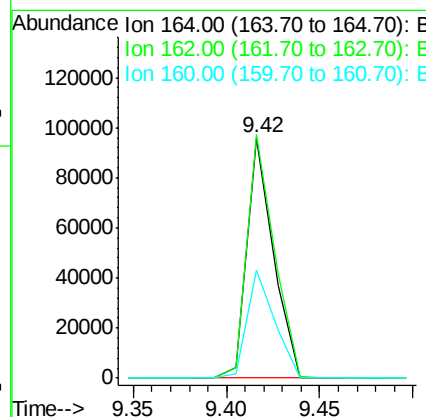
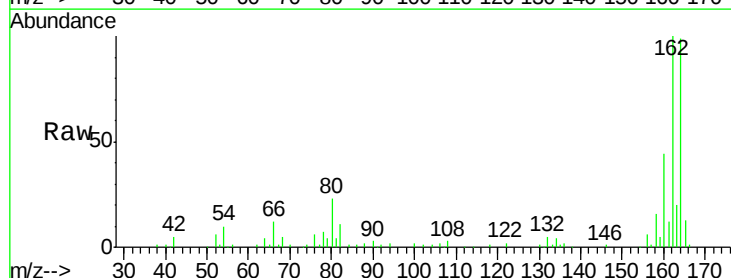
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 171889
 Ion Ratio Lower Upper
 142 100
 141 88.2 67.5 101.3
 115 43.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:164 Resp: 94229
 Ion Ratio Lower Upper
 164 100
 162 101.3 75.2 112.8
 160 44.7 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.89 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 82611

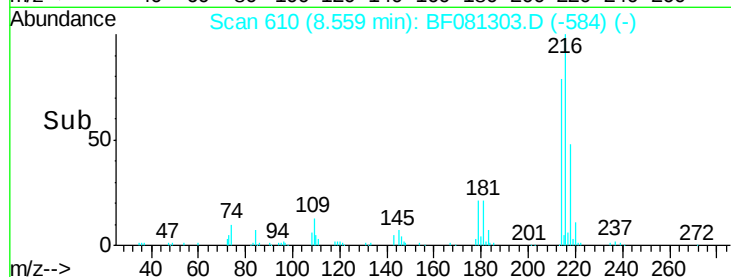
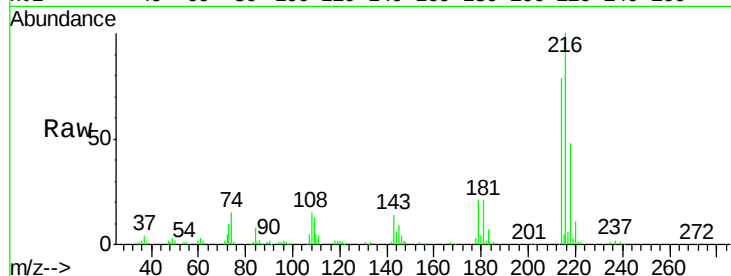
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 22.0 16.6 24.8

108 20.1 16.3 24.5

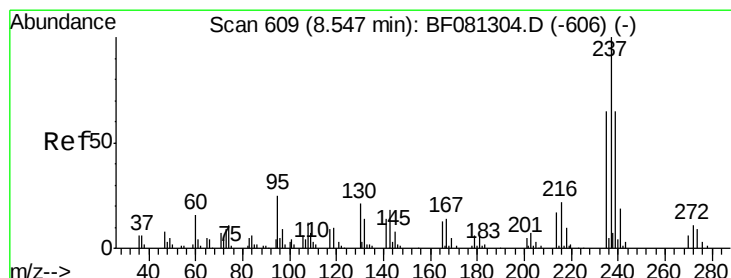
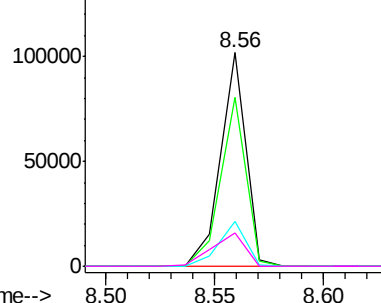


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.01 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

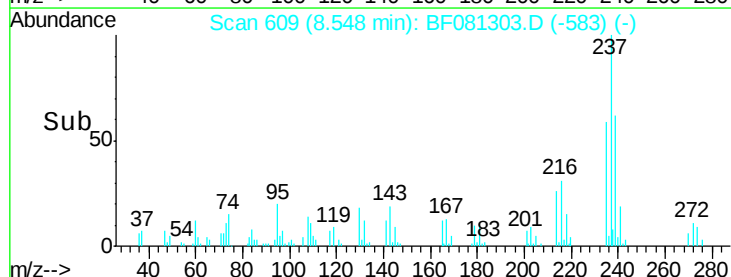
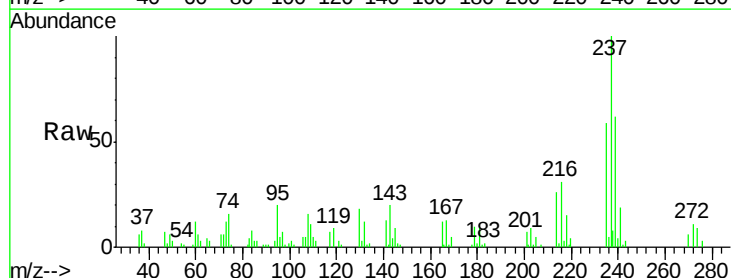
Tgt Ion:237 Resp: 38241

Ion Ratio Lower Upper

237 100

235 59.3 42.0 82.0

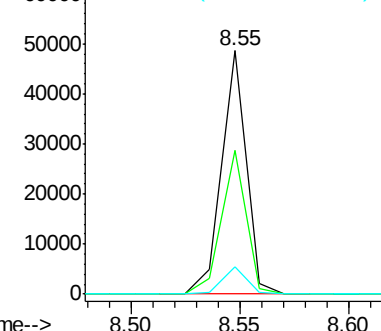
272 11.4 0.0 36.1

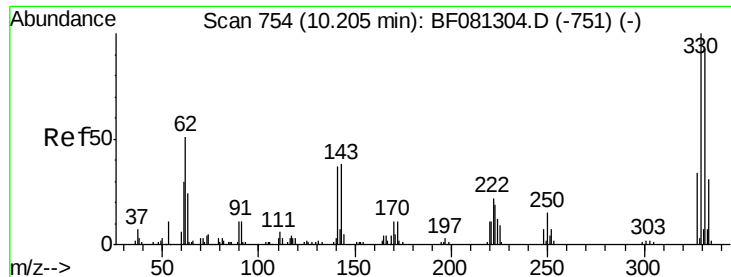


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

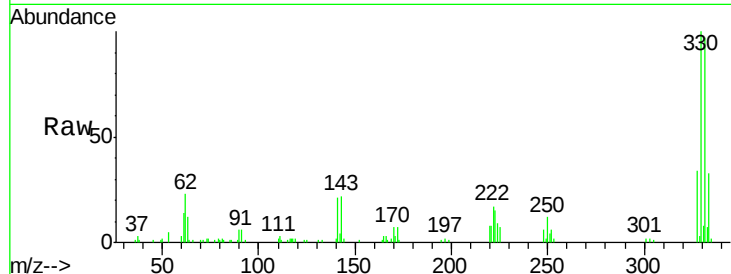




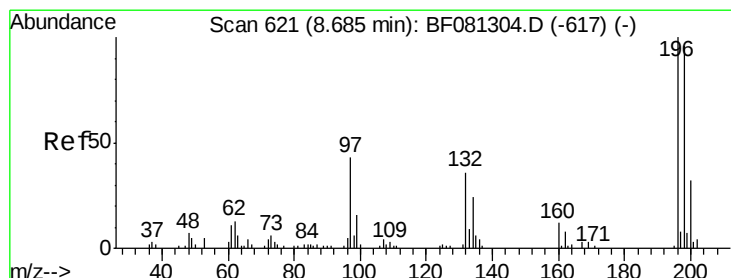
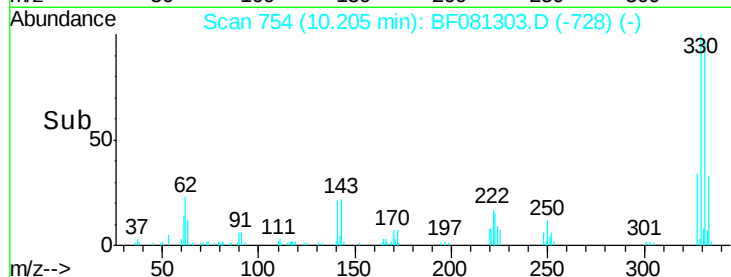
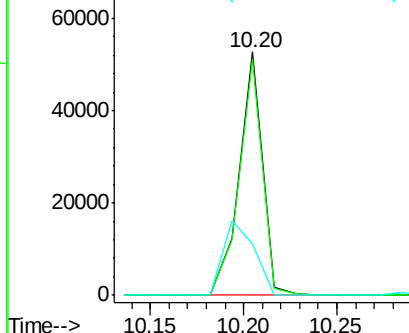
#41
 2,4,6-Tribromophenol
 Concen: 27.66 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 45879
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 40.9 29.7 44.5

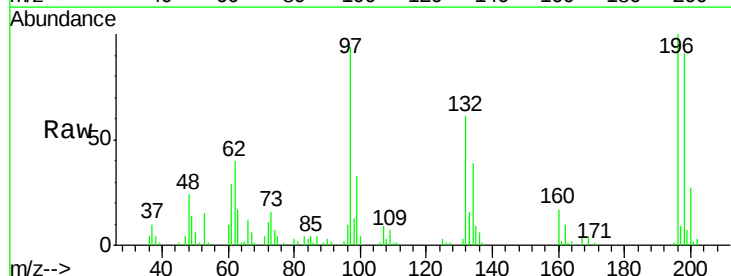


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

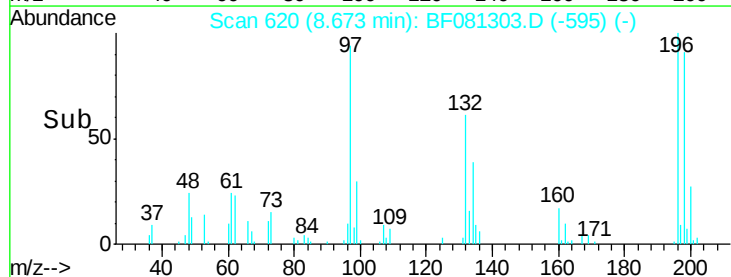
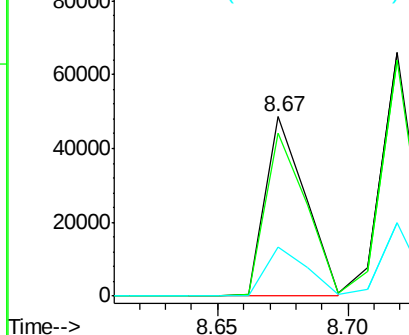


#42
 2,4,6-Trichlorophenol
 Concen: 25.76 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:196 Resp: 52019
 Ion Ratio Lower Upper
 196 100
 198 90.6 75.7 113.5
 200 27.3 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

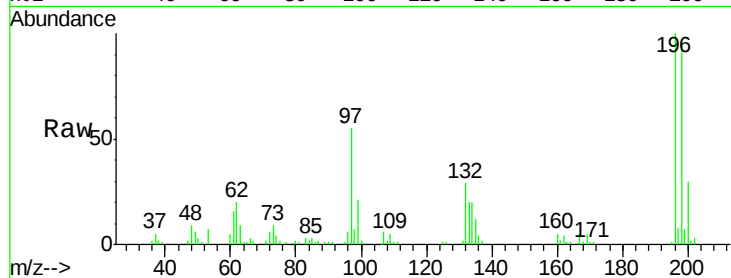




#43
 2,4,5-Trichlorophenol
 Concen: 26.87 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.4	113.0
97	54.5	33.3	49.9
132	29.2	24.6	37.0



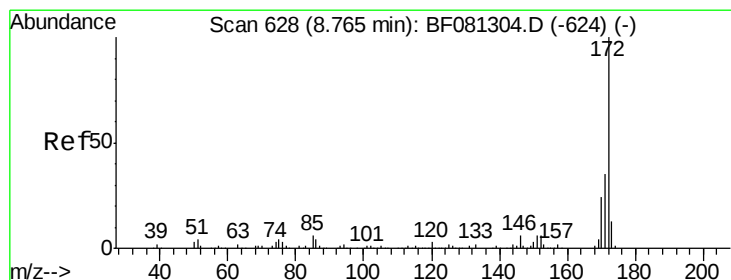
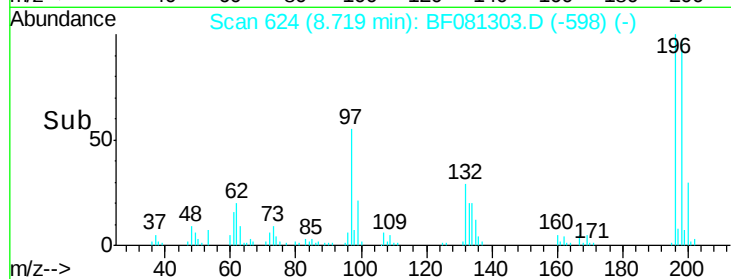
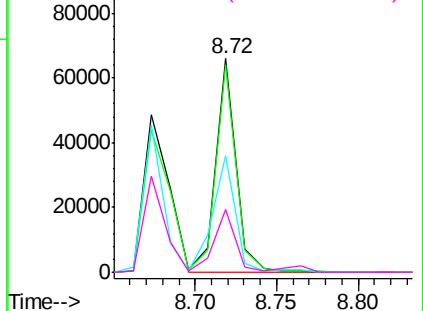
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

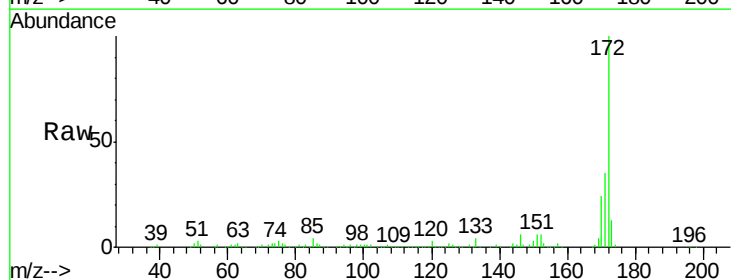
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 26.22 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	23.6	17.4	26.2

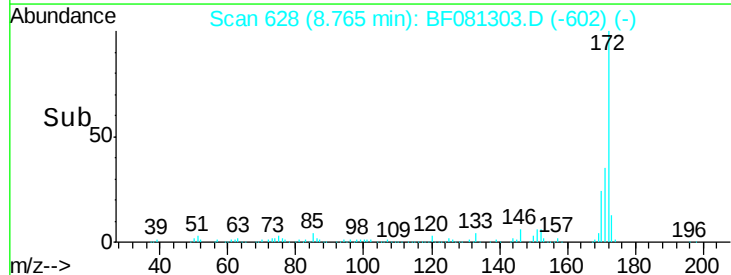
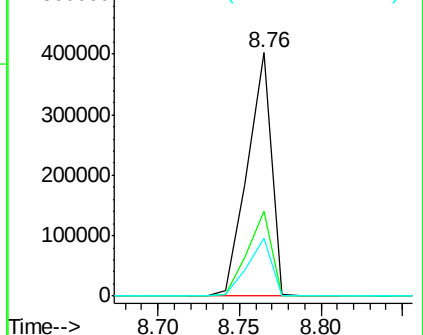


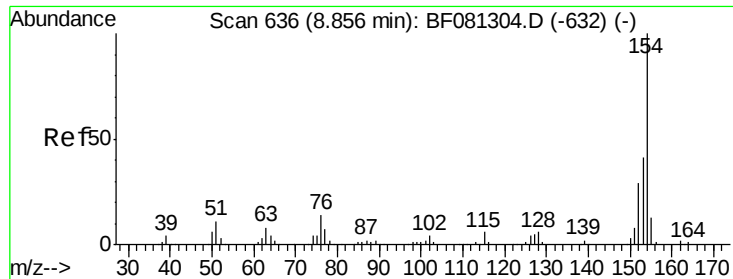
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

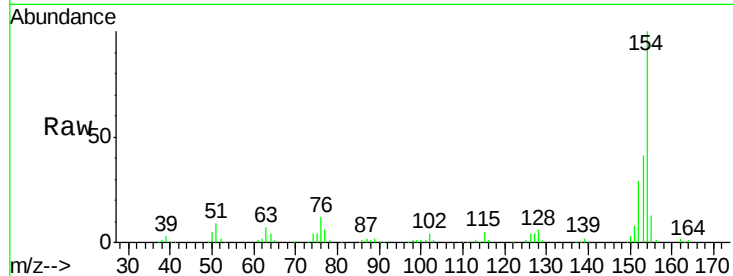




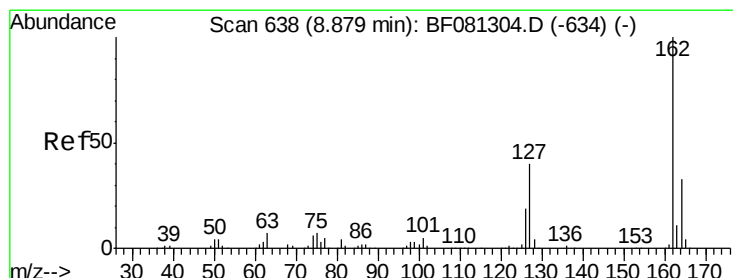
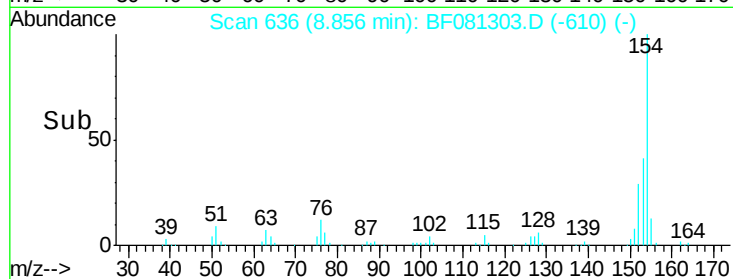
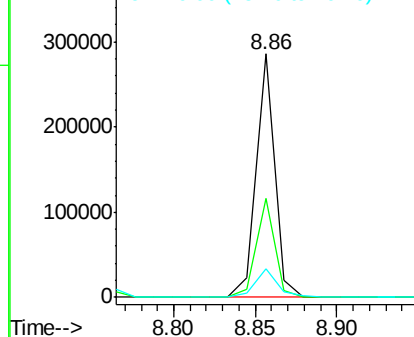
#45
 1,1'-Biphenyl
 Concen: 25.49 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 227088
 Ion Ratio Lower Upper
 154 100
 153 40.7 17.1 57.1
 76 11.6 0.0 31.6

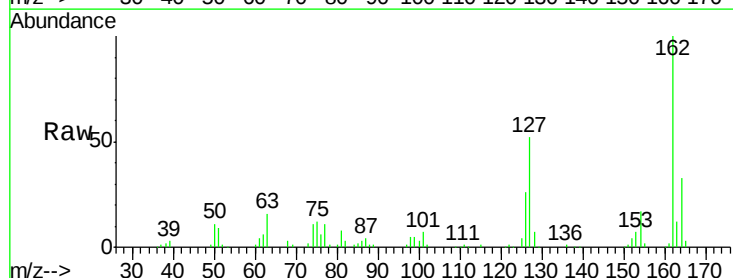


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

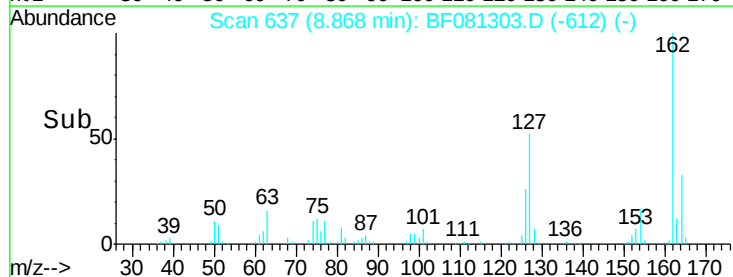
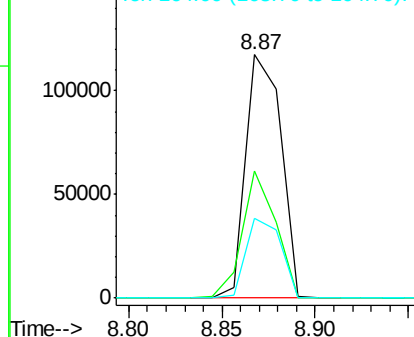


#46
 2-Chloronaphthalene
 Concen: 23.20 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:162 Resp: 153862
 Ion Ratio Lower Upper
 162 100
 127 52.3 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

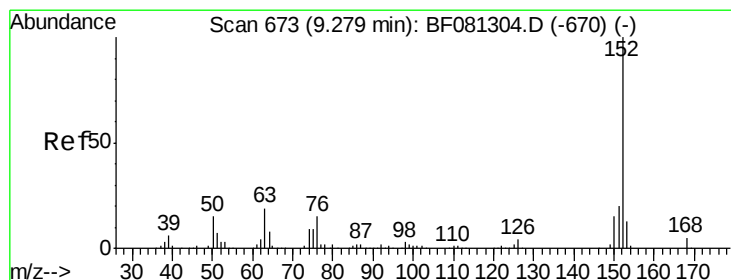
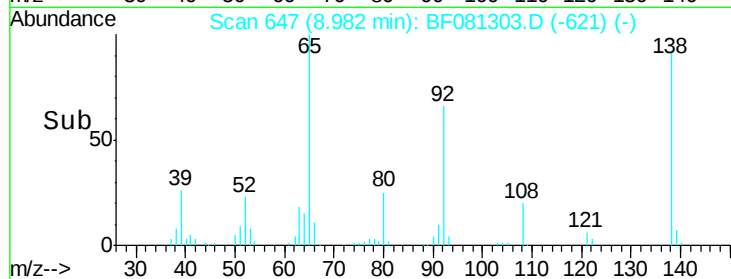
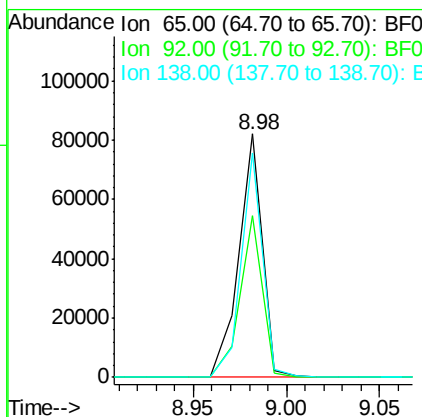
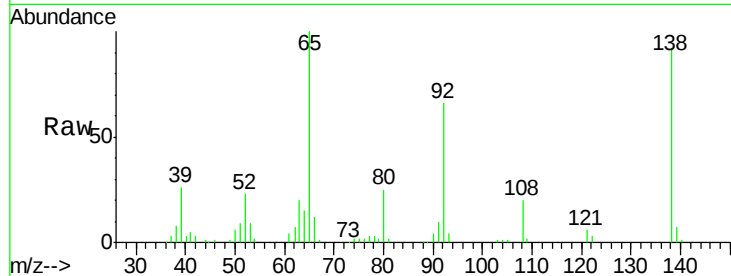




#47
2-Nitroaniline
Concen: 28.80 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

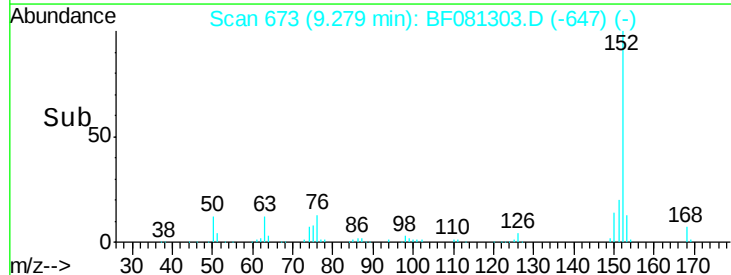
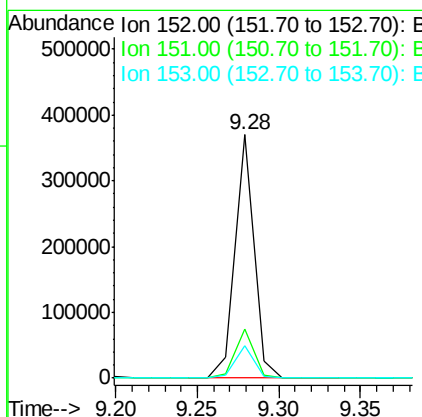
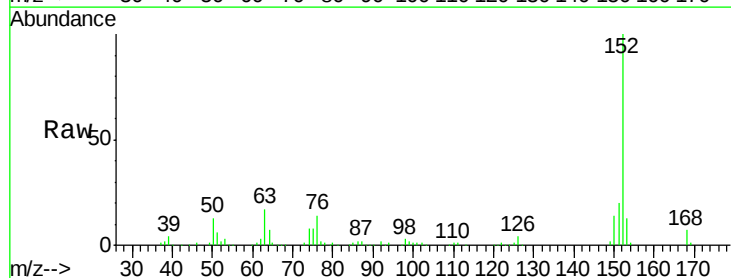
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 72540
Ion Ratio Lower Upper
65 100
92 66.5 55.4 83.0
138 91.9 115.5 173.3#



#48
Acenaphthylene
Concen: 25.48 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion: 152 Resp: 294374
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.3 10.3 15.5

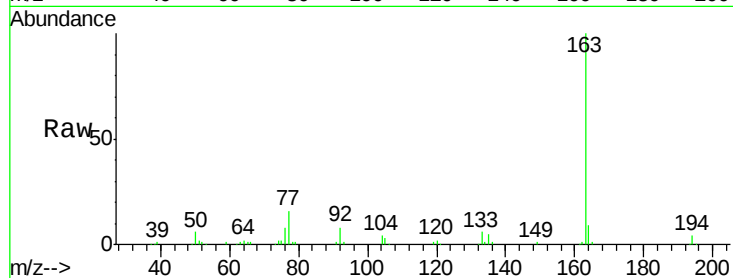




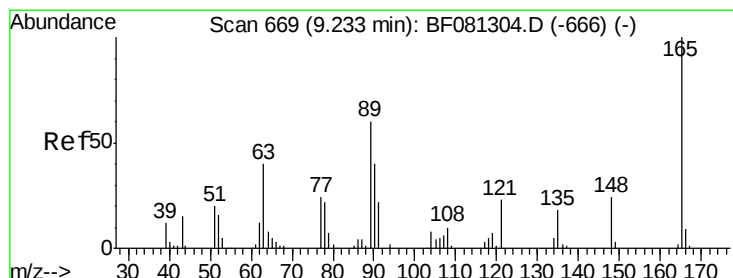
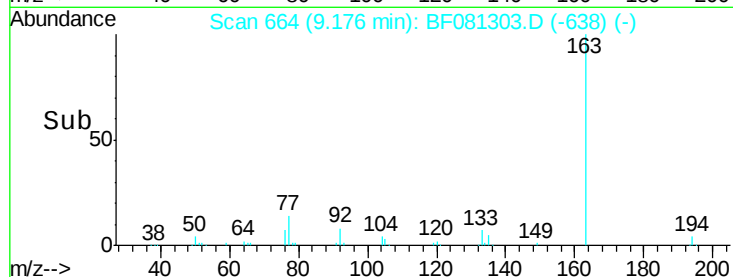
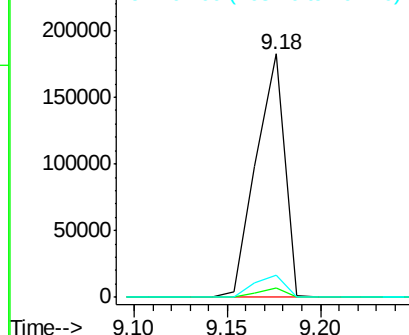
#49
Dimethylphthalate
Concen: 25.11 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 196460
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.2 8.3 12.5

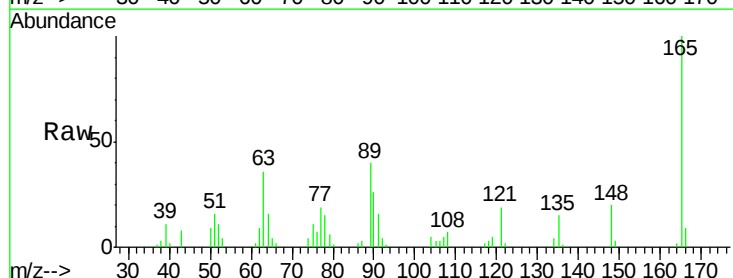


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

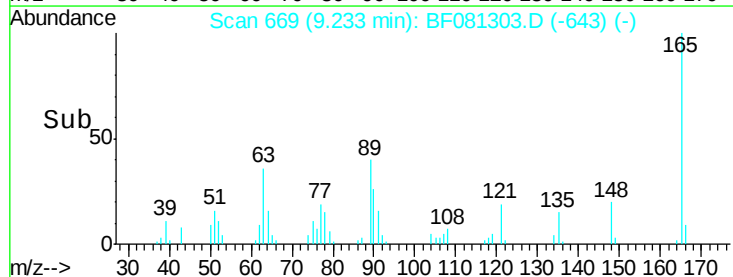
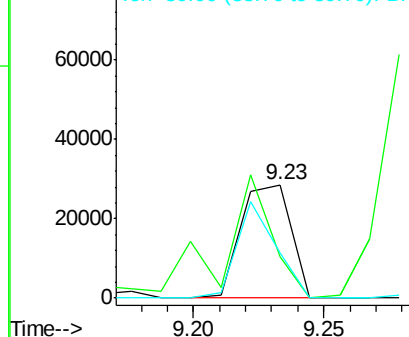


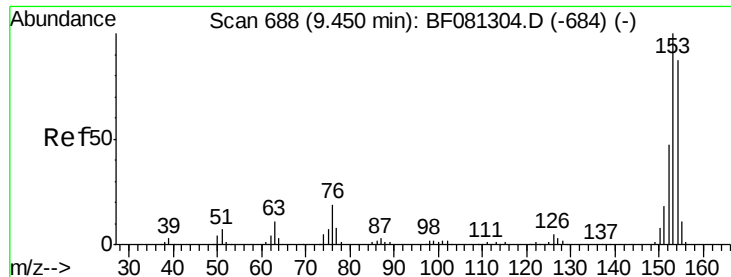
#50
2,6-Dinitrotoluene
Concen: 23.09 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:165 Resp: 38690
Ion Ratio Lower Upper
165 100
63 36.0 32.3 48.5
89 40.4 28.6 43.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 24.39 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

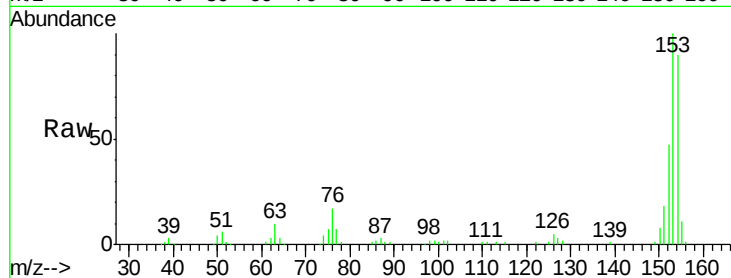
Tot Ion:154 Resp: 159497

Ion Ratio Lower Upper

154 100

153 111.7 82.1 123.1

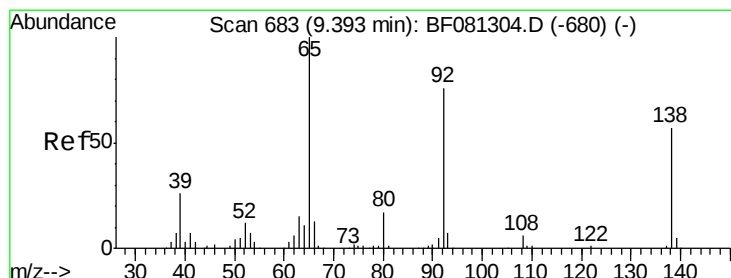
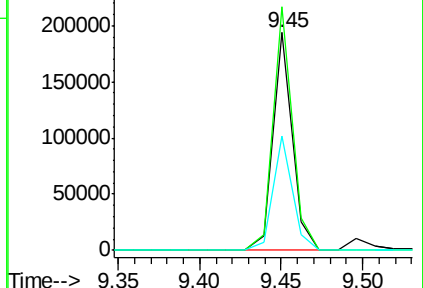
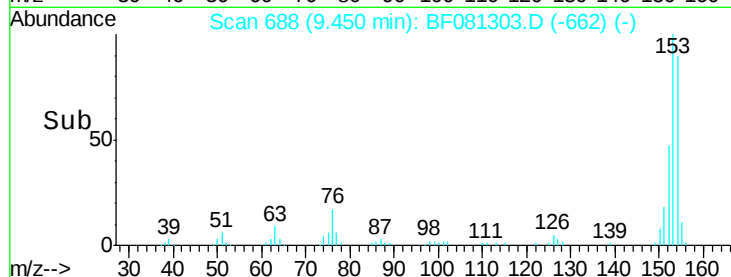
152 52.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.94 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

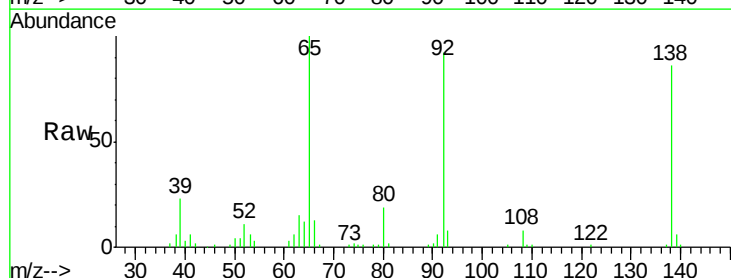
Tgt Ion:138 Resp: 54294

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

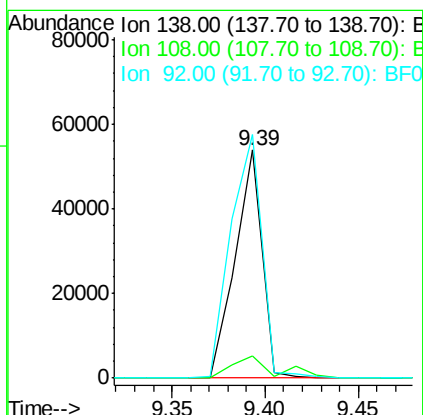
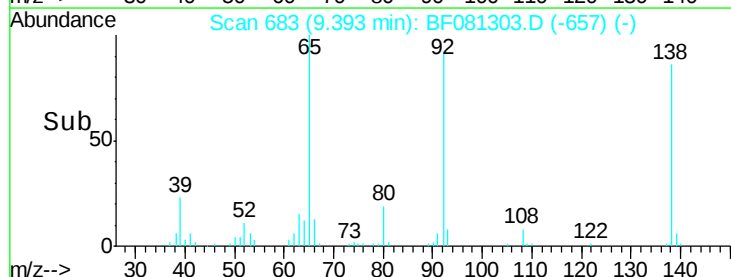
92 107.0 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

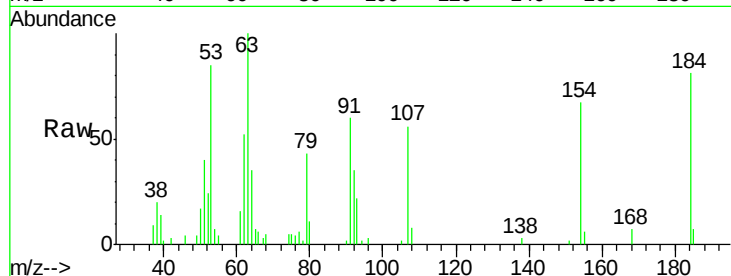




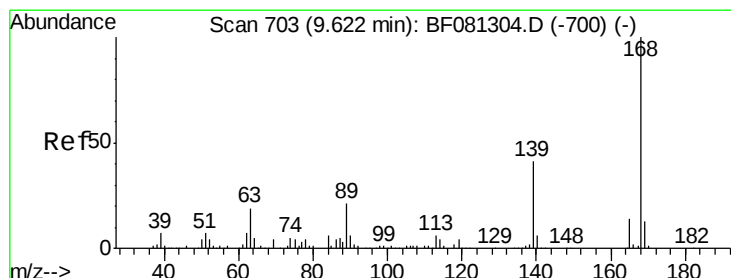
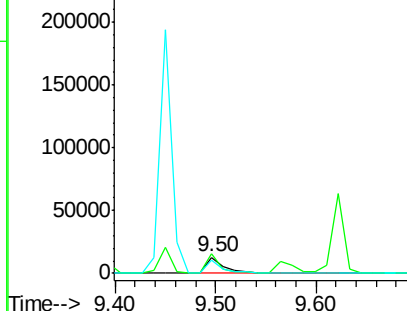
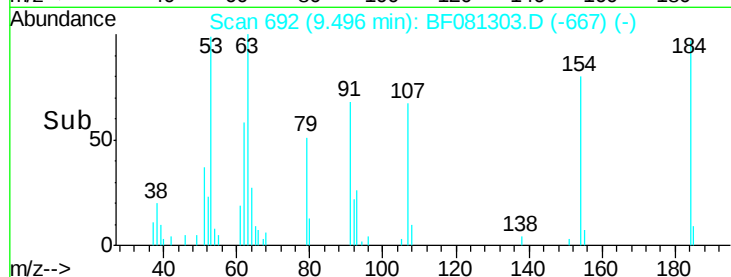
#53
 2,4-Dinitrophenol
 Concen: 30.33 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 17188
 Ion Ratio Lower Upper
 184 100
 63 123.2 35.4 53.2#
 154 82.7 32.2 48.4#

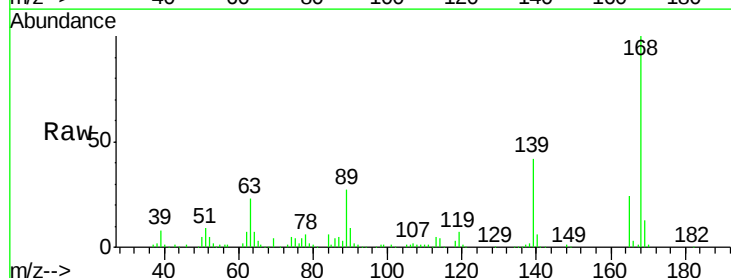


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

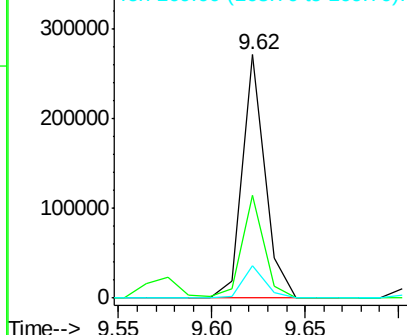
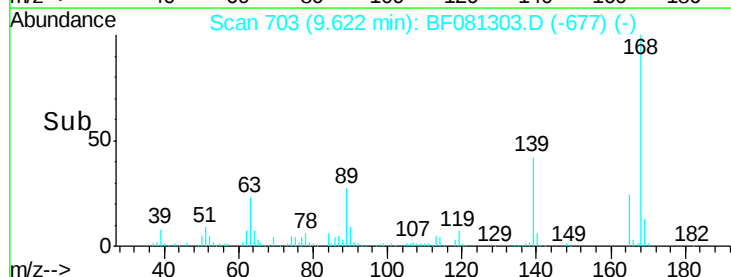


#54
 Dibenzofuran
 Concen: 23.97 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:168 Resp: 230707
 Ion Ratio Lower Upper
 168 100
 139 42.2 24.2 36.2#
 169 13.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

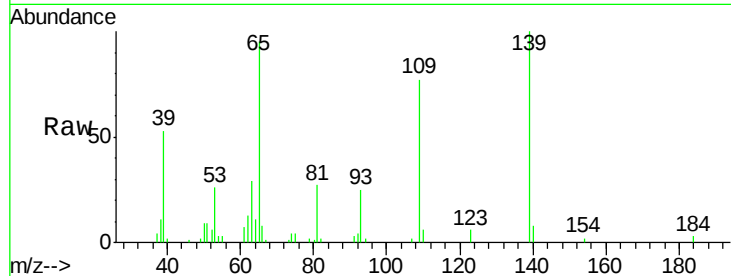




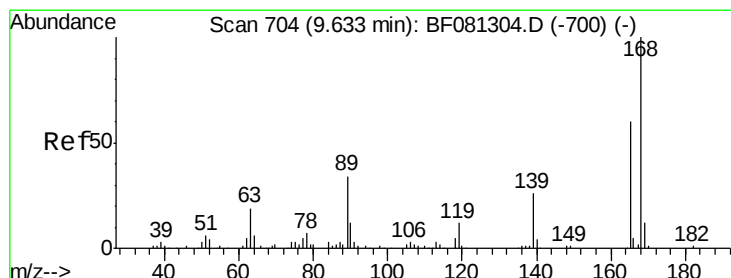
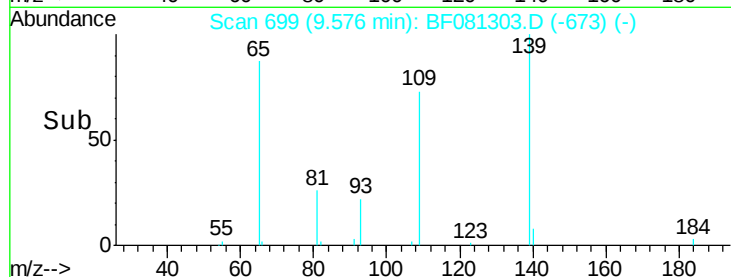
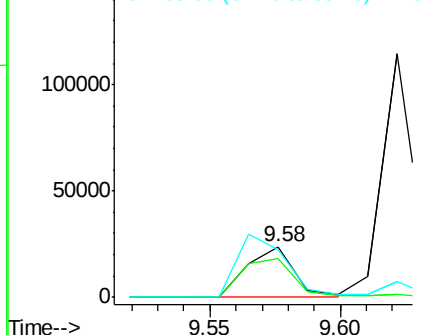
#55
4-Nitrophenol
Concen: 25.97 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 30440
Ion Ratio Lower Upper
139 100
109 77.0 12.7 52.7#
65 95.0 45.9 85.9#

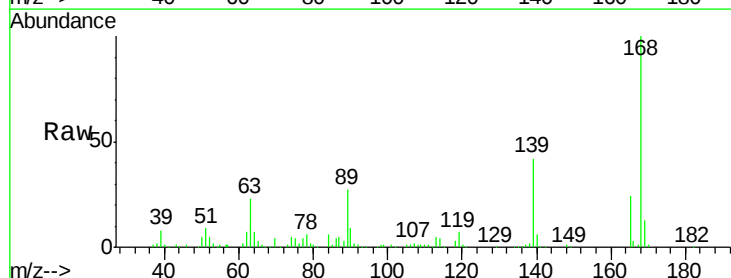


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

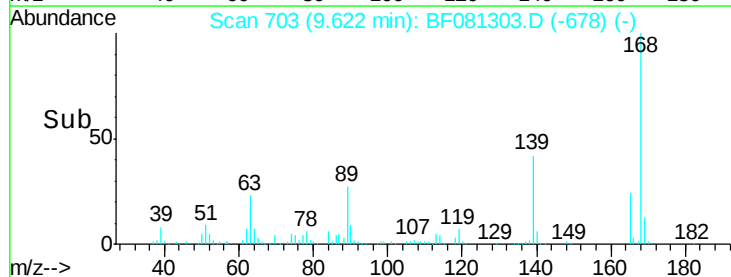
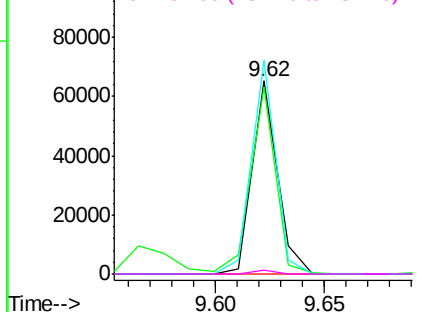


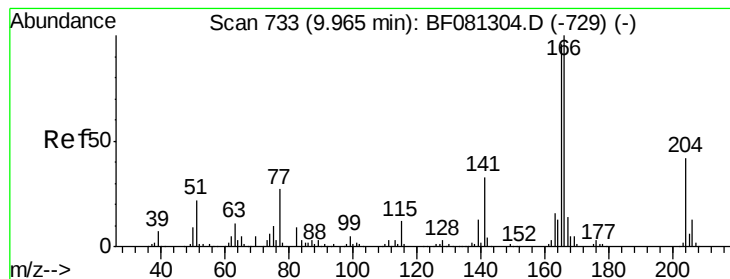
#56
2,4-Dinitrotoluene
Concen: 24.67 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:165 Resp: 52547
Ion Ratio Lower Upper
165 100
63 96.6 29.8 44.6#
89 110.6 44.5 66.7#
182 1.7 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.67 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

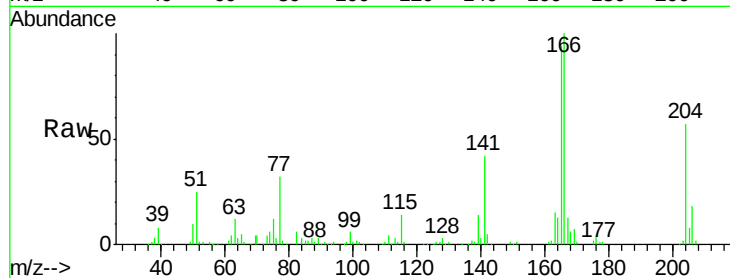
Tot Ion:166 Resp: 190700

Ion Ratio Lower Upper

166 100

165 94.3 72.6 109.0

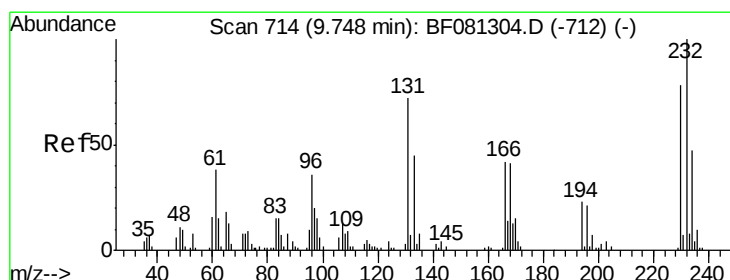
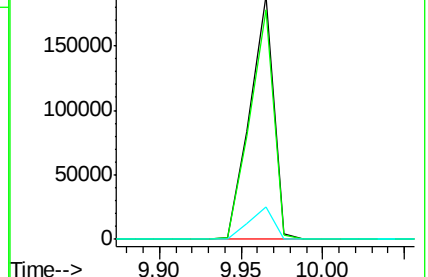
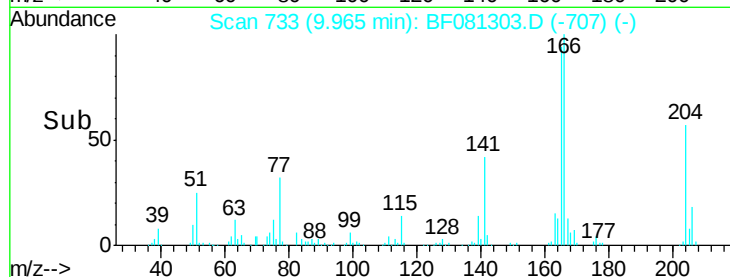
167 13.4 10.6 16.0



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: 23.44 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Tgt Ion:232 Resp: 36680

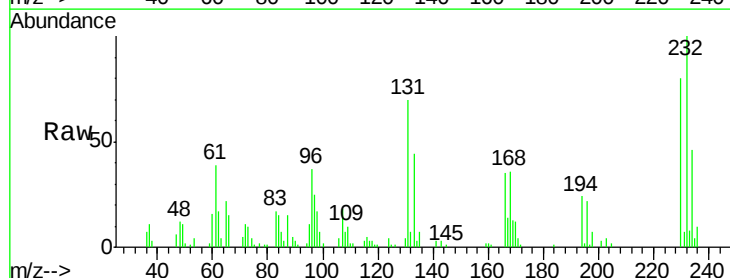
Ion Ratio Lower Upper

232 100

131 51.1 38.5 57.7

130 2.5 1.8 2.6

166 27.5 25.0 37.6

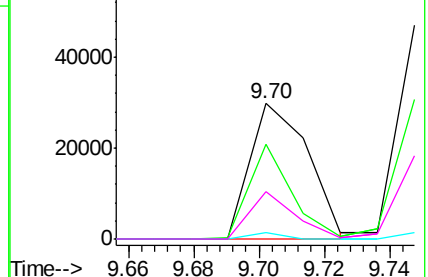
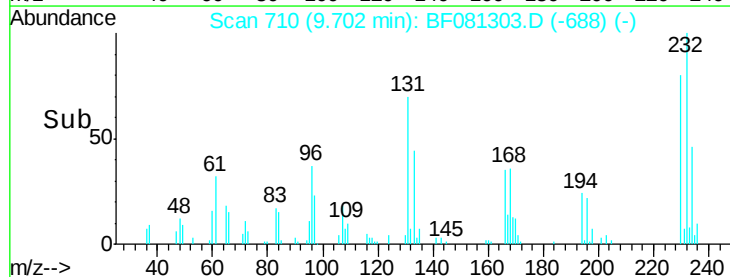


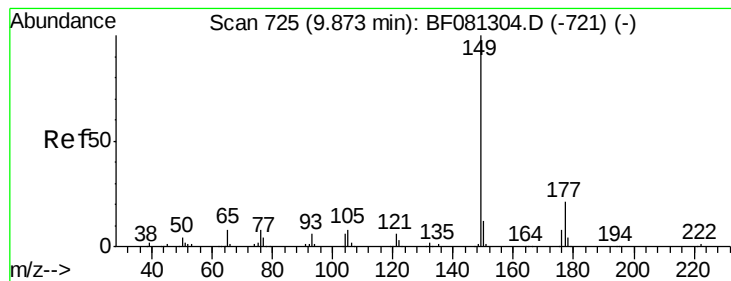
Abundance Ion 232.00 (231.70 to 232.70): E

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: 23.80 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

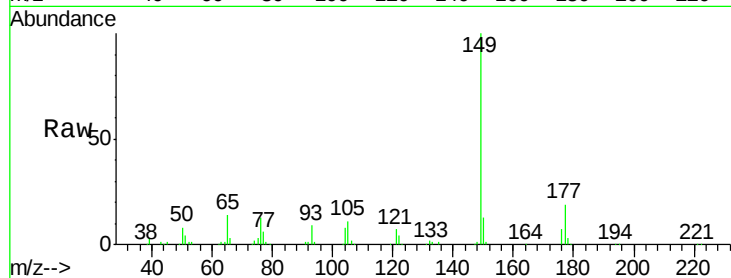
Tot Ion:149 Resp: 193299

Ion Ratio Lower Upper

149 100

177 19.1 17.5 26.3

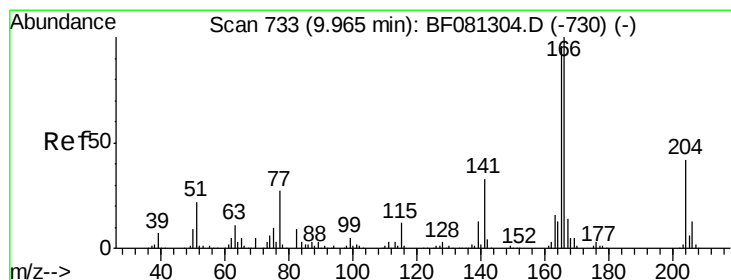
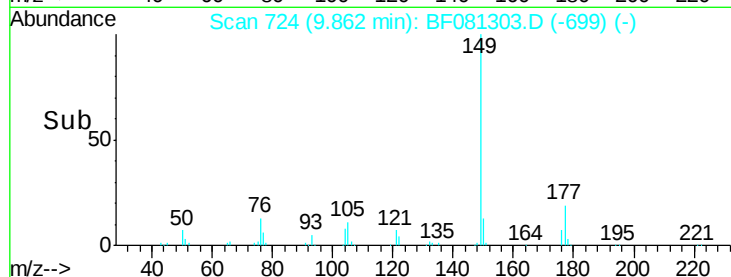
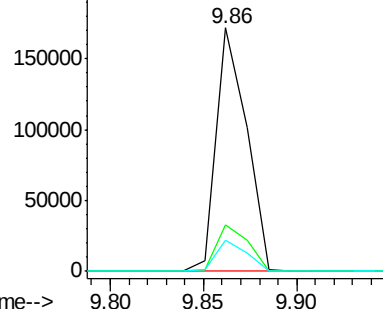
150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 24.01 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

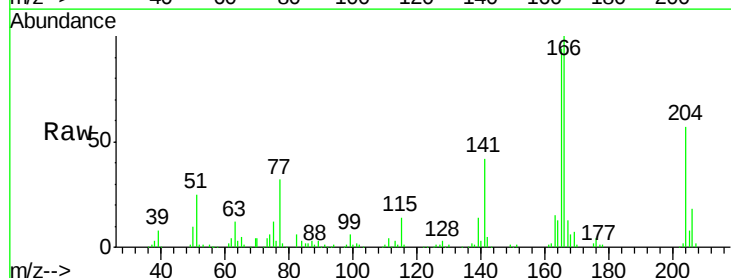
Tgt Ion:204 Resp: 86935

Ion Ratio Lower Upper

204 100

206 31.5 24.8 37.2

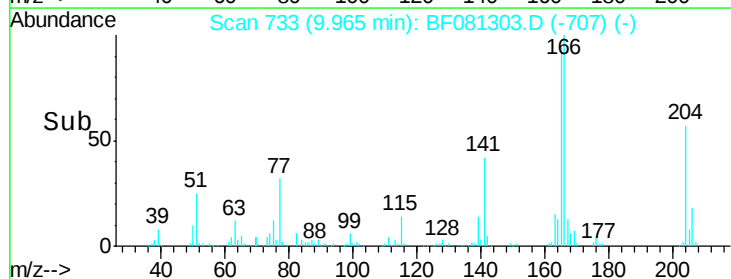
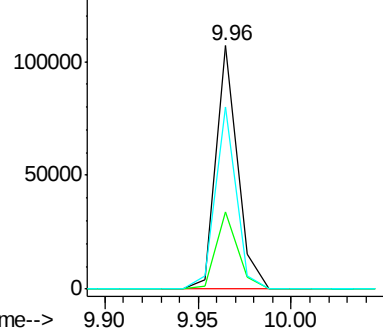
141 74.6 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

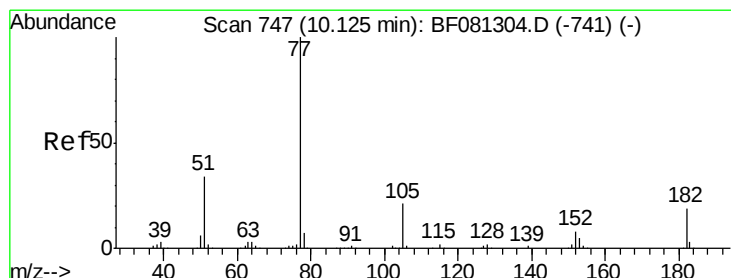
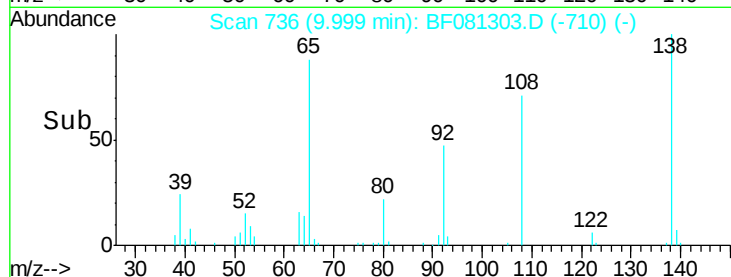
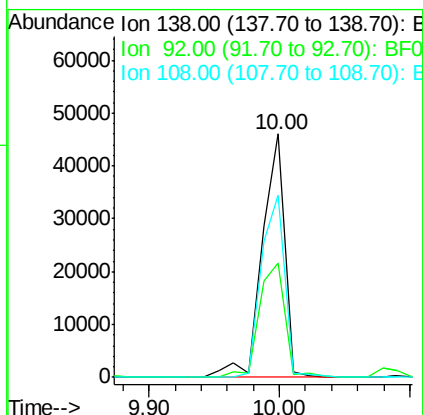
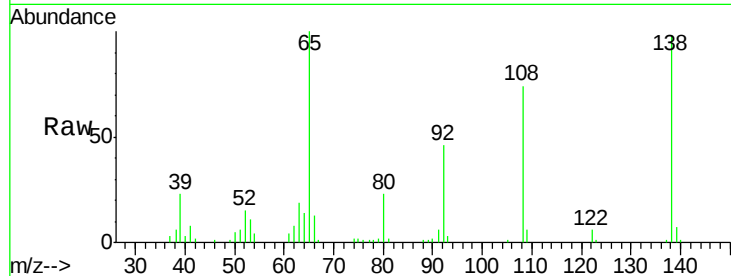




#61
4-Nitroaniline
Concen: 28.86 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

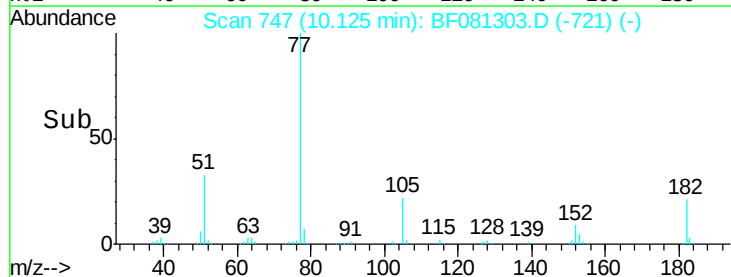
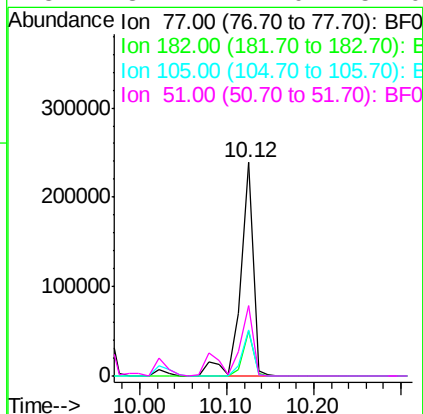
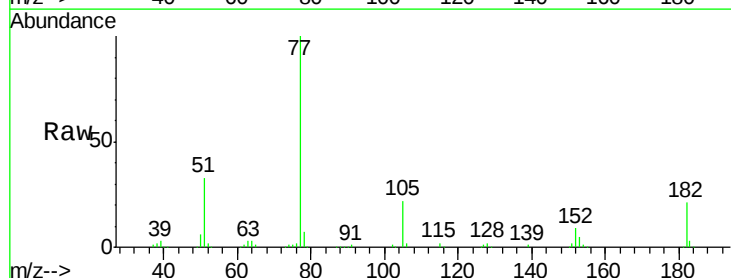
Instrument :
BNA_F
ClientSampleId :

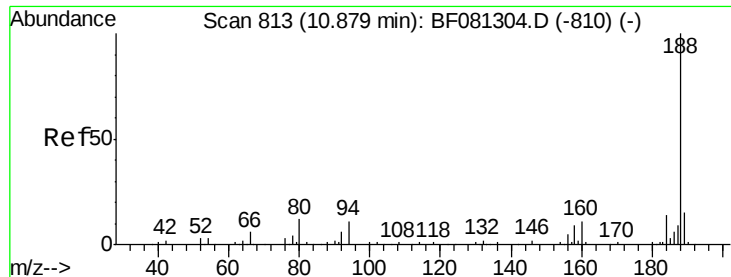
Tot Ion:138 Resp: 55471
Ion Ratio Lower Upper
138 100
92 47.0 12.6 52.6
108 75.0 12.4 52.4#



#62
Azobenzene
Concen: 26.56 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion: 77 Resp: 239348
Ion Ratio Lower Upper
77 100
182 21.1 15.1 55.1
105 21.9 3.4 43.4
51 32.7 12.0 52.0

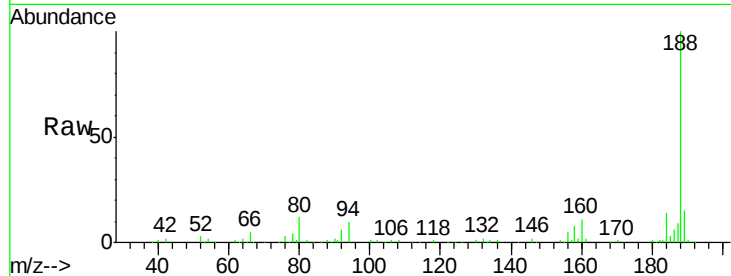




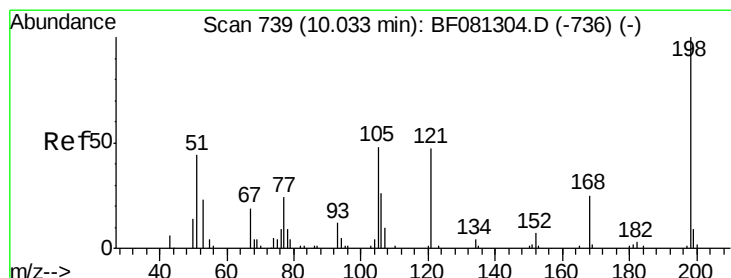
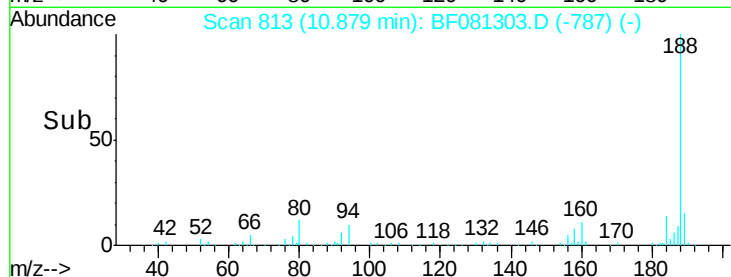
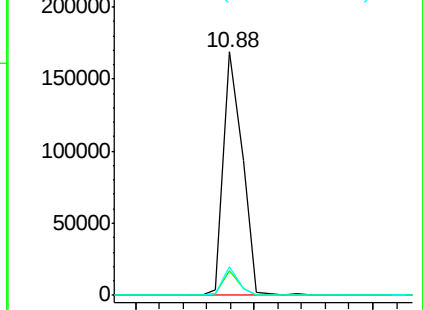
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 186492
 Ion Ratio Lower Upper
 188 100
 94 10.1 11.1 16.7#
 80 11.5 11.0 16.4

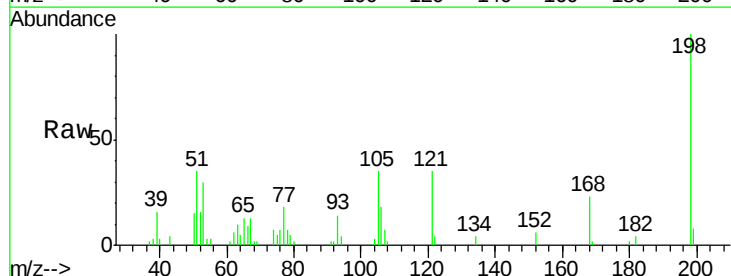


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

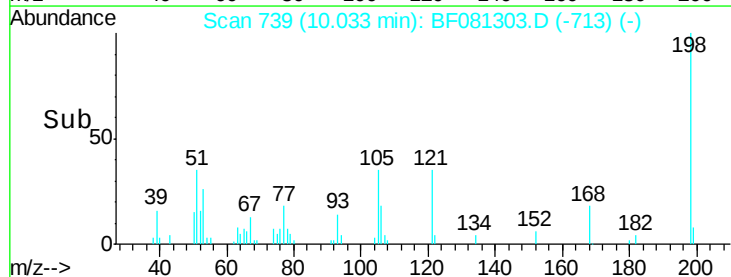
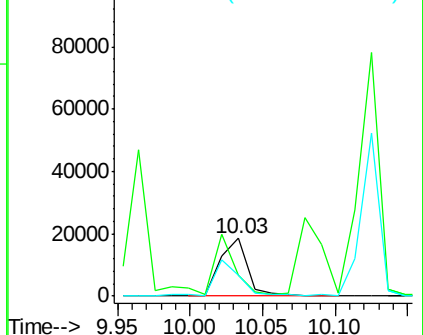


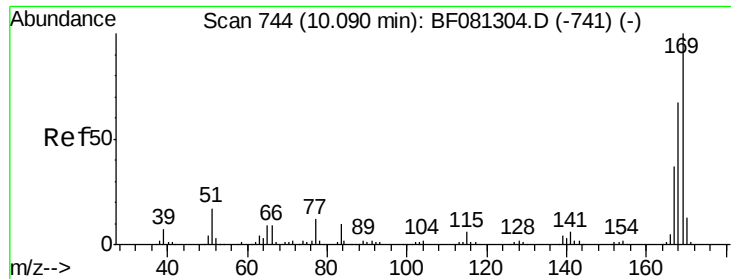
#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.34 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:198 Resp: 24096
 Ion Ratio Lower Upper
 198 100
 51 35.3 39.6 79.6#
 105 35.3 28.5 68.5



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

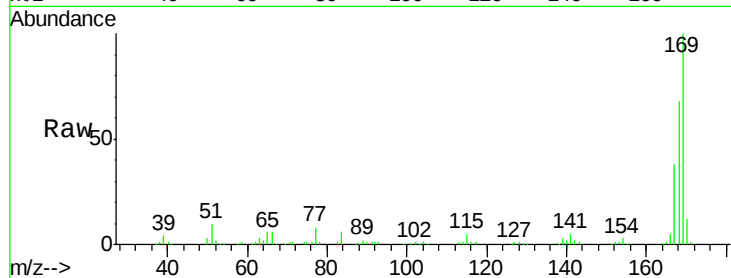




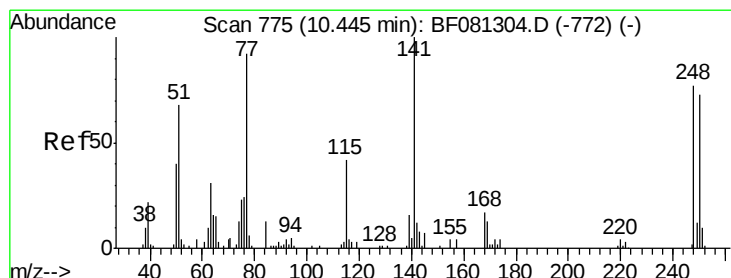
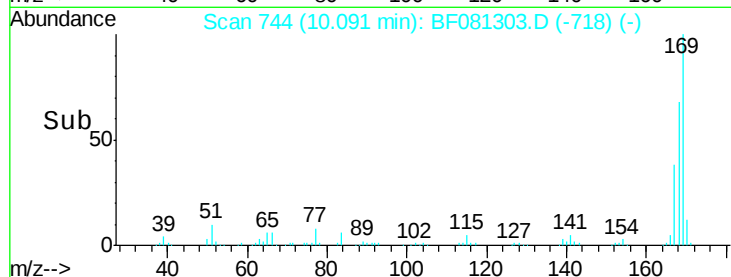
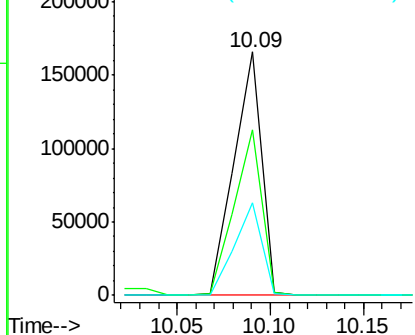
#65
 n-Nitrosodiphenylamine
 Concen: 24.69 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 173194
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 38.1 26.2 39.4

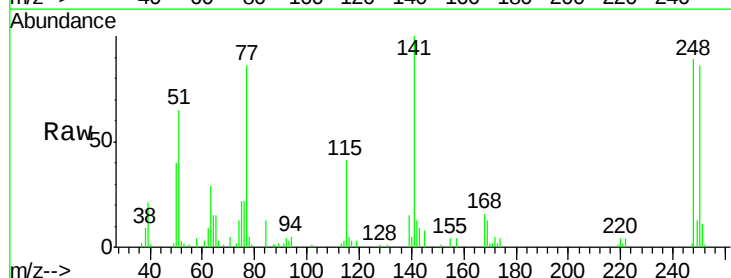


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

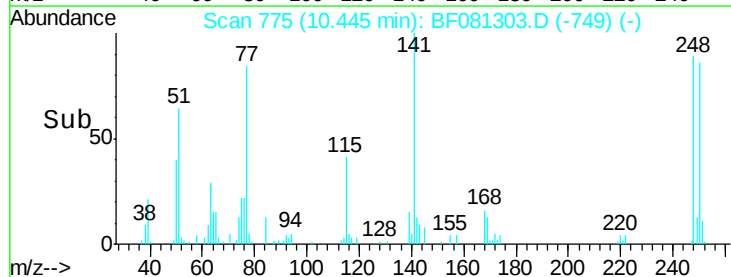
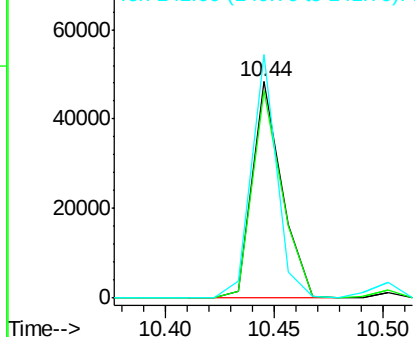


#66
 4-Bromophenyl-phenylether
 Concen: 24.26 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:248 Resp: 45873
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.5 117.7
 141 112.4 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

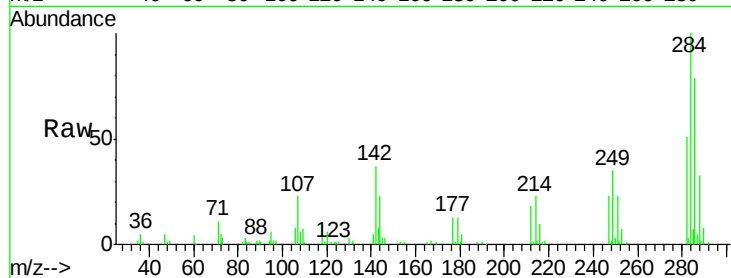




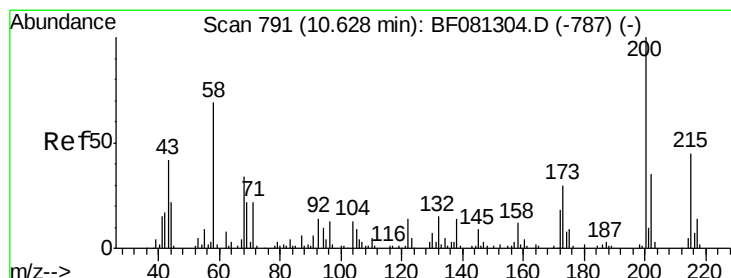
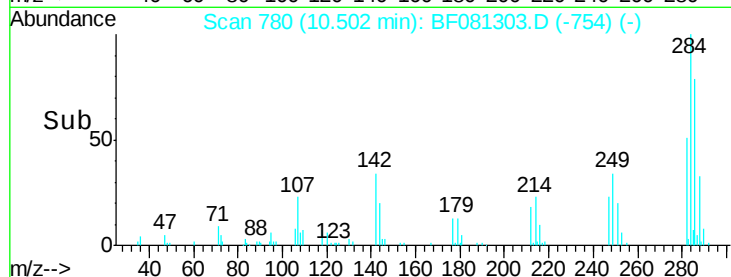
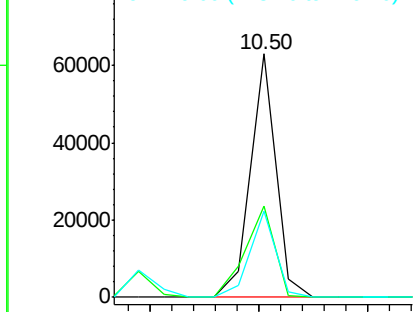
#67
Hexachlorobenzene
Concen: 25.57 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 50977
Ion Ratio Lower Upper
284 100
142 37.4 29.5 44.3
249 35.5 19.5 29.3#

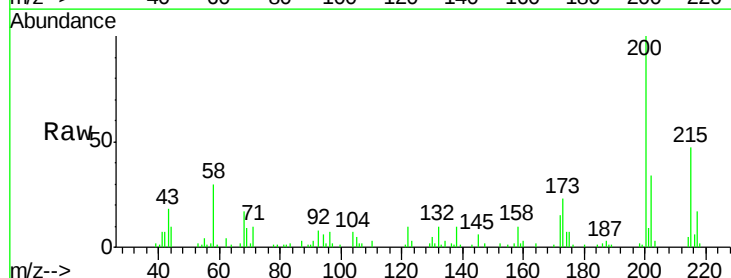


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

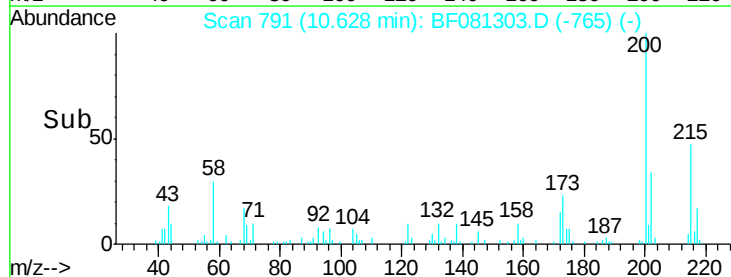
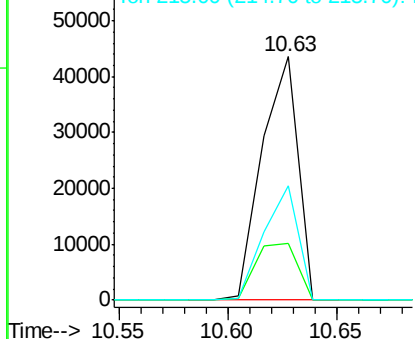


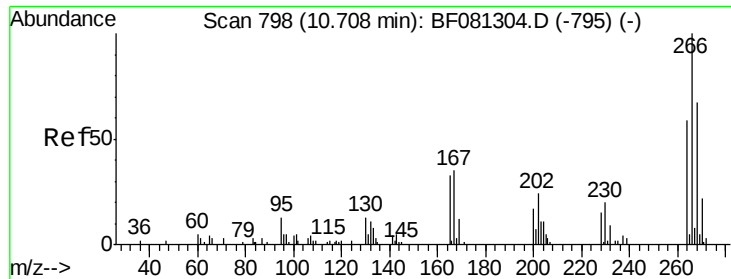
#68
Atrazine
Concen: 25.07 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:200 Resp: 50689
Ion Ratio Lower Upper
200 100
173 23.2 13.2 53.2
215 47.1 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

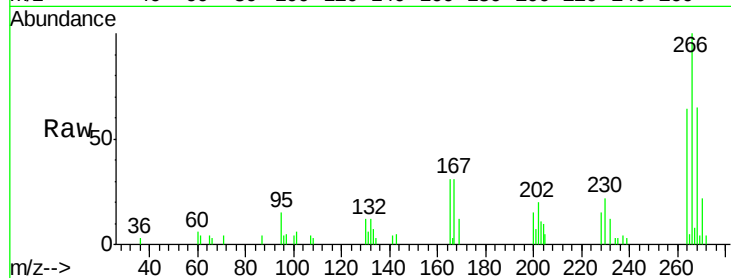




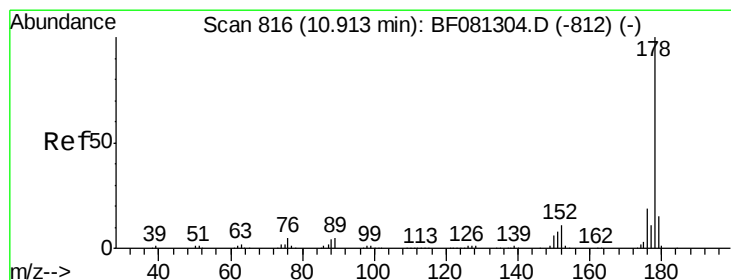
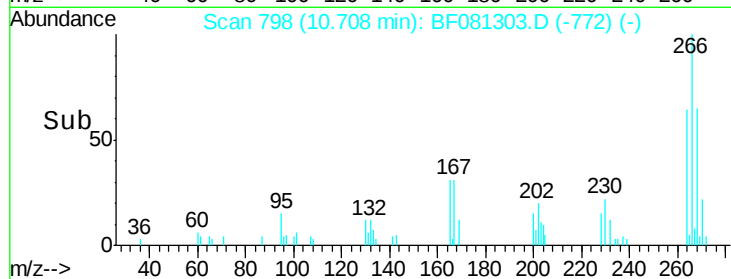
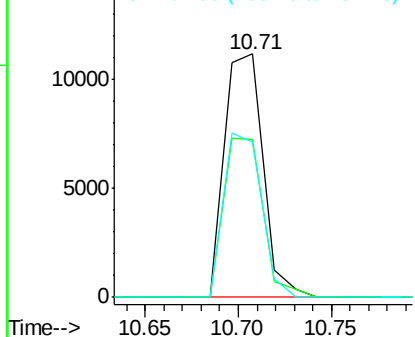
#69
 Pentachlorophenol
 Concen: 26.96 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 16160
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.8 74.6
 264 63.8 50.2 75.2

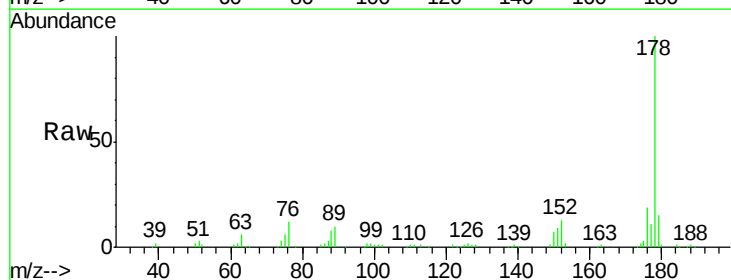


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

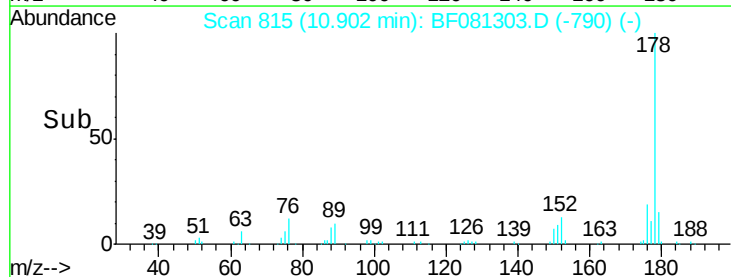
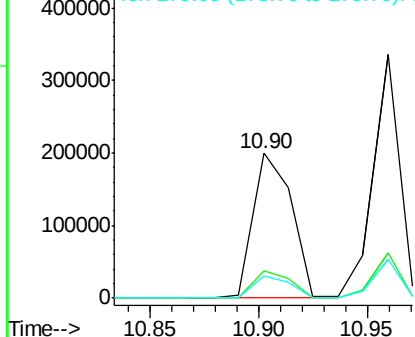


#70
 Phenanthrene
 Concen: 22.46 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:178 Resp: 247582
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.3 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

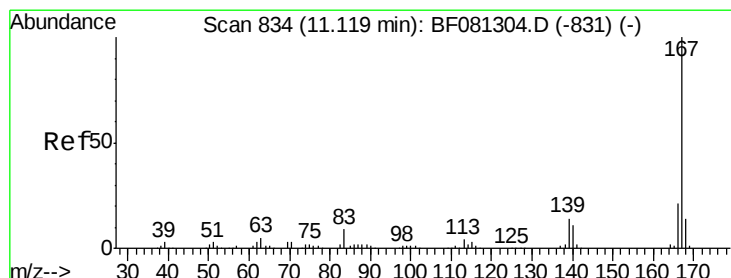
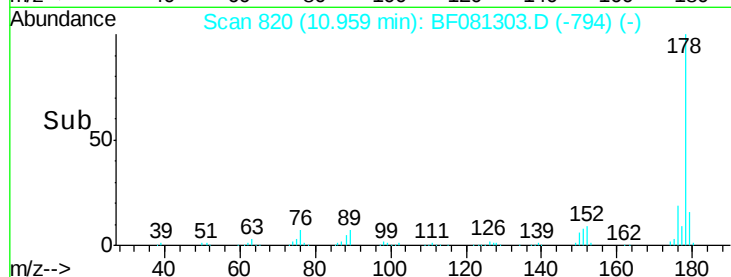
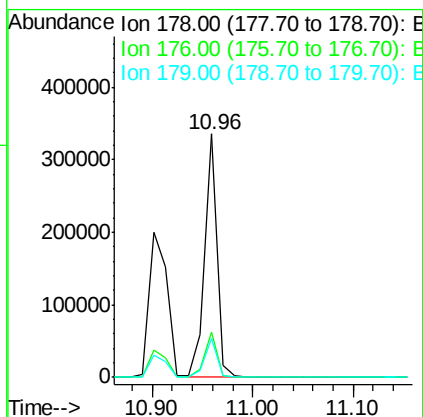
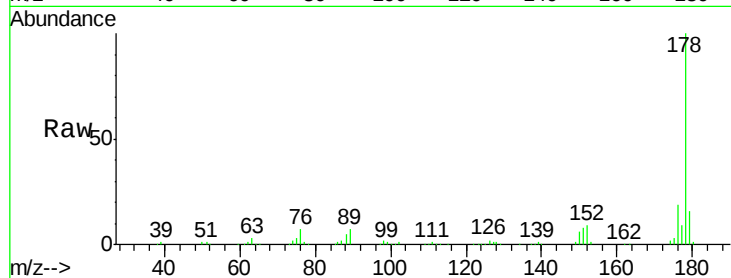




#71
 Anthracene
 Concen: 25.97 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

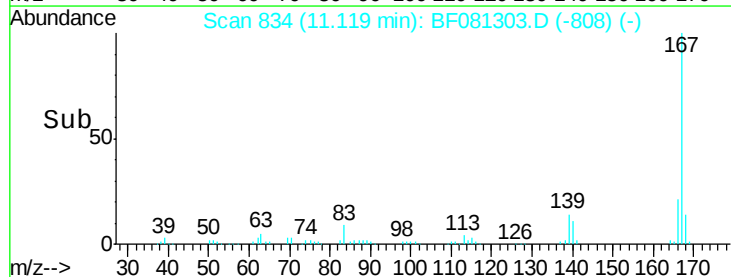
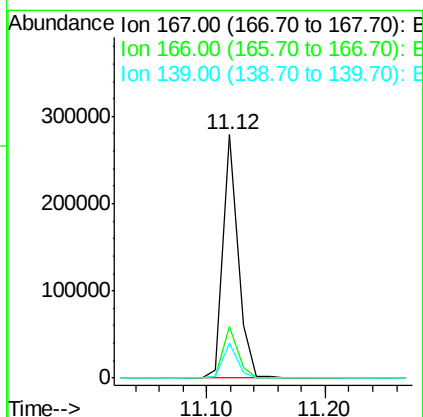
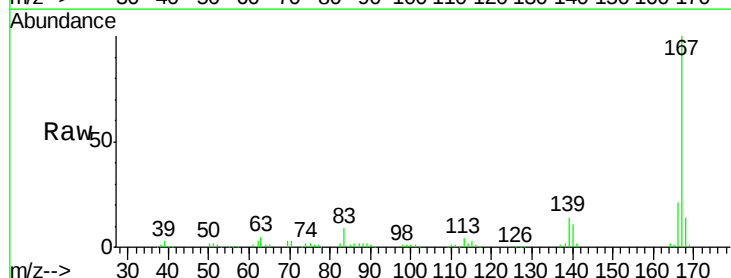
Instrument :
 BNA_F
 ClientSampleId :

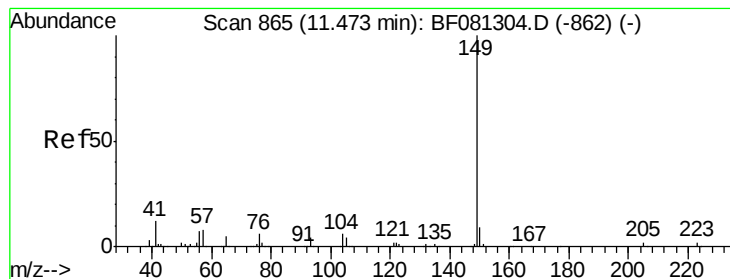
Tot Ion:178 Resp: 286285
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 23.47 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:167 Resp: 243488
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 14.3 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 24.60 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

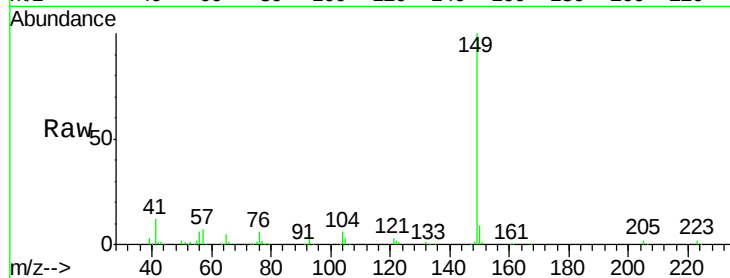
Tot Ion:149 Resp: 286395

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

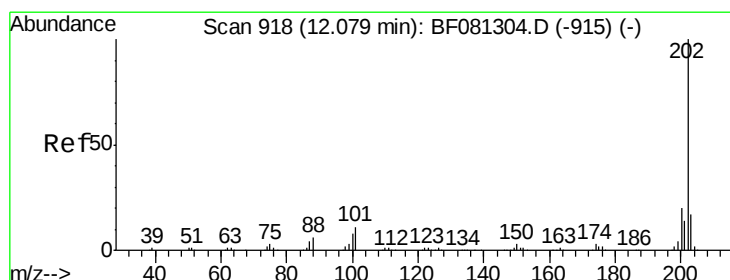
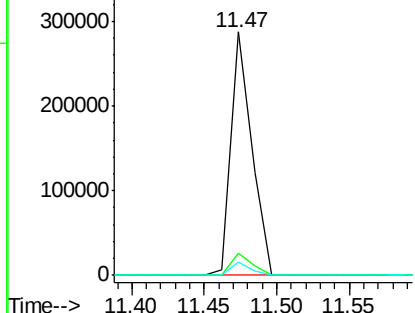
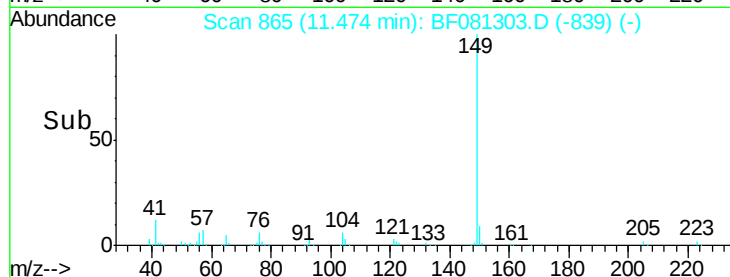
104 5.6 2.4 3.6#



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: 25.33 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

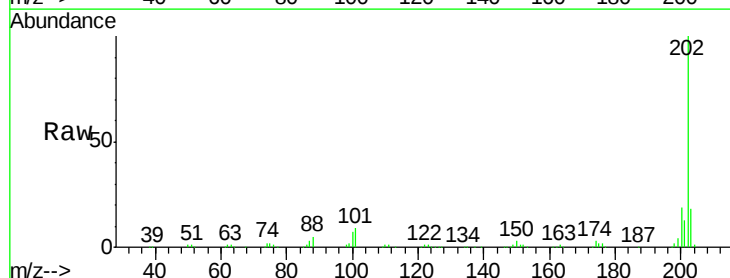
Tgt Ion:202 Resp: 292672

Ion Ratio Lower Upper

202 100

101 8.8 0.0 38.3

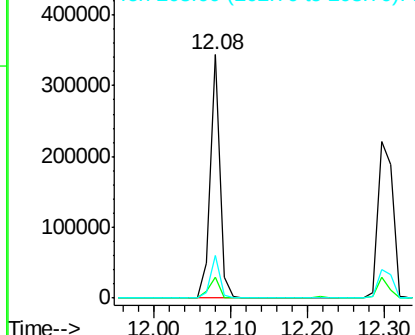
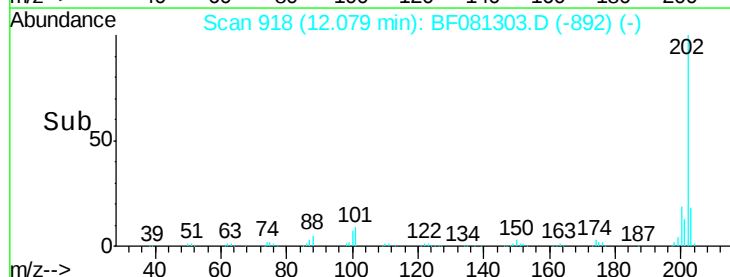
203 17.7 0.0 37.3

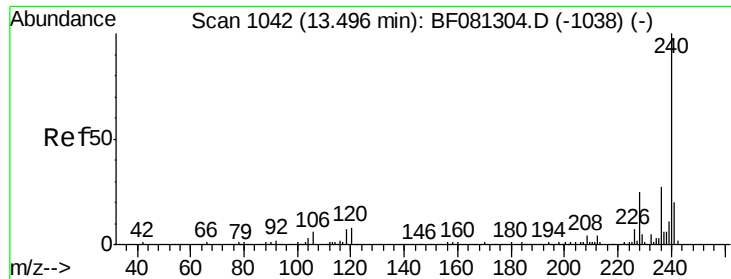


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :

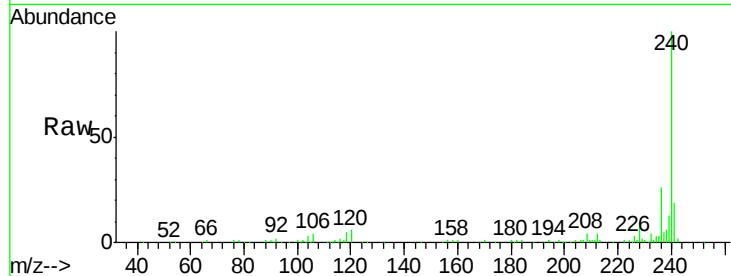
Tot Ion:240 Resp: 162871

Ion Ratio Lower Upper

240 100

120 6.5 16.2 24.2#

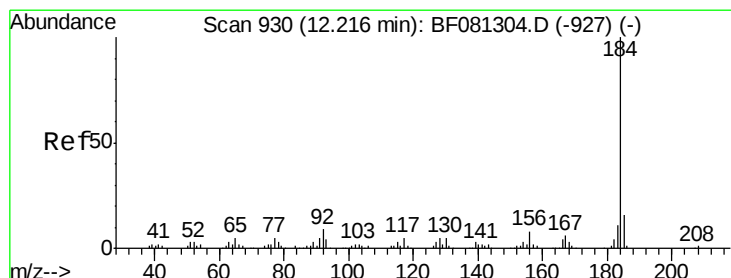
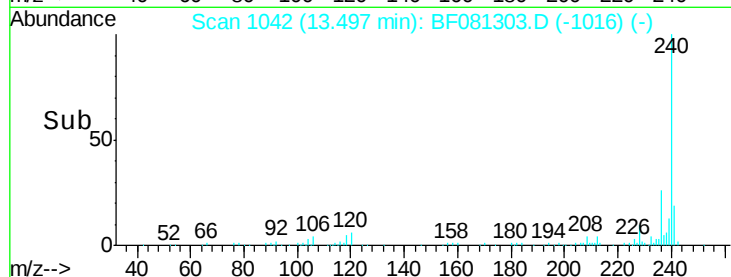
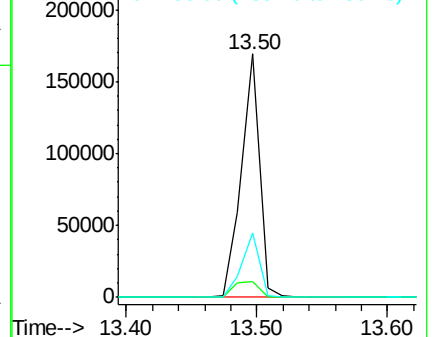
236 26.4 18.4 27.6



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: 24.78 ng

RT: 12.22 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

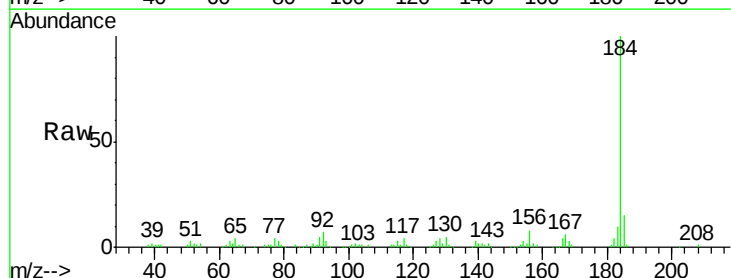
Tgt Ion:184 Resp: 167051

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

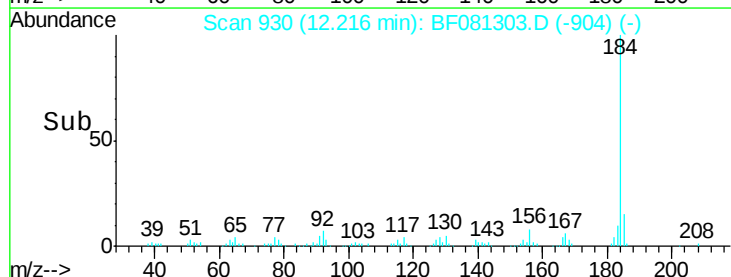
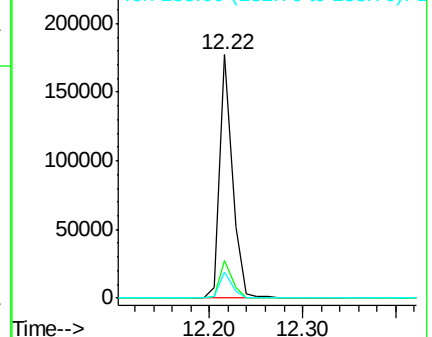
183 10.5 7.6 11.4

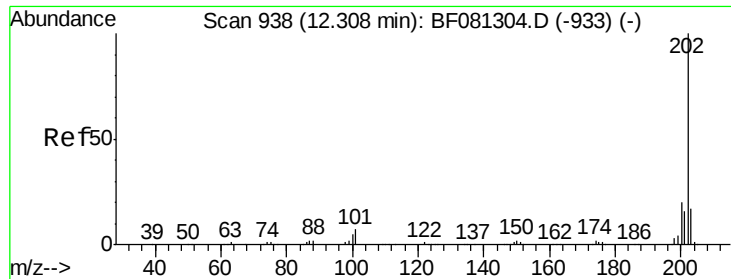


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

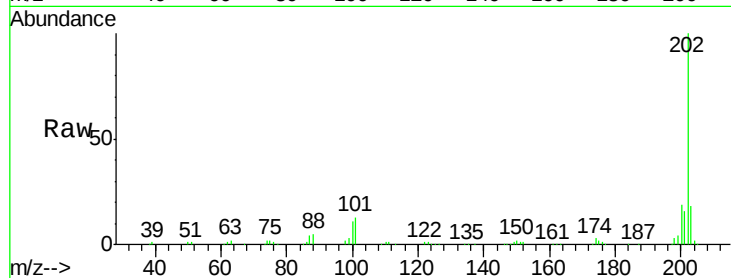




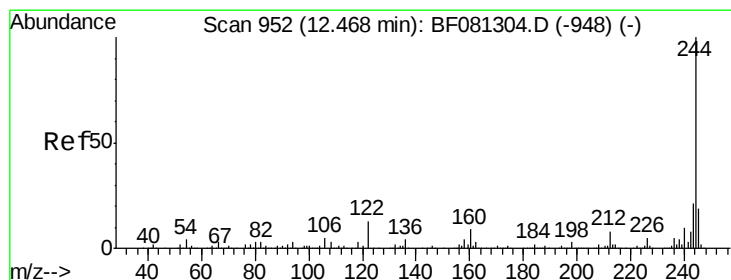
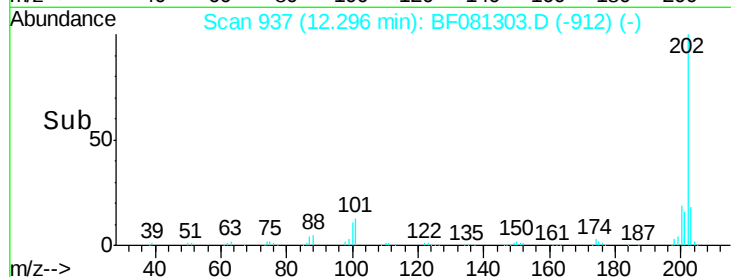
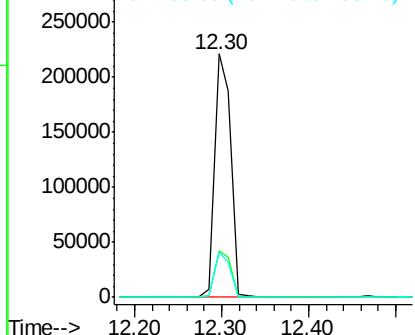
#77
Pvrene
Concen: 23.95 ng
RT: 12.30 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 291442
Ion Ratio Lower Upper
202 100
200 18.9 15.0 22.4
203 18.3 14.1 21.1

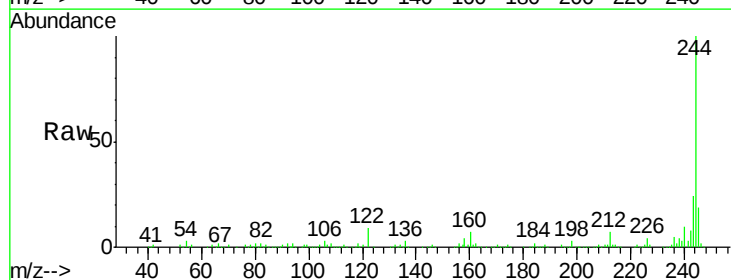


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

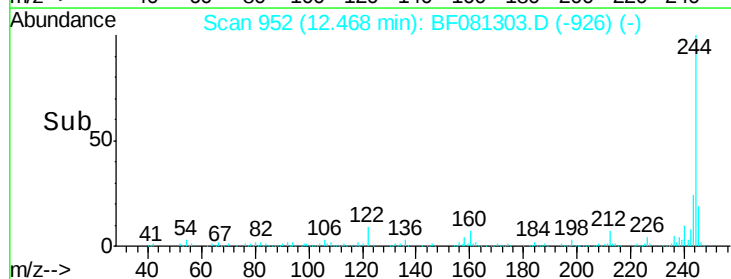
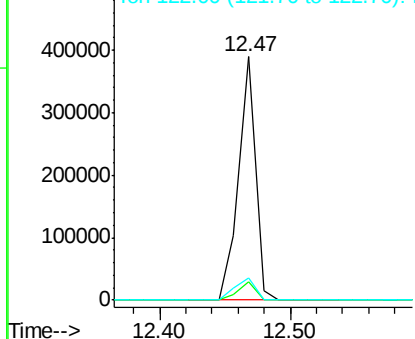


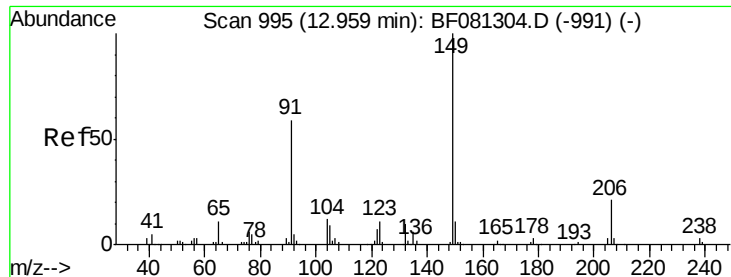
#78
Terphenyl-d14
Concen: 25.88 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:244 Resp: 349822
Ion Ratio Lower Upper
244 100
212 7.4 4.3 6.5#
122 9.1 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

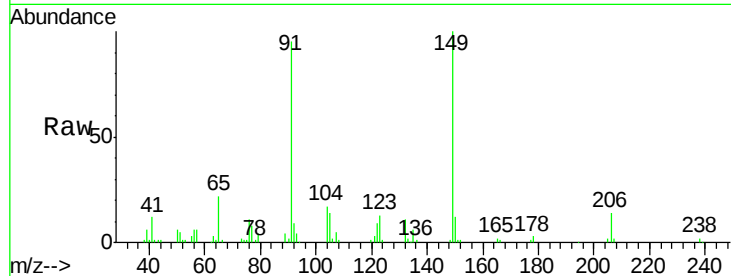




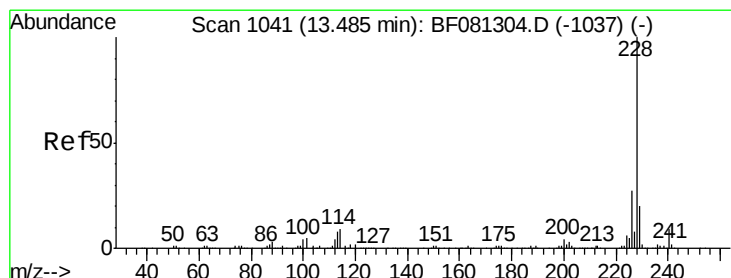
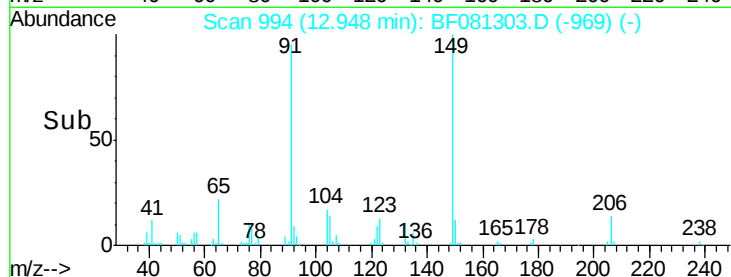
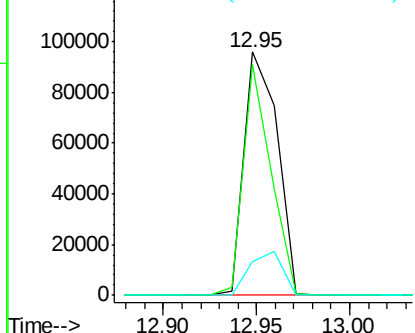
#79
Butylbenzylphthalate
Concen: 25.27 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 118860
Ion Ratio Lower Upper
149 100
91 95.0 48.6 72.8#
206 14.1 14.9 22.3#

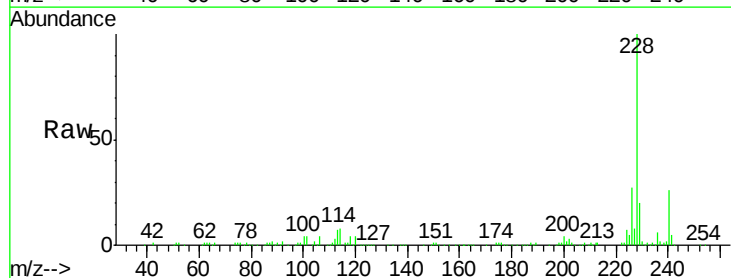


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

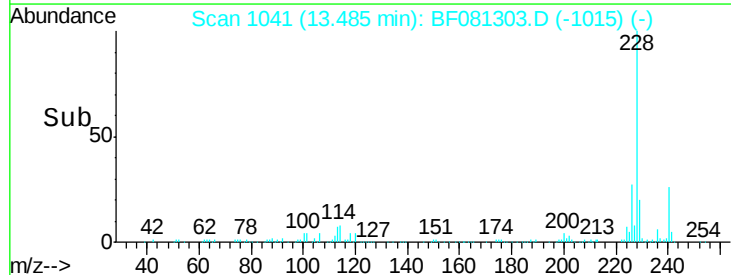
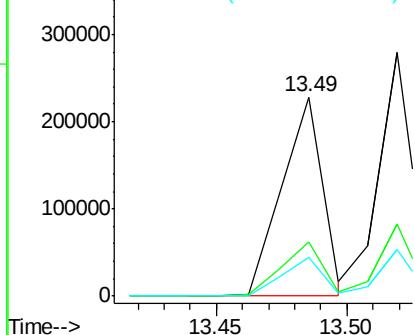


#80
Benzo(a)anthracene
Concen: 23.76 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:228 Resp: 246656
Ion Ratio Lower Upper
228 100
226 27.2 20.0 30.0
229 19.7 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

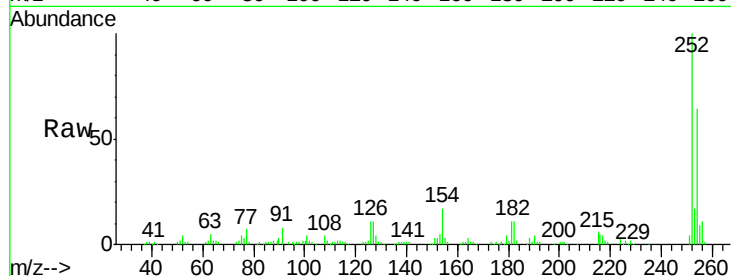




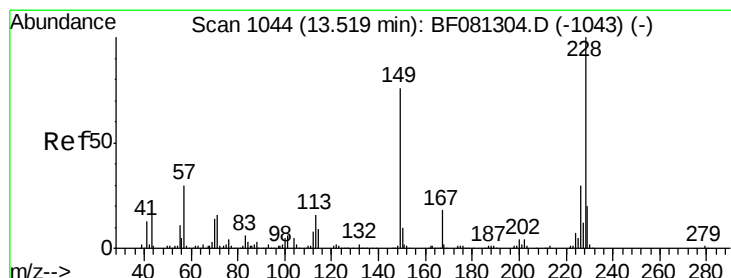
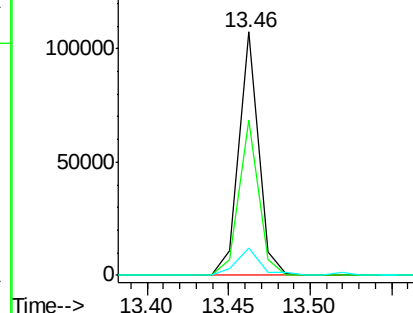
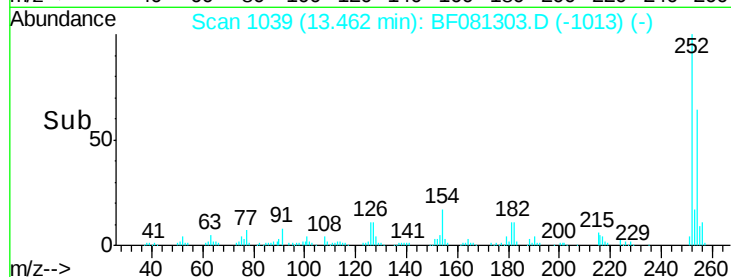
#81
 3,3'-Dichlorobenzidine
 Concen: 26.73 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.2
126	11.0	16.4	24.6

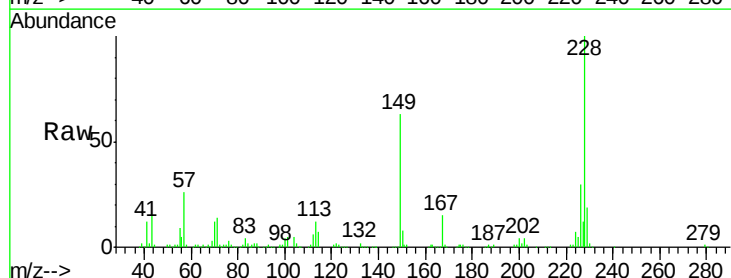


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

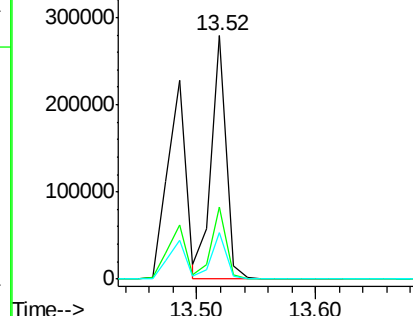
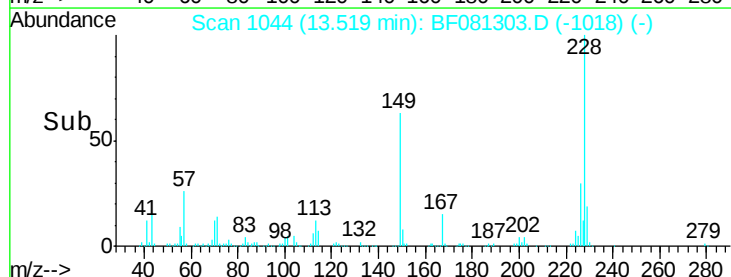


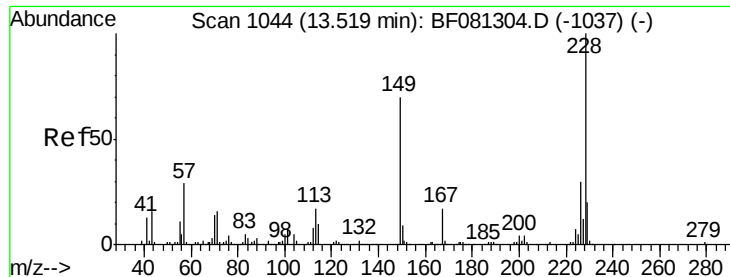
#82
 Chrysene
 Concen: 26.49 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.0	31.4
229	19.2	15.6	23.4



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

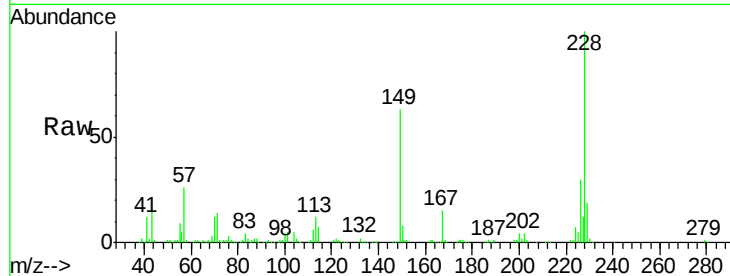




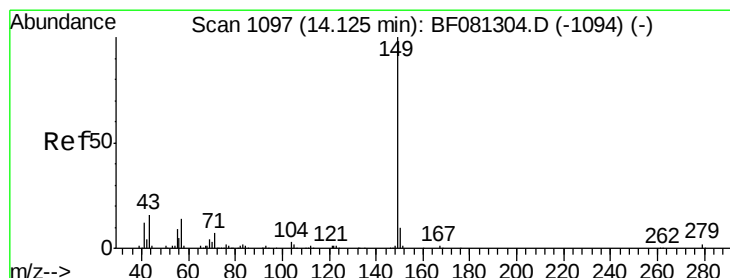
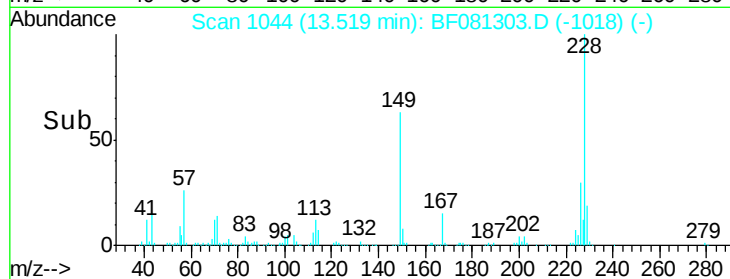
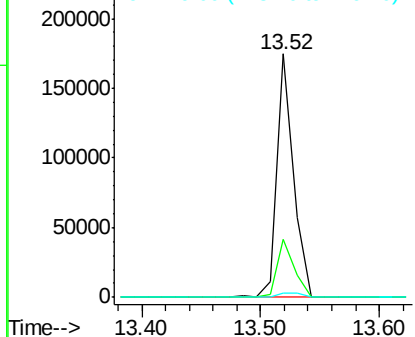
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 26.31 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 168702
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.2 36.2#
 279 1.7 3.8 5.6#

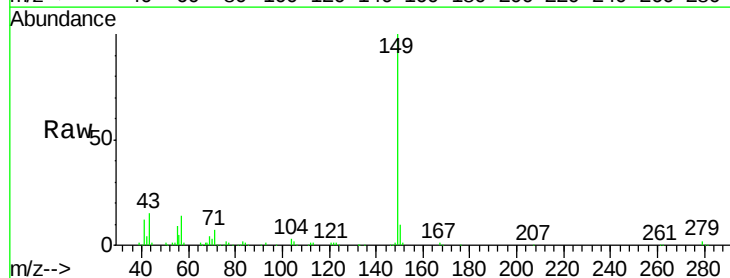


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

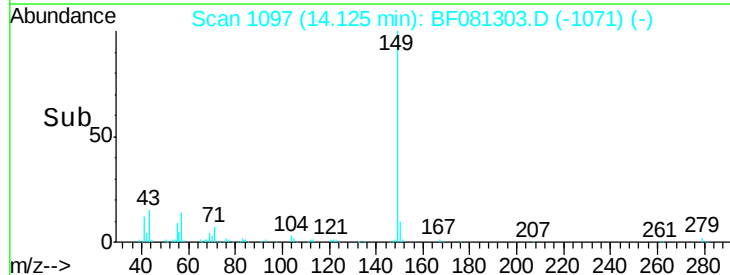
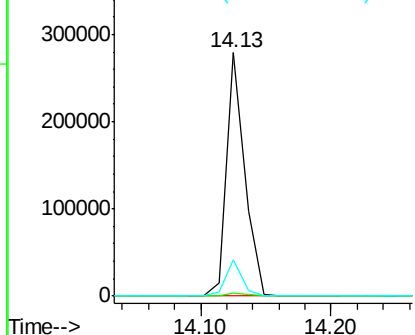


#84
 Di-n-octyl phthalate
 Concen: 26.09 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:149 Resp: 271078
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

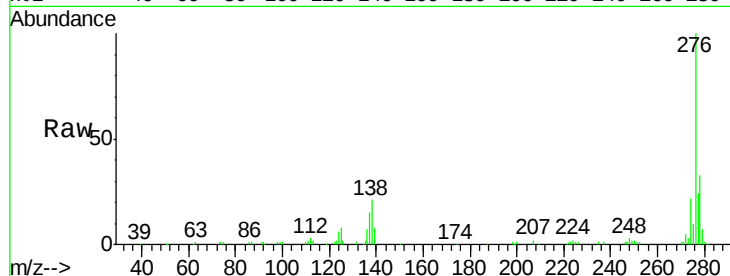




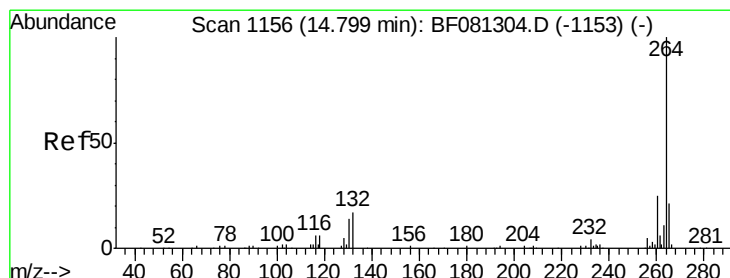
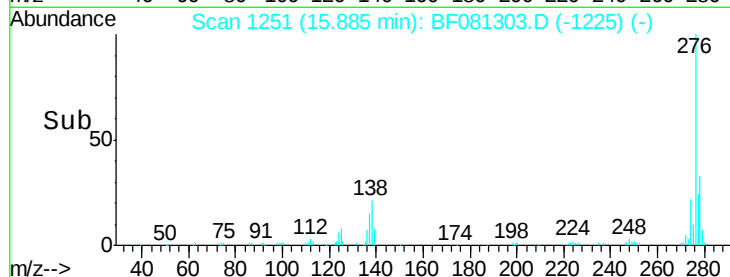
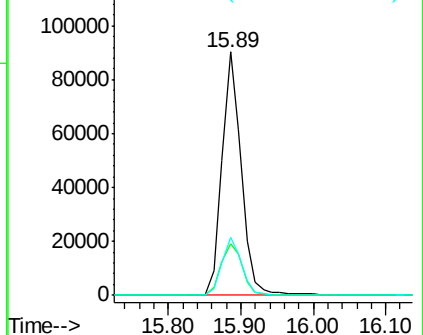
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.66 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 166314
 Ion Ratio Lower Upper
 276 100
 138 23.5 25.7 38.5#
 277 24.1 15.6 23.4#

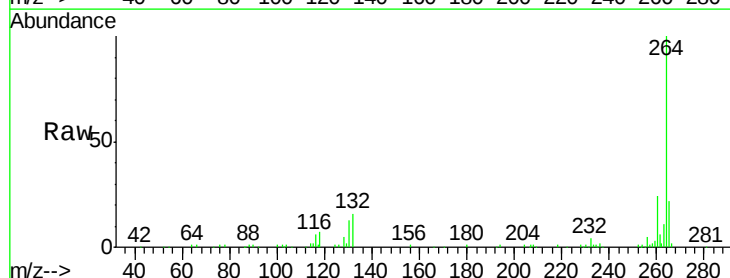


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

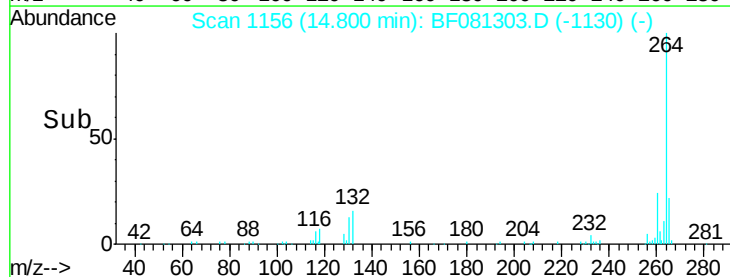
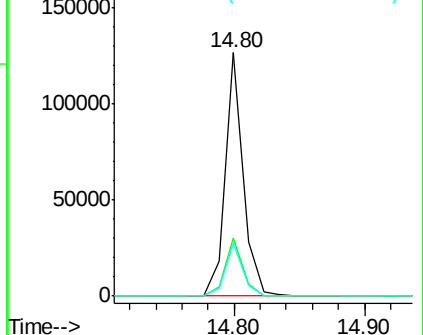


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081303.D
 Acq: 1 Sep 2015 14:41

Tgt Ion:264 Resp: 121320
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.6 17.2 25.8



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

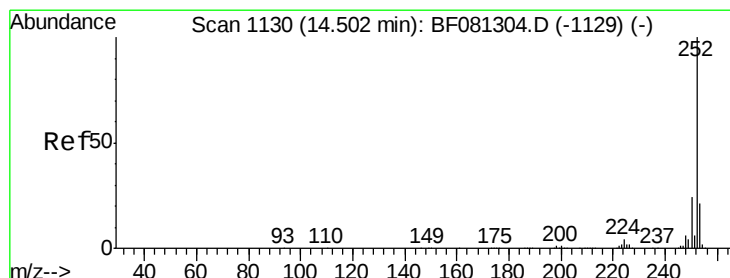
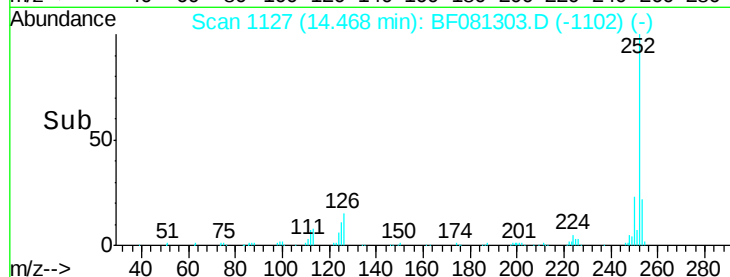
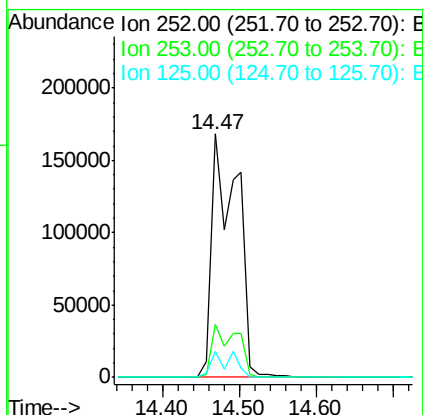
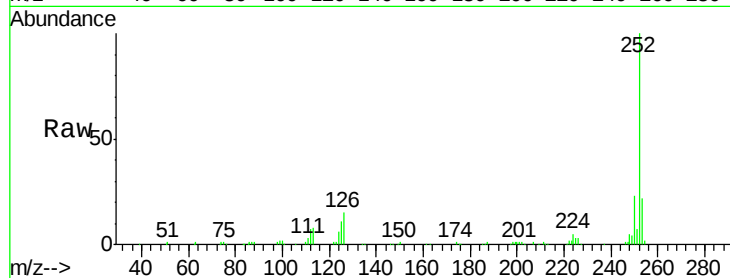




#87
Benzo(b)fluoranthene
Concen: 45.10 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

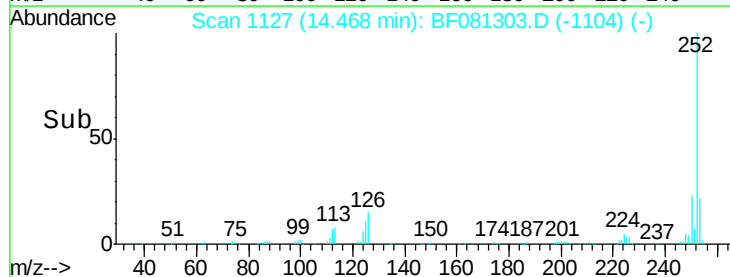
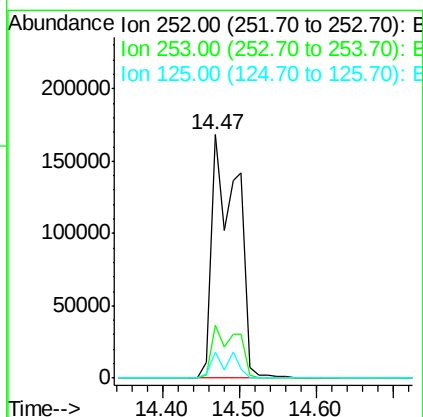
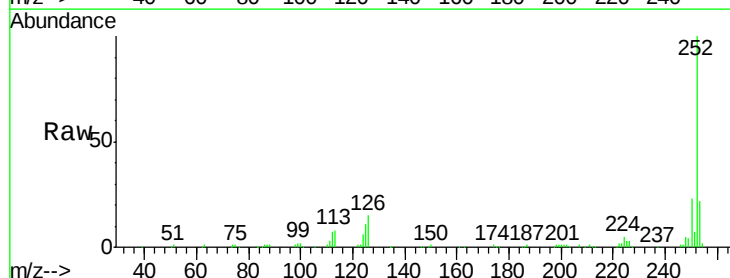
Instrument :
BNA_F
ClientSampleId :

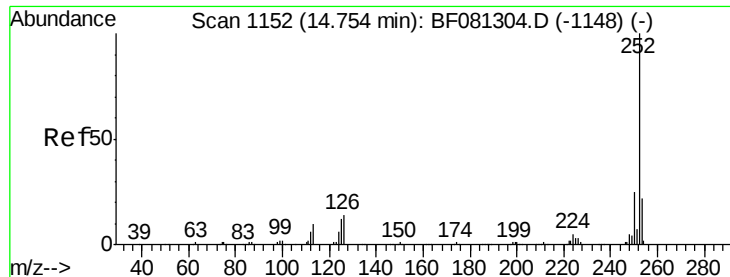
Tot Ion:252 Resp: 393575
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 52.85 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081303.D
Acq: 1 Sep 2015 14:41

Tgt Ion:252 Resp: 393575
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 25.79 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampled :

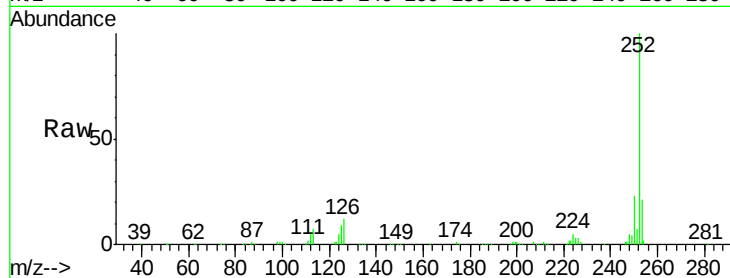
Tot Ion:252 Resp: 189357

Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

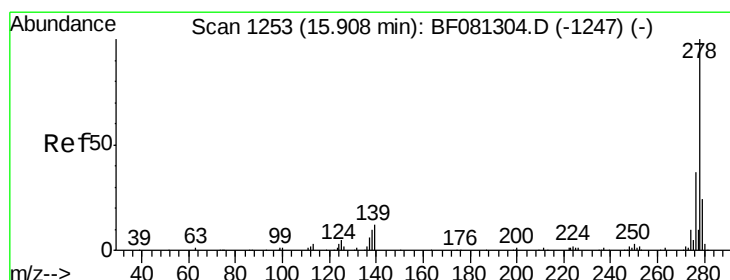
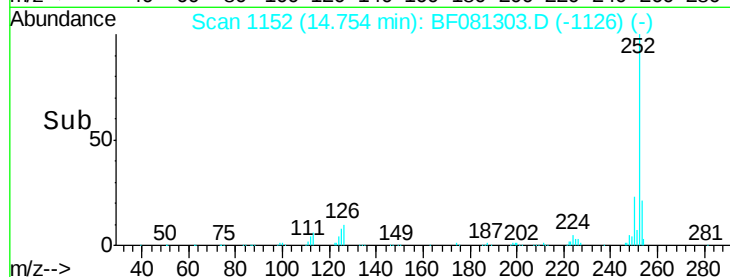
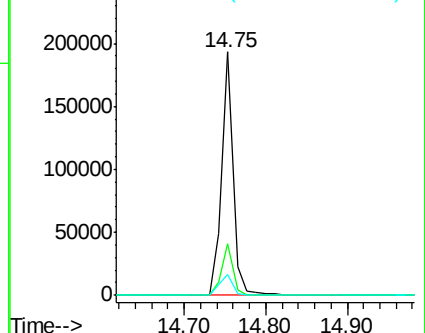
125 8.7 18.0 27.0#



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: 24.75 ng

RT: 15.90 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

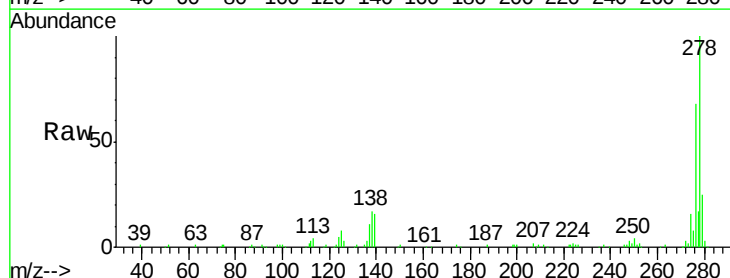
Tgt Ion:278 Resp: 136249

Ion Ratio Lower Upper

278 100

139 16.3 26.3 39.5#

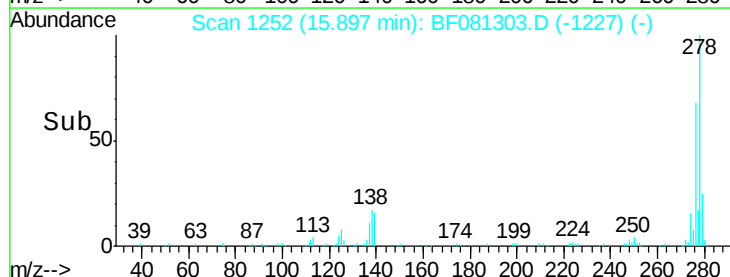
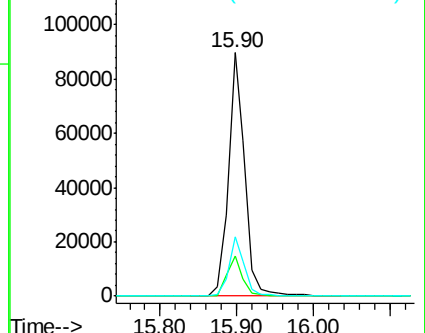
279 24.5 18.2 27.4

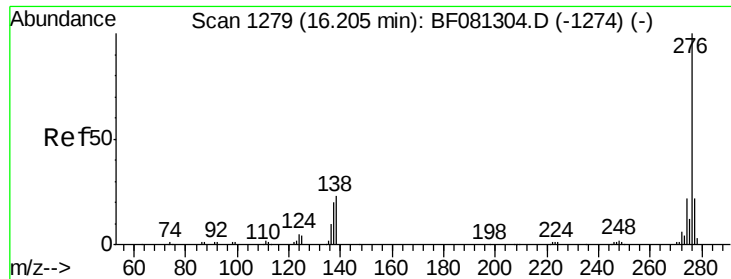


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.75 ng

RT: 16.21 min Scan# 1279

Delta R.T. 0.00 min

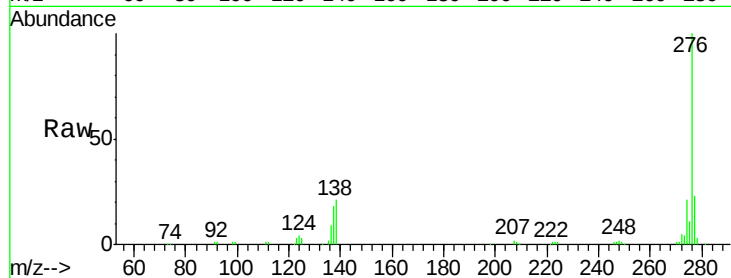
Lab File: BF081303.D

Acq: 1 Sep 2015 14:41

Instrument :

BNA_F

ClientSampleId :



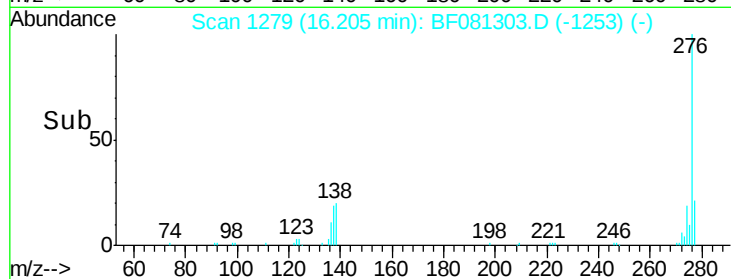
Tot Ion: 276 Resp: 130124

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.6

138 21.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

