

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081542.D
 Acq On : 9 Sep 2015 3:08
 Operator : UM/IZ
 Sample : G3585-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 04:35:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	45870	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	176422	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	82271	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	145858	20.00	ng	0.00
75) Chrysene-d12	13.45	240	104076	20.00	ng	0.00
86) Perylene-d12	14.75	264	88577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	156037	52.78	ng	0.02
7) Phenol-d6	6.02	99	416385	106.40	ng	0.00
23) Nitrobenzene-d5	6.92	82	281018	76.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	10696	14.60	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	420333	65.47	ng	0.00
78) Terphenyl-d14	12.42	244	302515	67.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	45285	34.11	ng	# 72
3) Pyridine	2.25	79	162671	44.43	ng	# 82
4) n-Nitrosodimethylamine	2.23	42	89008	43.76	ng	# 70
6) Aniline	6.01	93	102603	18.57	ng	# 70
8) 2-Chlorophenol	6.14	128	99133	30.43	ng	# 95
9) Benzaldehyde	5.88	77	87138	35.54	ng	# 87
10) Phenol	6.03	94	178208	39.27	ng	# 47
11) bis(2-Chloroethyl)ether	6.10	93	147666	45.10	ng	# 92
12) 1,3-Dichlorobenzene	6.28	146	144840	41.61	ng	# 94
13) 1,4-Dichlorobenzene	6.36	146	143917	40.61	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	121638	38.12	ng	# 86
15) Benzyl Alcohol	6.51	79	134590	41.92	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	281847	44.91	ng	# 5
17) 2-Methylphenol	6.65	107	112666	43.34	ng	# 73
18) Hexachloroethane	6.86	117	50991	36.98	ng	# 88
19) n-Nitroso-di-n-propylamine	6.79	70	111444	41.84	ng	# 88
20) 3+4-Methylphenols	6.81	107	144725	41.29	ng	# 88
22) Acetophenone	6.78	105	208459	43.26	ng	# 75
24) Nitrobenzene	6.95	77	180452	47.52	ng	# 65
25) Isophorone	7.19	82	279115	41.04	ng	# 81
26) 2-Nitrophenol	7.27	139	18437	11.14	ng	# 58
27) 2,4-Dimethylphenol	7.34	122	128194	44.84	ng	# 81
28) bis(2-Chloroethoxy)methane	7.42	93	171407	43.63	ng	# 90
29) 2,4-Dichlorophenol	7.52	162	67235	27.12	ng	# 92
30) 1,2,4-Trichlorobenzene	7.59	180	113267	42.06	ng	# 97
31) Naphthalene	7.67	128	957572	101.77	ng	# 99
32) Benzoic acid	7.34	122	128194	62.03	ng	# 29
33) 4-Chloroaniline	7.72	127	86452	22.53	ng	# 82
34) Hexachlorobutadiene	7.78	225	65079	39.71	ng	# 96
35) Caprolactam	8.08	113	31119	40.93	ng	# 17
36) 4-Chloro-3-methylphenol	8.24	107	130493	47.03	ng	# 76
37) 2-Methylnaphthalene	8.35	142	272416	44.49	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	97758	37.57	ng	# 98
40) Hexachlorocyclopentadiene	8.50	237	9026	7.07	ng	# 97

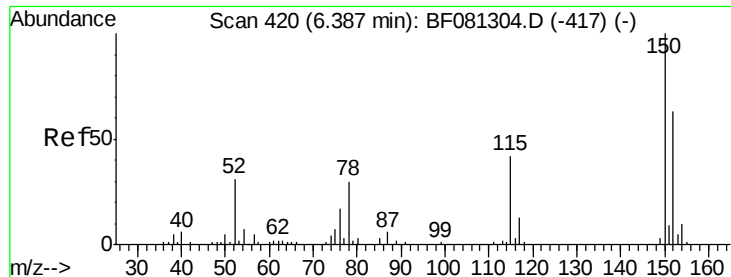
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	7090	3.95	nq	97
43) 2,4,5-Trichlorophenol	8.68	196	18848	10.29	nq	# 77
45) 1,1'-Biphenyl	8.81	154	283174	37.41	nq	96
46) 2-Chloronaphthalene	8.83	162	228872	41.87	nq	# 91
47) 2-Nitroaniline	8.95	65	104485	46.90	nq	# 74
48) Acenaphthylene	9.23	152	351047	36.20	nq	96
49) Dimethylphthalate	9.13	163	400876	62.71	nq	# 97
50) 2,6-Dinitrotoluene	9.19	165	48184	33.21	nq	# 1
51) Acenaphthene	9.42	154	204333	37.04	nq	88
52) 3-Nitroaniline	9.36	138	57692	34.93	nq	# 87
54) Dibenzofuran	9.58	168	298200	37.02	nq	# 79
55) 4-Nitrophenol	9.58	139	125240	120.70	nq	# 30
56) 2,4-Dinitrotoluene	9.59	165	71708	38.82	nq	# 43
57) Fluorene	9.92	166	259219	42.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.71	232	2814	2.01	nq	# 74
59) Diethylphthalate	9.83	149	300015	44.62	nq	99
60) 4-Chlorophenyl-phenylether	9.92	204	107748	37.82	nq	# 68
61) 4-Nitroaniline	9.95	138	55513	33.27	nq	# 14
62) Azobenzene	10.08	77	317563	42.48	nq	83
65) n-Nitrosodiphenylamine	10.04	169	225834	42.55	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	61787	41.89	nq	# 86
67) Hexachlorobenzene	10.46	284	58863	38.17	nq	# 67
68) Atrazine	10.58	200	62330	40.58	nq	83
69) Pentachlorophenol	10.67	266	727	9.61	nq	94
70) Phenanthrene	10.87	178	348849	43.02	nq	97
71) Anthracene	10.91	178	317604	38.12	nq	98
72) Carbazole	11.08	167	330058	42.22	nq	98
73) Di-n-butylphthalate	11.44	149	406328	44.02	nq	# 98
74) Fluoranthene	12.03	202	282412	32.17	nq	90
76) Benzidine	12.18	184	139843	31.30	nq	98
77) Pyrene	12.26	202	298056	38.66	nq	98
79) Butylbenzylphthalate	12.91	149	146271	43.63	nq	98
80) Benzo(a)anthracene	13.44	228	258777	39.04	nq	98
81) 3,3'-Dichlorobenzidine	13.42	252	66567	29.77	nq	# 96
82) Chrysene	13.47	228	199861	33.64	nq	94
83) Bis(2-ethylhexyl)phthalate	13.47	149	195468	44.18	nq	# 88
84) Di-n-octyl phthalate	14.08	149	314194	43.13	nq	95
85) Indeno(1,2,3-cd)pyrene	15.83	276	189281	43.42	nq	# 86
87) Benzo(b)fluoranthene	14.46	252	463023	73.22	nq	# 84
88) Benzo(k)fluoranthene	14.46	252	463023	88.24	nq	# 85
89) Benzo(a)pyrene	14.71	252	202316	37.75	nq	# 87
90) Dibenzo(a,h)anthracene	15.84	278	166235	40.15	nq	# 80
91) Benzo(g,h,i)perylene	16.15	276	142543	36.07	nq	# 71

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

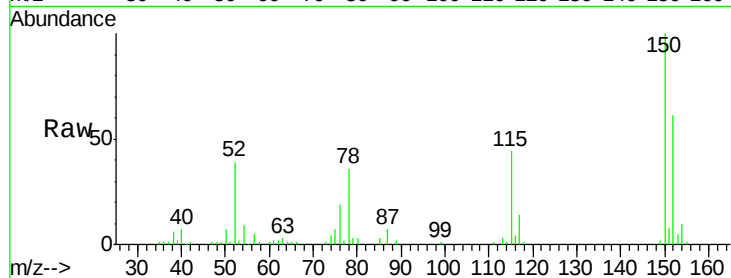
Tot Ion:152 Resp: 45870

Ion Ratio Lower Upper

152 100

150 164.6 124.7 187.1

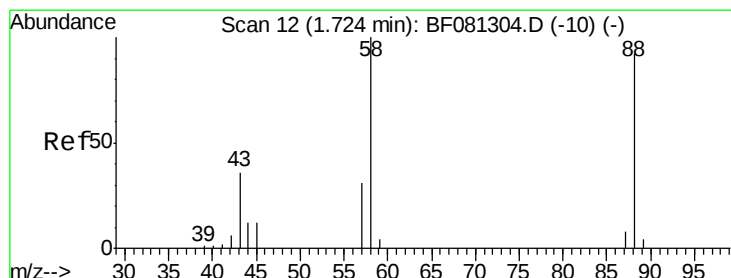
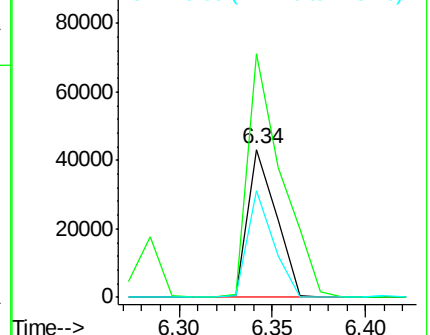
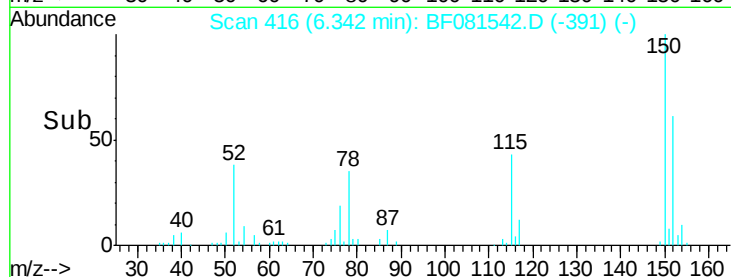
115 72.0 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.11 ng

RT: 1.72 min Scan# 12

Delta R.T. 0.06 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

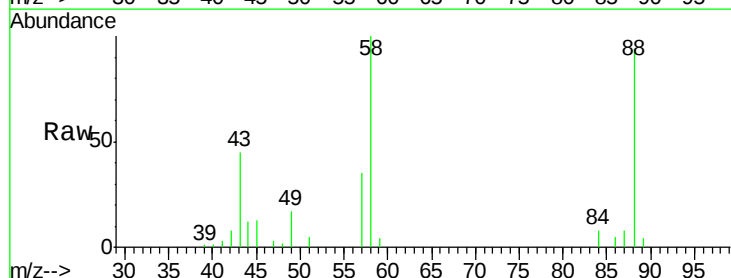
Tgt Ion: 88 Resp: 45285

Ion Ratio Lower Upper

88 100

58 115.4 77.7 116.5

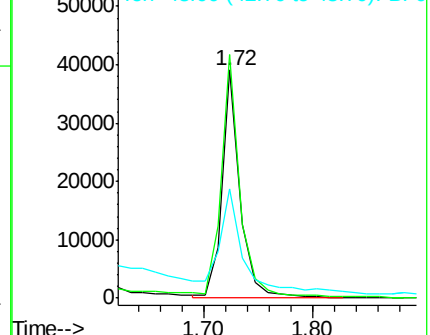
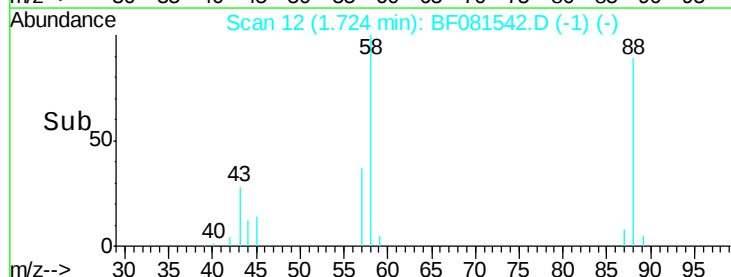
43 64.6 26.6 40.0#

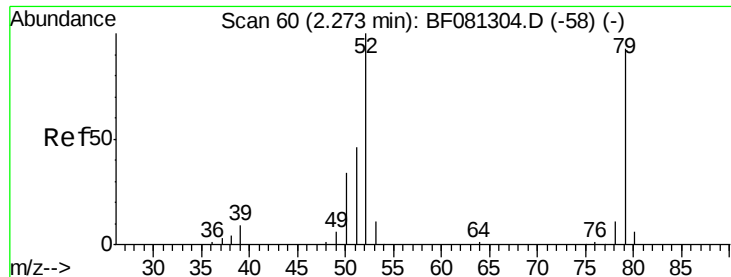


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.43 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.05 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampled :

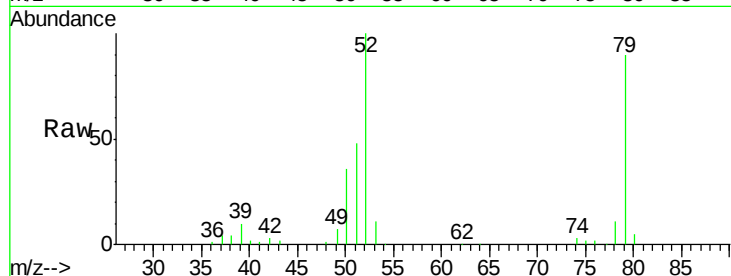
Tot Ion: 79 Resp: 162671

Ion Ratio Lower Upper

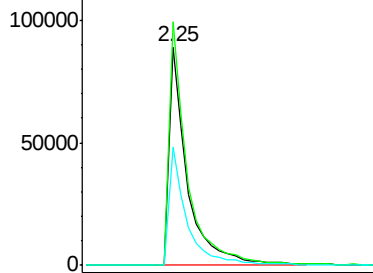
79 100

52 111.4 76.8 115.2

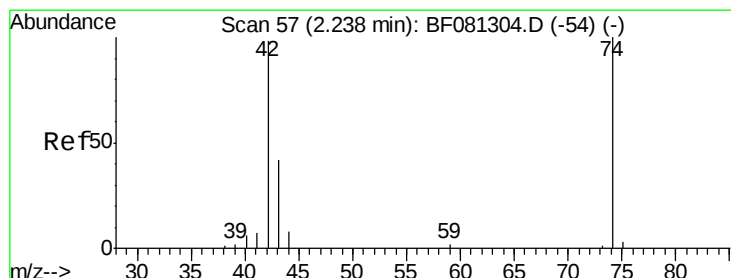
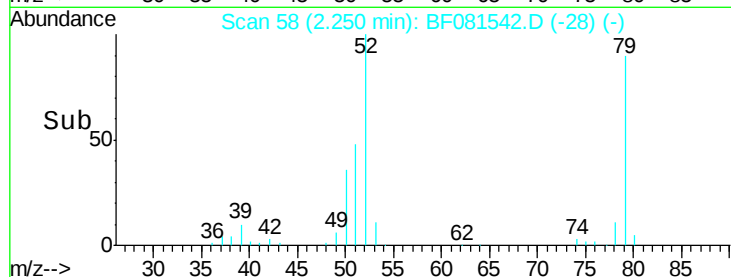
51 53.8 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 43.76 ng

RT: 2.23 min Scan# 56

Delta R.T. 0.05 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

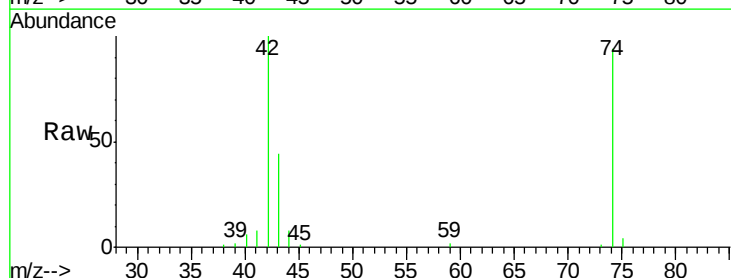
Tgt Ion: 42 Resp: 89008

Ion Ratio Lower Upper

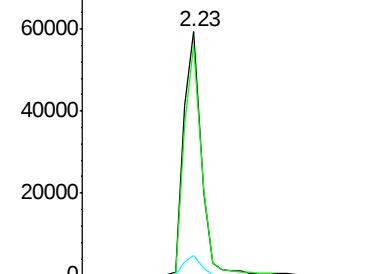
42 100

74 94.3 105.0 157.6#

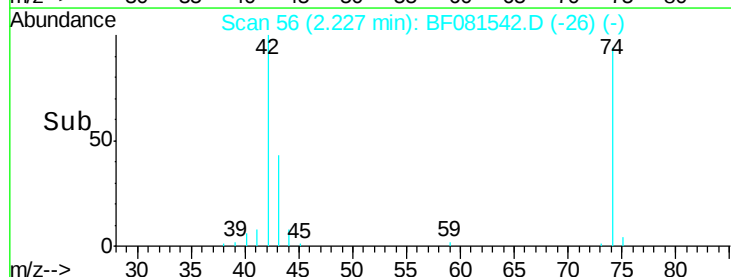
44 7.9 6.6 10.0

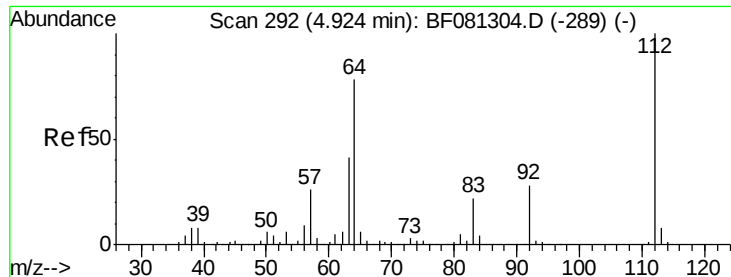


Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



Time-->





#5

2-Fluorophenol

Concen: 52.78 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

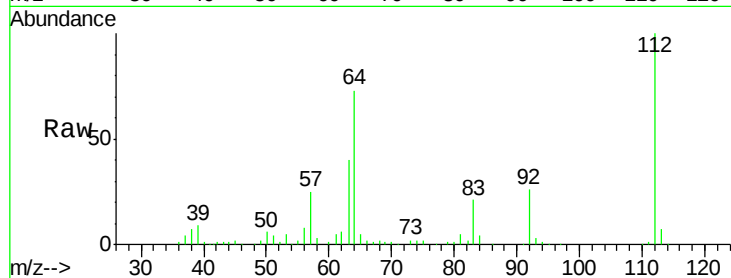
Tot Ion:112 Resp: 156037

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

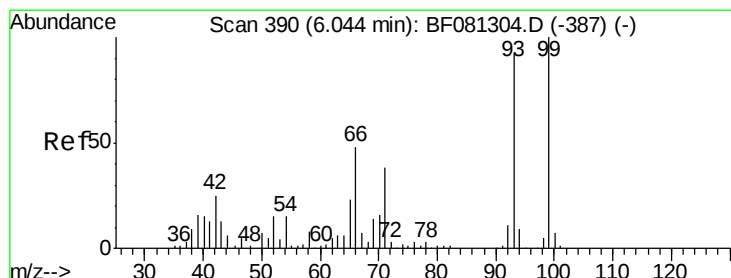
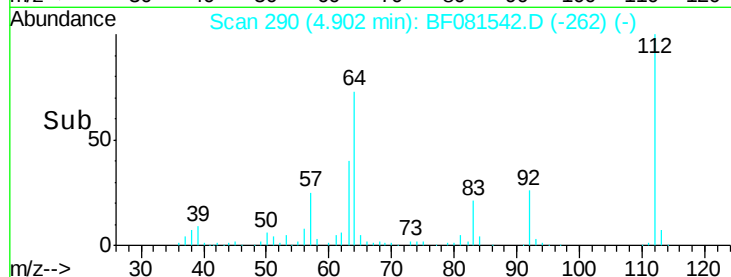
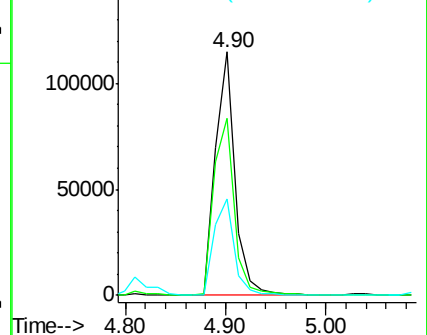
63 39.5 17.4 26.0#



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: 18.57 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

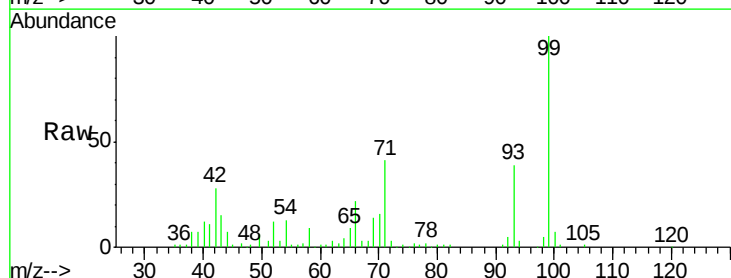
Tgt Ion: 93 Resp: 102603

Ion Ratio Lower Upper

93 100

66 57.1 27.2 40.8#

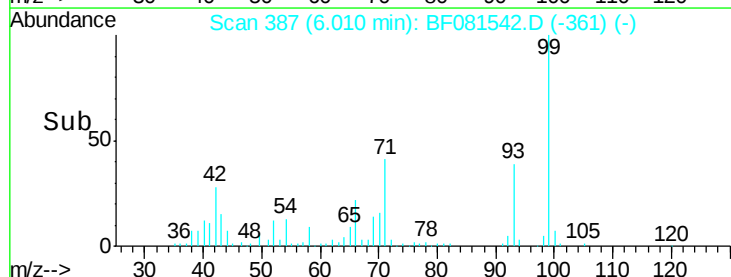
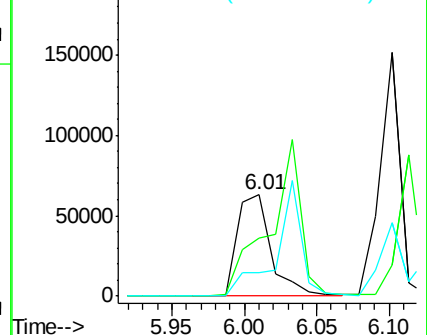
65 23.3 14.7 22.1#

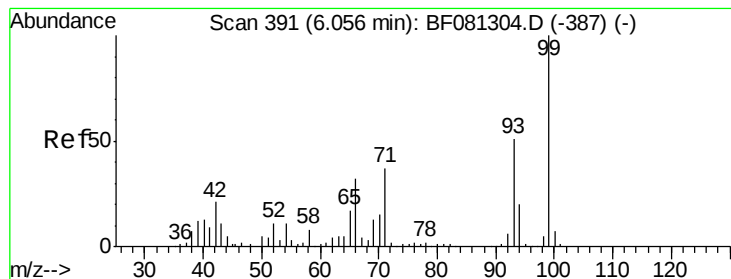


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.40 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

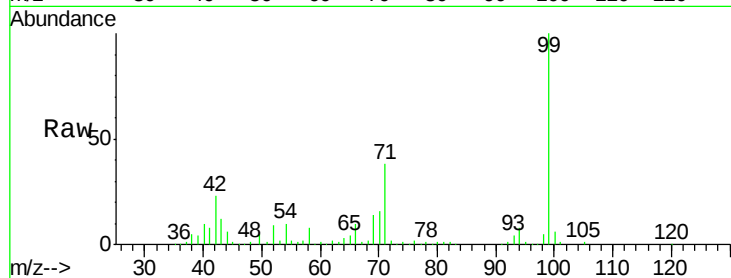
Tot Ion: 99 Resp: 416385

Ion Ratio Lower Upper

99 100

42 23.4 13.7 20.5#

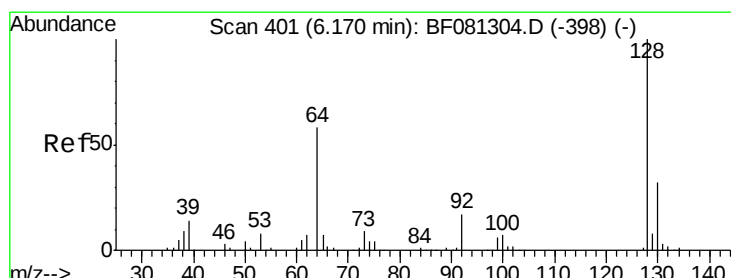
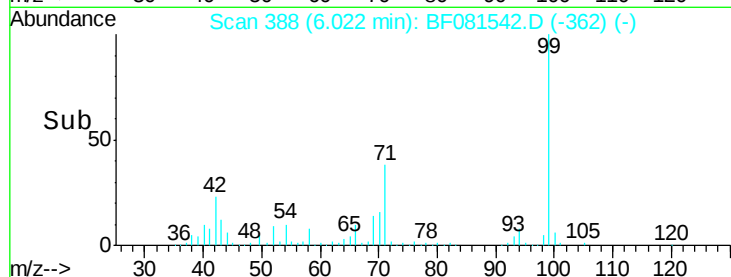
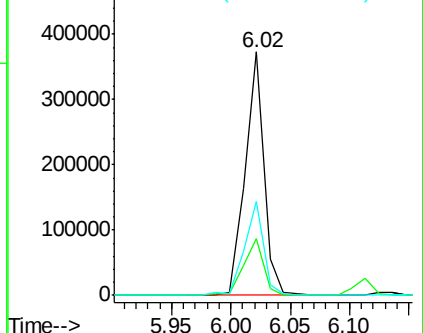
71 38.3 14.2 21.2#



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: 30.43 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

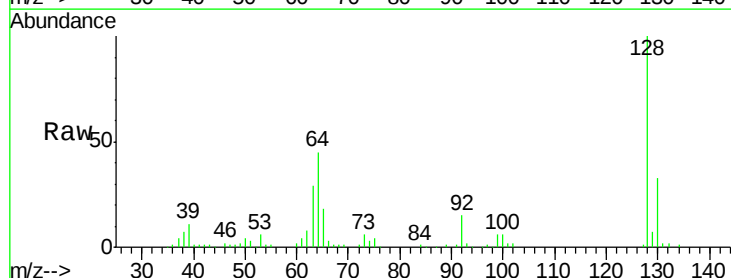
Tgt Ion: 128 Resp: 99133

Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

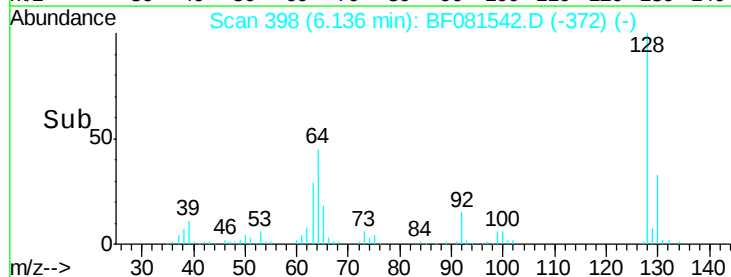
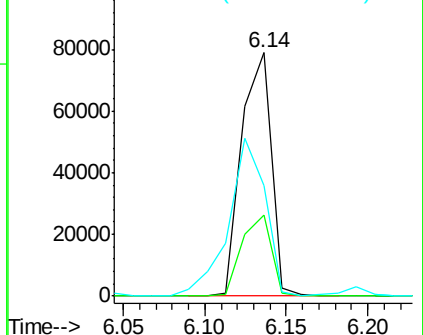
64 45.1 20.5 60.5

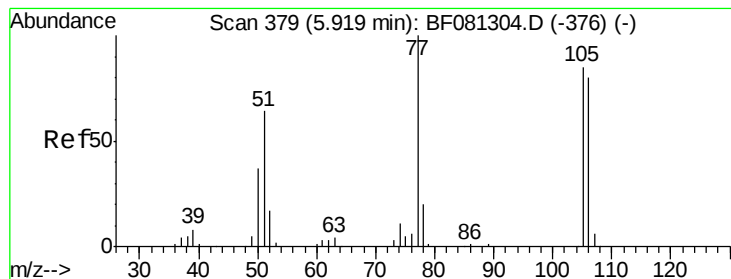


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.54 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampled :

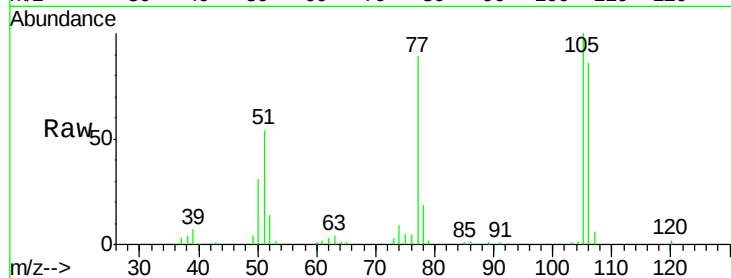
Tot Ion: 77 Resp: 87138

Ion Ratio Lower Upper

77 100

105 112.7 91.6 131.6

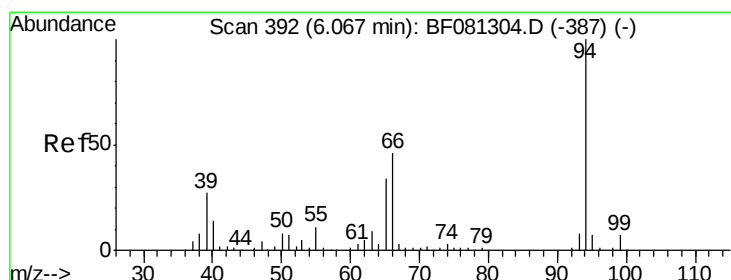
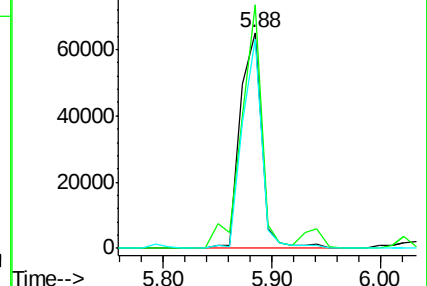
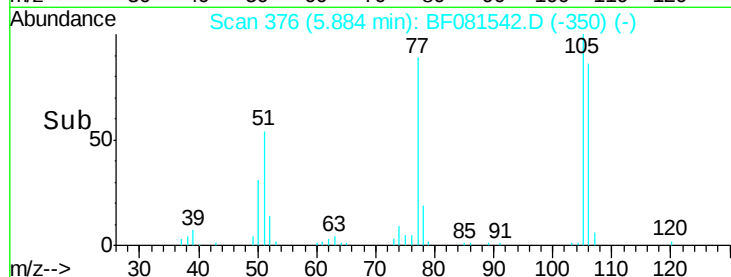
106 96.5 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.27 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

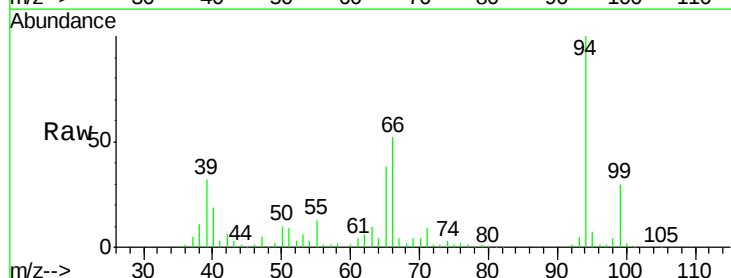
Tgt Ion: 94 Resp: 178208

Ion Ratio Lower Upper

94 100

65 38.3 0.7 40.7

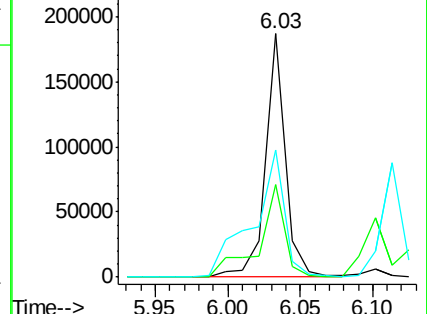
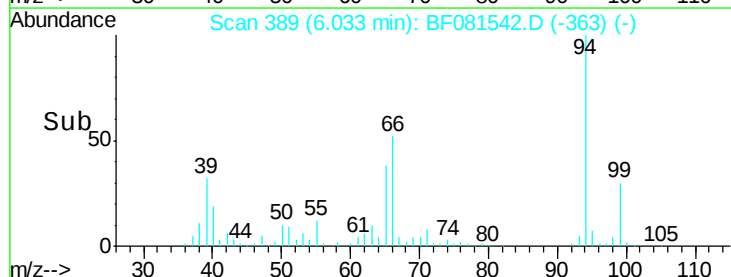
66 52.2 0.8 40.8#

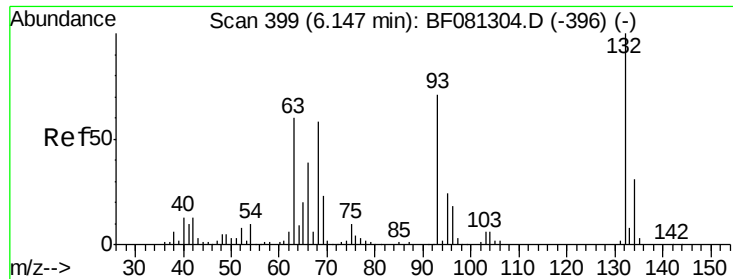


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.10 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

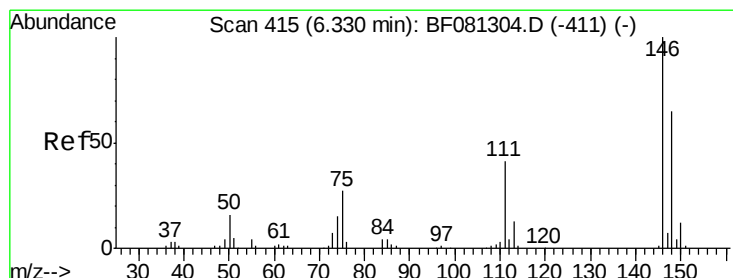
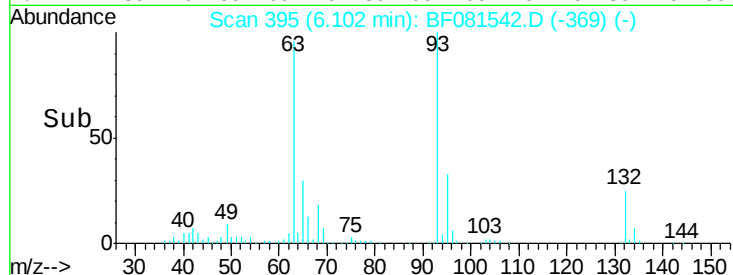
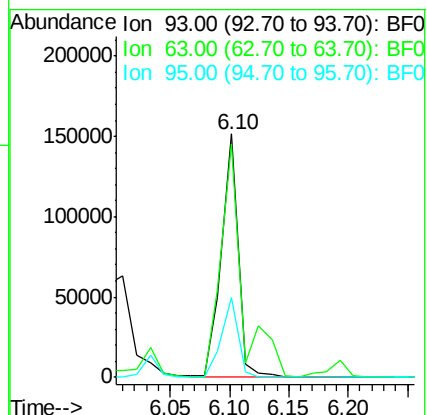
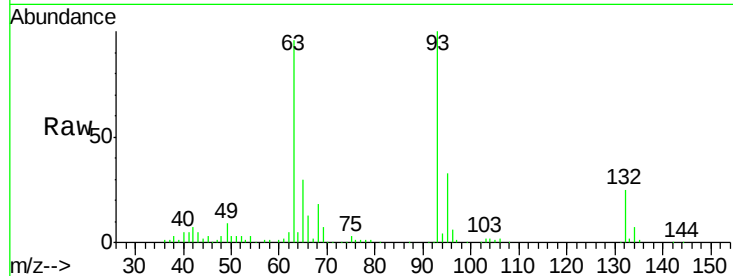
Tot Ion: 93 Resp: 147666

Ion Ratio Lower Upper

93 100

63 95.7 65.6 105.6

95 33.0 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 41.61 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

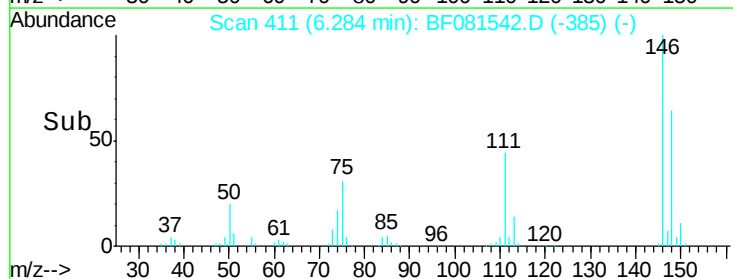
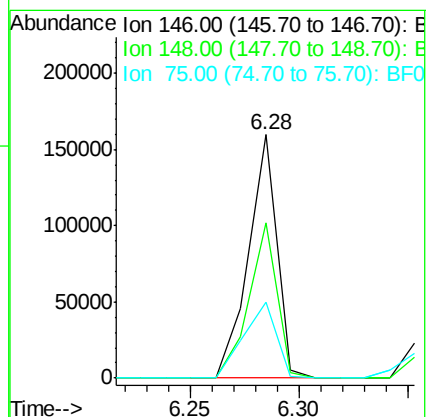
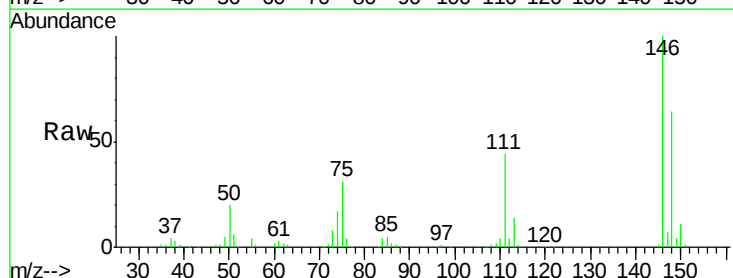
Tgt Ion: 146 Resp: 144840

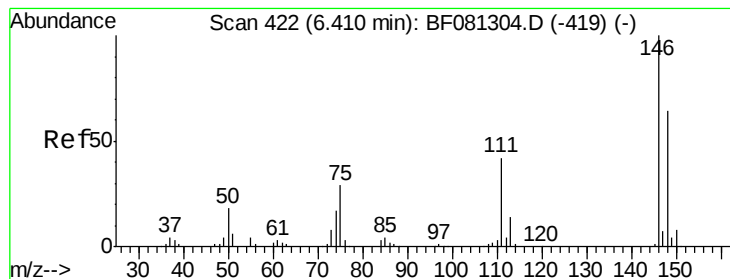
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 31.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 40.61 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

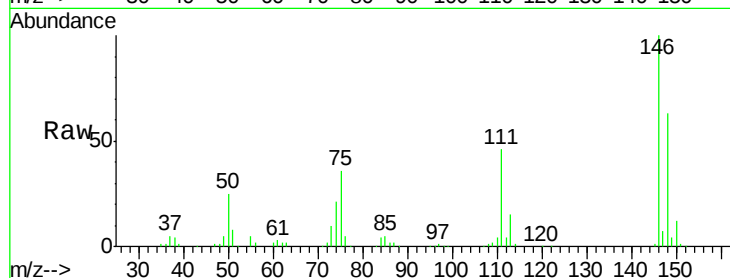
Tot Ion:146 Resp: 143917

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

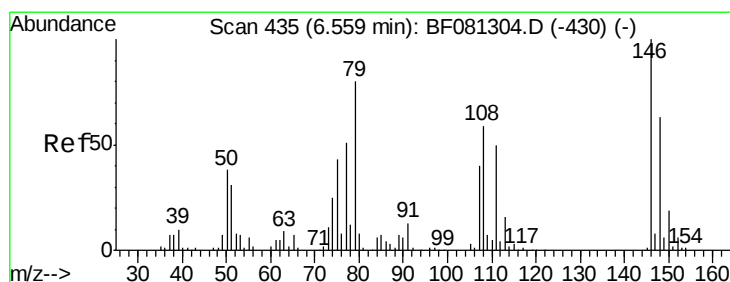
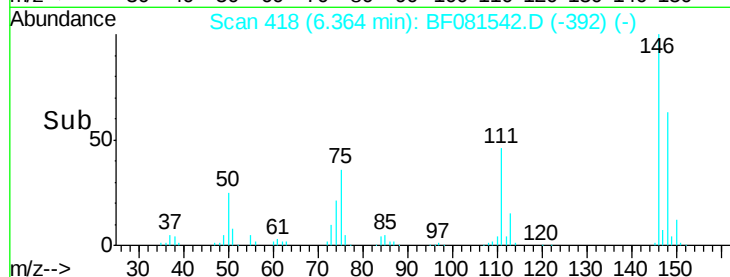
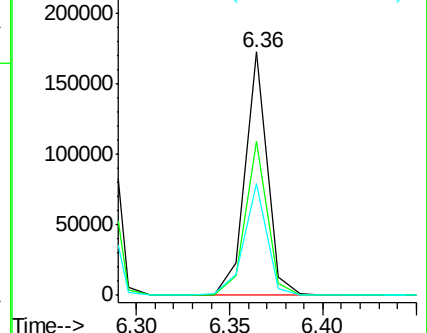
111 45.7 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.12 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

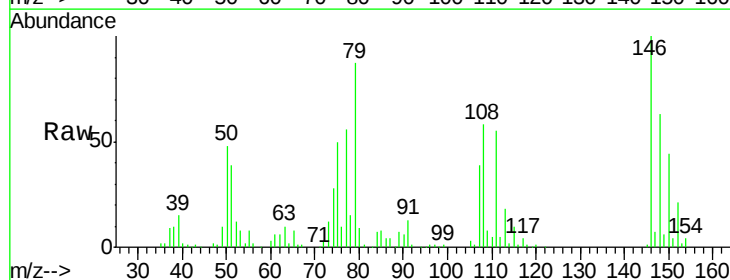
Tgt Ion:146 Resp: 121638

Ion Ratio Lower Upper

146 100

148 62.6 52.7 79.1

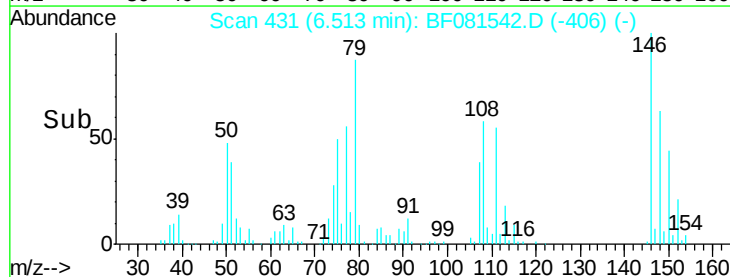
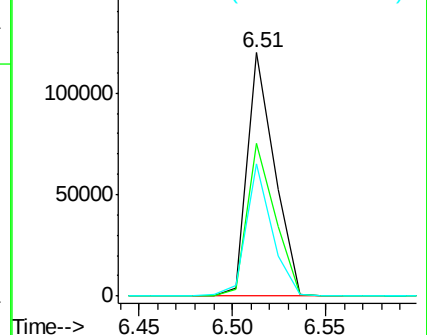
111 54.6 28.8 43.2#

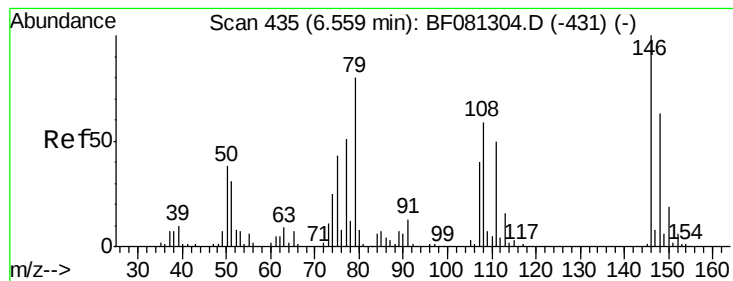


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampled :

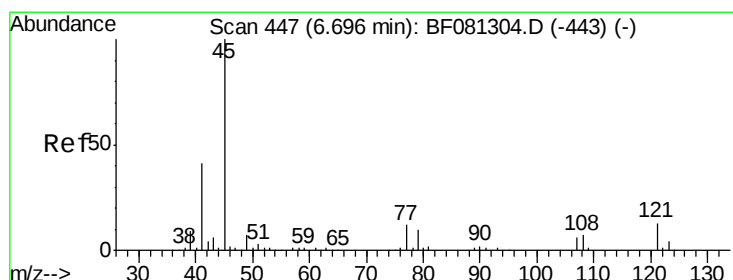
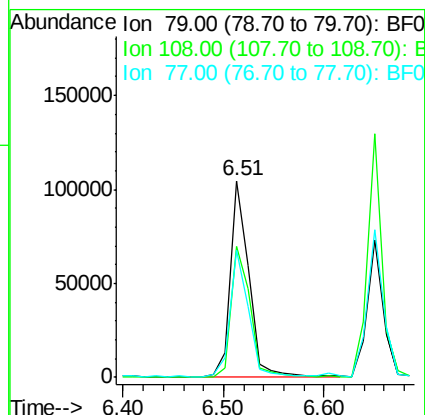
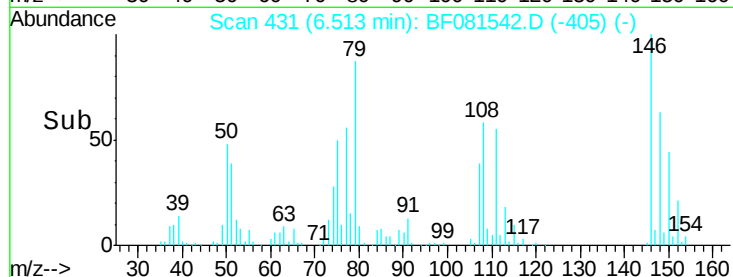
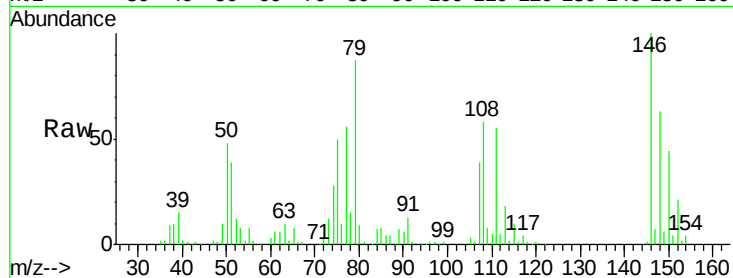
Tot Ion: 79 Resp: 134590

Ion Ratio Lower Upper

79 100

108 66.7 88.6 132.8#

77 64.8 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.91 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

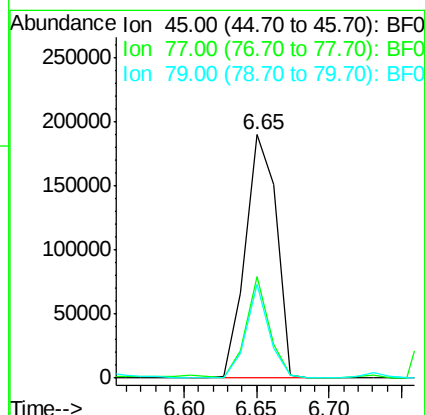
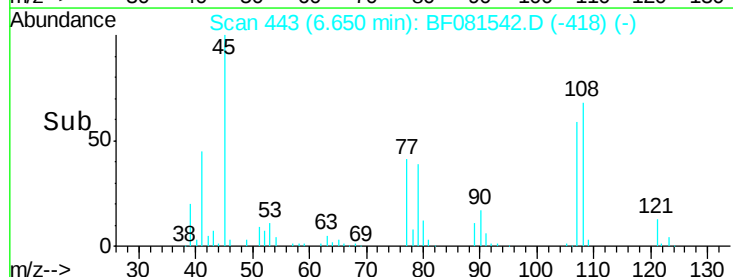
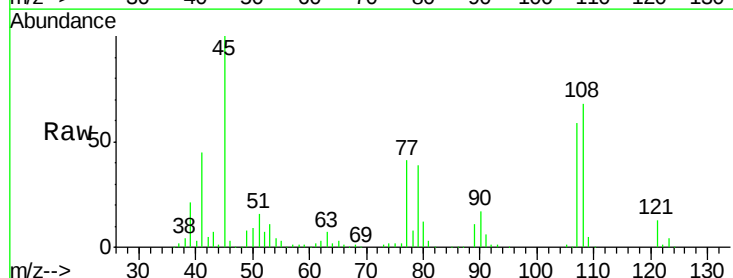
Tgt Ion: 45 Resp: 281847

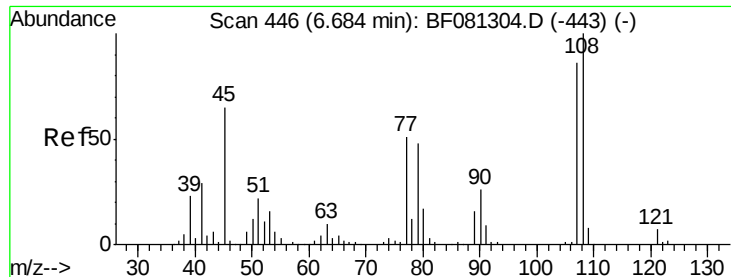
Ion Ratio Lower Upper

45 100

77 41.5 0.0 28.1#

79 38.6 0.0 26.0#

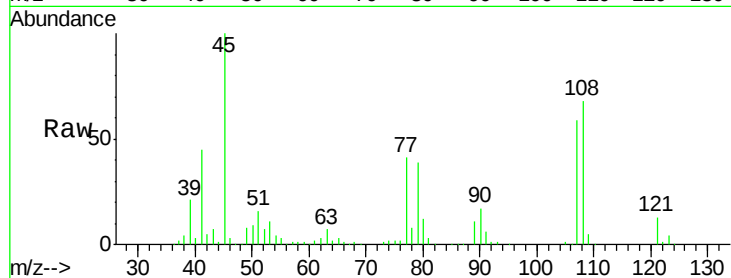




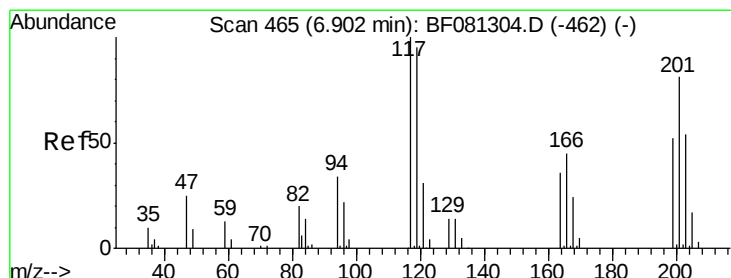
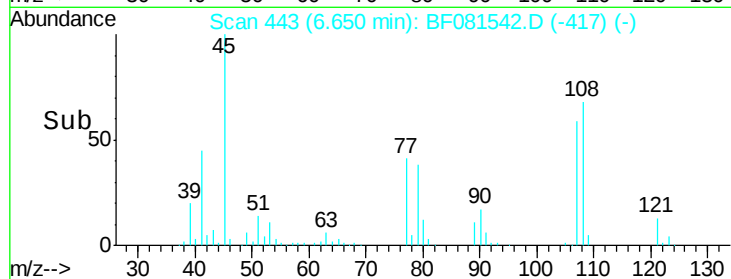
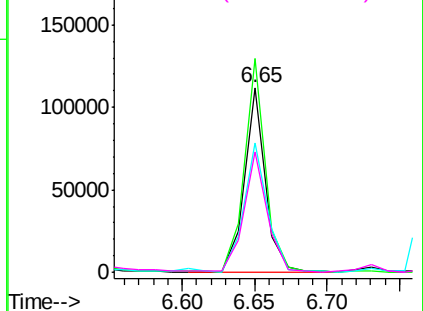
#17
2-Methylphenol
Concen: 43.34 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 112666
Ion Ratio Lower Upper
107 100
108 115.6 96.6 145.0
77 70.3 23.3 34.9#
79 65.3 22.0 33.0#

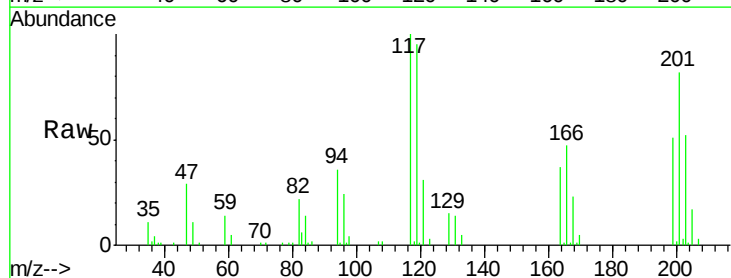


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

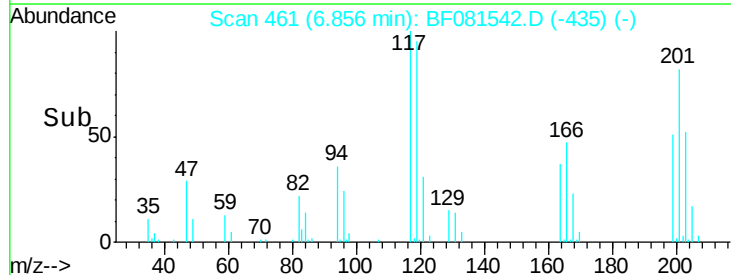
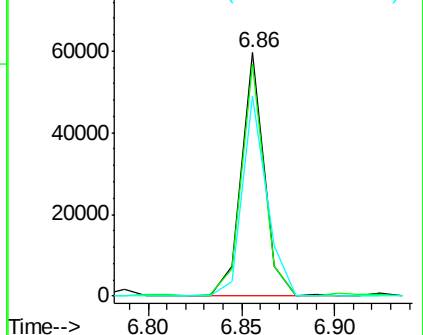


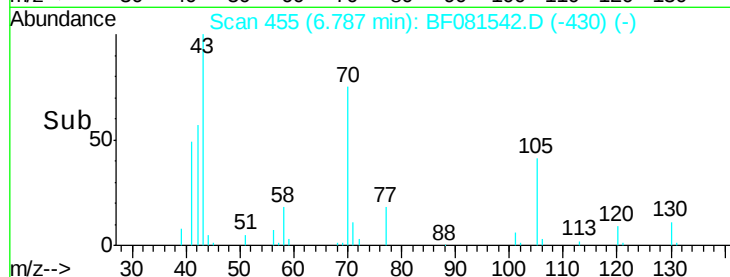
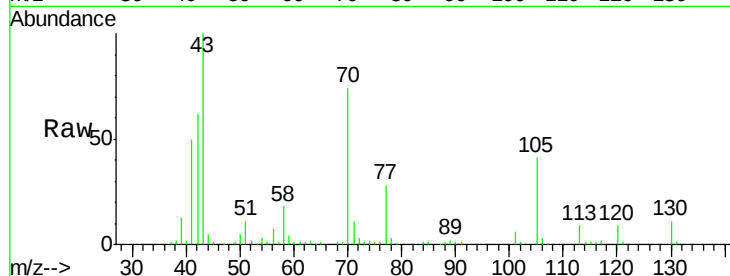
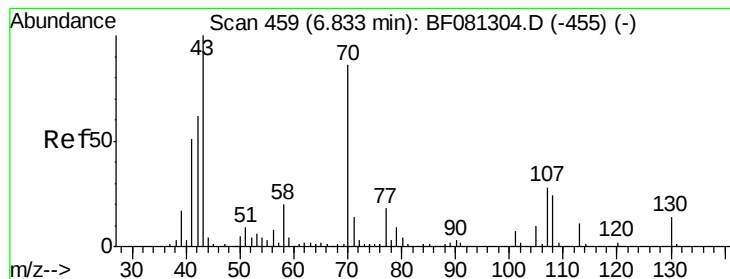
#18
Hexachloroethane
Concen: 36.98 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:117 Resp: 50991
Ion Ratio Lower Upper
117 100
119 95.3 83.8 125.6
201 82.2 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.84 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 111444

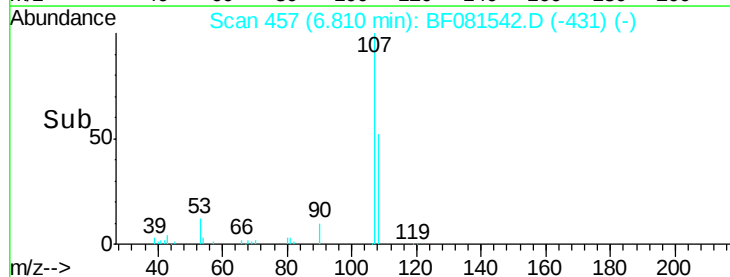
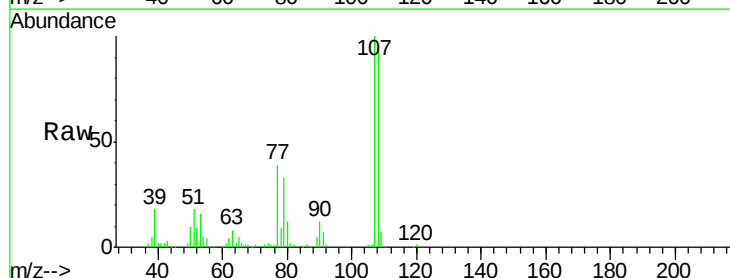
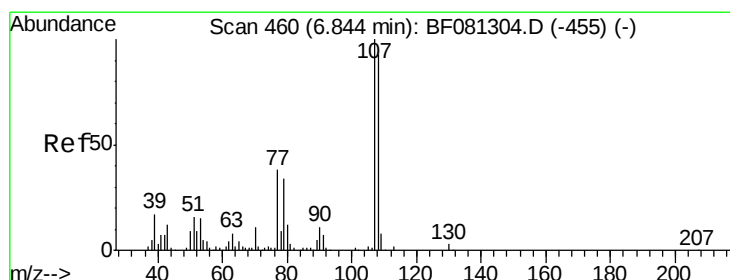
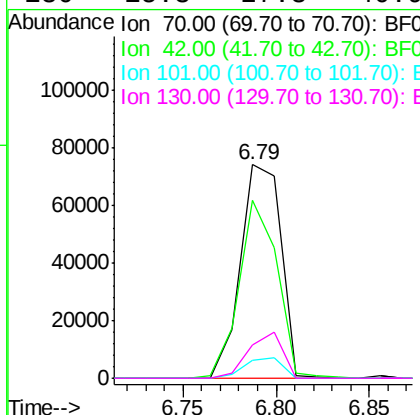
Ion Ratio Lower Upper

70 100

42 83.3 63.8 95.6

101 8.6 9.2 13.8#

130 15.3 27.3 40.9#



#20

3+4-Methylphenols

Concen: 41.29 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Tgt Ion:107 Resp: 144725

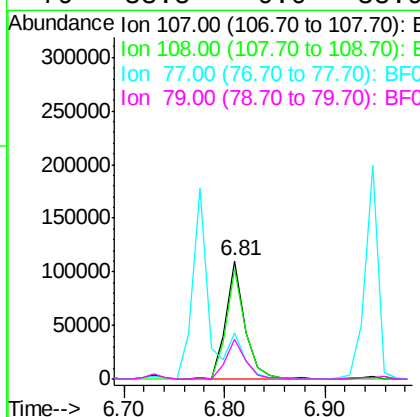
Ion Ratio Lower Upper

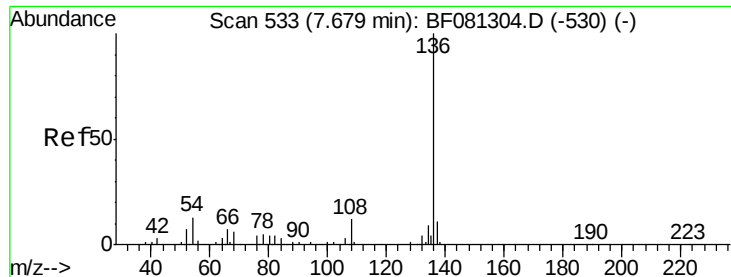
107 100

108 93.0 74.6 114.6

77 39.3 0.7 40.7

79 33.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 176422

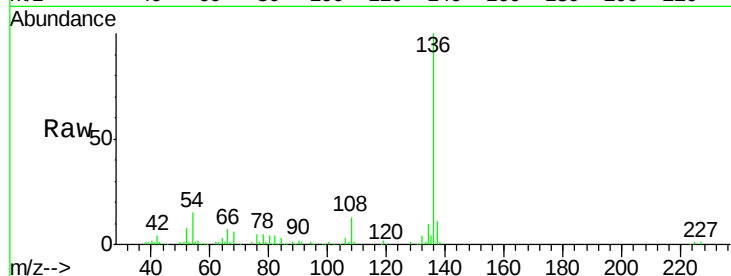
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 14.6 8.2 12.2#

68 6.1 5.8 8.6

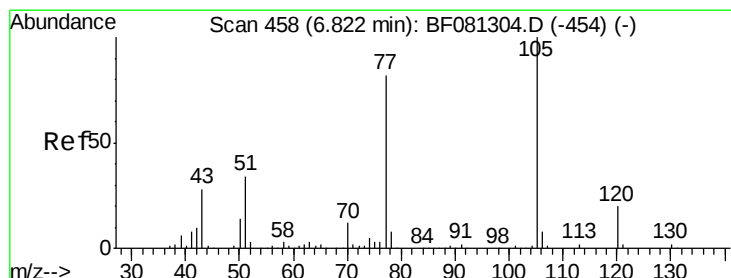
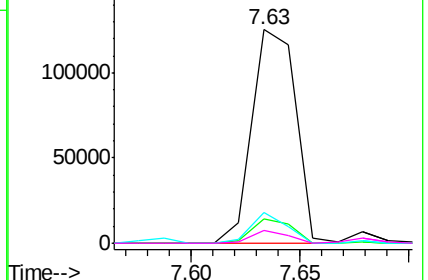
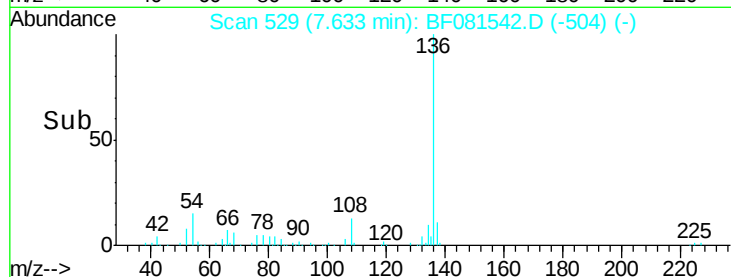


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.26 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Tgt Ion:105 Resp: 208459

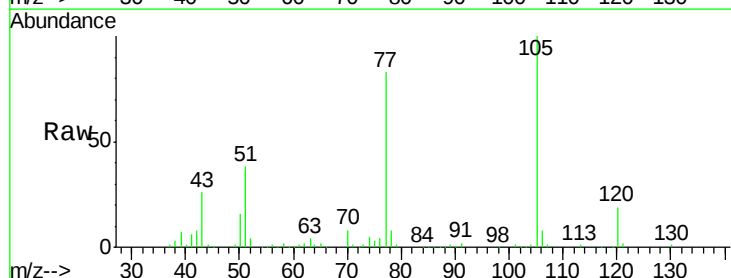
Ion Ratio Lower Upper

105 100

71 1.4 4.7 7.1#

51 37.6 22.0 33.0#

120 19.1 30.1 45.1#

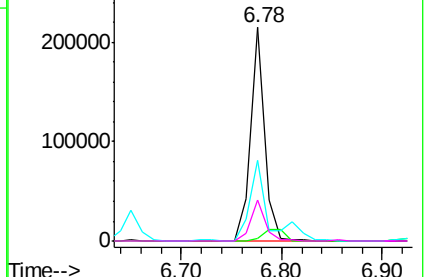
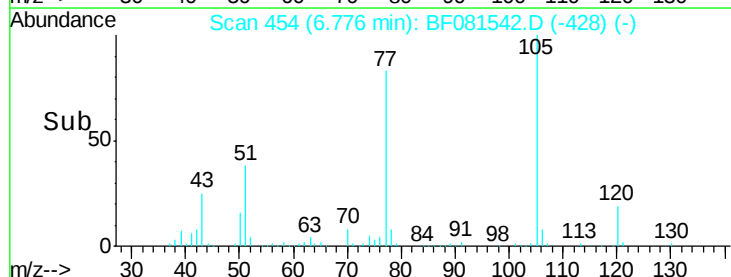


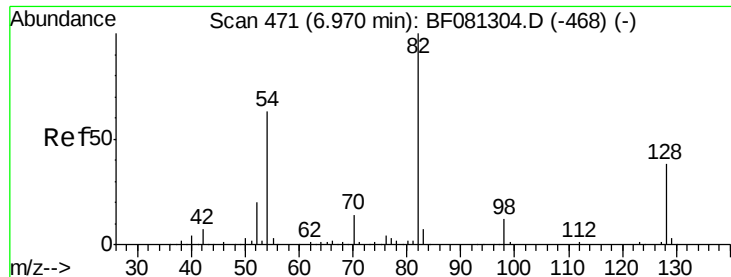
Abundance Ion 105.00 (104.70 to 105.70): E

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

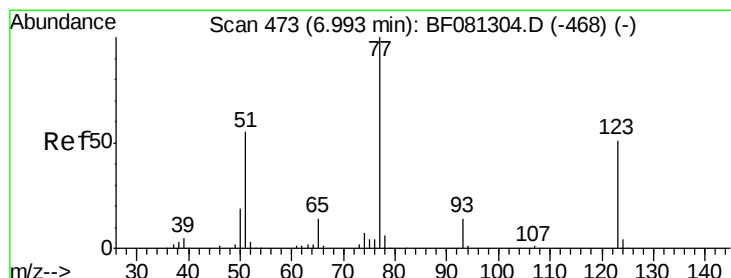
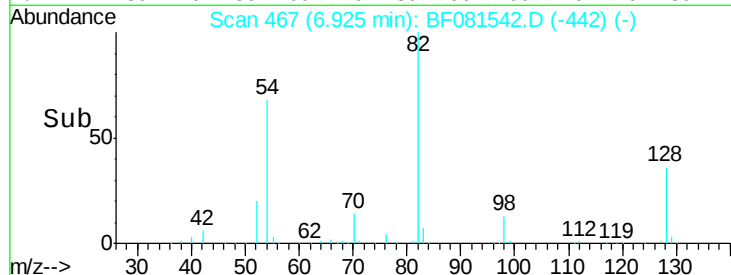
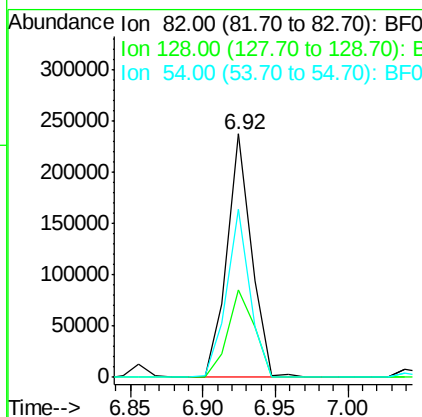
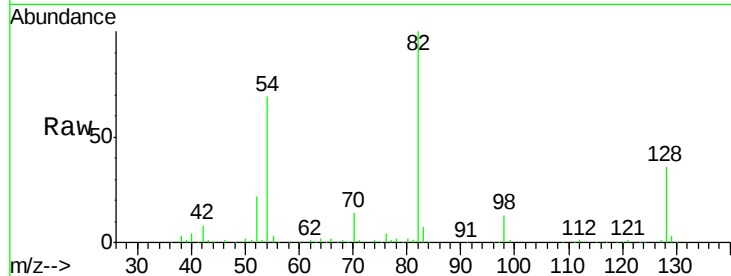




#23
 Nitrobenzene-d5
 Concen: 76.85 ng
 RT: 6.92 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

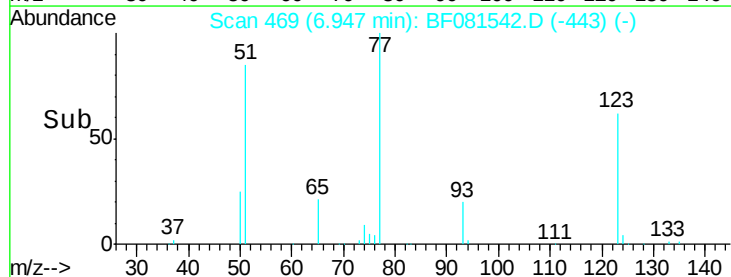
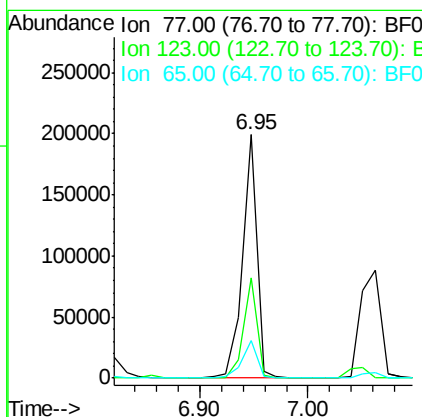
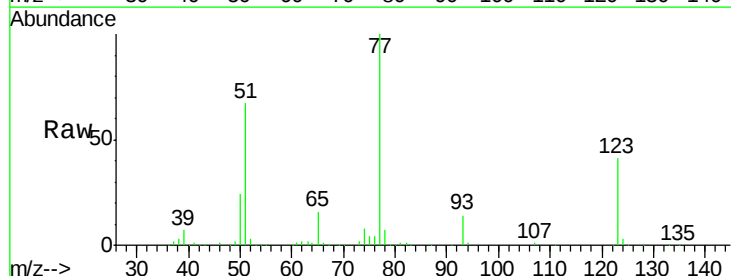
Instrument :
 BNA_F
 ClientSampleId :

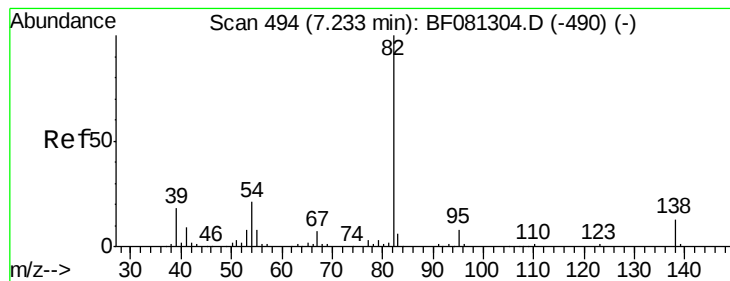
Tot Ion: 82 Resp: 281018
 Ion Ratio Lower Upper
 82 100
 128 35.8 51.0 76.6#
 54 69.2 47.5 71.3



#24
 Nitrobenzene
 Concen: 47.52 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion: 77 Resp: 180452
 Ion Ratio Lower Upper
 77 100
 123 41.0 59.8 89.8#
 65 15.6 10.2 15.4#





#25

Isophorone

Concen: 41.04 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampled :

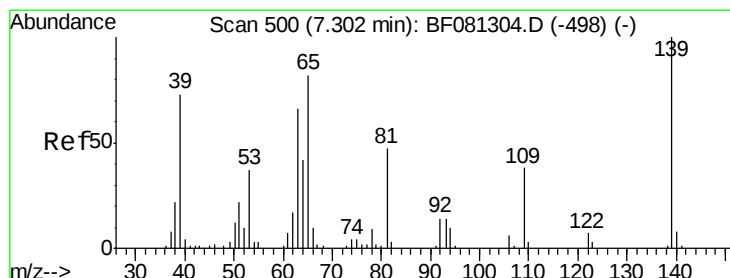
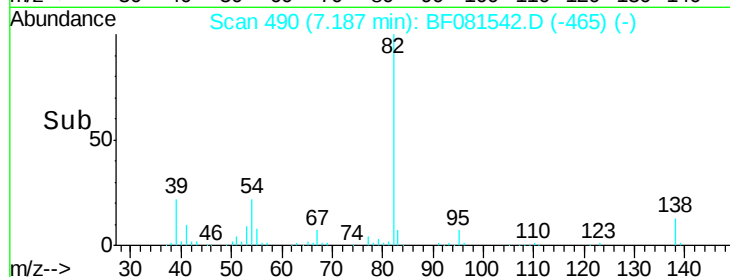
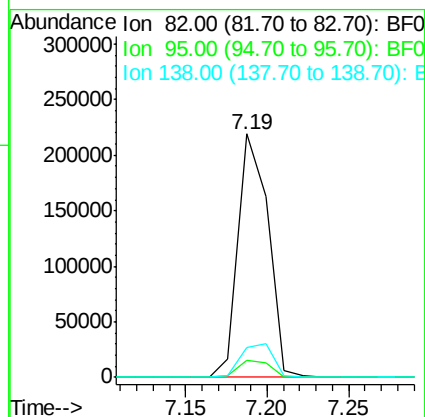
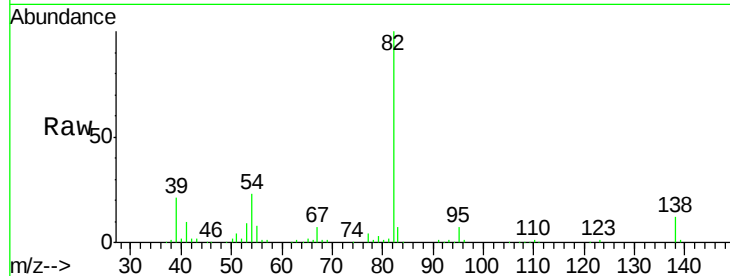
Tot Ion: 82 Resp: 279115

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

138 12.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 11.14 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

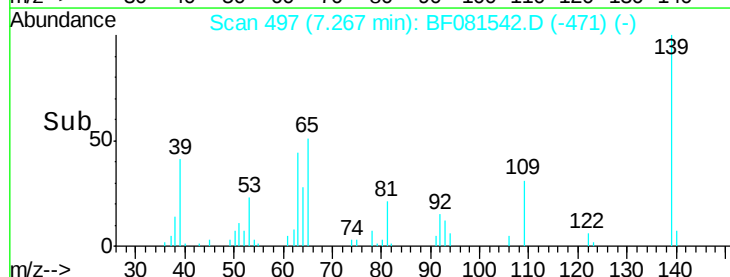
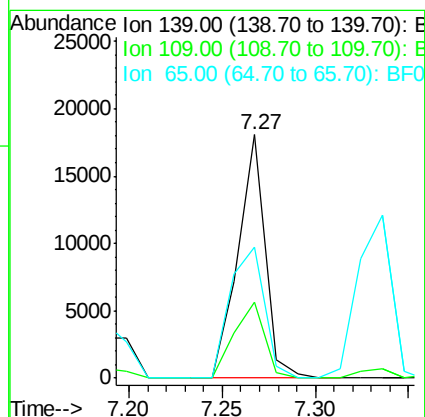
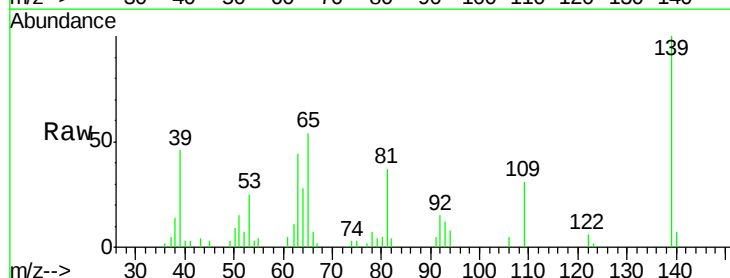
Tgt Ion: 139 Resp: 18437

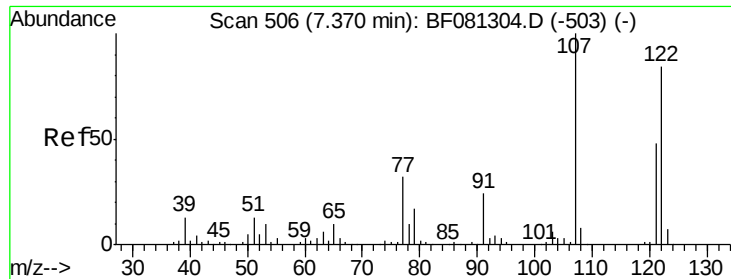
Ion Ratio Lower Upper

139 100

109 31.2 11.0 16.4#

65 53.6 24.7 37.1#

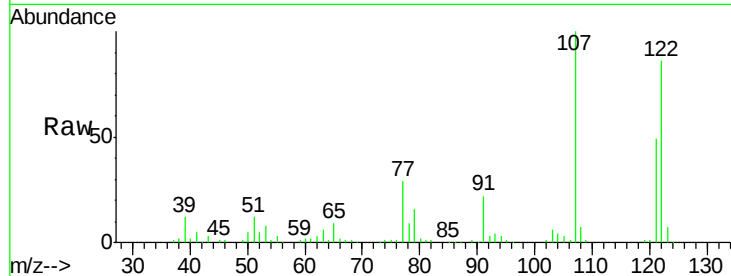




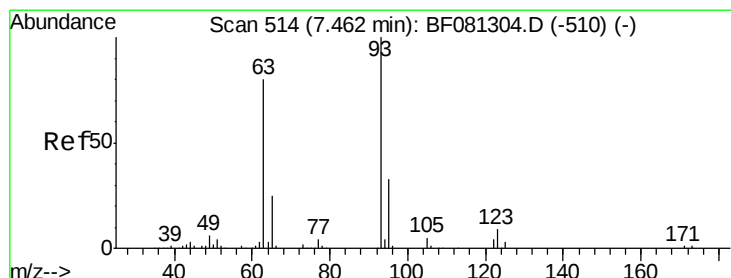
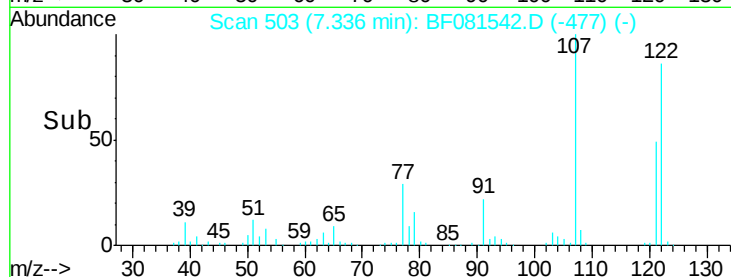
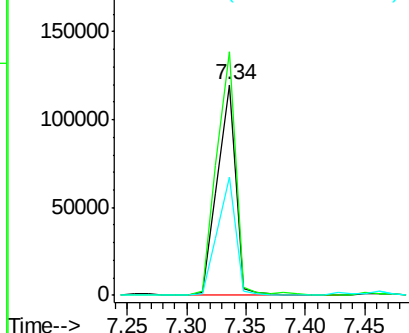
#27
 2,4-Dimethylphenol
 Concen: 44.84 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 128194
 Ion Ratio Lower Upper
 122 100
 107 115.7 71.8 107.6#
 121 56.2 42.3 63.5

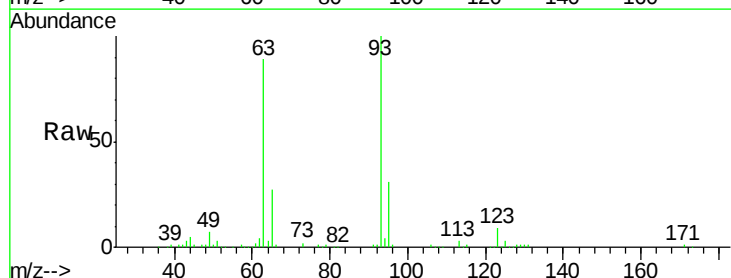


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

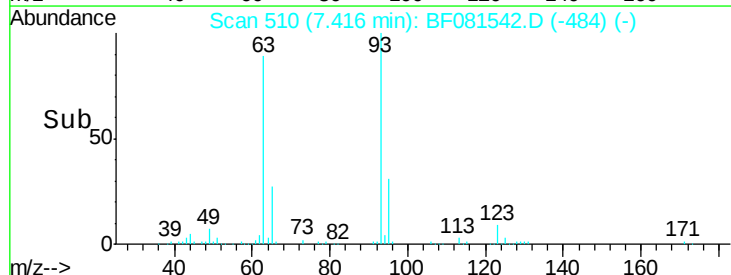
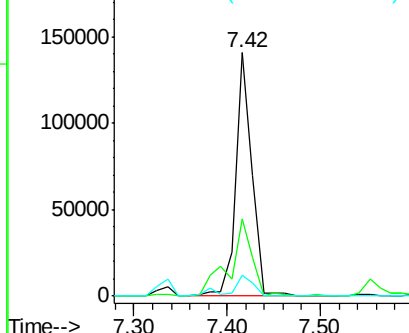


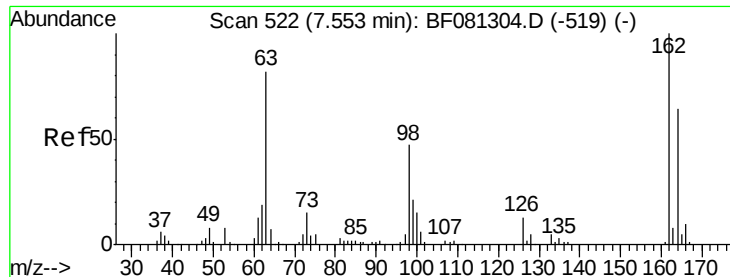
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.63 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion: 93 Resp: 171407
 Ion Ratio Lower Upper
 93 100
 95 31.5 27.5 41.3
 123 8.7 13.7 20.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

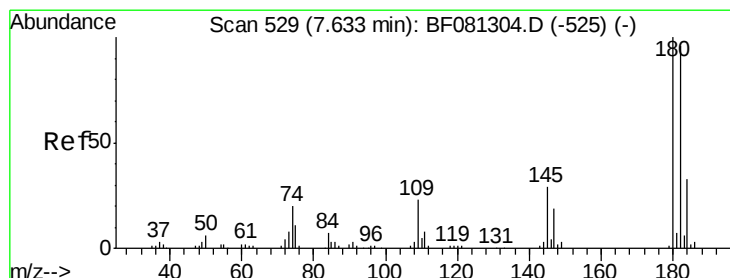
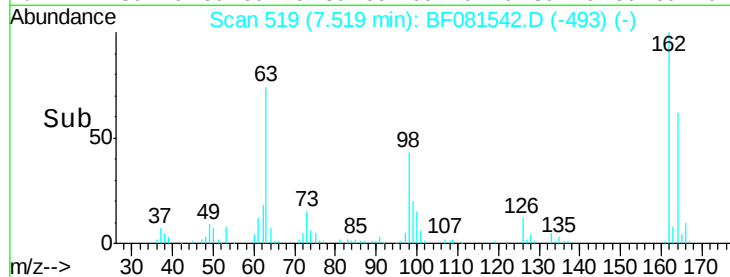
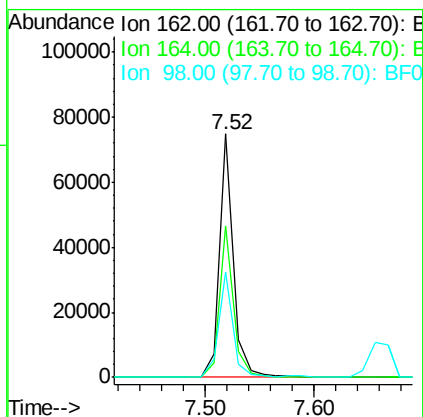
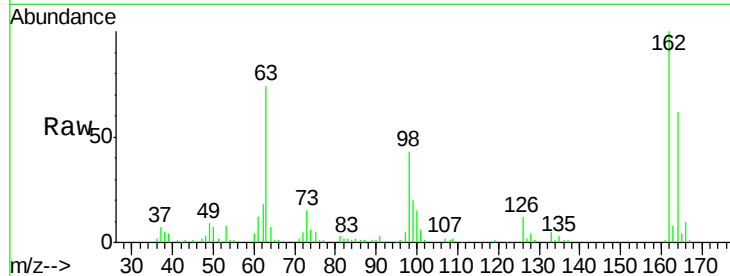




#29
 2,4-Dichlorophenol
 Concen: 27.12 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

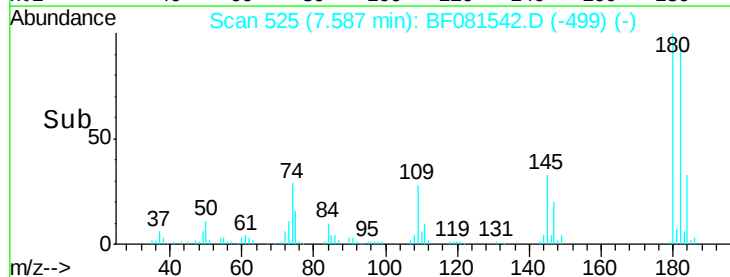
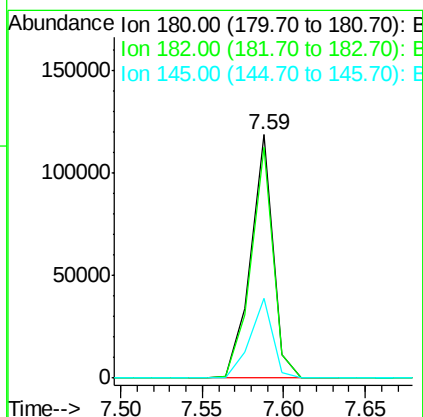
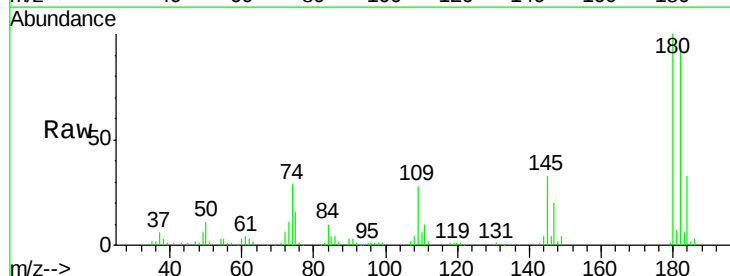
Instrument :
 BNA_F
 ClientSampleId :

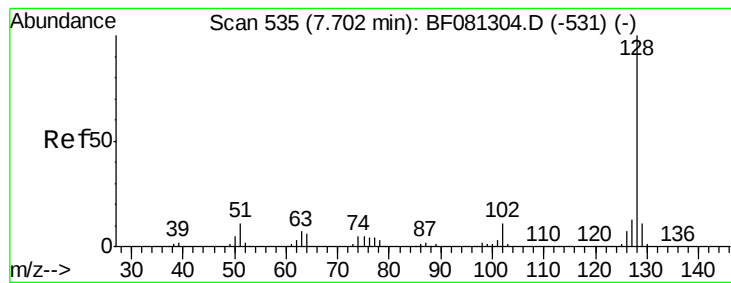
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.9	84.9
98	43.1	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.06 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	32.9	23.3	34.9





#31

Naphthalene

Concen: 101.77 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

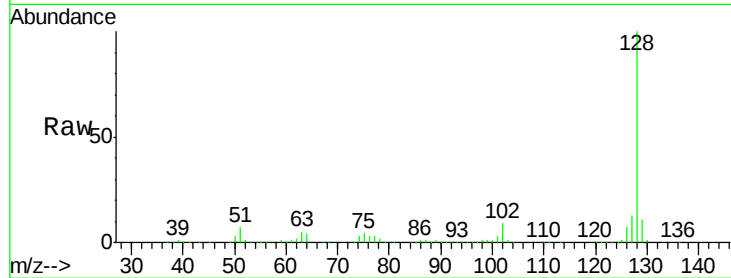
Tot Ion:128 Resp: 957572

Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

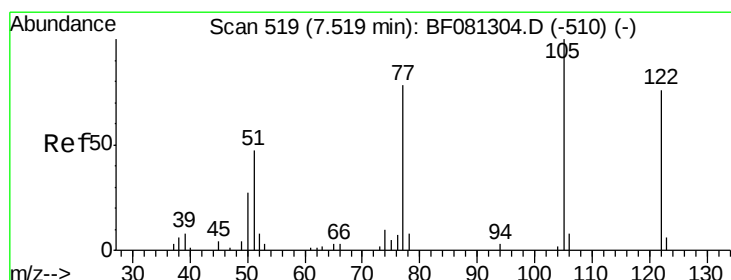
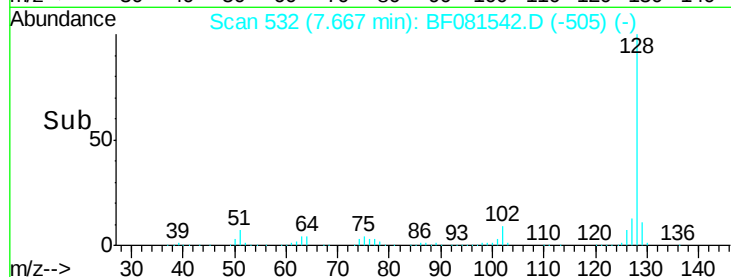
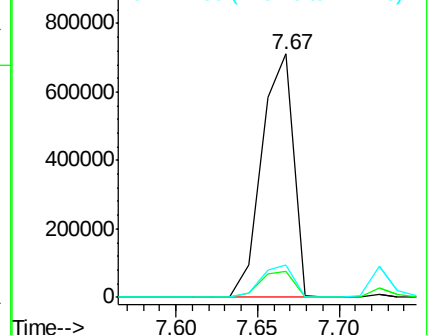
127 13.1 9.9 14.9



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: 62.03 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.14 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

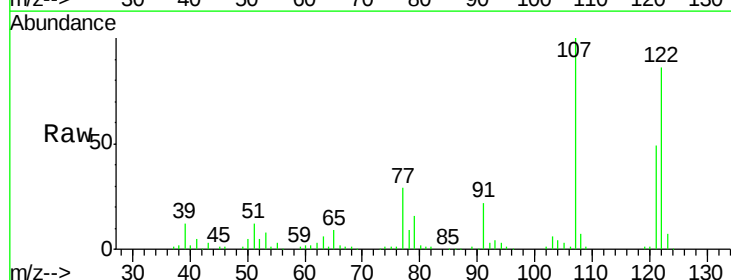
Tgt Ion:122 Resp: 128194

Ion Ratio Lower Upper

122 100

105 3.9 76.1 116.1#

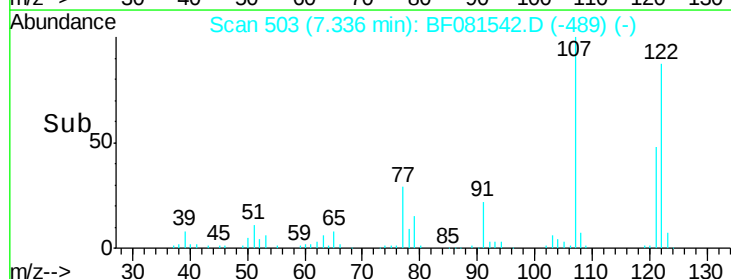
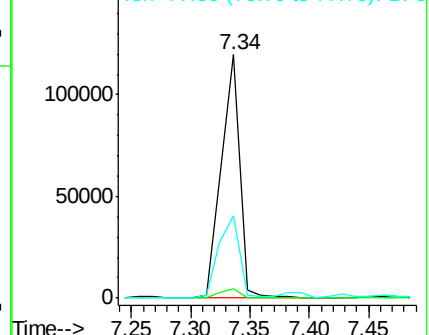
77 34.0 40.5 80.5#

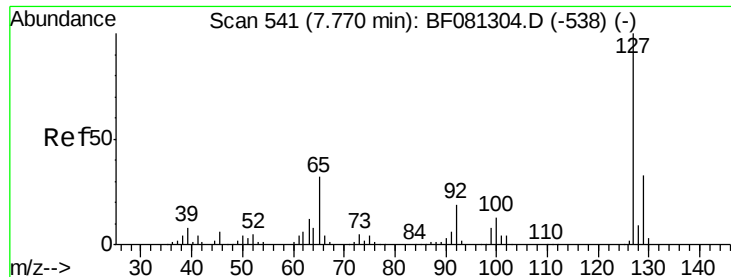


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

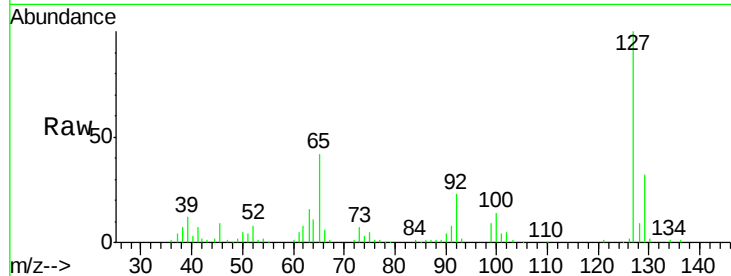




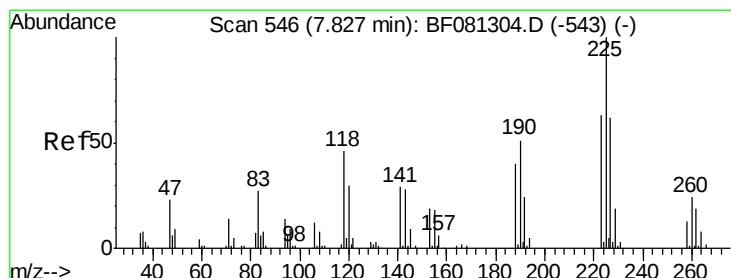
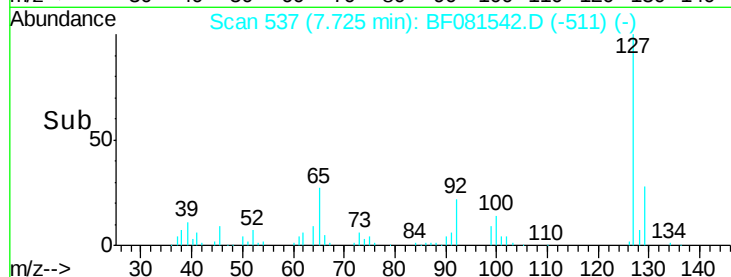
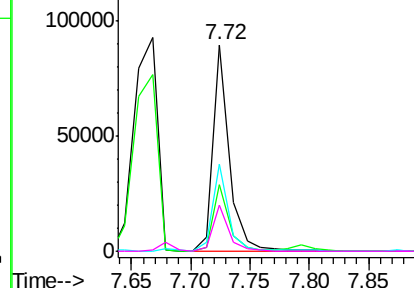
#33
4-Chloroaniline
Concen: 22.53 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	86452
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	42.1	17.9	26.9#
92	22.6	10.5	15.7#

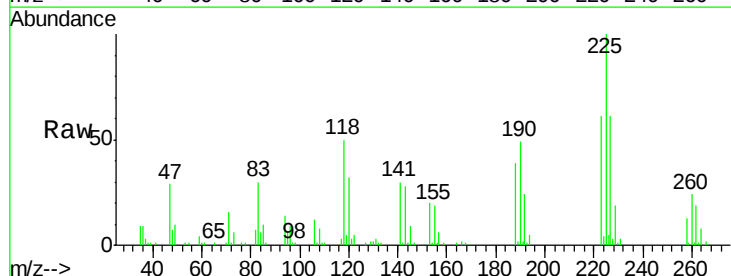


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

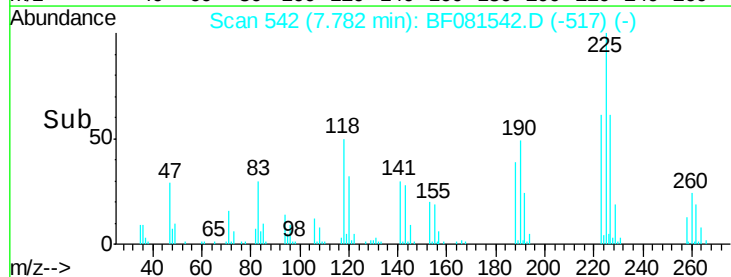
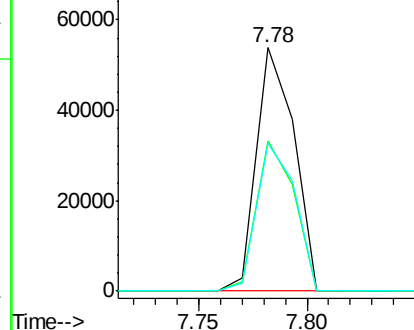


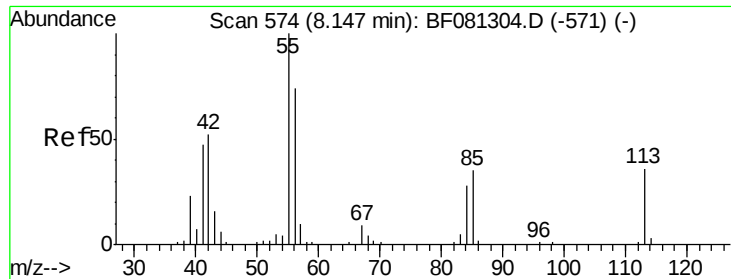
#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:	225	Resp:	65079
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	60.7	52.2	78.2



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

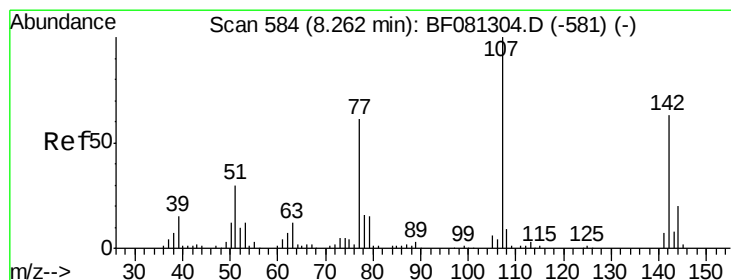
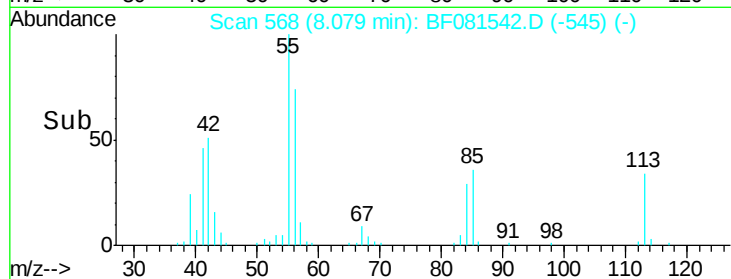
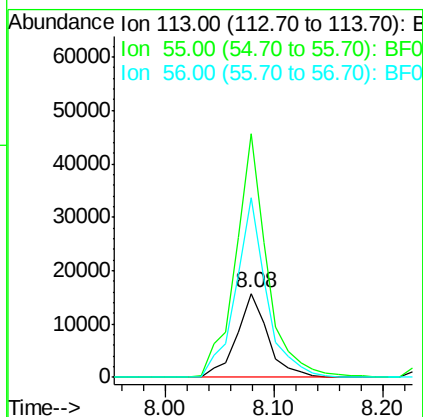
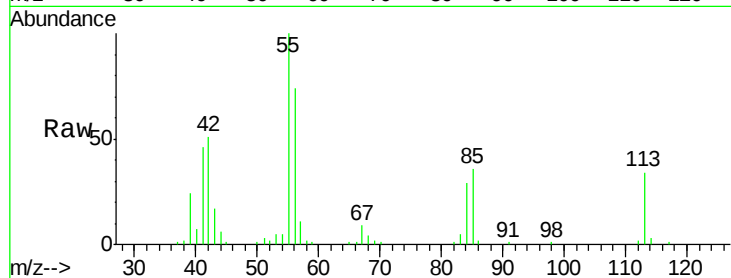




#35
 Caprolactam
 Concen: 40.93 ng
 RT: 8.08 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

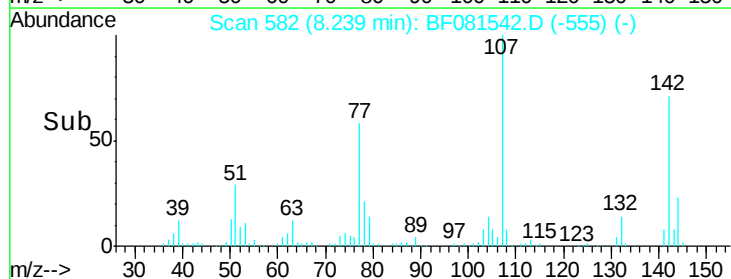
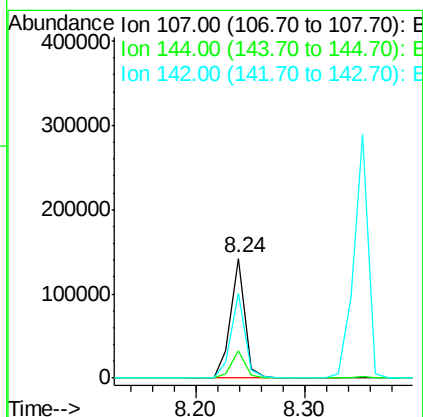
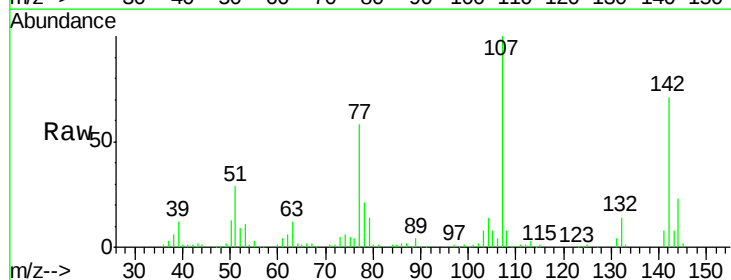
Instrument :
 BNA_F
 ClientSampleId :

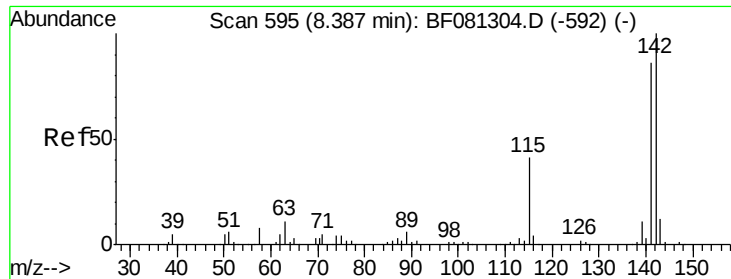
Tot Ion:113 Resp: 31119
 Ion Ratio Lower Upper
 113 100
 55 290.4 152.4 192.4#
 56 214.2 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 47.03 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:107 Resp: 130493
 Ion Ratio Lower Upper
 107 100
 144 22.9 25.4 38.0#
 142 71.0 77.3 115.9#

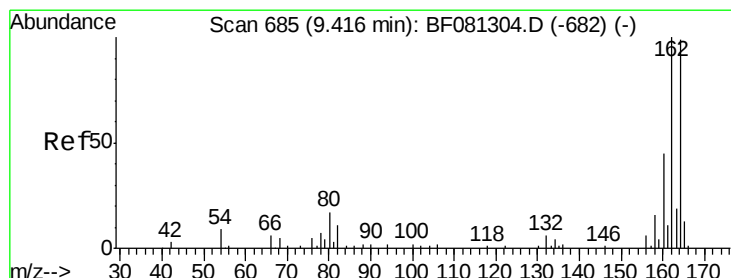
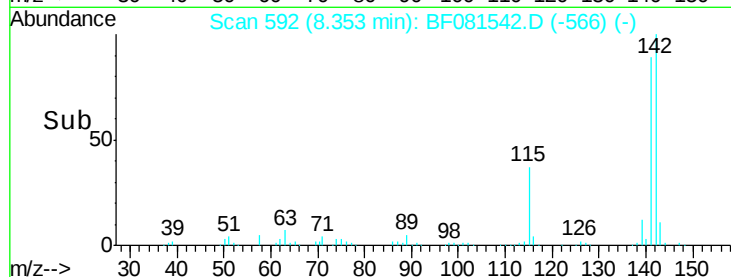
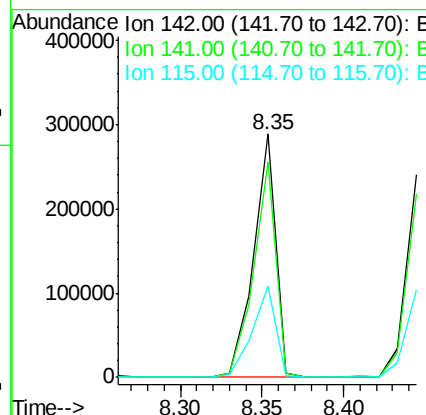
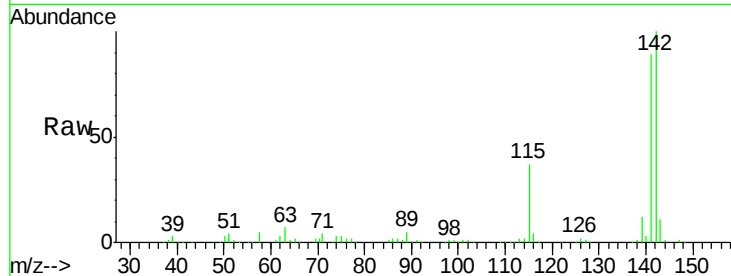




#37
 2-Methylnaphthalene
 Concen: 44.49 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

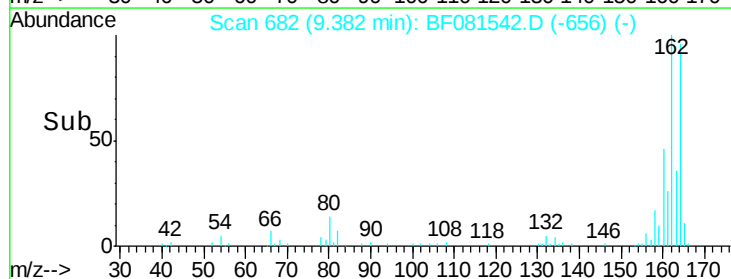
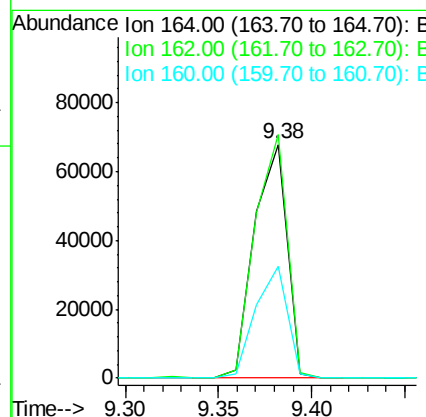
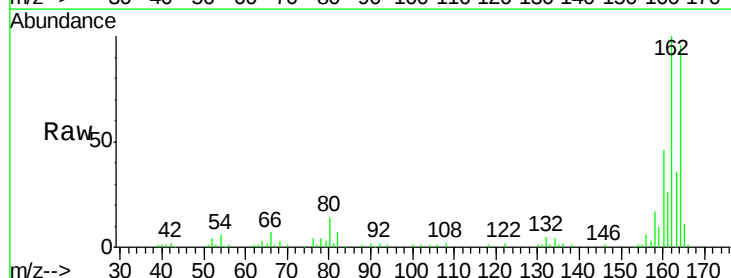
Instrument :
 BNA_F
 ClientSampleId :

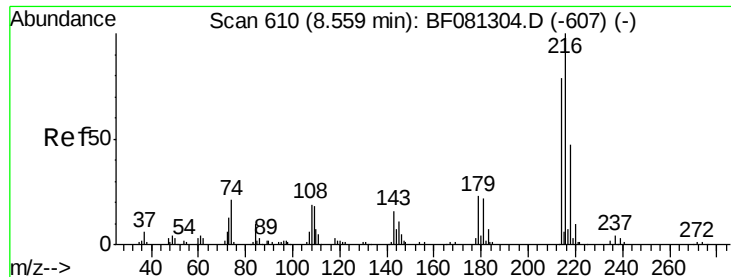
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	37.3	18.2	27.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	47.6	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.57 ng

RT: 8.51 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 97758

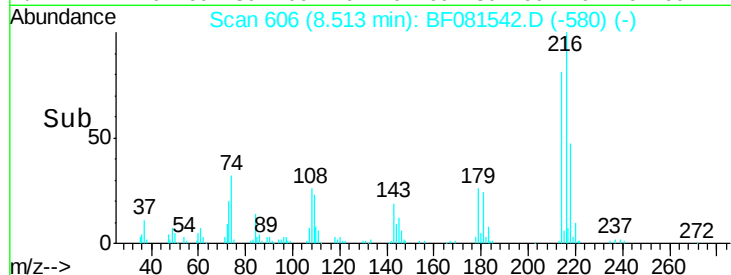
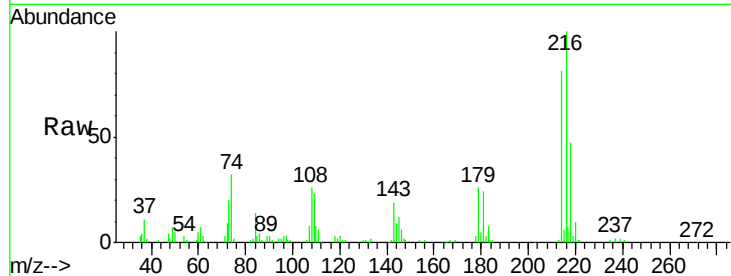
Ion Ratio Lower Upper

216 100

214 80.7 63.5 95.3

179 23.4 16.6 24.8

108 21.3 16.3 24.5

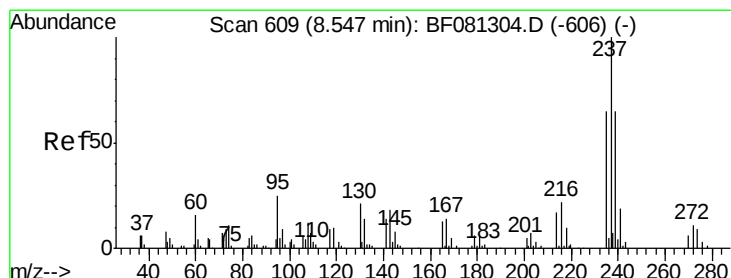
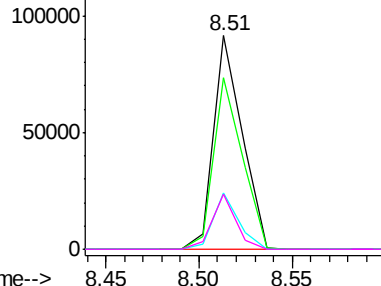


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.07 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

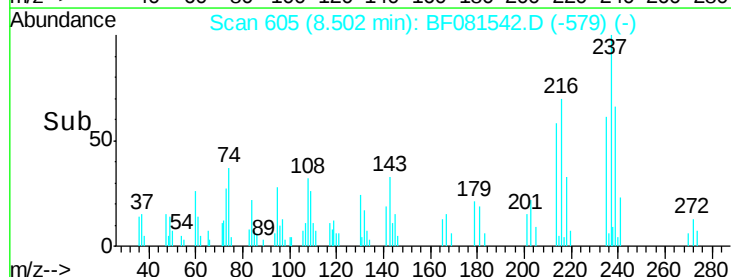
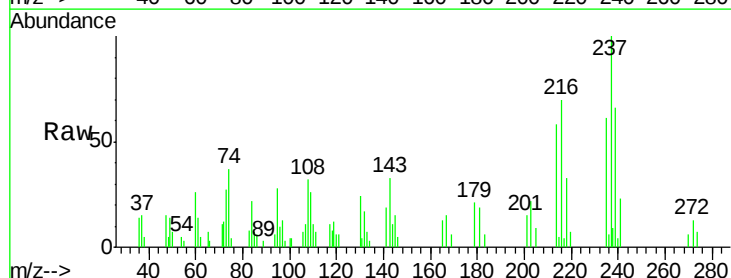
Tgt Ion:237 Resp: 9026

Ion Ratio Lower Upper

237 100

235 60.9 42.0 82.0

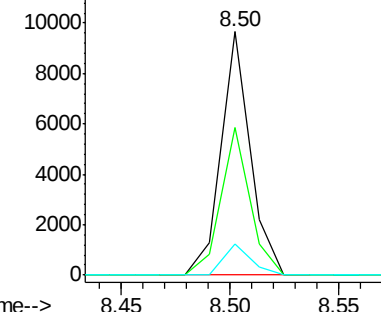
272 12.6 0.0 36.1

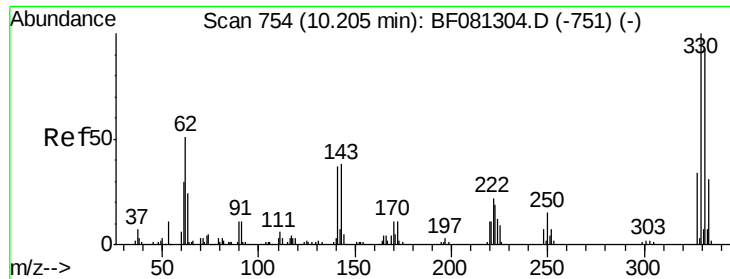


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

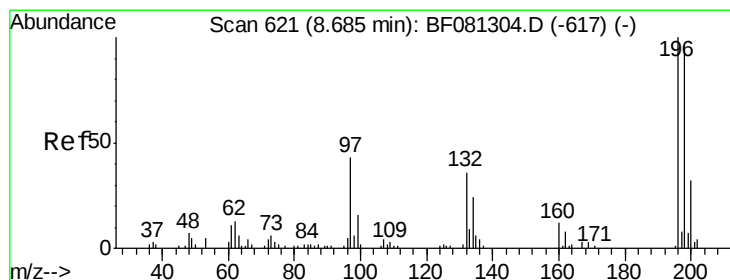
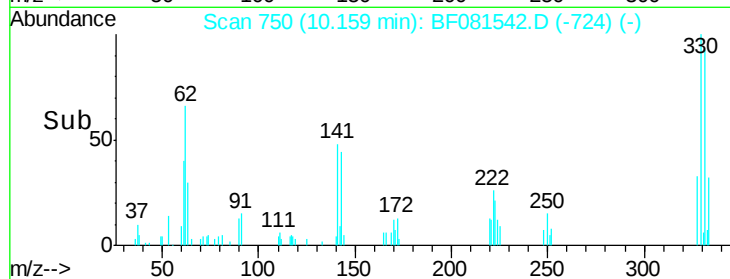
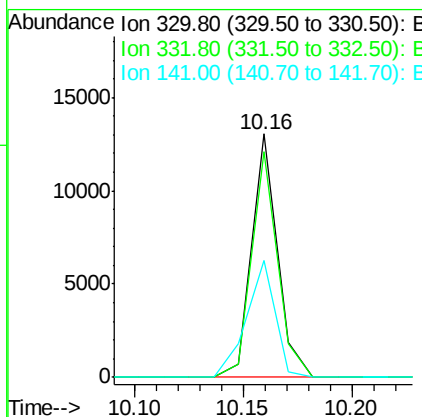
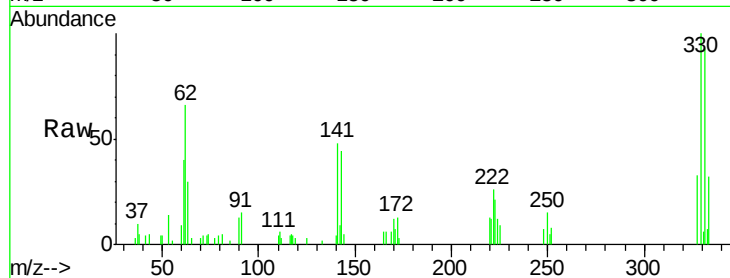




#41
 2,4,6-Tribromophenol
 Concen: 14.60 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

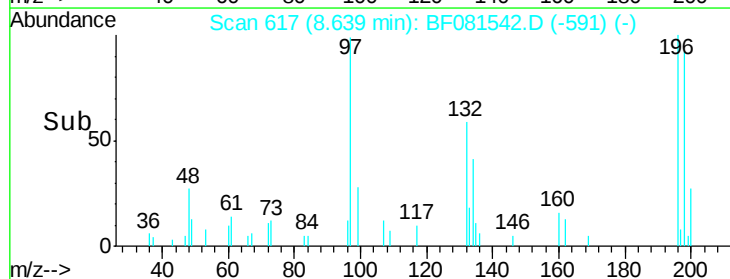
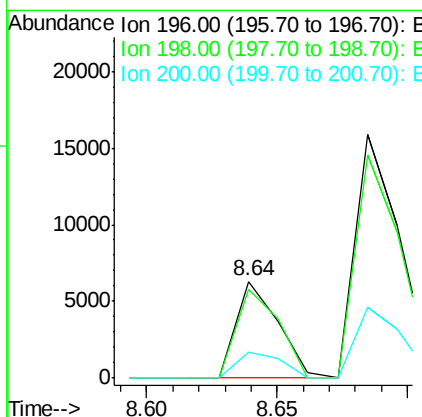
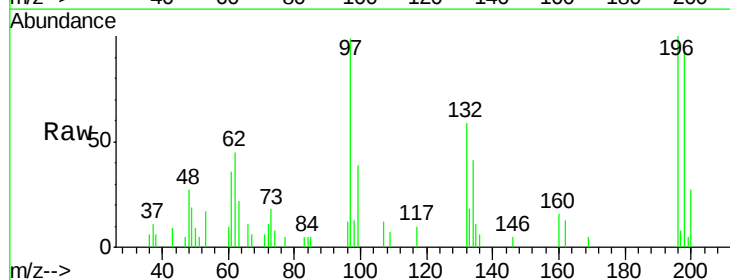
Instrument :
 BNA_F
 ClientSampleId :

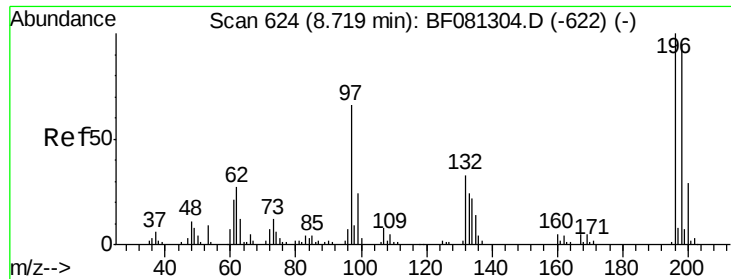
Tot Ion:330 Resp: 10696
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 114.8
 141 54.1 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 3.95 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:196 Resp: 7090
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.7 113.5
 200 27.1 23.9 35.9

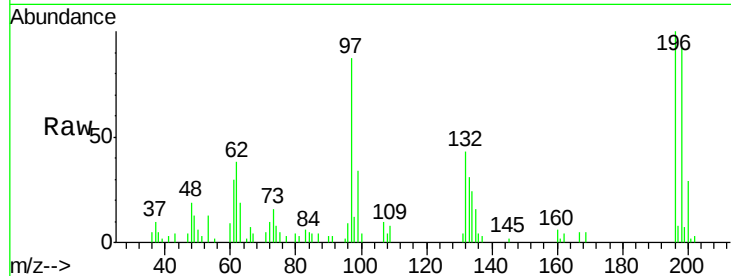




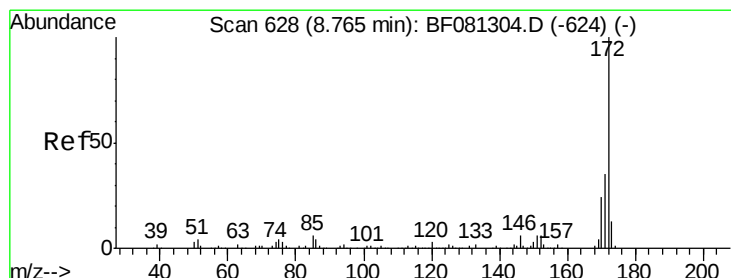
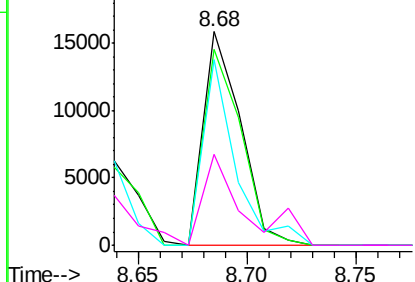
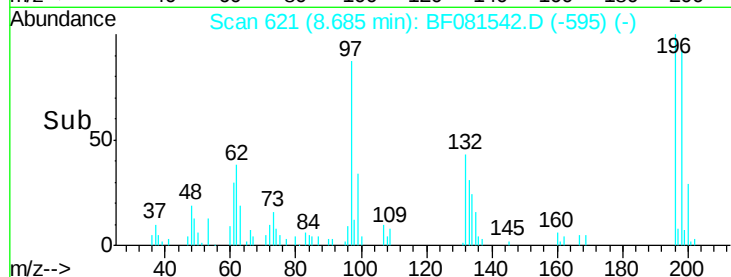
#43
2,4,5-Trichlorophenol
Concen: 10.29 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 18848
Ion Ratio Lower Upper
196 100
198 91.8 75.4 113.0
97 87.0 33.3 49.9#
132 42.5 24.6 37.0#

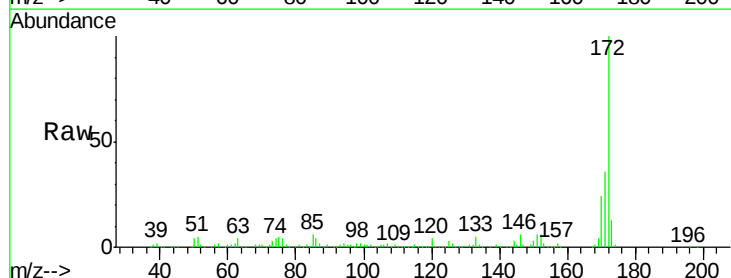


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

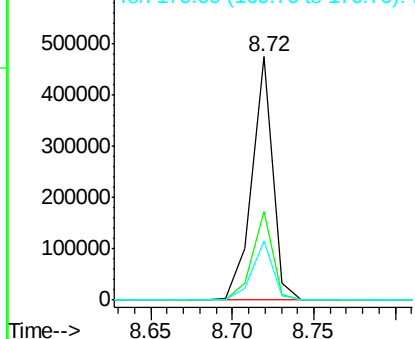
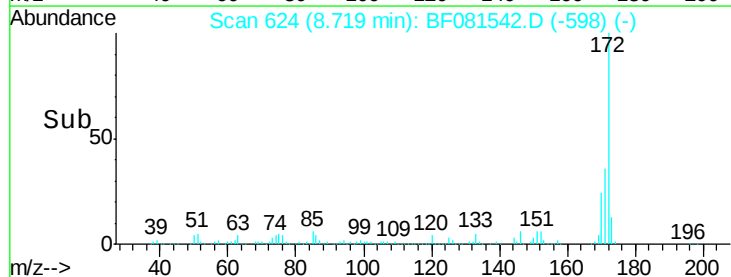


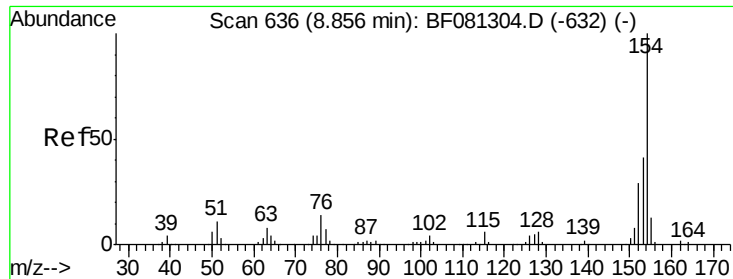
#44
2-Fluorobiphenyl
Concen: 65.47 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:172 Resp: 420333
Ion Ratio Lower Upper
172 100
171 36.3 26.1 39.1
170 24.5 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

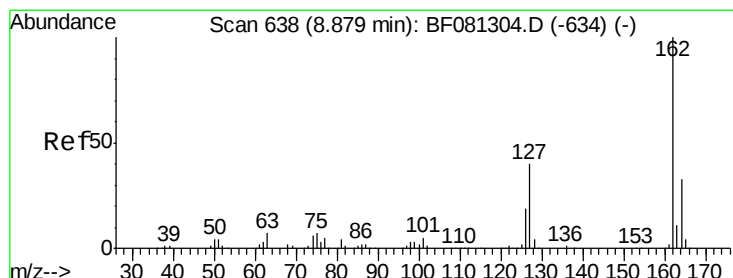
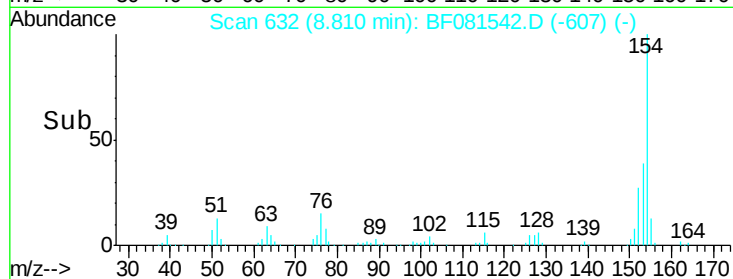
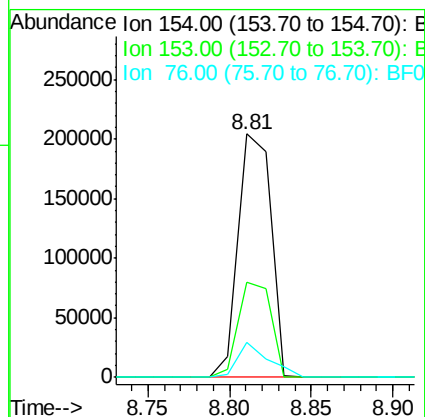
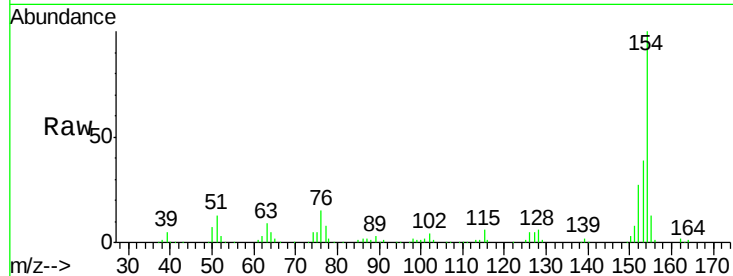




#45
 1,1'-Biphenyl
 Concen: 37.41 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

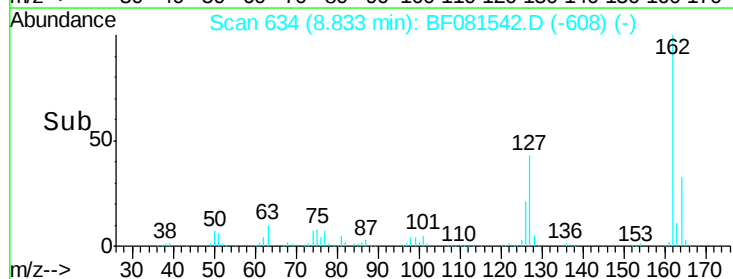
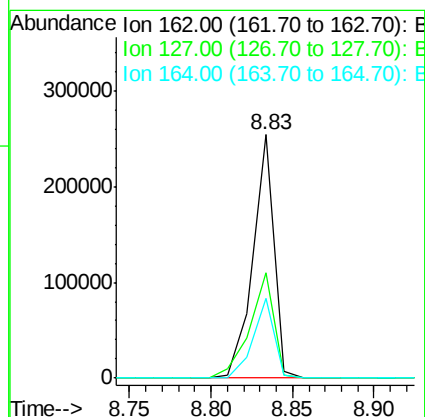
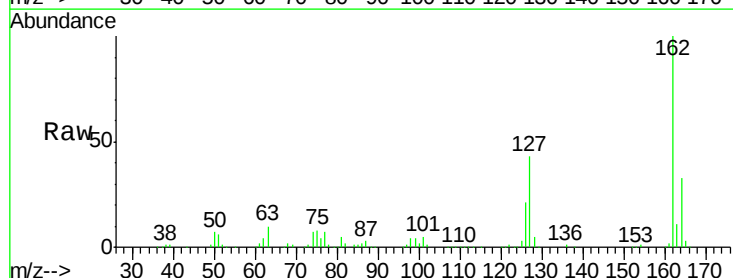
Instrument :
 BNA_F
 ClientSampleId :

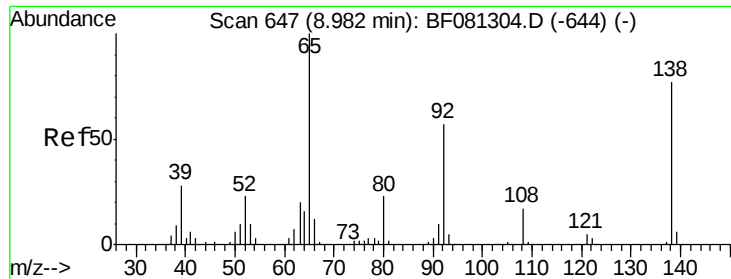
Tot Ion:154 Resp: 283174
 Ion Ratio Lower Upper
 154 100
 153 39.0 17.1 57.1
 76 14.6 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 41.87 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:162 Resp: 228872
 Ion Ratio Lower Upper
 162 100
 127 43.4 27.6 41.4#
 164 32.7 25.4 38.2

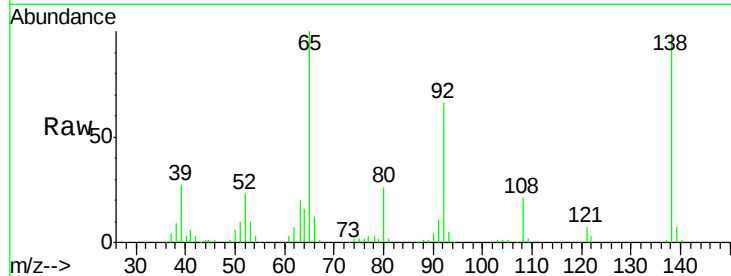




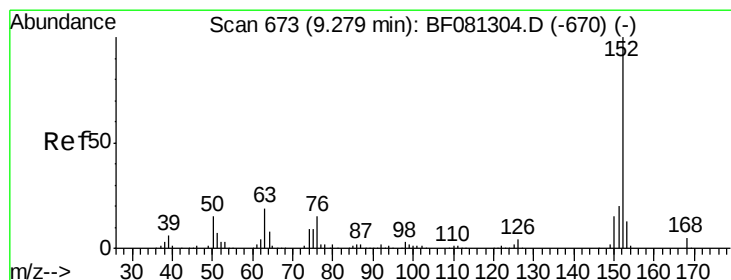
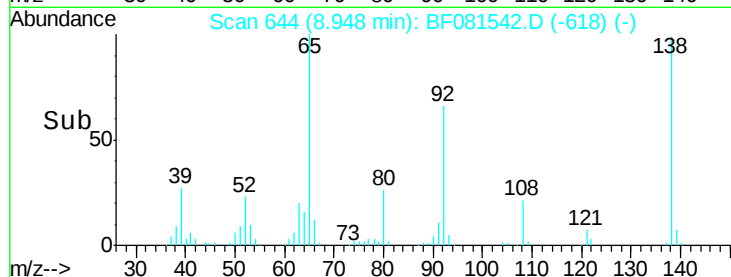
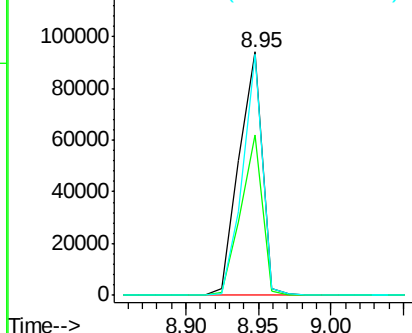
#47
2-Nitroaniline
Concen: 46.90 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 104485
Ion Ratio Lower Upper
65 100
92 65.9 55.4 83.0
138 98.8 115.5 173.3#

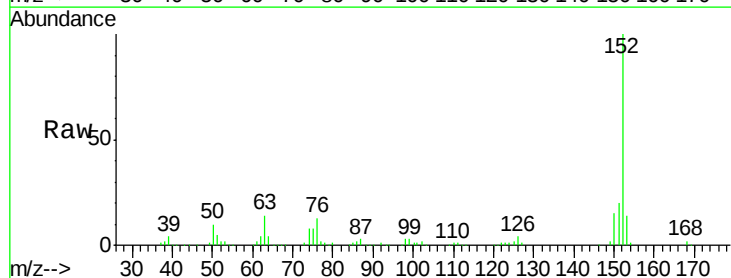


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

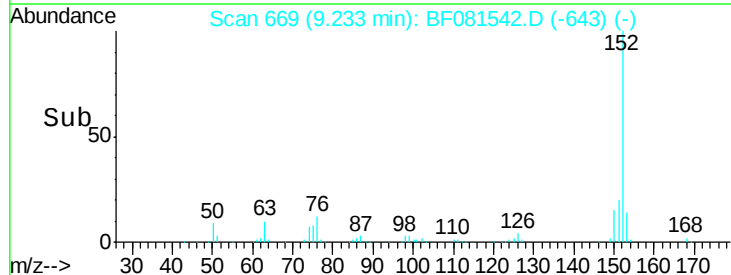
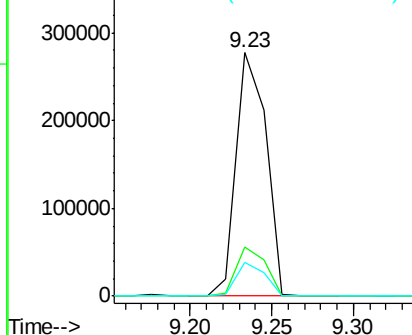


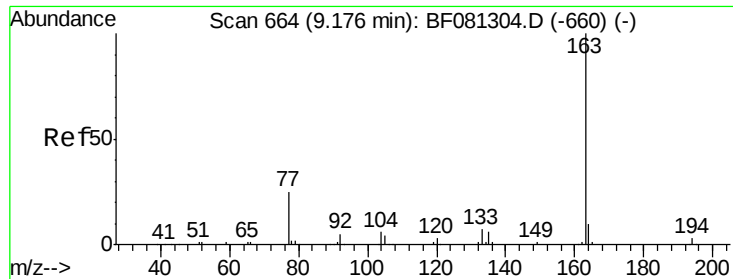
#48
Acenaphthylene
Concen: 36.20 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 152 Resp: 351047
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 13.7 10.3 15.5



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

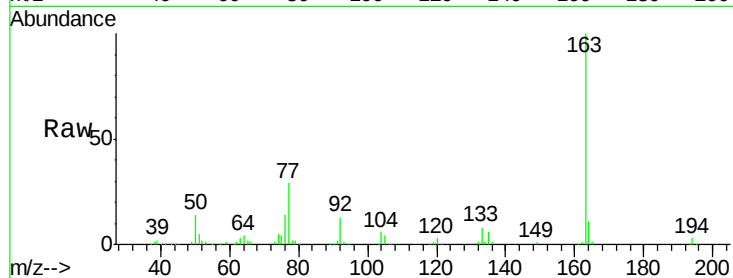




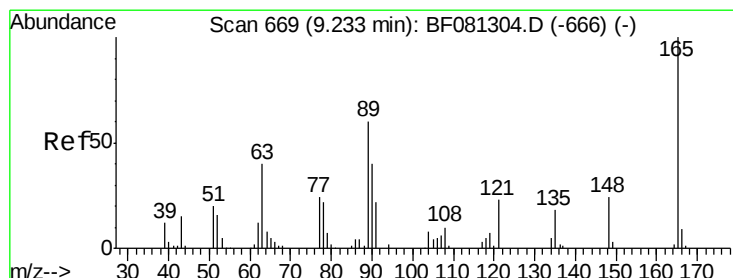
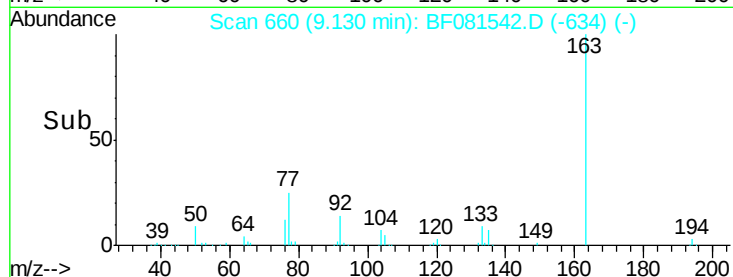
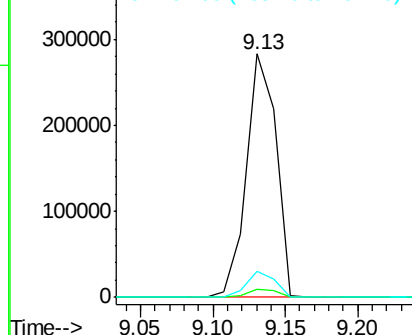
#49
Dimethylphthalate
Concen: 62.71 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 400876
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.5 8.3 12.5

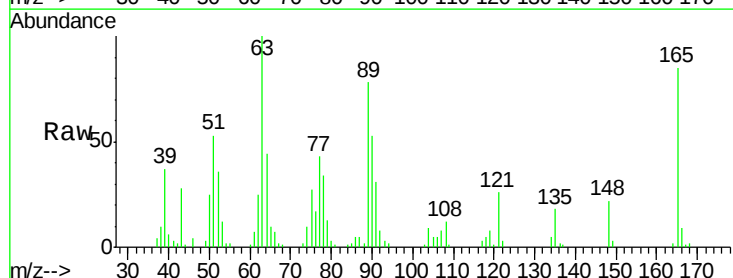


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

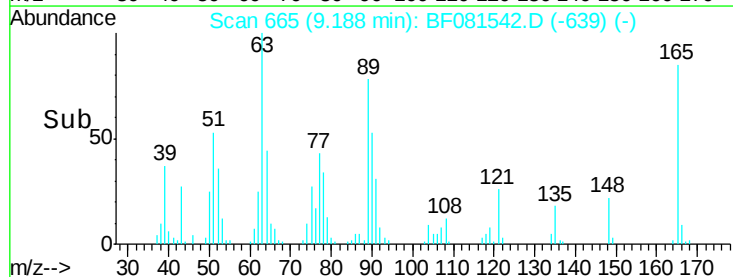
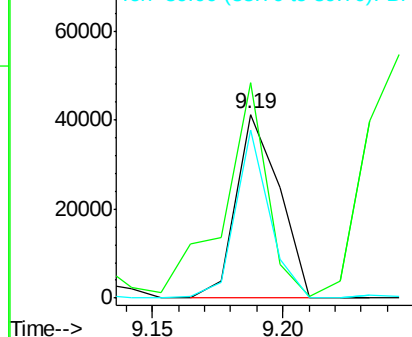


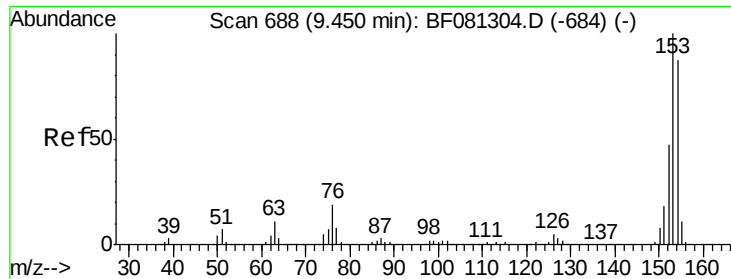
#50
2,6-Dinitrotoluene
Concen: 33.21 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:165 Resp: 48184
Ion Ratio Lower Upper
165 100
63 117.4 32.3 48.5#
89 91.2 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

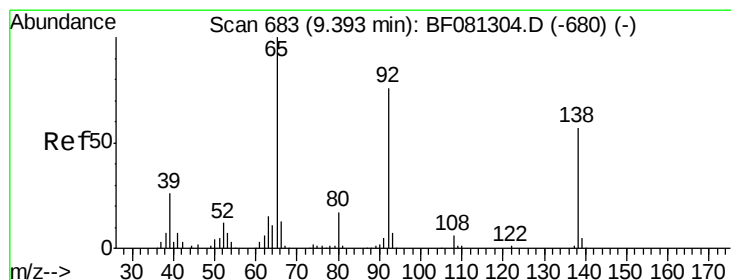
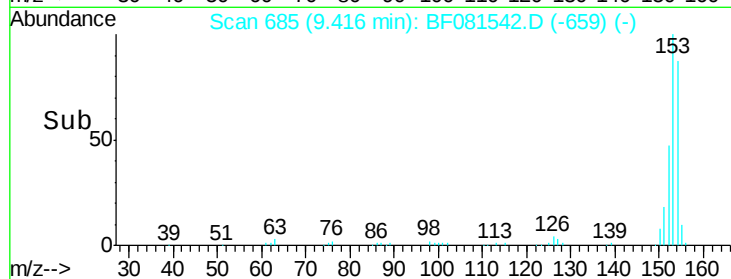
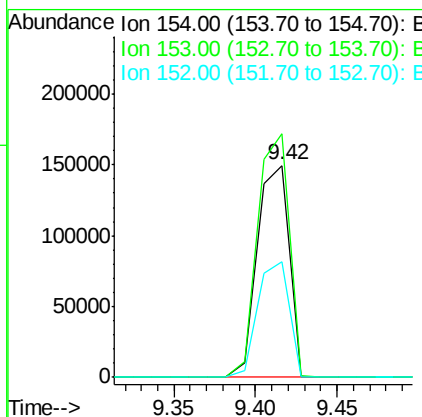
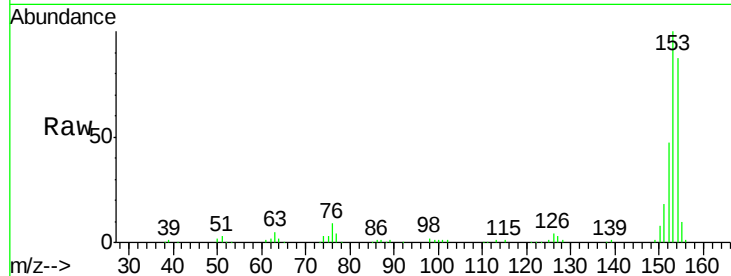




#51
Acenaphthene
Concen: 37.04 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

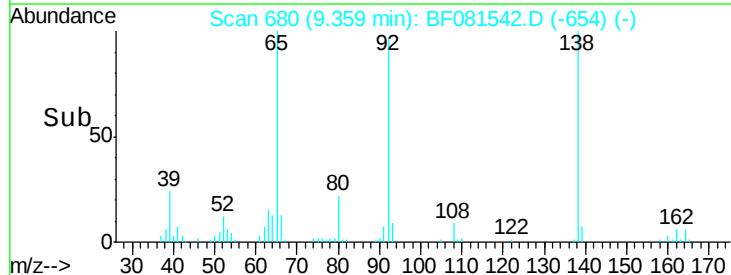
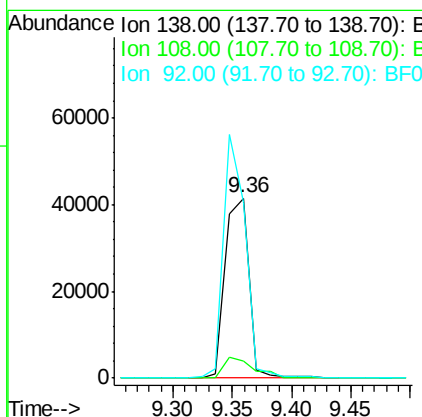
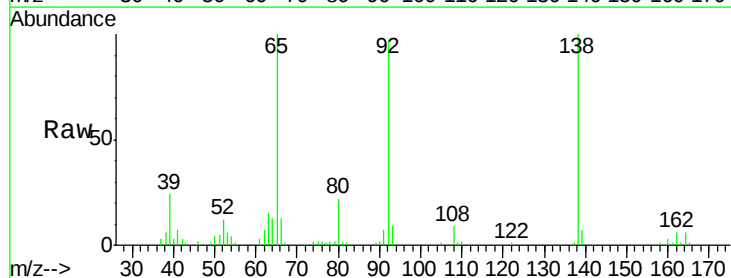
Instrument :
BNA_F
ClientSampleId :

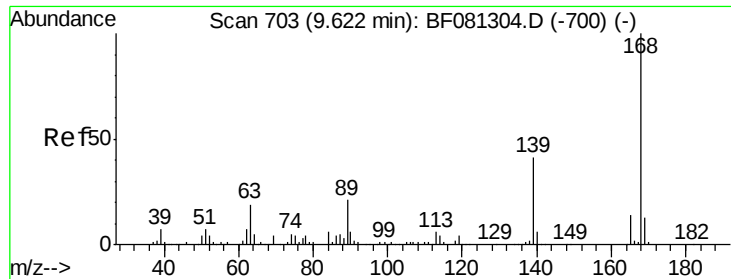
Tot Ion:154 Resp: 204333
Ion Ratio Lower Upper
154 100
153 114.8 82.1 123.1
152 54.4 37.9 56.9



#52
3-Nitroaniline
Concen: 34.93 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:138 Resp: 57692
Ion Ratio Lower Upper
138 100
108 9.3 5.7 8.5#
92 97.4 67.7 101.5

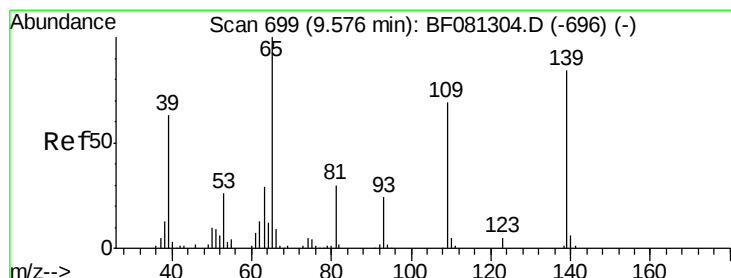
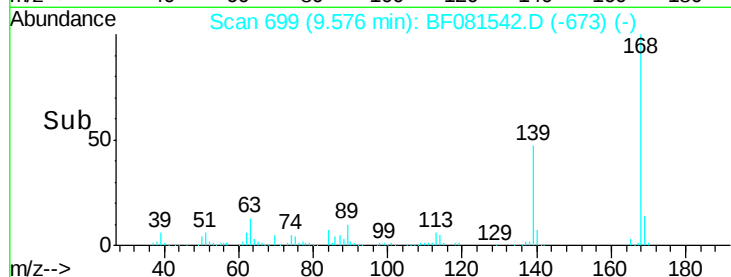
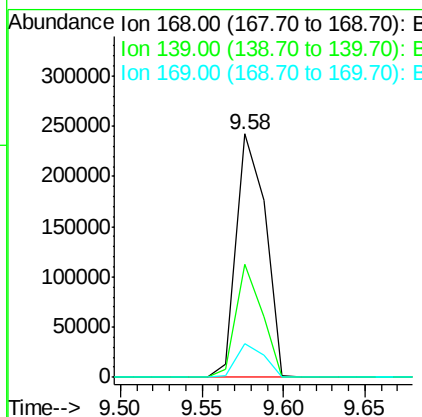
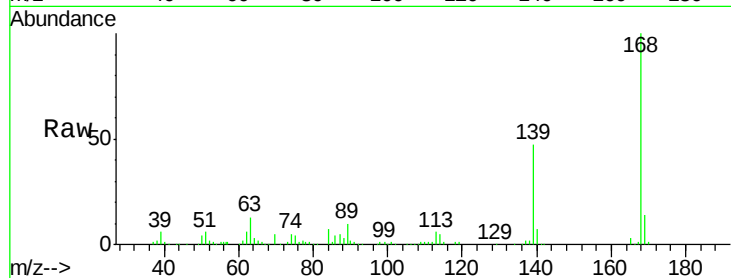




#54
Dibenzofuran
Concen: 37.02 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

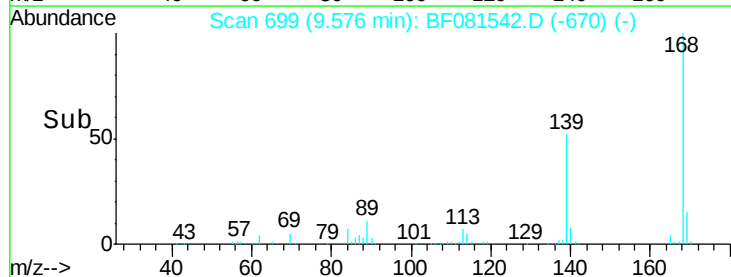
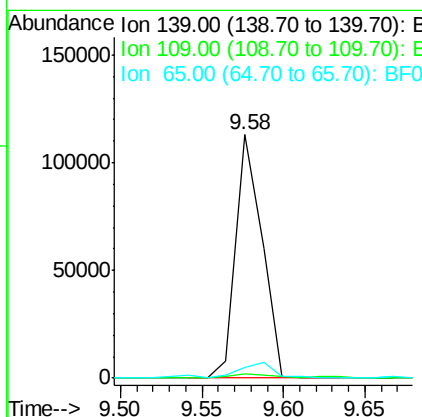
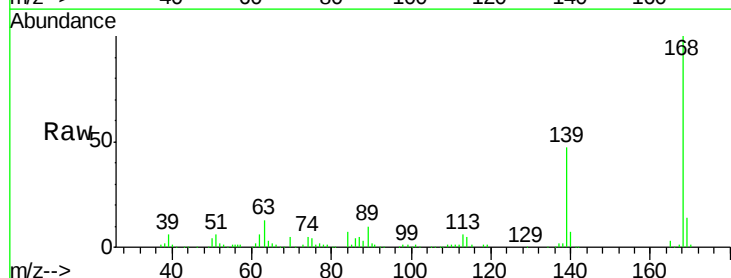
Instrument :
BNA_F
ClientSampleId :

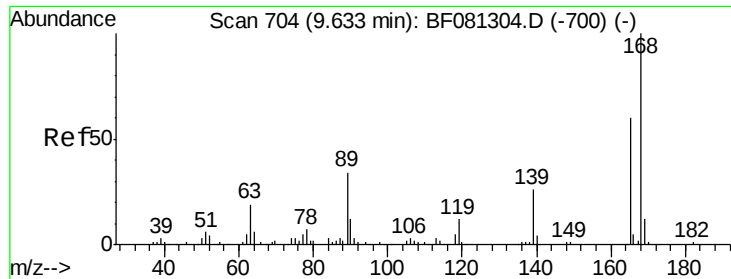
Tot Ion:168 Resp: 298200
Ion Ratio Lower Upper
168 100
139 46.6 24.2 36.2#
169 13.8 10.6 15.8



#55
4-Nitrophenol
Concen: 120.70 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.03 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:139 Resp: 125240
Ion Ratio Lower Upper
139 100
109 1.7 12.7 52.7#
65 4.2 45.9 85.9#

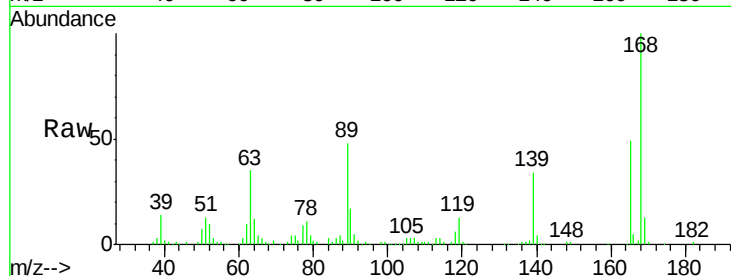




#56
 2,4-Dinitrotoluene
 Concen: 38.82 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	71708
Ion Ratio	Lower	Upper
165	100	
63	71.4	29.8 44.6#
89	99.0	44.5 66.7#
182	2.0	3.0 4.4#

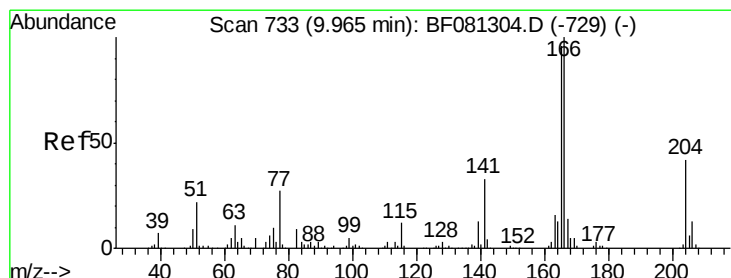
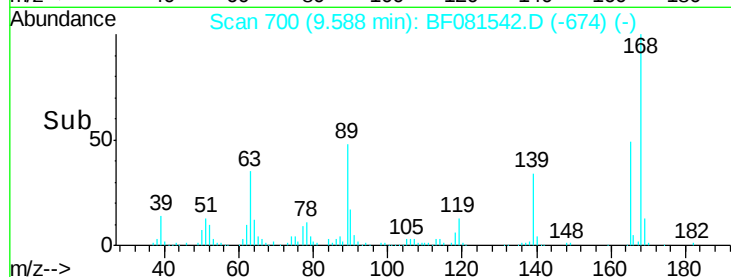
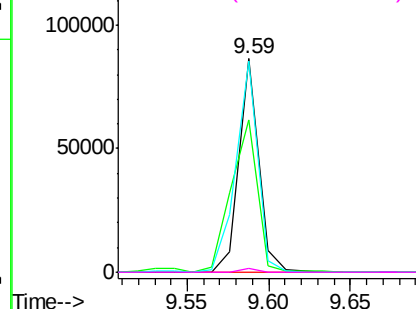


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

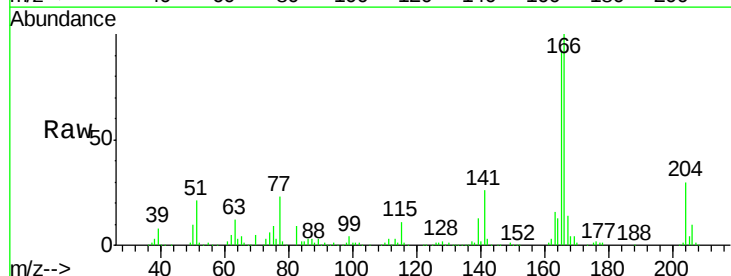
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: 42.41 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

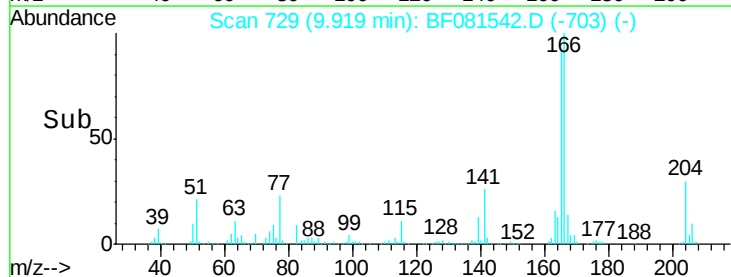
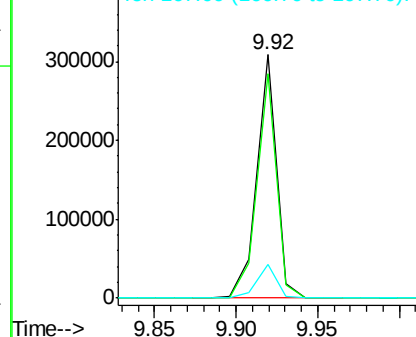
Tgt Ion:166	Resp:	259219
Ion Ratio	Lower	Upper
166	100	
165	92.3	72.6 109.0
167	13.9	10.6 16.0

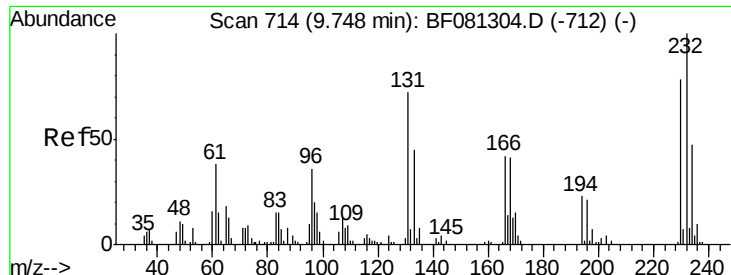


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

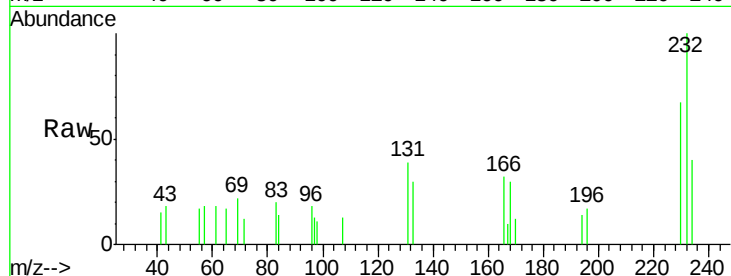




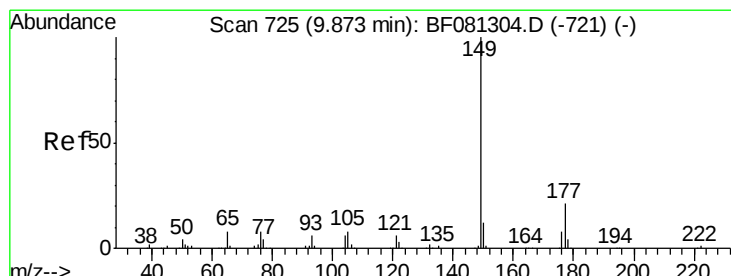
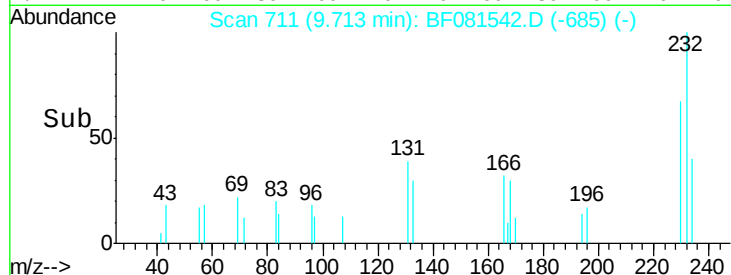
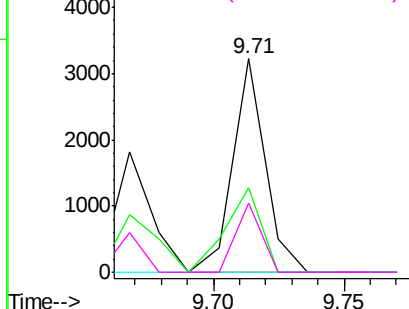
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.01 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 2814
 Ion Ratio Lower Upper
 232 100
 131 43.2 38.5 57.7
 130 0.0 1.8 2.6#
 166 0.0 25.0 37.6#

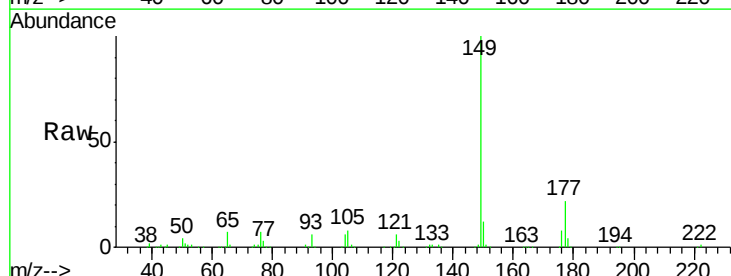


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

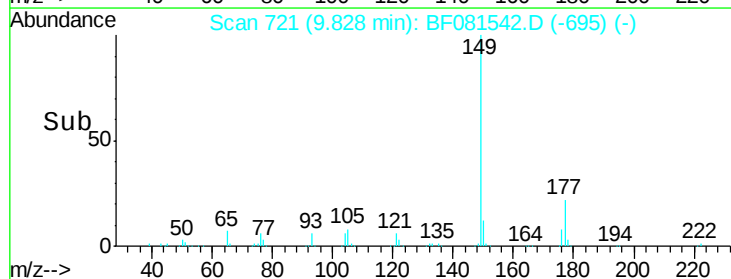
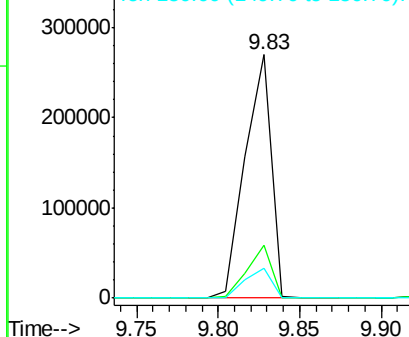


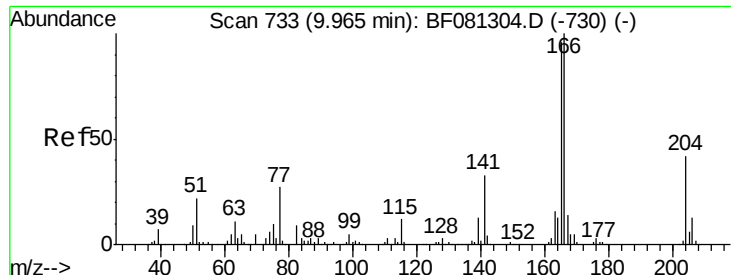
#59
 Diethylphthalate
 Concen: 44.62 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:149 Resp: 300015
 Ion Ratio Lower Upper
 149 100
 177 21.6 17.5 26.3
 150 12.3 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: 37.82 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

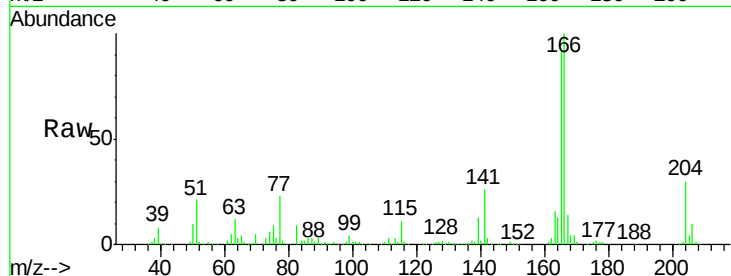
Tot Ion:204 Resp: 107748

Ion Ratio Lower Upper

204 100

206 33.7 24.8 37.2

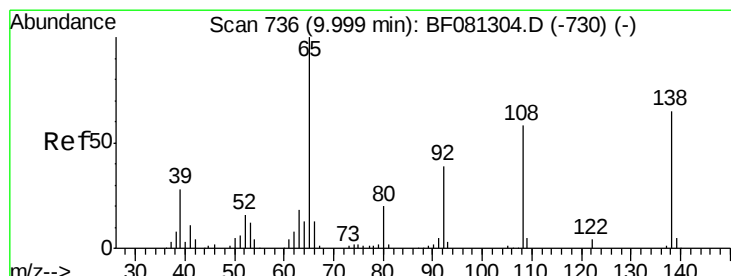
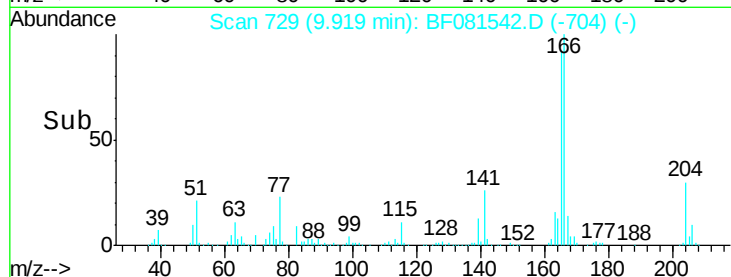
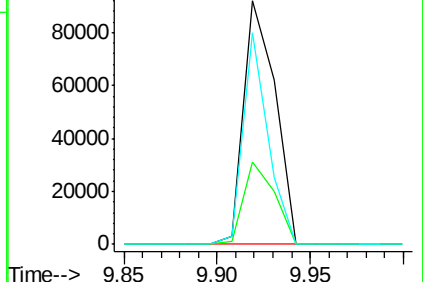
141 86.9 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 33.27 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

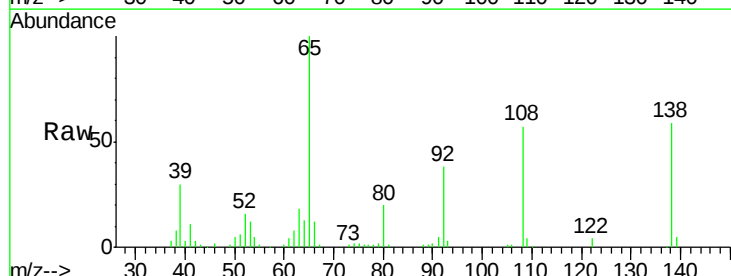
Tgt Ion:138 Resp: 55513

Ion Ratio Lower Upper

138 100

92 64.1 12.6 52.6#

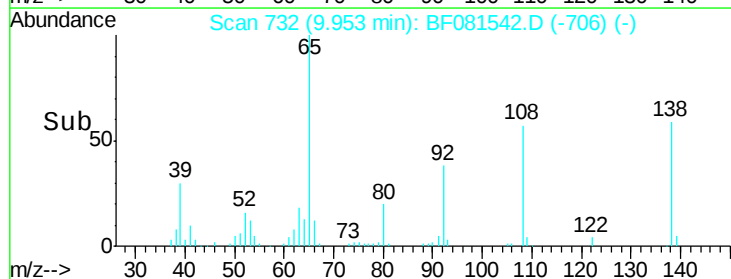
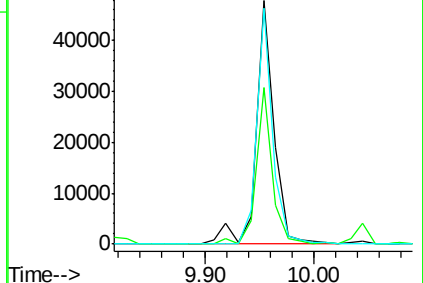
108 97.2 12.4 52.4#

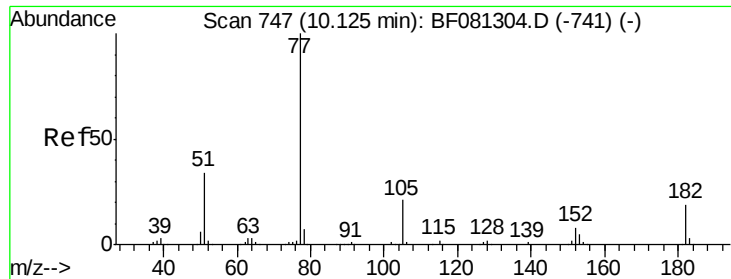


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 42.48 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 317563

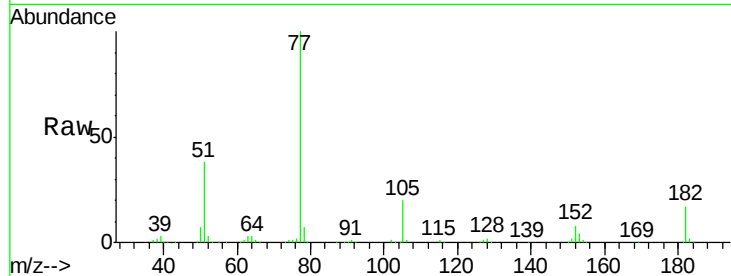
Ion Ratio Lower Upper

77 100

182 17.0 15.1 55.1

105 20.2 3.4 43.4

51 37.8 12.0 52.0

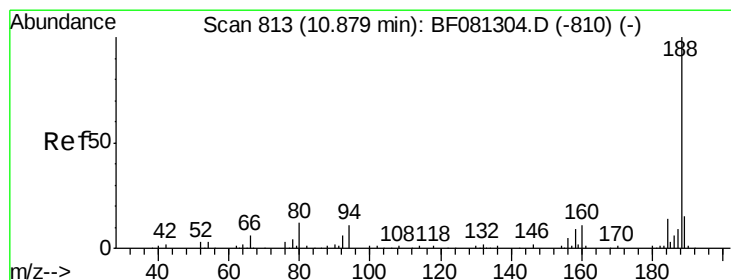
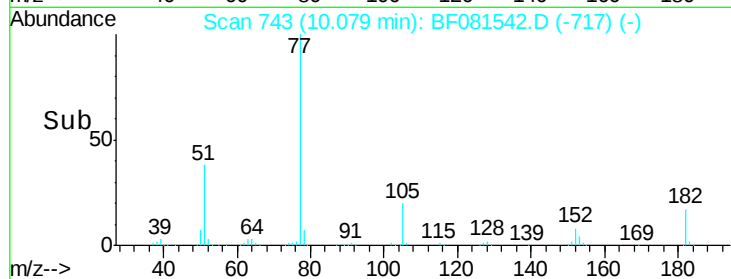
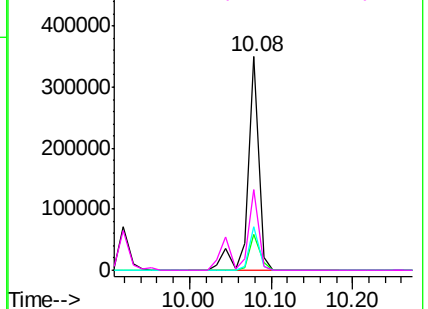


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

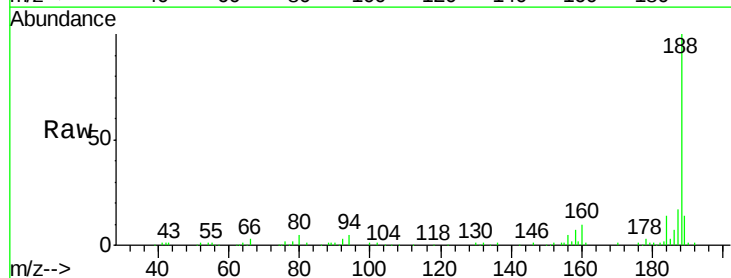
Tgt Ion: 188 Resp: 145858

Ion Ratio Lower Upper

188 100

94 5.2 11.1 16.7#

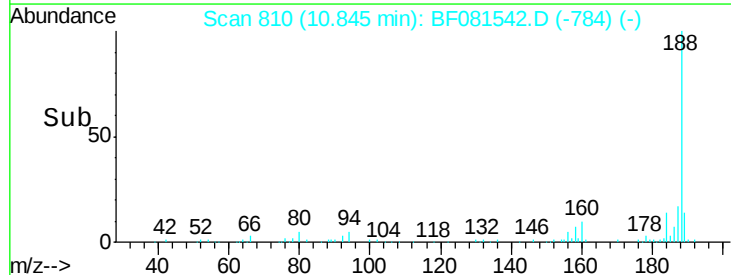
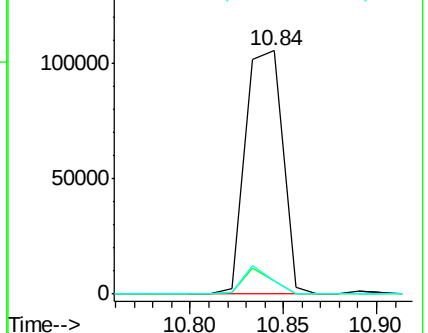
80 5.4 11.0 16.4#

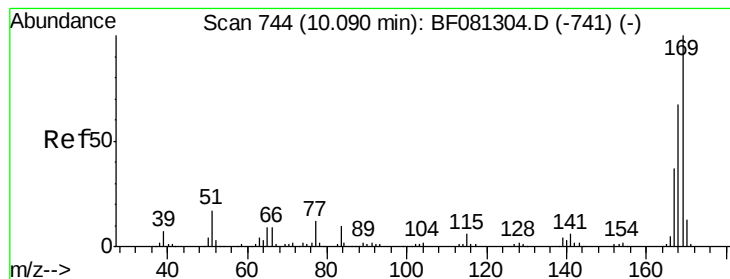


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

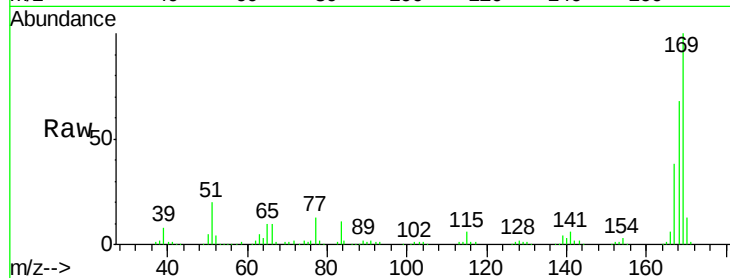




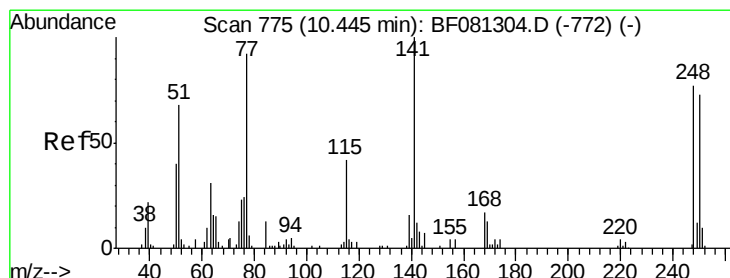
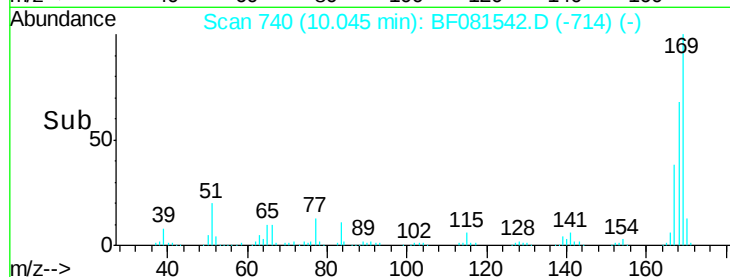
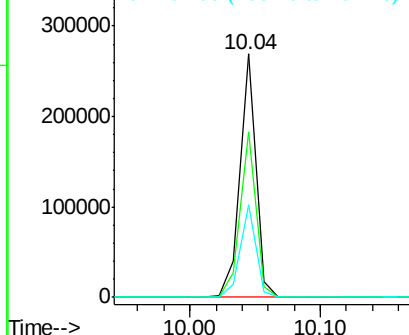
#65
 n-Nitrosodiphenylamine
 Concen: 42.55 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 225834
 Ion Ratio Lower Upper
 169 100
 168 68.0 48.9 73.3
 167 37.9 26.2 39.4

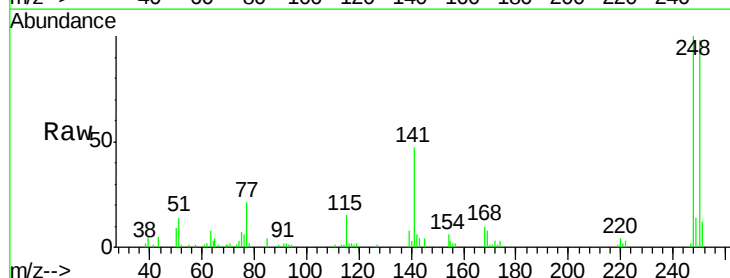


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

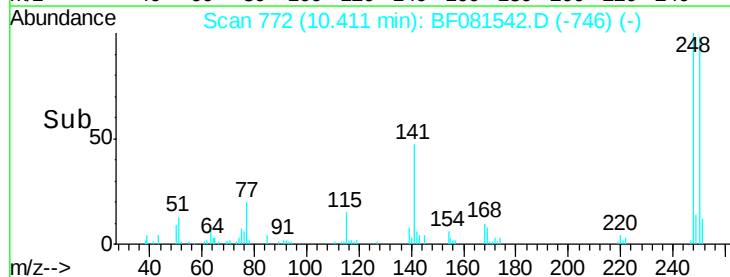
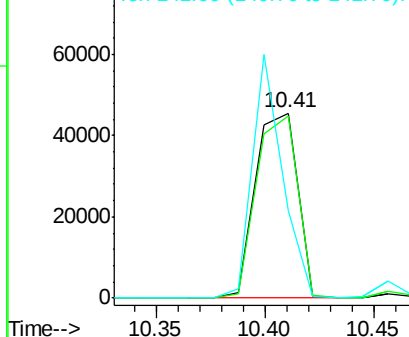


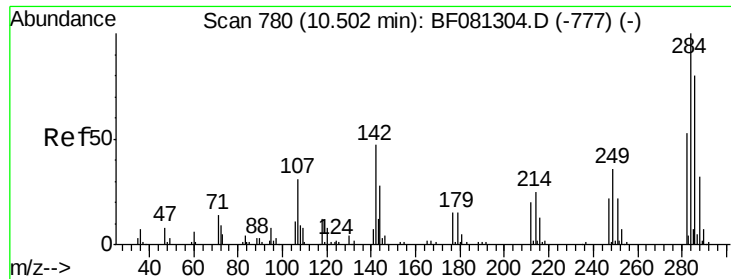
#66
 4-Bromophenyl-phenylether
 Concen: 41.89 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:248 Resp: 61787
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.5 117.7
 141 47.2 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

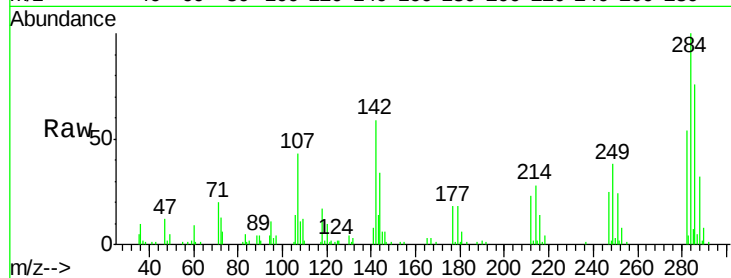




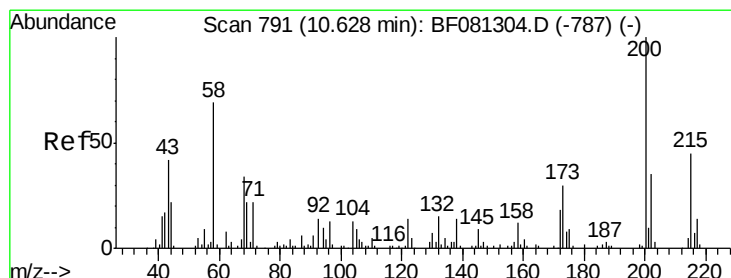
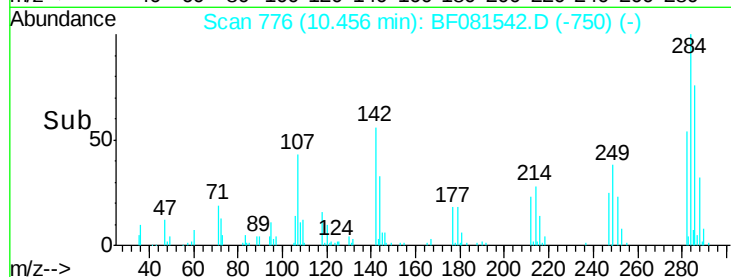
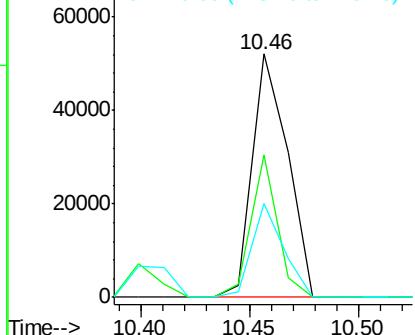
#67
Hexachlorobenzene
Concen: 38.17 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	58.7	29.5	44.3#
249	38.4	19.5	29.3#

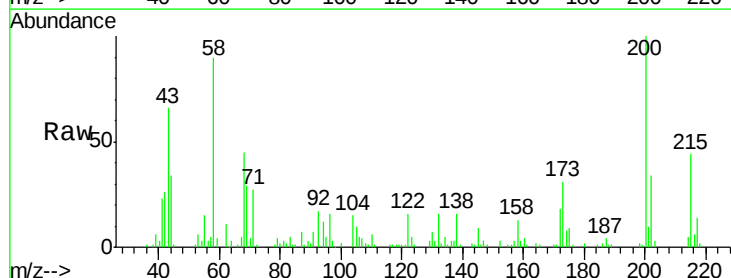


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

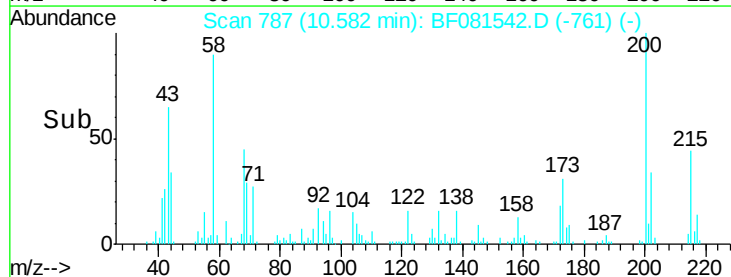
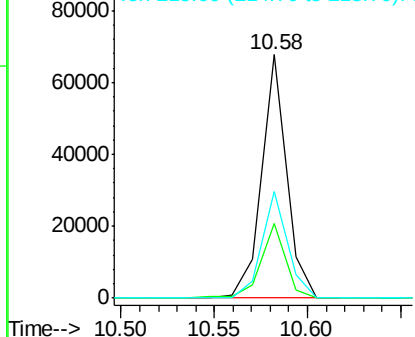


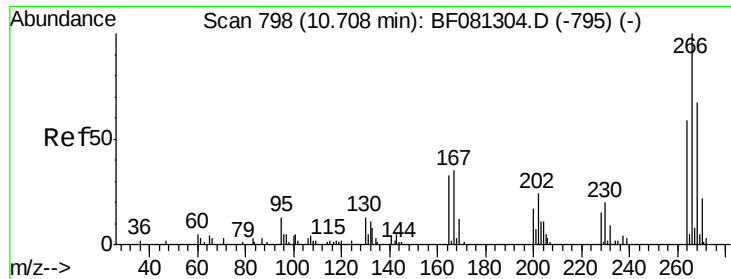
#68
Atrazine
Concen: 40.58 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.5	13.2	53.2
215	43.6	41.8	81.8



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

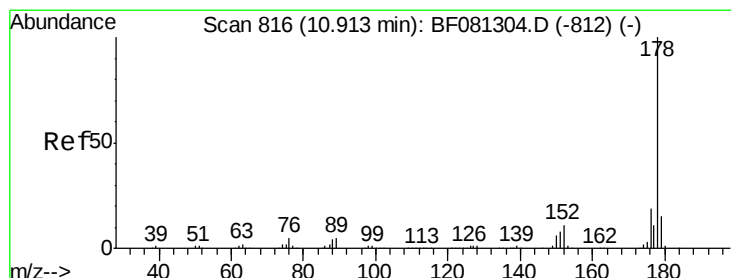
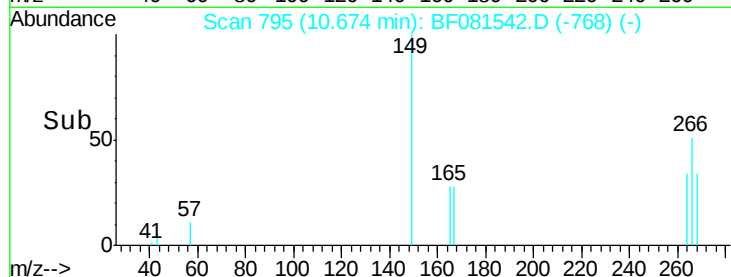
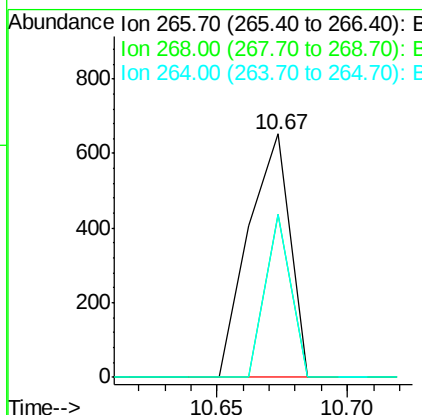
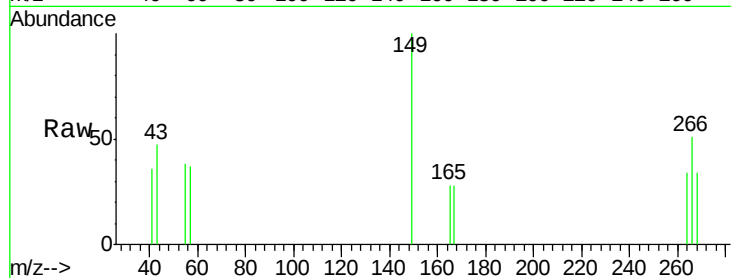




#69
 Pentachlorophenol
 Concen: 9.61 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

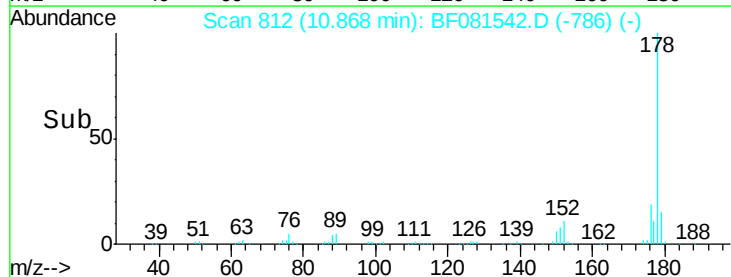
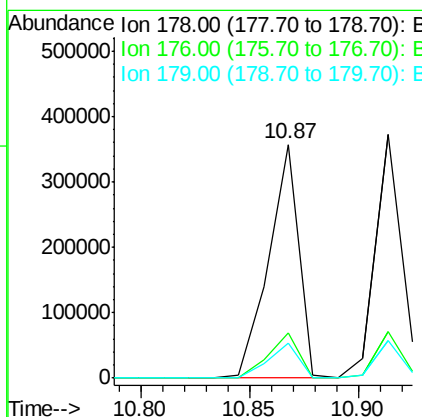
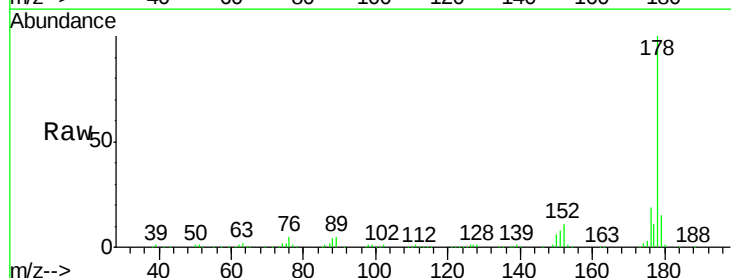
Instrument :
 BNA_F
 ClientSampleId :

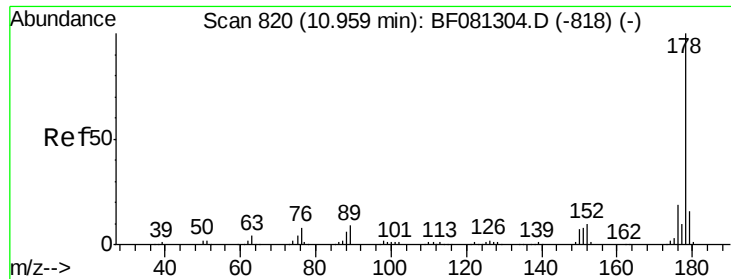
Tot Ion:266 Resp: 727
 Ion Ratio Lower Upper
 266 100
 268 67.1 49.8 74.6
 264 66.8 50.2 75.2



#70
 Phenanthrene
 Concen: 43.02 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:178 Resp: 348849
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 14.9 12.2 18.2

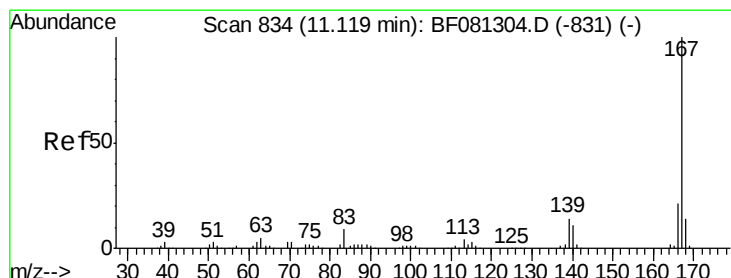
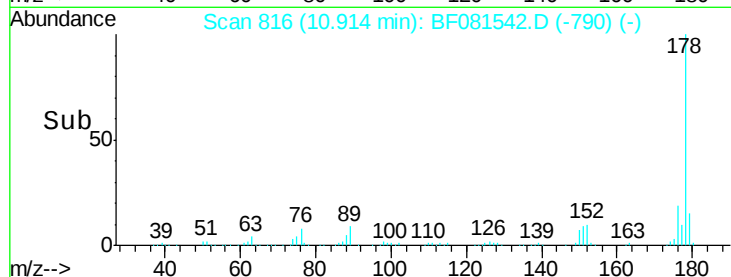
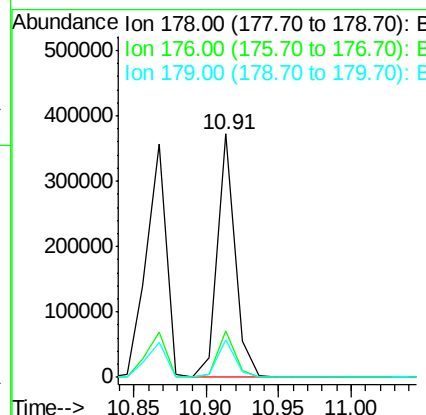
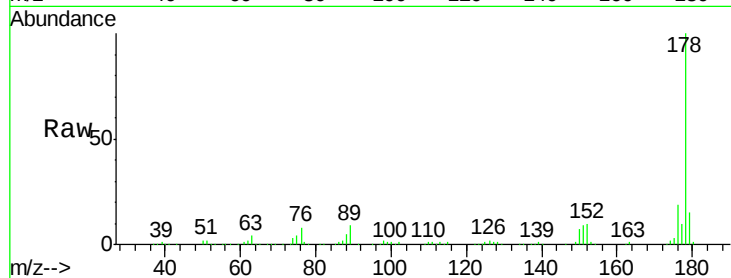




#71
 Anthracene
 Concen: 38.12 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

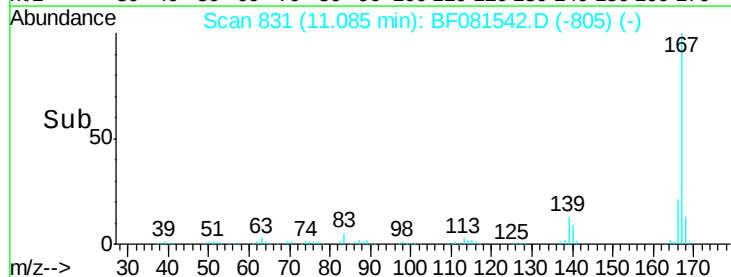
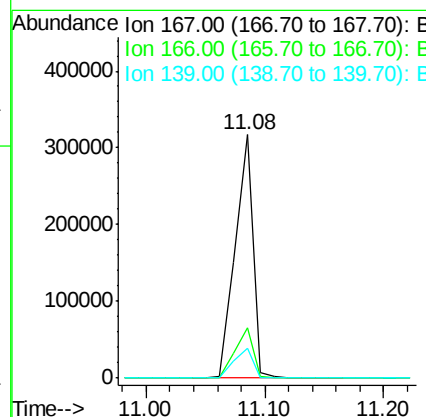
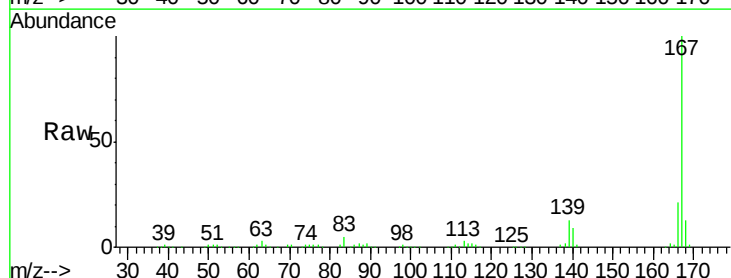
Instrument :
 BNA_F
 ClientSampleId :

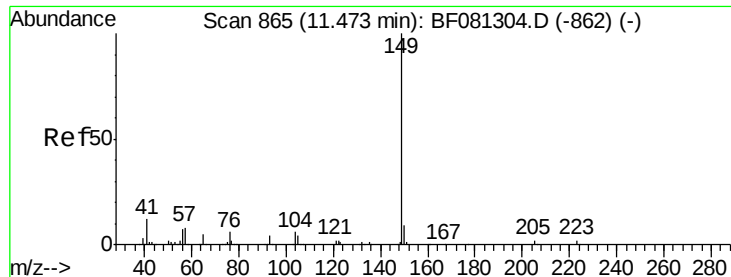
Tot Ion:178 Resp: 317604
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.5 12.2 18.2



#72
 Carbazole
 Concen: 42.22 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:167 Resp: 330058
 Ion Ratio Lower Upper
 167 100
 166 20.9 15.7 23.5
 139 12.5 9.5 14.3





#73

Di-n-butylphthalate

Concen: 44.02 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

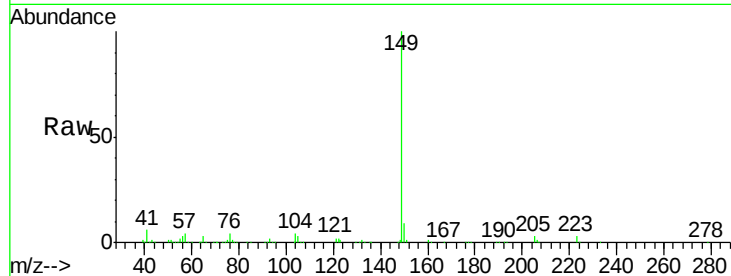
Tot Ion:149 Resp: 406328

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

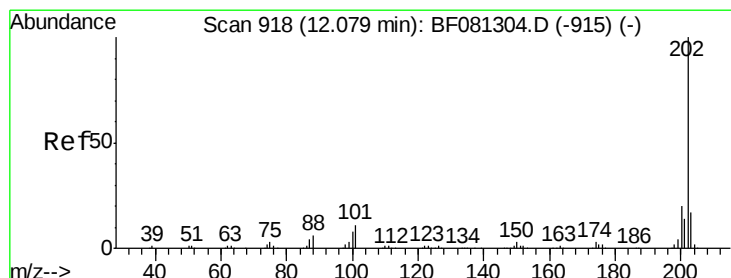
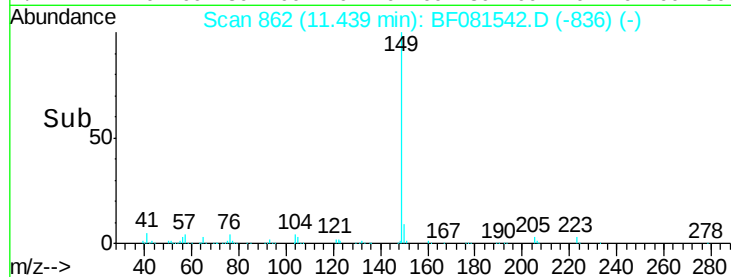
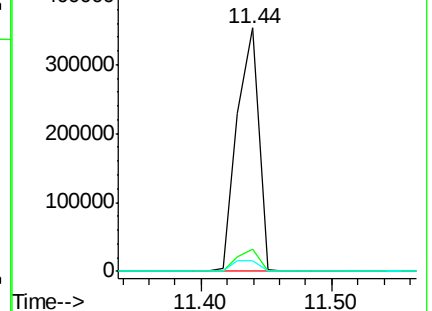
104 4.2 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.17 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

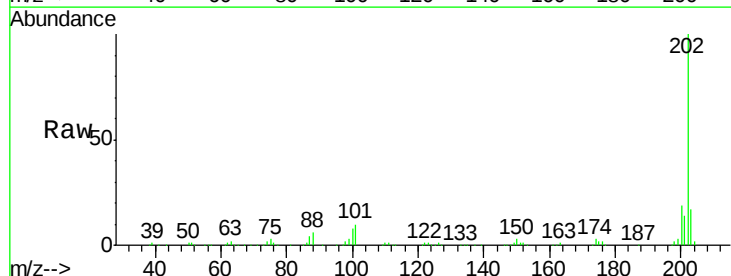
Tgt Ion:202 Resp: 282412

Ion Ratio Lower Upper

202 100

101 9.9 0.0 38.3

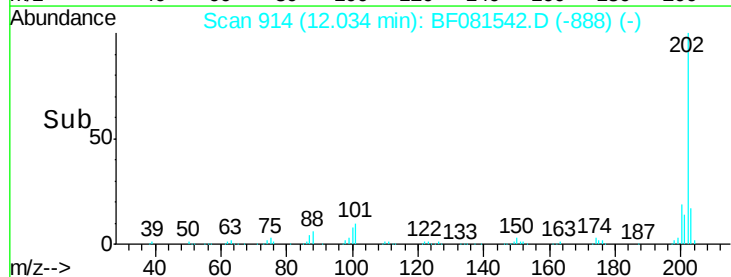
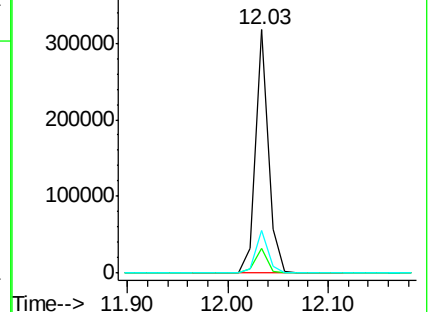
203 17.4 0.0 37.3

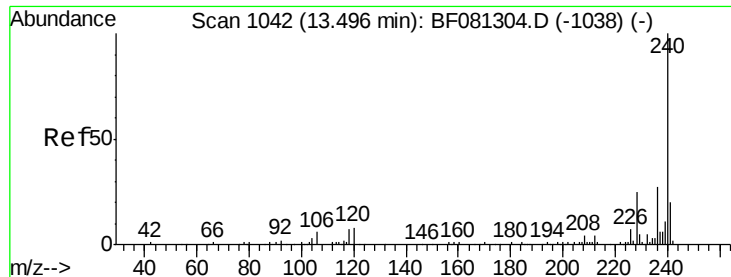


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

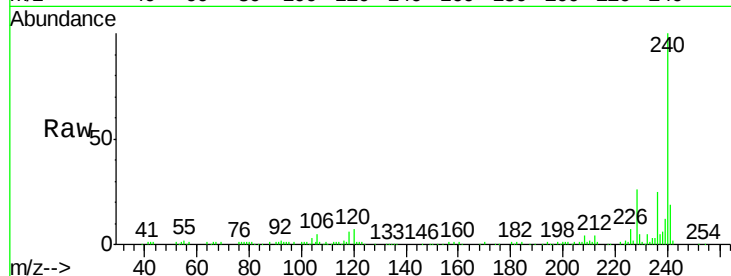
Tot Ion:240 Resp: 104076

Ion Ratio Lower Upper

240 100

120 7.2 16.2 24.2#

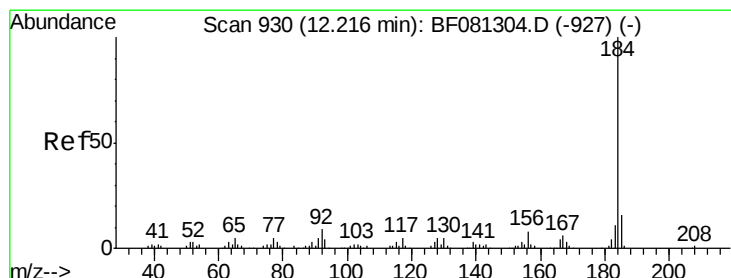
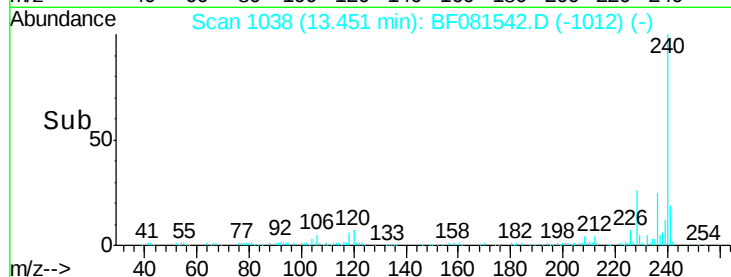
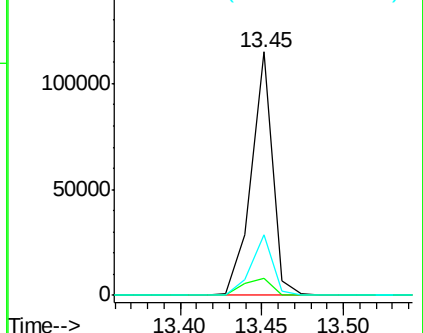
236 24.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.30 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

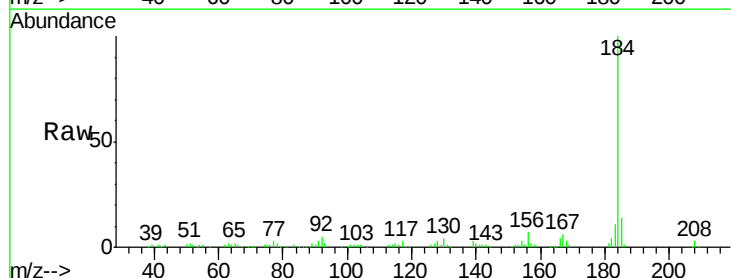
Tgt Ion:184 Resp: 139843

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.6

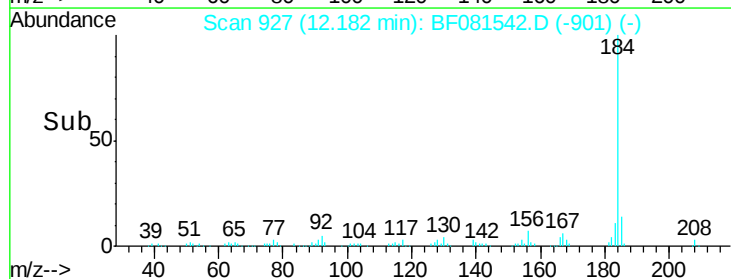
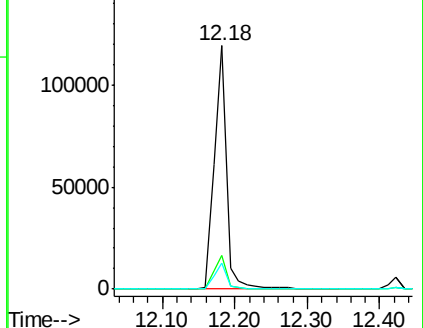
183 10.6 7.6 11.4

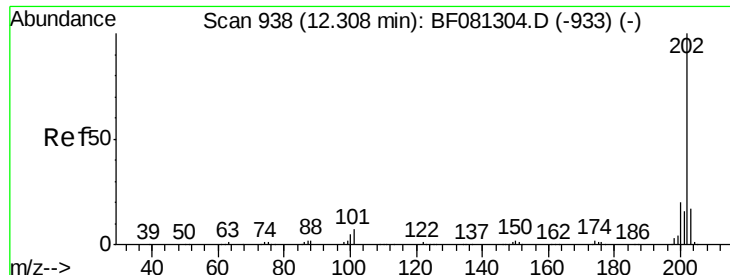


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

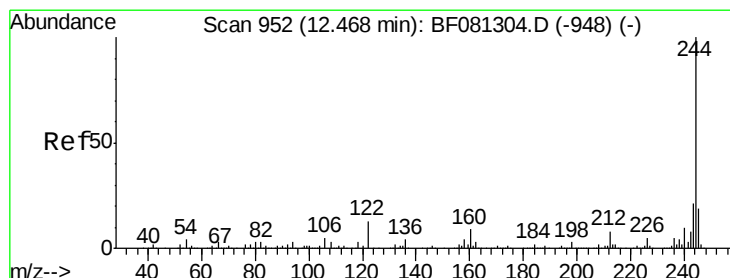
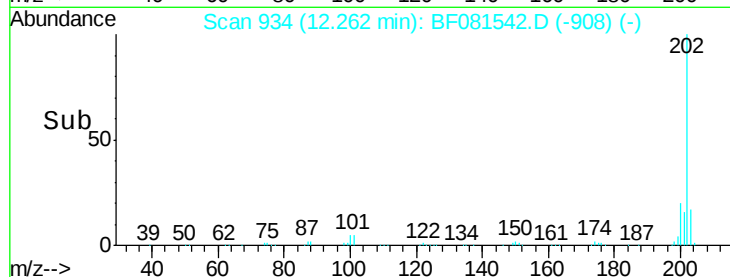
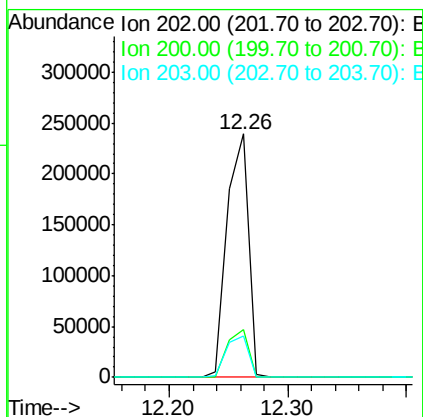
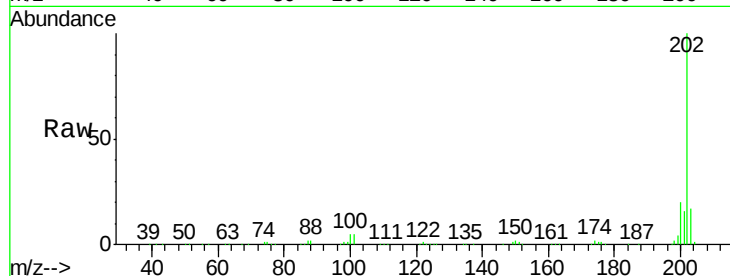




#77
 Pvrene
 Concen: 38.66 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

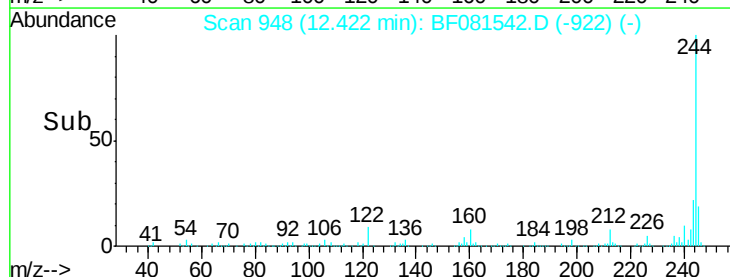
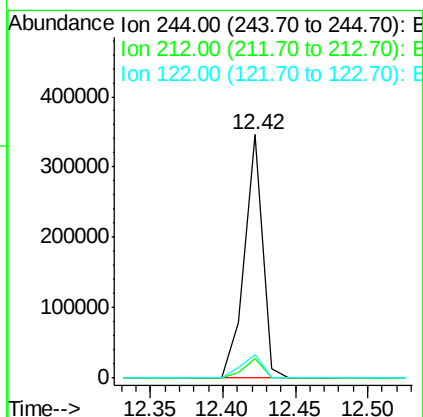
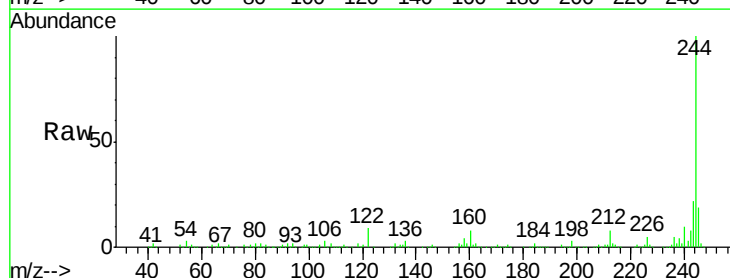
Instrument :
 BNA_F
 ClientSampleId :

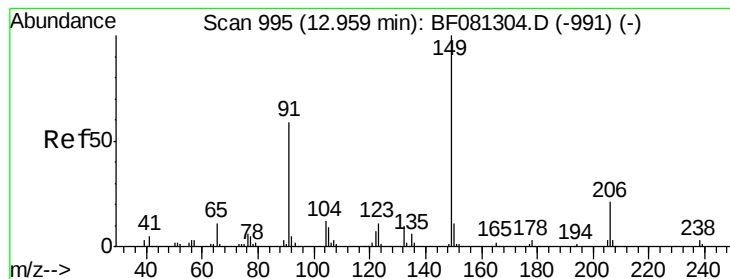
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	16.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 67.66 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	9.4	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 43.63 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

Instrument :

BNA_F

ClientSampleId :

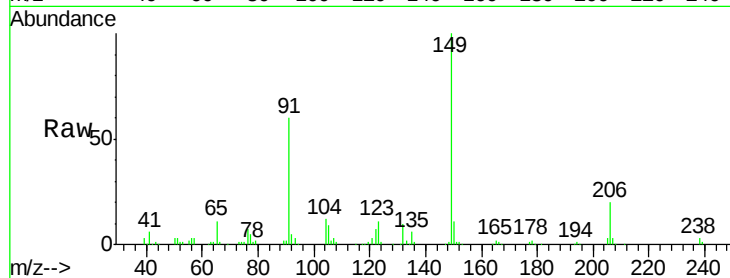
Tot Ion:149 Resp: 146271

Ion Ratio Lower Upper

149 100

91 59.8 48.6 72.8

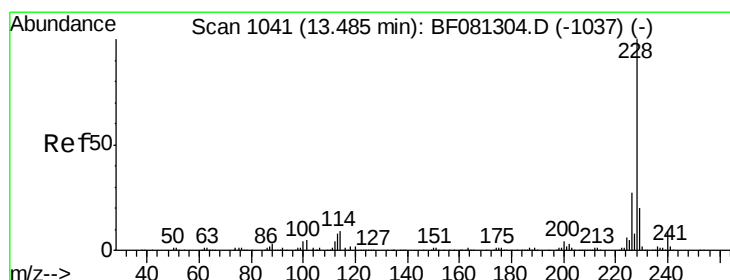
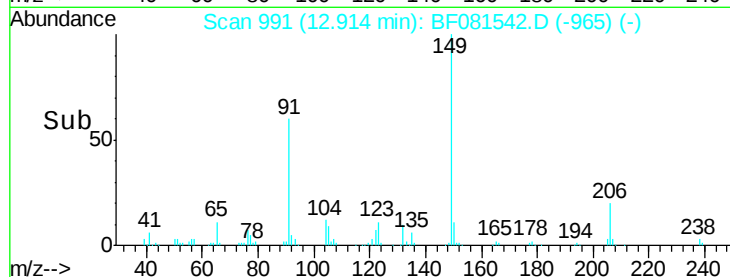
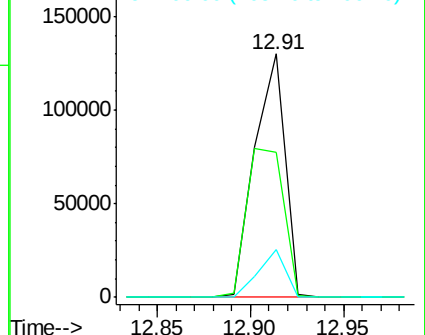
206 19.8 14.9 22.3



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: 39.04 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081542.D

Acq: 9 Sep 2015 3:08

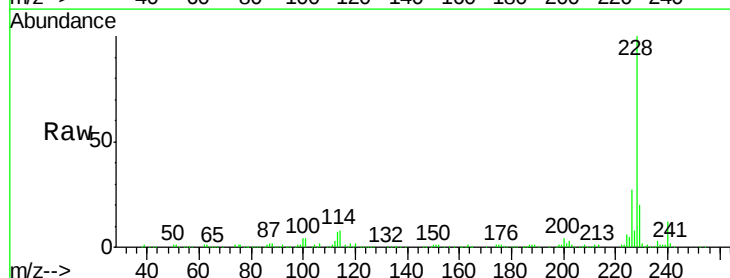
Tgt Ion:228 Resp: 258777

Ion Ratio Lower Upper

228 100

226 26.6 20.0 30.0

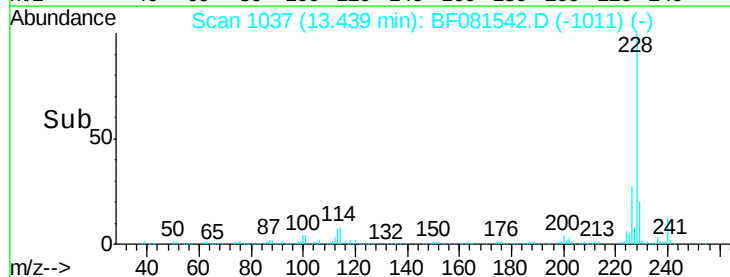
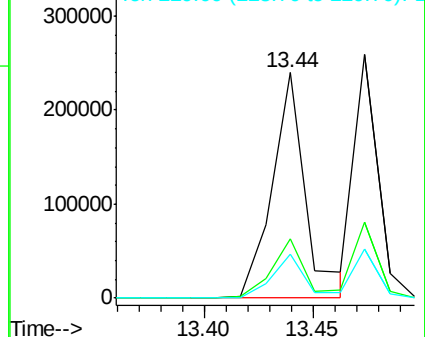
229 19.6 15.4 23.2

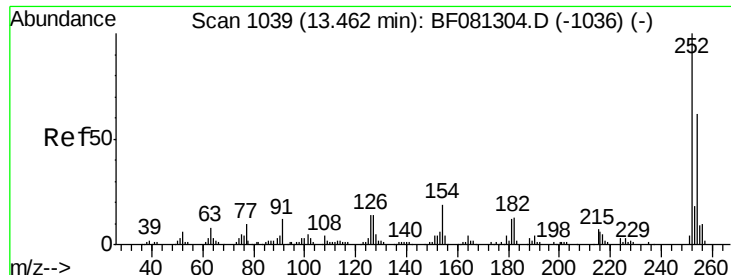


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

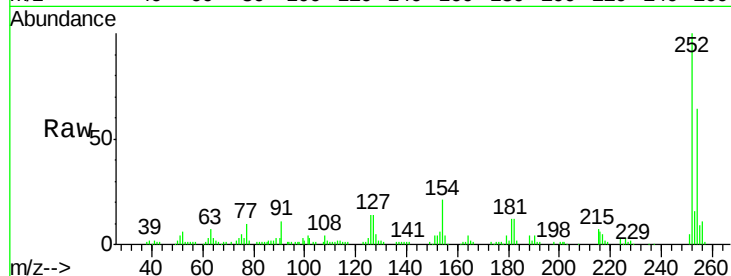




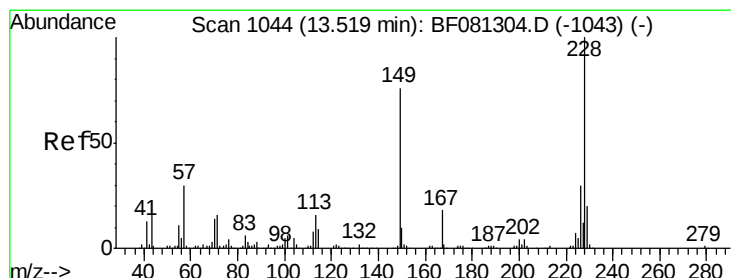
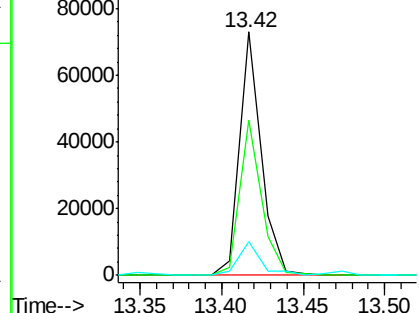
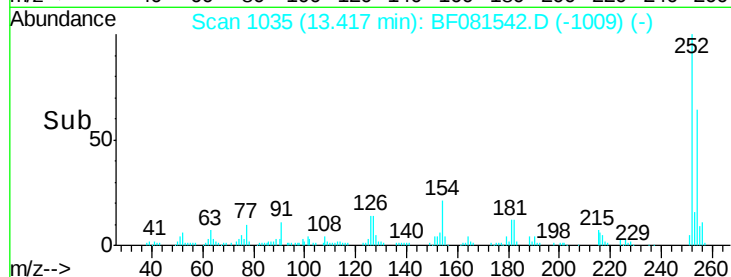
#81
 3,3'-Dichlorobenzidine
 Concen: 29.77 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.2
126	13.9	16.4	24.6

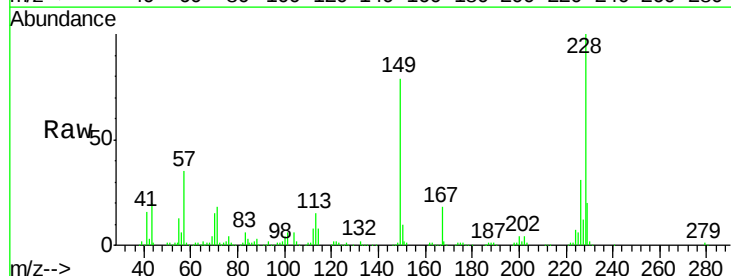


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

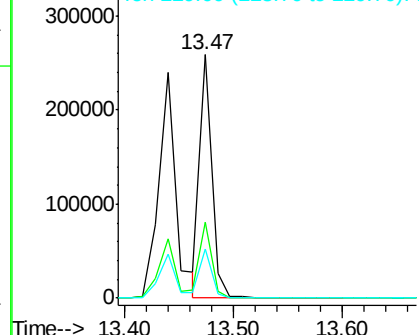
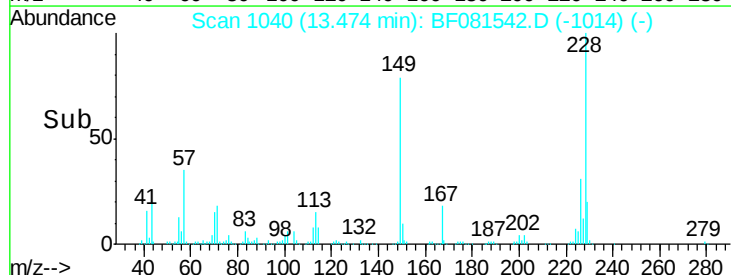


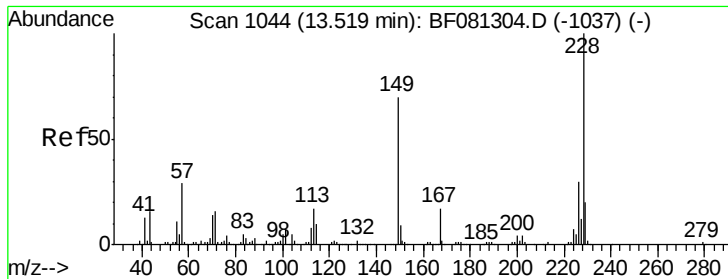
#82
 Chrysene
 Concen: 33.64 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	19.9	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

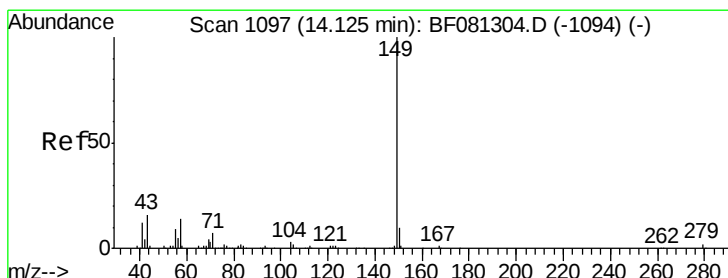
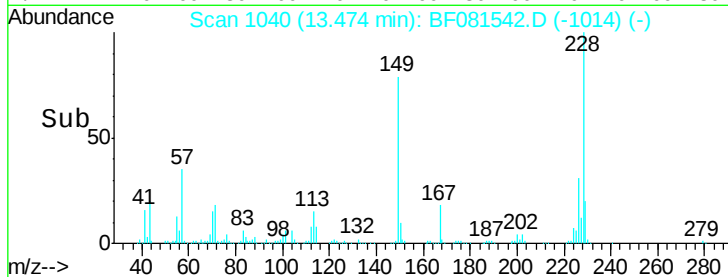
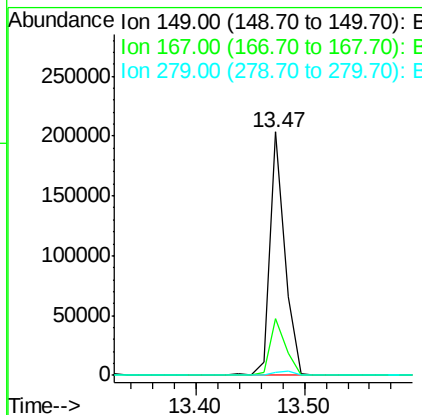
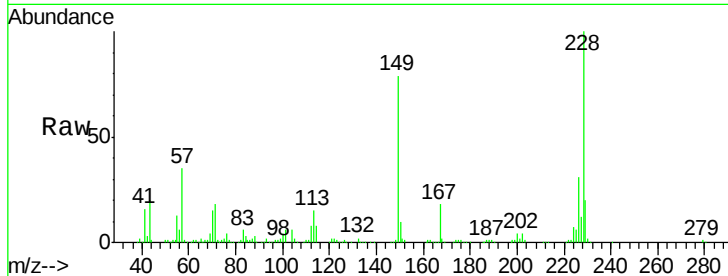




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.18 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

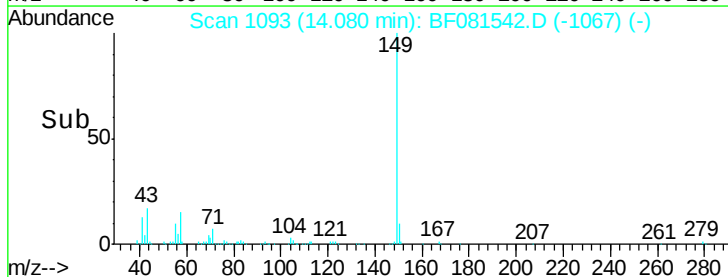
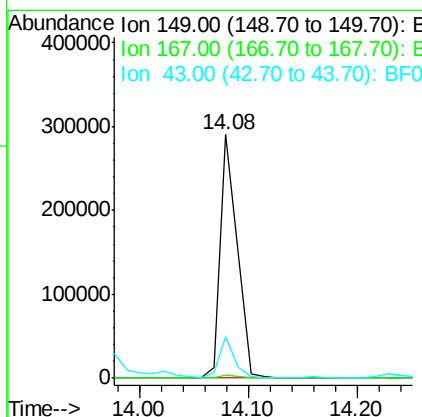
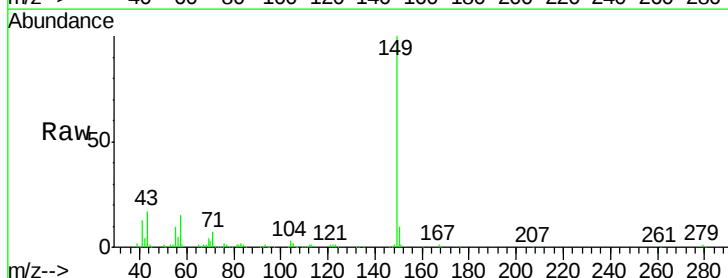
Instrument :
 BNA_F
 ClientSampleId :

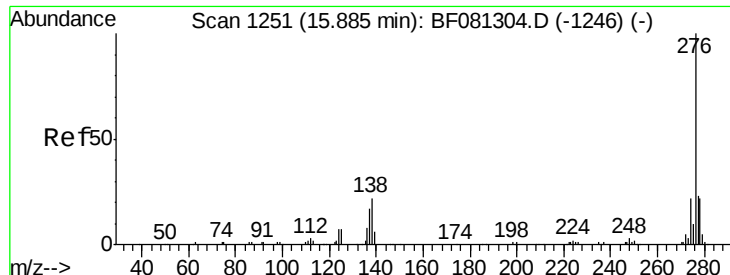
Tot Ion:149 Resp: 195468
 Ion Ratio Lower Upper
 149 100
 167 23.4 24.2 36.2#
 279 1.4 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 43.13 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:149 Resp: 314194
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 15.0 10.2 15.2

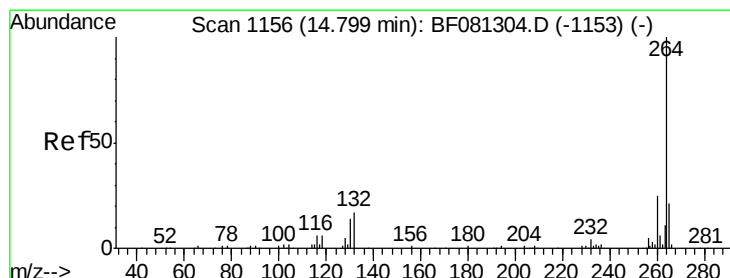
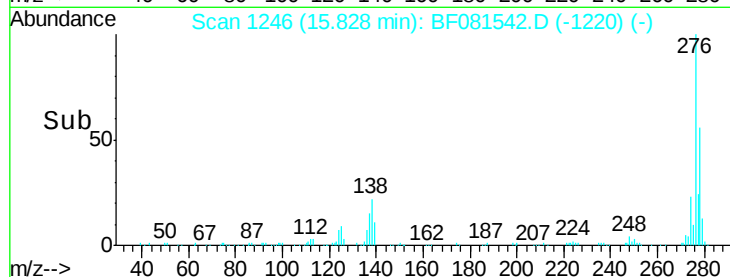
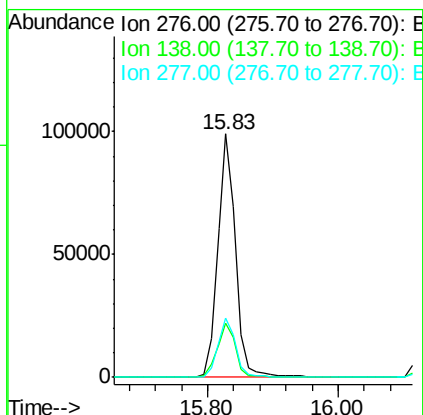
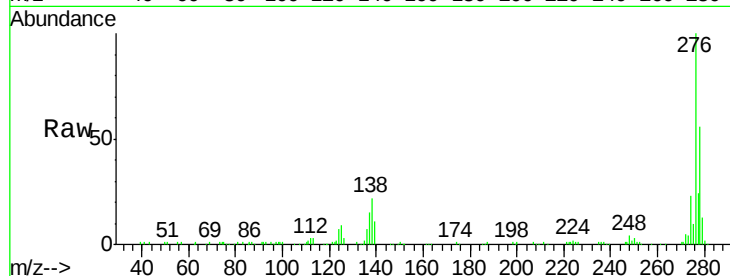




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.42 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

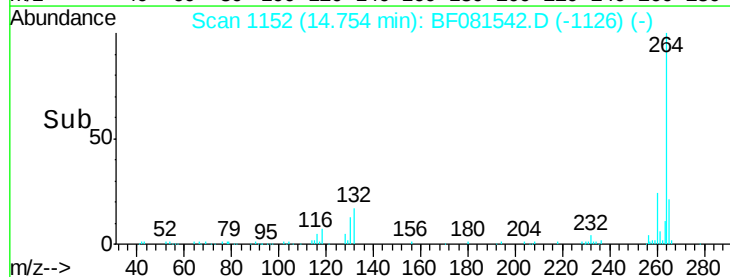
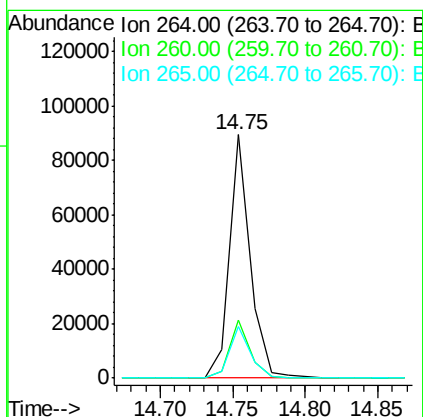
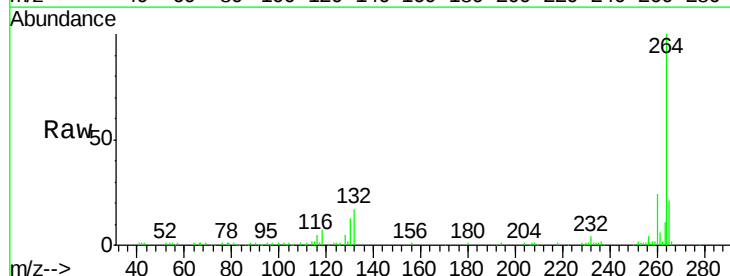
Instrument :
 BNA_F
 ClientSampled :

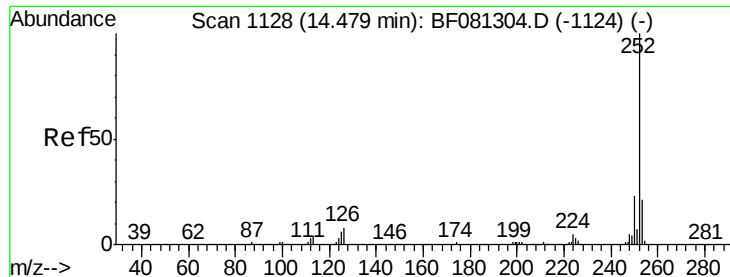
Tot Ion:276 Resp: 189281
 Ion Ratio Lower Upper
 276 100
 138 22.6 25.7 38.5#
 277 24.2 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Tgt Ion:264 Resp: 88577
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.0 17.2 25.8

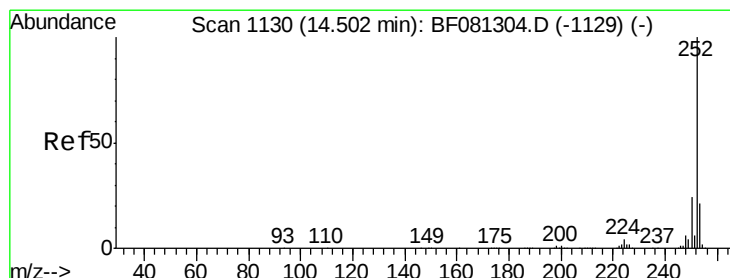
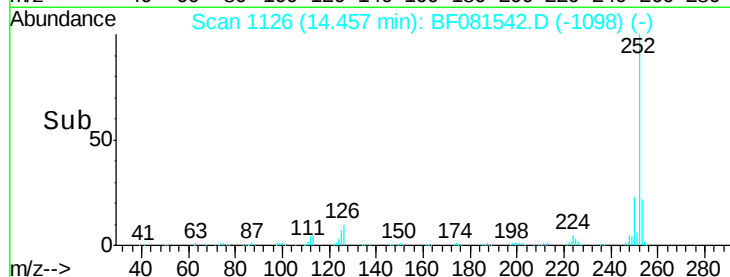
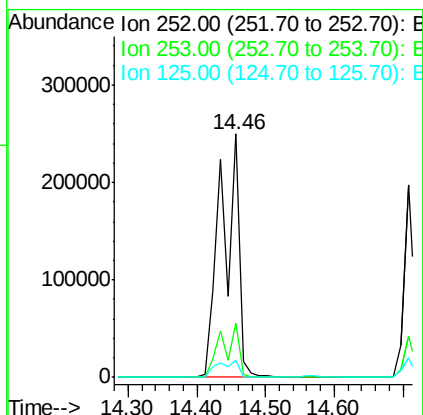
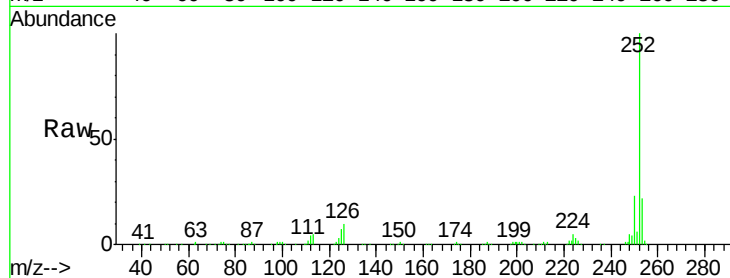




#87
Benzo(b)fluoranthene
Concen: 73.22 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

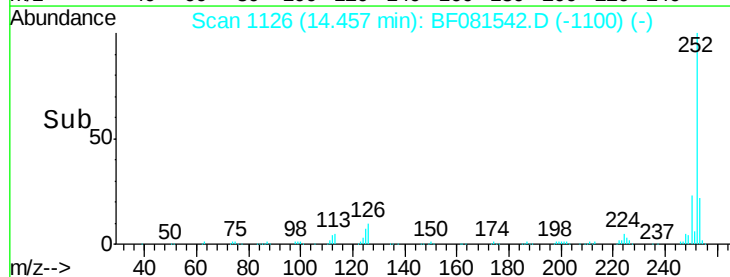
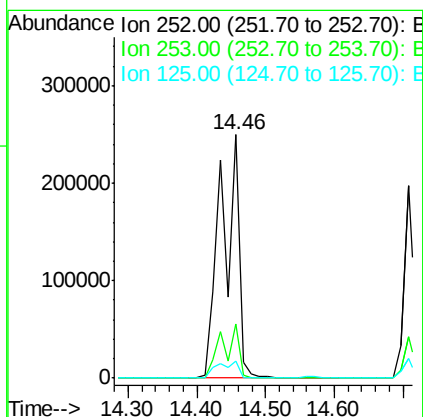
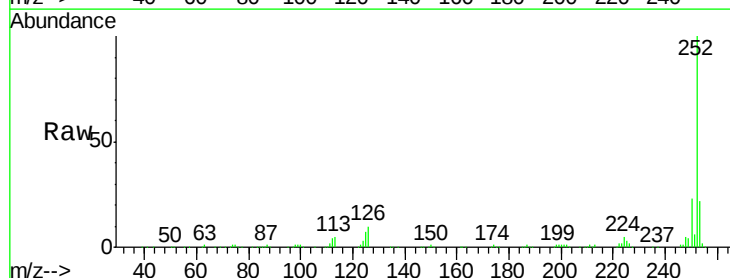
Instrument :
BNA_F
ClientSampleId :

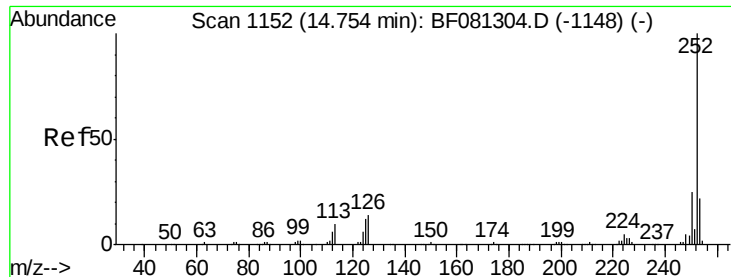
Tot Ion:252 Resp: 463023
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 7.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 88.24 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:252 Resp: 463023
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 7.0 16.0 24.0#

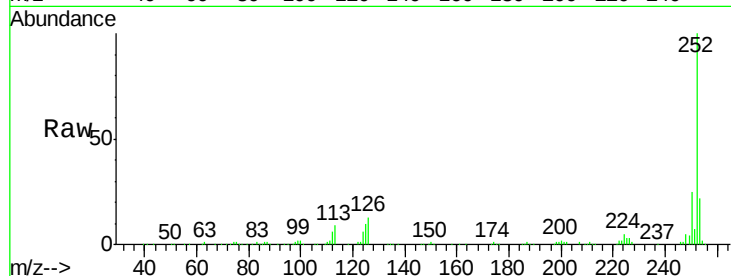




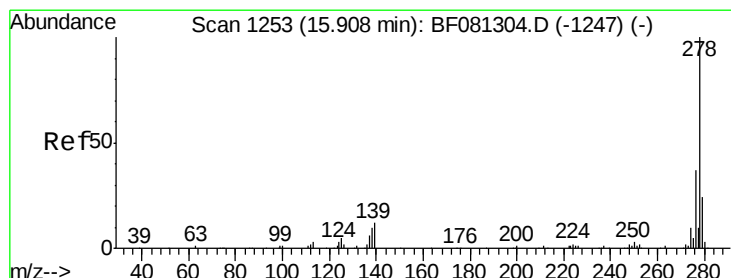
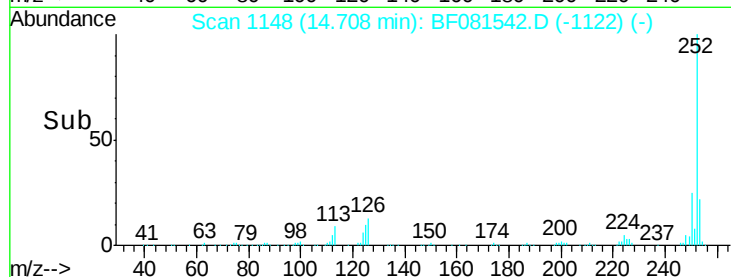
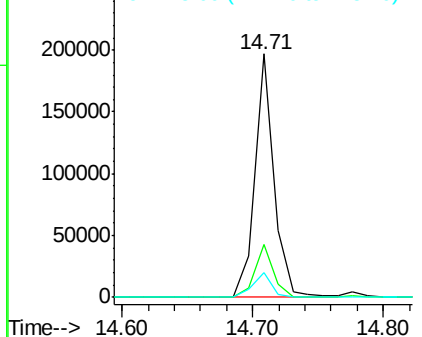
#89
Benzo(a)pyrene
Concen: 37.75 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 202316
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.3 18.0 27.0#

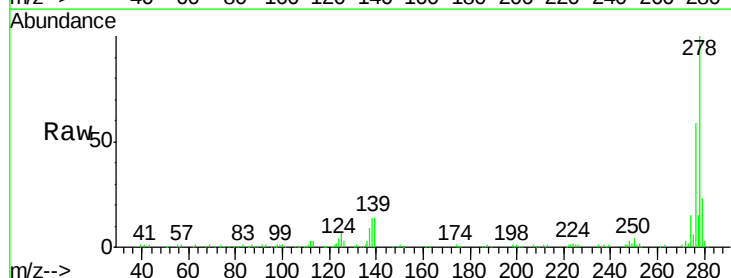


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

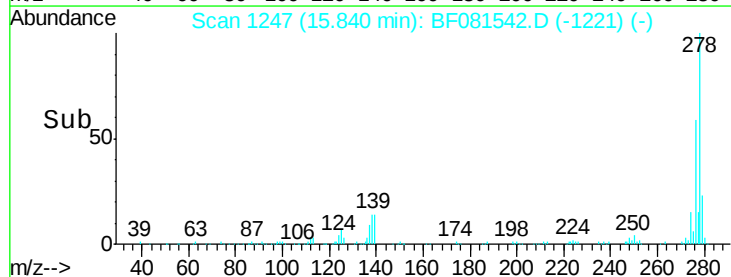
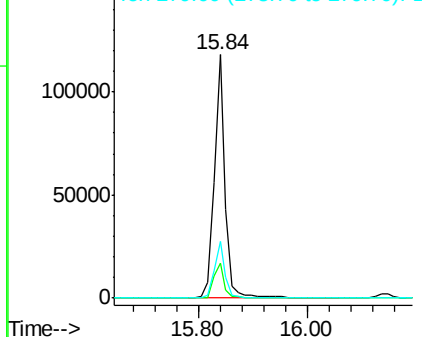


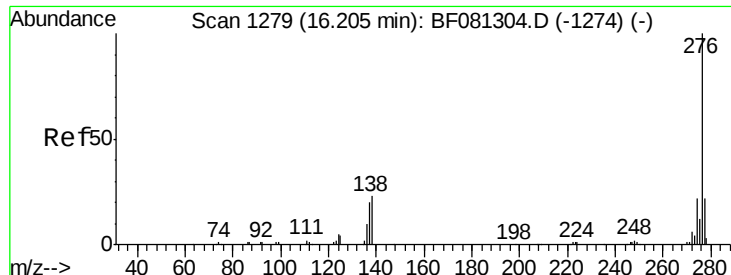
#90
Dibenzo(a,h)anthracene
Concen: 40.15 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:278 Resp: 166235
Ion Ratio Lower Upper
278 100
139 14.5 26.3 39.5#
279 23.2 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: 36.07 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF081542.D
 Acq: 9 Sep 2015 3:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	15.7	34.6	51.8#

