

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081201.D
 Acq On : 25 Aug 2015 16:26
 Operator : UM/IZ
 Sample : PB85176BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:06:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	75439	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	289413	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	127857	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	255317	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	222958	20.00	ng	-0.01
86) Perylene-d12	14.97	264	177164	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	490689	97.83	ng	0.01
7) Phenol-d6	6.18	99	610850	93.34	ng	-0.01
23) Nitrobenzene-d5	7.10	82	369531	58.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	97539	88.01	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	626604	64.21	ng	-0.01
78) Terphenyl-d14	12.61	244	582236	55.98	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.02	88	63129	26.71	ng	91
3) Pyridine	2.62	79	152121	22.80	ng	# 79
4) n-Nitrosodimethylamine	2.57	42	101245	27.26	ng	# 76
6) Aniline	6.18	93	157328	16.53	ng	# 46
8) 2-Chlorophenol	6.31	128	168632	30.72	ng	97
9) Benzaldehyde	6.07	77	36387	8.63	ng	87
10) Phenol	6.20	94	253637	32.82	ng	80
11) bis(2-Chloroethyl)ether	6.28	93	180626	30.46	ng	94
12) 1,3-Dichlorobenzene	6.55	146	166318	28.19	ng	95
13) 1,4-Dichlorobenzene	6.55	146	166318	28.47	ng	97
14) 1,2-Dichlorobenzene	6.70	146	170314	31.15	ng	94
15) Benzyl Alcohol	6.69	79	166336	31.42	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.82	45	328443	28.18	ng	99
17) 2-Methylphenol	6.81	107	138490	29.40	ng	95
18) Hexachloroethane	7.04	117	69604	29.49	ng	# 91
19) n-Nitroso-di-n-propylamine	6.96	70	137542	30.34	ng	89
20) 3+4-Methylphenols	6.96	107	174107	29.12	ng	# 51
22) Acetophenone	6.95	105	247137	32.53	ng	# 86
24) Nitrobenzene	7.12	77	211544	31.93	ng	92
25) Isophorone	7.36	82	345386	29.23	ng	97
26) 2-Nitrophenol	7.44	139	84124	30.54	ng	# 61
27) 2,4-Dimethylphenol	7.49	122	141242	28.98	ng	95
28) bis(2-Chloroethoxy)methane	7.59	93	214633	30.75	ng	# 98
29) 2,4-Dichlorophenol	7.68	162	137170	33.43	ng	92
30) 1,2,4-Trichlorobenzene	7.76	180	141867	31.11	ng	99
31) Naphthalene	7.83	128	460696	28.56	ng	98
32) Benzoic acid	7.62	122	86936	31.71	ng	92
33) 4-Chloroaniline	7.90	127	75410	11.08	ng	# 82
34) Hexachlorobutadiene	7.96	225	78856	30.58	ng	97
35) Caprolactam	8.26	113	44237	30.85	ng	# 89
36) 4-Chloro-3-methylphenol	8.39	107	149690	30.61	ng	100
37) 2-Methylnaphthalene	8.53	142	322420	31.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	135495	32.85	ng	97
40) Hexachlorocyclopentadiene	8.69	237	144780	67.81	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	91776	31.49	nq	99
43) 2,4,5-Trichlorophenol	8.86	196	93219	32.01	nq	98
45) 1,1'-Biphenyl	9.00	154	403104	35.79	nq	97
46) 2-Chloronaphthalene	9.02	162	273169	30.19	nq	98
47) 2-Nitroaniline	9.11	65	109154	29.48	nq	95
48) Acenaphthylene	9.42	152	434350	26.84	nq	99
49) Dimethylphthalate	9.30	163	302561	28.73	nq	100
50) 2,6-Dinitrotoluene	9.36	165	65596	29.02	nq	# 71
51) Acenaphthene	9.59	154	261432	26.98	nq	100
52) 3-Nitroaniline	9.52	138	47573	16.82	nq	99
53) 2,4-Dinitrophenol	9.64	184	77750	64.59	nq	# 75
54) Dibenzofuran	9.76	168	383897	29.57	nq	91
55) 4-Nitrophenol	9.70	139	111446	56.09	nq	# 82
56) 2,4-Dinitrotoluene	9.76	165	84202	28.10	nq	# 62
57) Fluorene	10.10	166	291620	29.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	68053	30.19	nq	99
59) Diethylphthalate	10.00	149	341227	30.62	nq	98
60) 4-Chlorophenyl-phenylether	10.10	204	136141	32.21	nq	98
61) 4-Nitroaniline	10.14	138	84868	29.35	nq	93
62) Azobenzene	10.26	77	426761	33.23	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	49230	32.29	nq	# 40
65) n-Nitrosodiphenylamine	10.23	169	295271	32.40	nq	99
66) 4-Bromophenyl-phenylether	10.58	248	76293	30.42	nq	# 61
67) Hexachlorobenzene	10.65	284	80903	31.85	nq	# 82
68) Atrazine	10.76	200	85532	33.68	nq	98
69) Pentachlorophenol	10.85	266	94234	61.83	nq	99
70) Phenanthrene	11.05	178	416341	27.52	nq	99
71) Anthracene	11.11	178	471692	32.04	nq	99
72) Carbazole	11.27	167	466833	32.93	nq	97
73) Di-n-butylphthalate	11.61	149	560107	32.65	nq	99
74) Fluoranthene	12.23	202	508814	31.16	nq	96
76) Benzidine	12.37	184	244483	29.03	nq	97
77) Pyrene	12.46	202	516699	28.51	nq	98
79) Butylbenzylphthalate	13.10	149	246773	31.67	nq	96
80) Benzo(a)anthracene	13.64	228	431904	28.89	nq	100
81) 3,3'-Dichlorobenzidine	13.61	252	71858	14.84	nq	# 95
82) Chrysene	13.67	228	337103	25.02	nq	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	323583	32.43	nq	# 98
84) Di-n-octyl phthalate	14.27	149	550236	36.28	nq	100
85) Indeno(1,2,3-cd)pyrene	16.15	276	316465	33.45	nq	# 94
87) Benzo(b)fluoranthene	14.65	252	756916	60.40	nq	98
88) Benzo(k)fluoranthene	14.65	252	756916	64.82	nq	# 96
89) Benzo(a)pyrene	14.93	252	355788	32.58	nq	97
90) Dibenzo(a,h)anthracene	16.16	278	261389	30.72	nq	97
91) Benzo(g,h,i)perylene	16.49	276	249983	28.96	nq	# 91

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

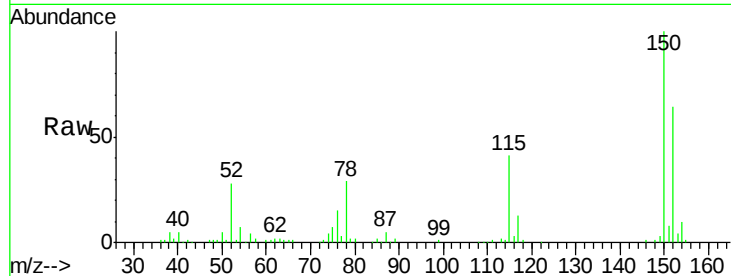


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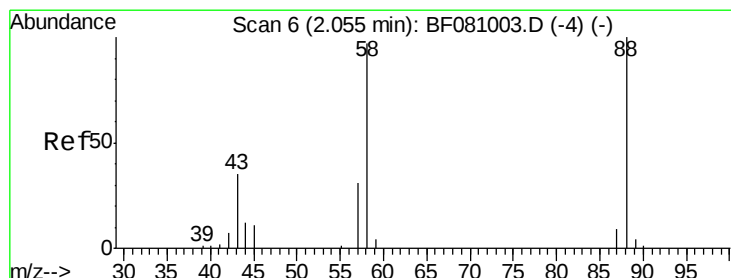
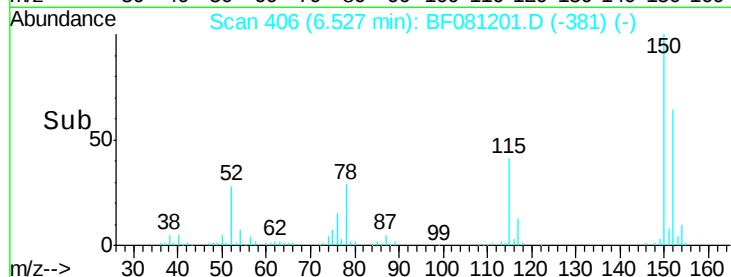
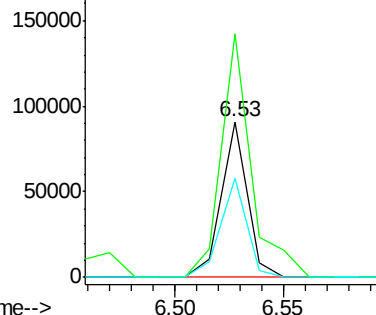
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75439
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 63.9 52.1 78.1



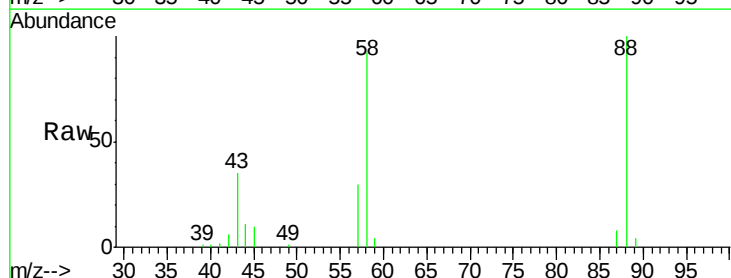
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



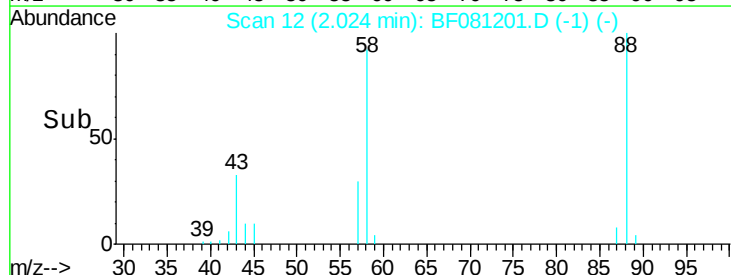
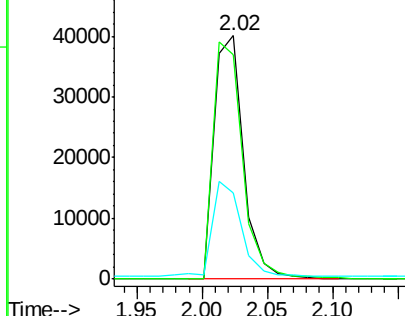
#2

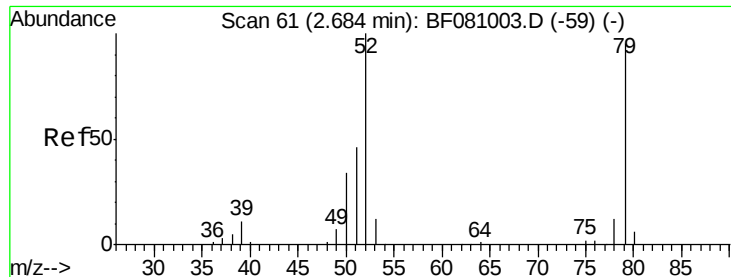
1,4-Dioxane
Concen: 26.71 ng
RT: 2.02 min Scan# 12
Delta R.T. 0.09 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion: 88 Resp: 63129
Ion Ratio Lower Upper
88 100
58 98.2 83.7 125.5
43 37.7 37.5 56.3



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: 22.80 ng

RT: 2.62 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

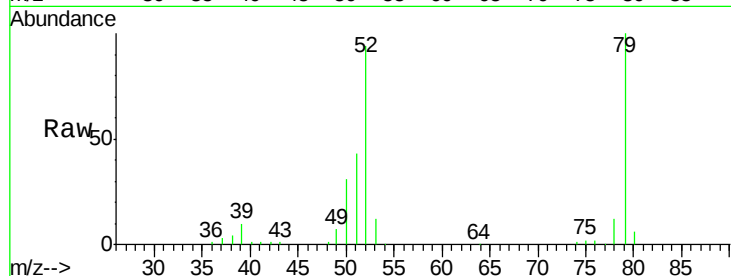
Tot Ion: 79 Resp: 152121

Ion Ratio Lower Upper

79 100

52 94.5 95.1 142.7#

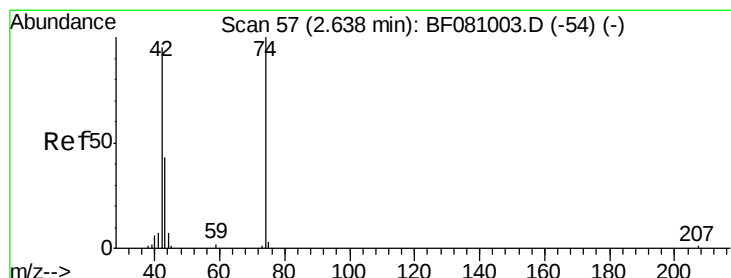
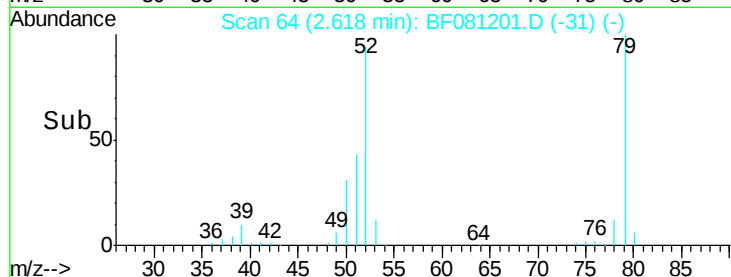
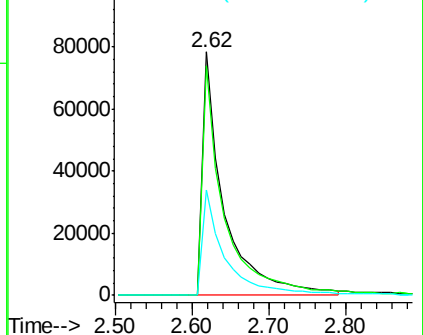
51 43.4 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.26 ng

RT: 2.57 min Scan# 60

Delta R.T. 0.07 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

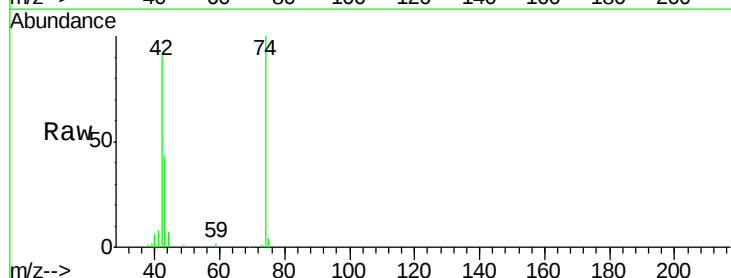
Tgt Ion: 42 Resp: 101245

Ion Ratio Lower Upper

42 100

74 109.9 69.3 103.9#

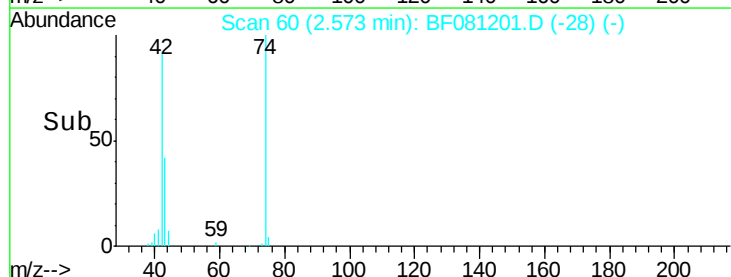
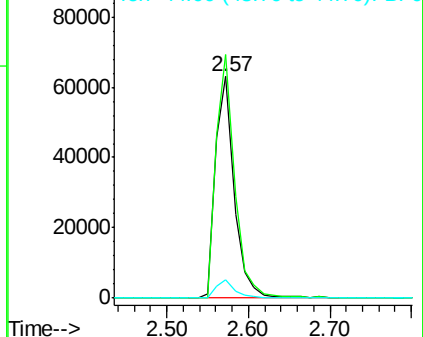
44 8.1 5.5 8.3

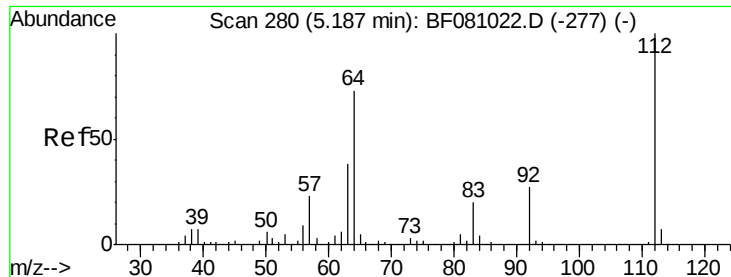


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.83 ng

RT: 5.11 min Scan# 282

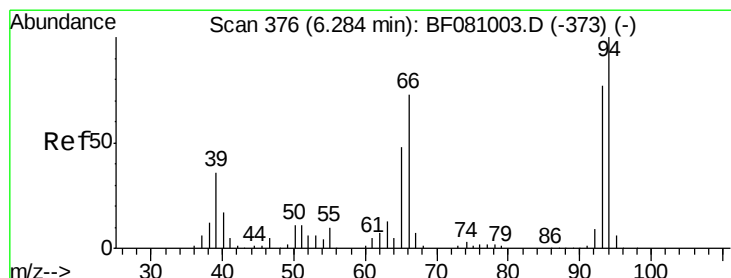
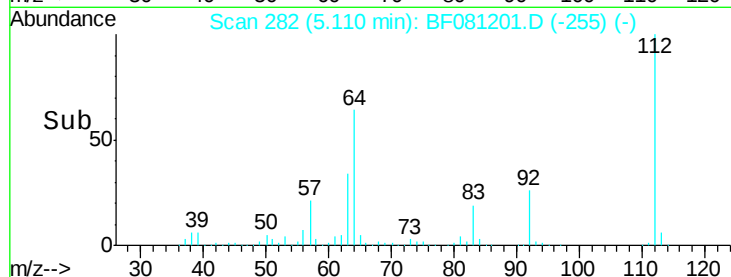
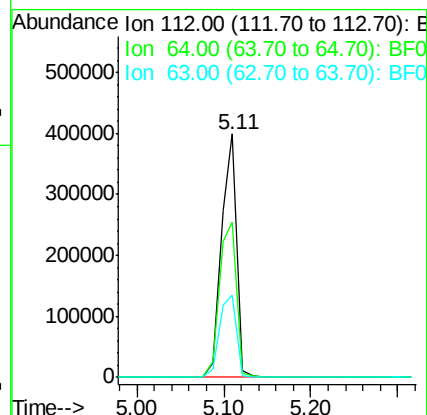
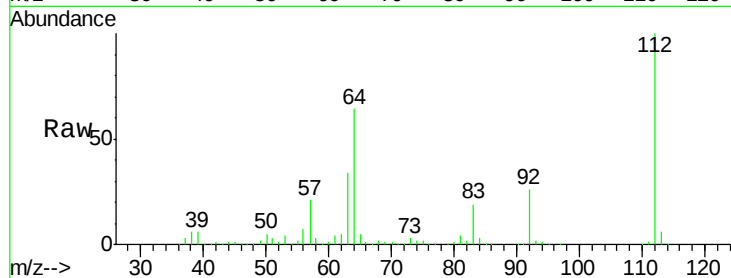
Delta R.T. 0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 112 Resp: 490689
Ion Ratio Lower Upper
112 100
64 63.9 66.9 100.3#
63 33.6 38.1 57.1#



#6

Aniline

Concen: 16.53 ng

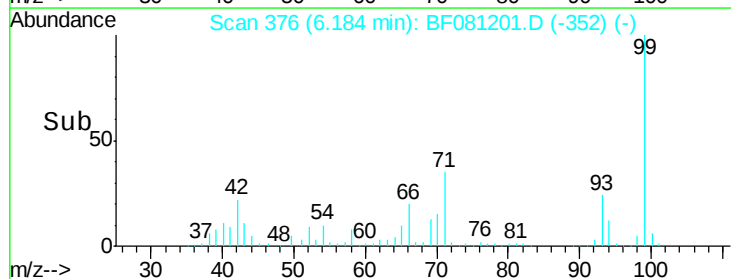
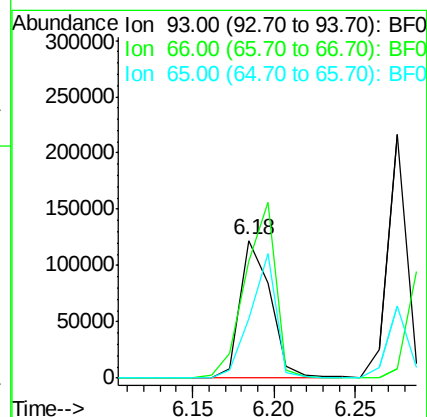
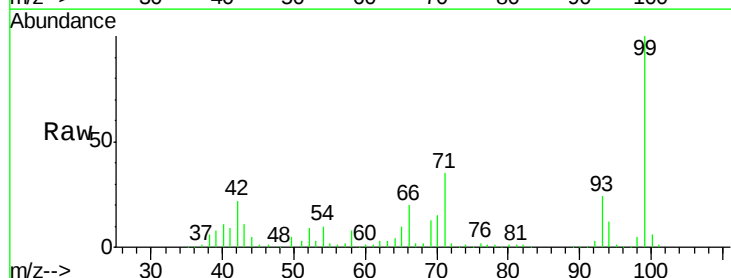
RT: 6.18 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Tgt Ion: 93 Resp: 157328
Ion Ratio Lower Upper
93 100
66 84.7 35.6 53.4#
65 42.9 18.7 28.1#





#7

Phenol-d6

Concen: 93.34 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

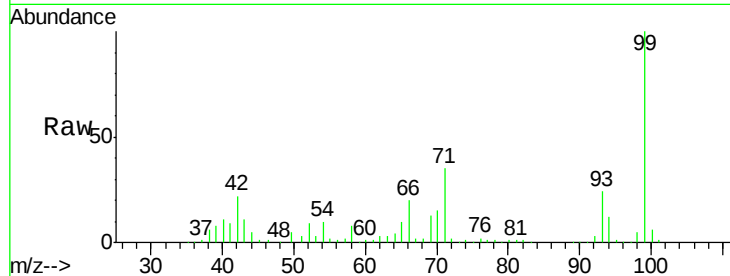
Tot Ion: 99 Resp: 610850

Ion Ratio Lower Upper

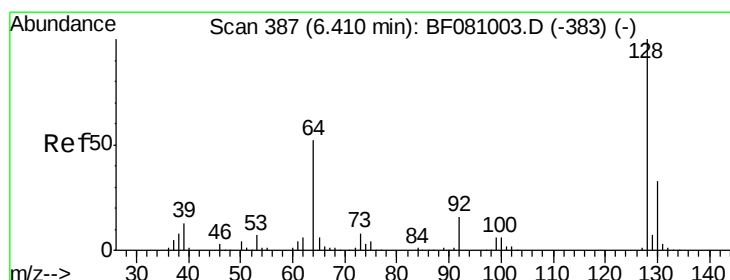
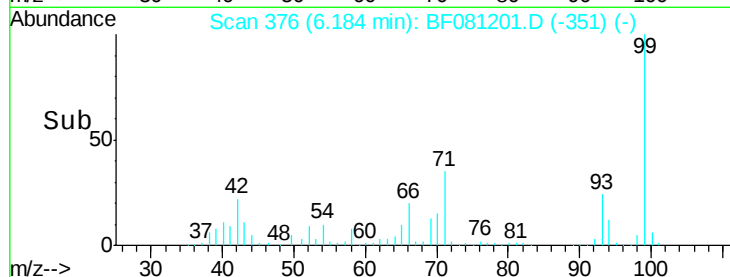
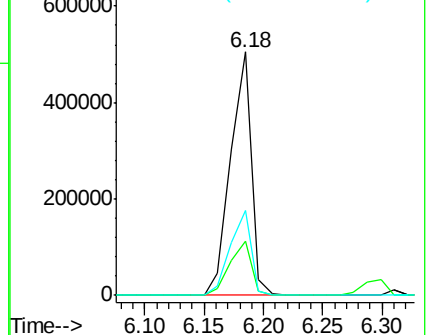
99 100

42 22.2 19.6 29.4

71 35.1 31.2 46.8



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: 30.72 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

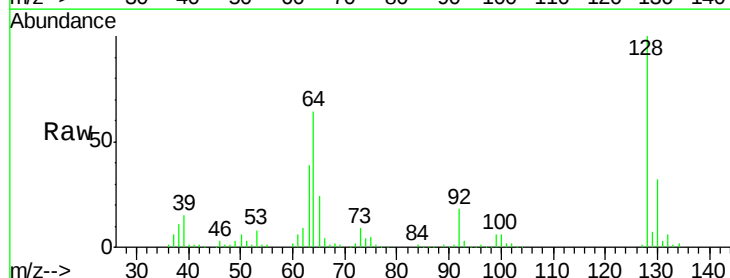
Tgt Ion: 128 Resp: 168632

Ion Ratio Lower Upper

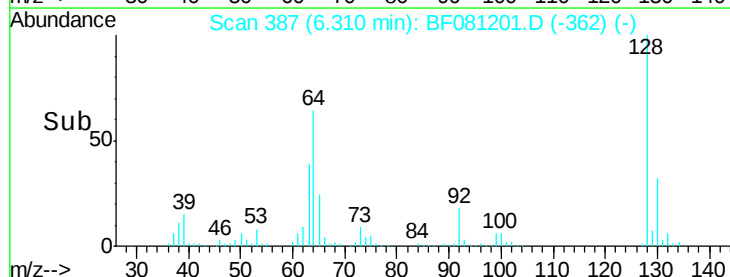
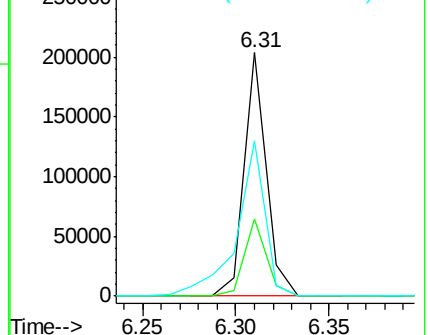
128 100

130 31.7 12.5 52.5

64 63.6 46.8 86.8



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: 8.63 ng

RT: 6.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

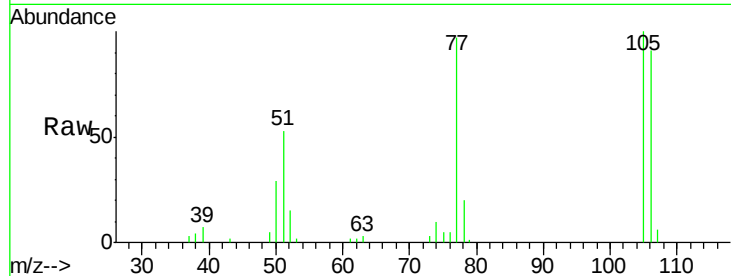
Tot Ion: 77 Resp: 36387

Ion Ratio Lower Upper

77 100

105 103.2 69.6 109.6

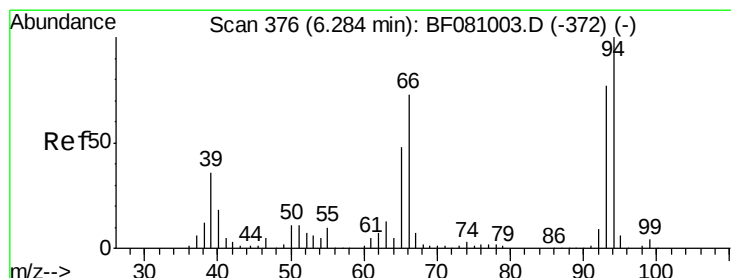
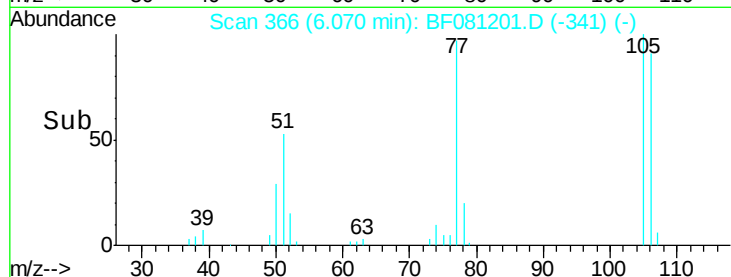
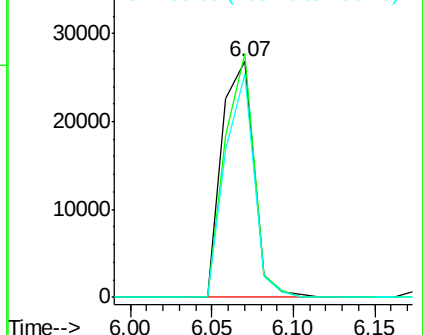
106 94.4 64.0 104.0



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: 32.82 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

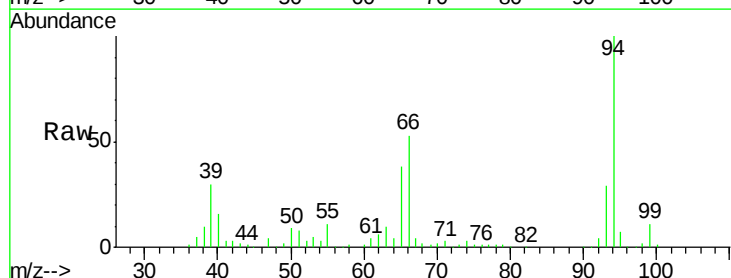
Tgt Ion: 94 Resp: 253637

Ion Ratio Lower Upper

94 100

65 38.0 28.4 68.4

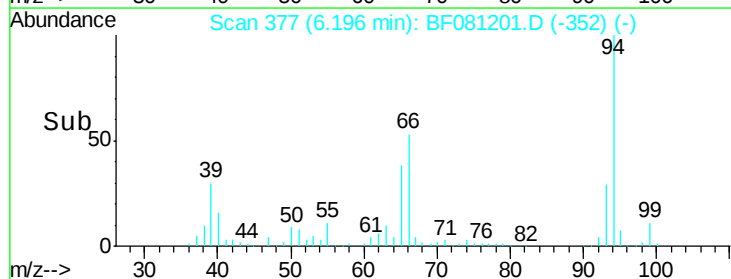
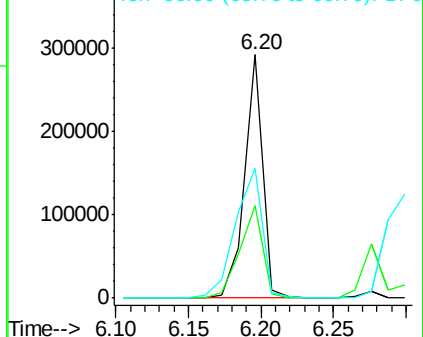
66 53.4 52.3 92.3



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

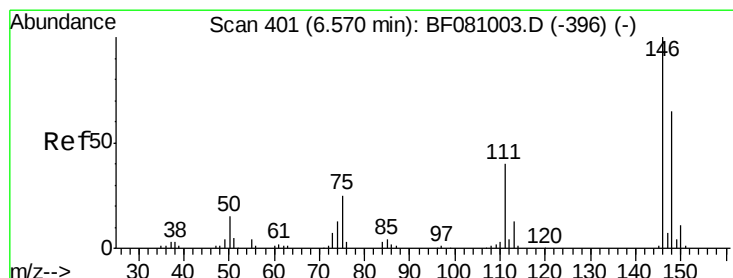
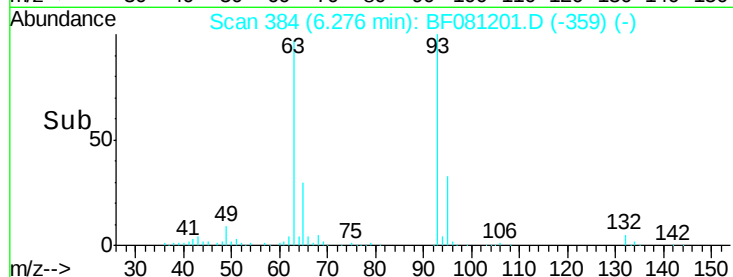
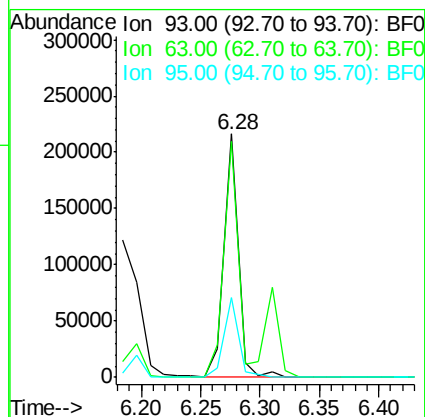
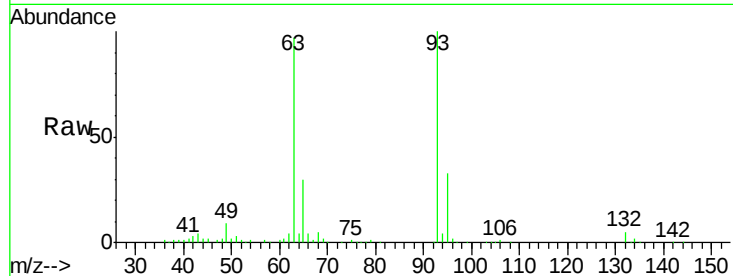




#11
 bis(2-Chloroethyl)ether
 Concen: 30.46 ng
 RT: 6.28 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

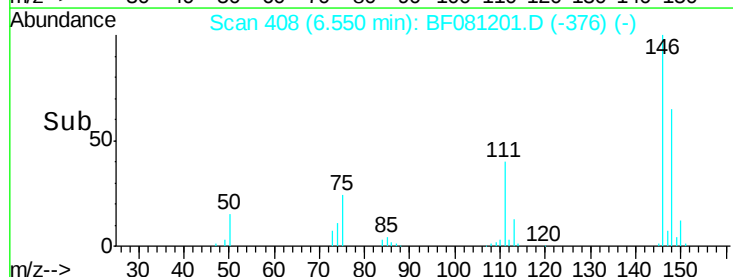
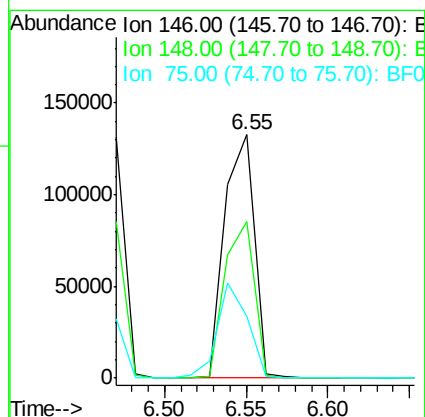
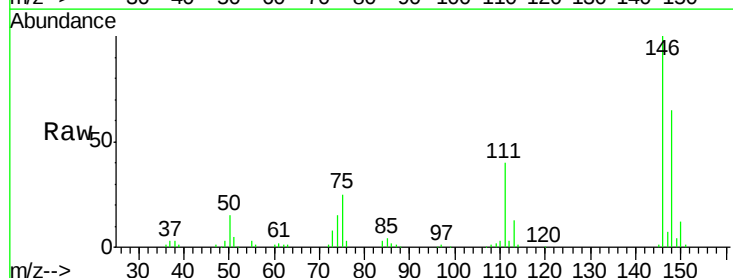
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 180626
 Ion Ratio Lower Upper
 93 100
 63 97.2 69.6 109.6
 95 32.8 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 28.19 ng
 RT: 6.55 min Scan# 408
 Delta R.T. 0.07 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion: 146 Resp: 166318
 Ion Ratio Lower Upper
 146 100
 148 64.5 53.3 79.9
 75 25.4 25.0 37.6

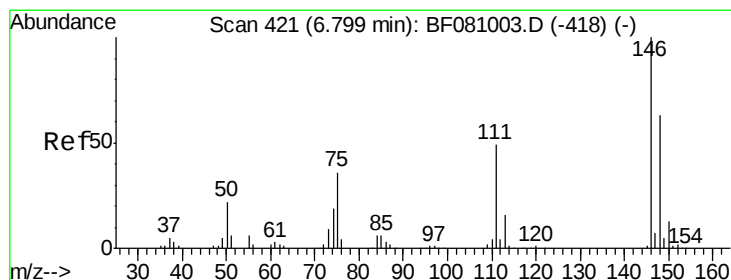
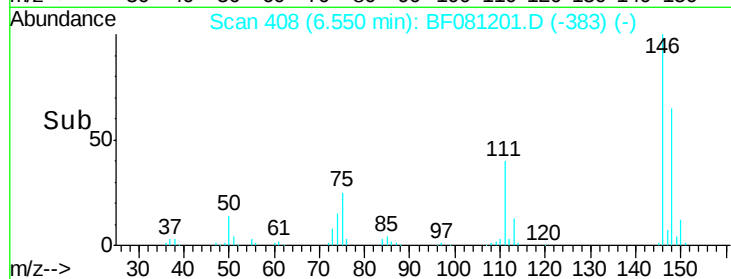
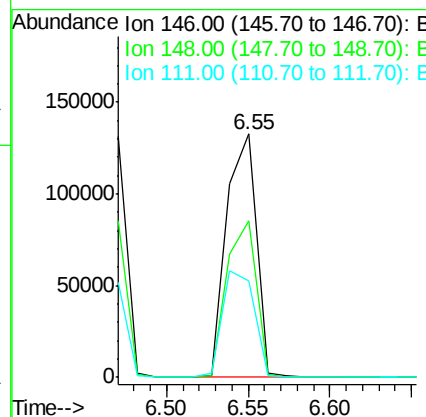
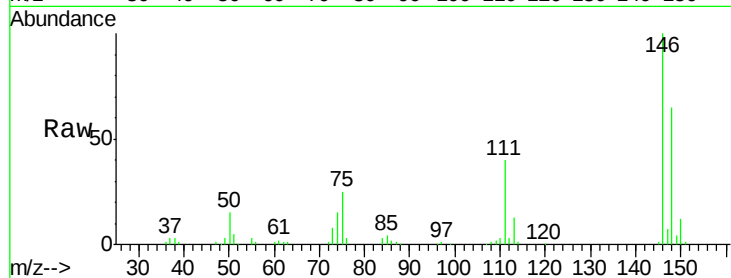




#13
 1,4-Dichlorobenzene
 Concen: 28.47 ng
 RT: 6.55 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

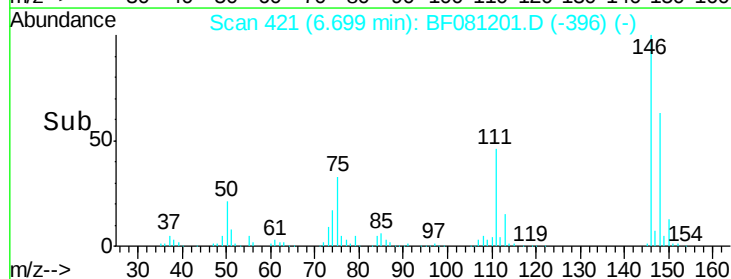
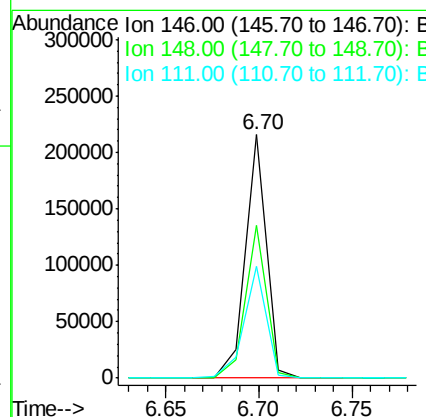
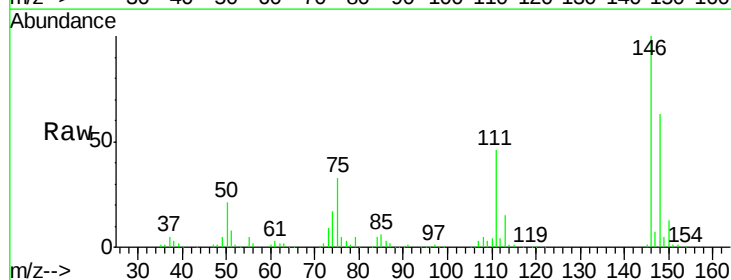
Instrument :
 BNA_F
 ClientSampleId :

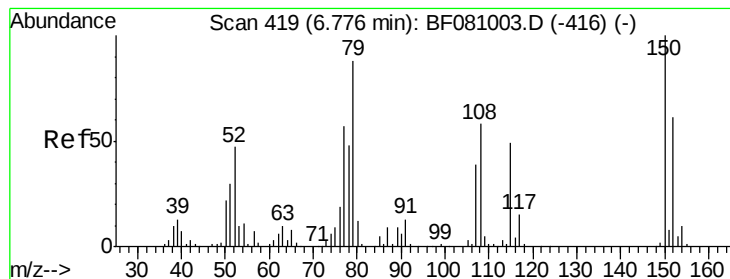
Tot Ion:146 Resp: 166318
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 39.8 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 31.15 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:146 Resp: 170314
 Ion Ratio Lower Upper
 146 100
 148 62.8 48.7 73.1
 111 46.0 42.3 63.5





#15

Benzyl Alcohol

Concen: 31.42 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

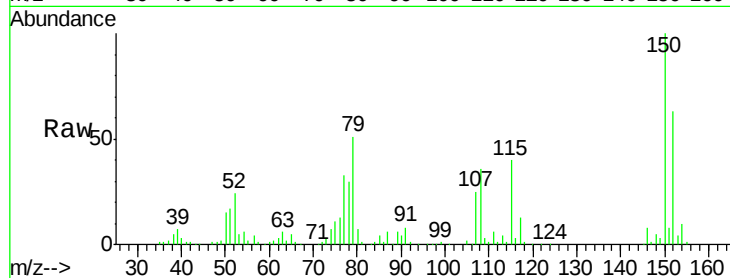
Tot Ion: 79 Resp: 166336

Ion Ratio Lower Upper

79 100

108 71.5 49.4 74.2

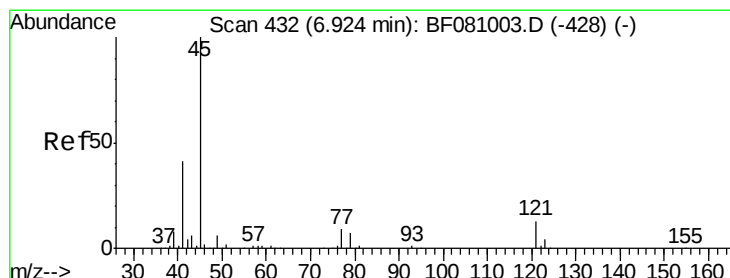
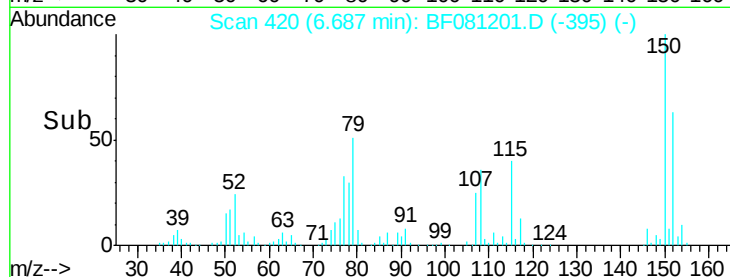
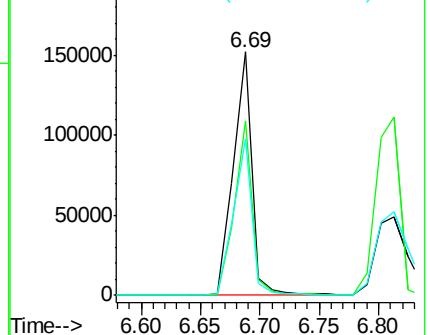
77 64.2 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.18 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

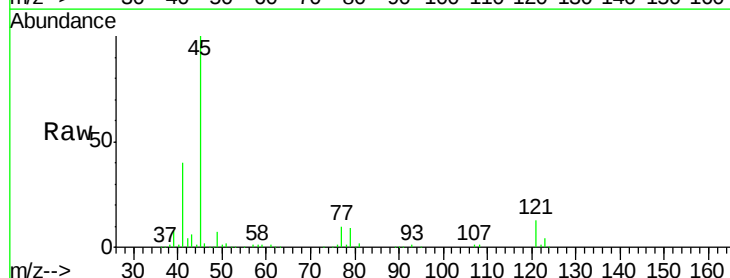
Tgt Ion: 45 Resp: 328443

Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.2

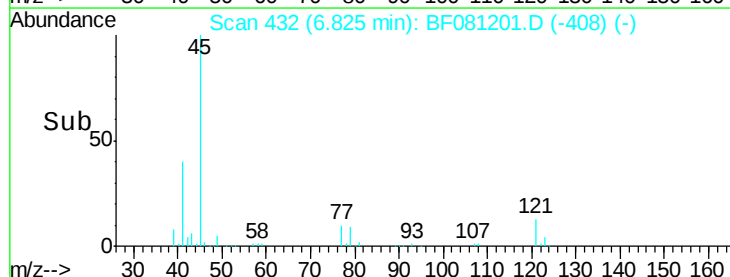
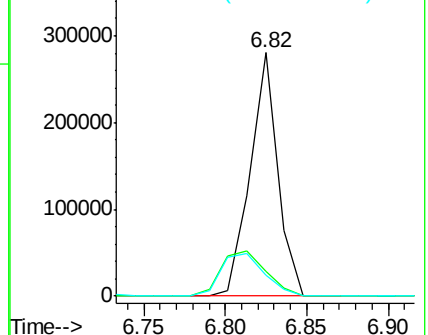
79 8.5 0.0 28.0

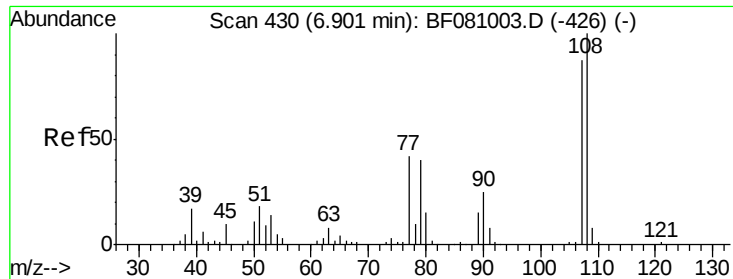


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 29.40 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 138490

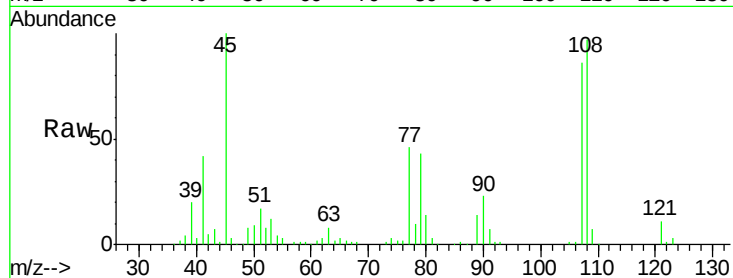
Ion Ratio Lower Upper

107 100

108 112.5 90.4 135.6

77 53.0 46.5 69.7

79 49.7 46.3 69.5

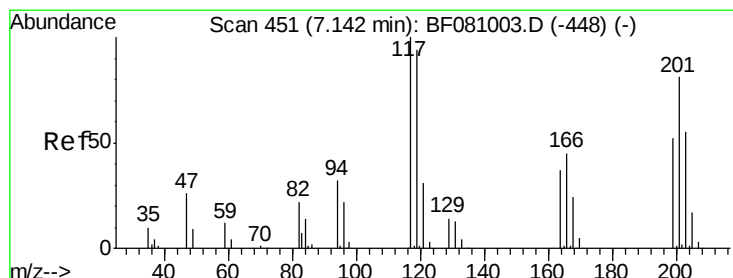
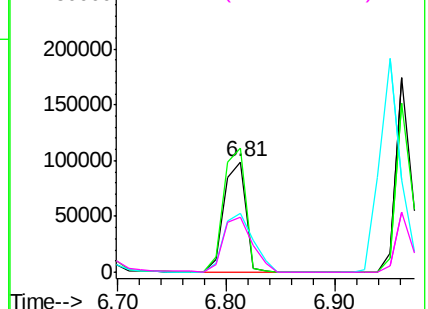
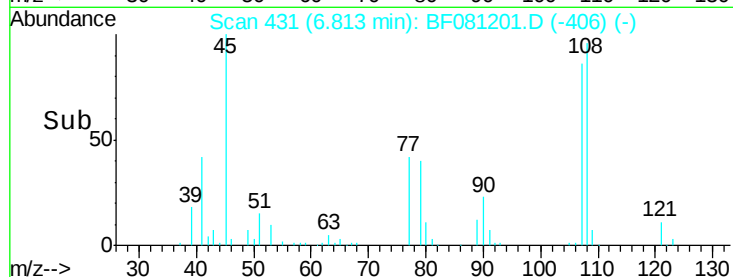


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.49 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

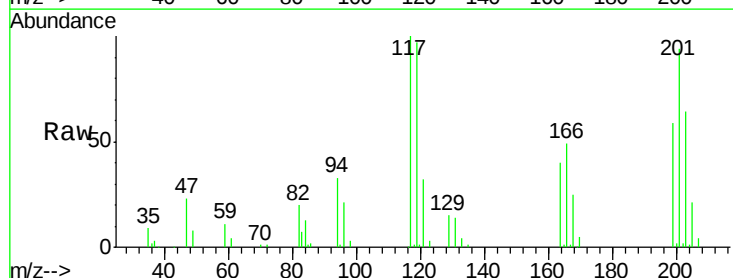
Tgt Ion:117 Resp: 69604

Ion Ratio Lower Upper

117 100

119 97.1 77.9 116.9

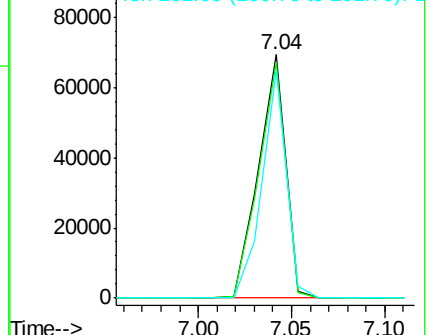
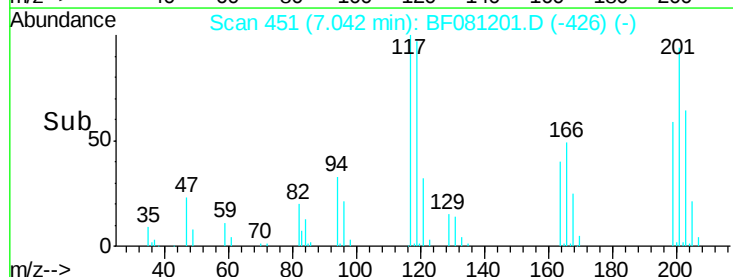
201 93.8 61.3 91.9#

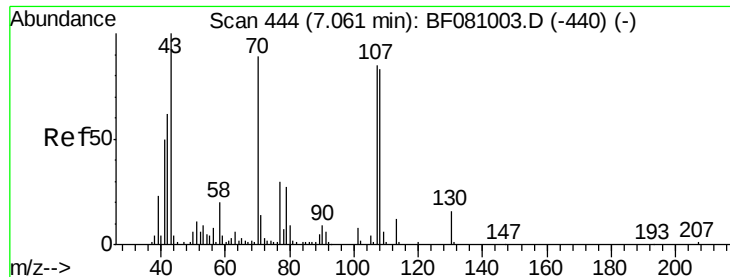


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

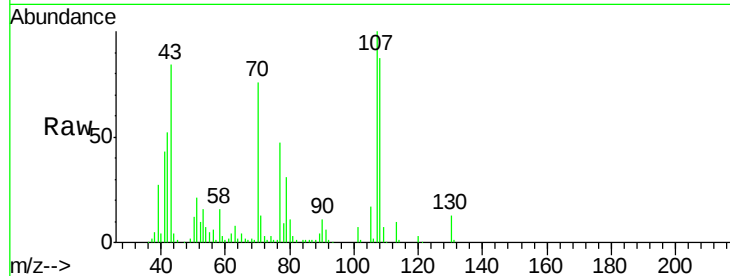




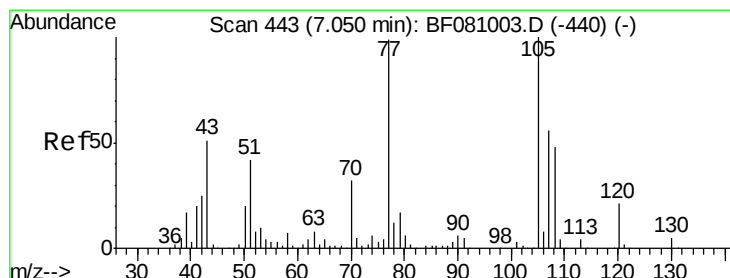
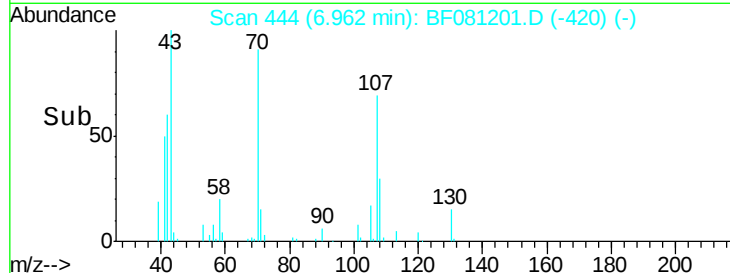
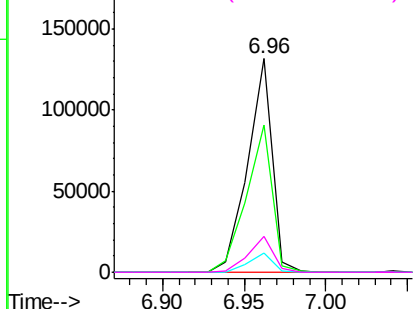
#19
n-Nitroso-di-n-propylamine
Concen: 30.34 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	137542
Ion	Ratio	Lower	Upper
70	100		
42	69.1	65.0	97.4
101	8.8	7.4	11.2
130	16.9	13.0	19.4

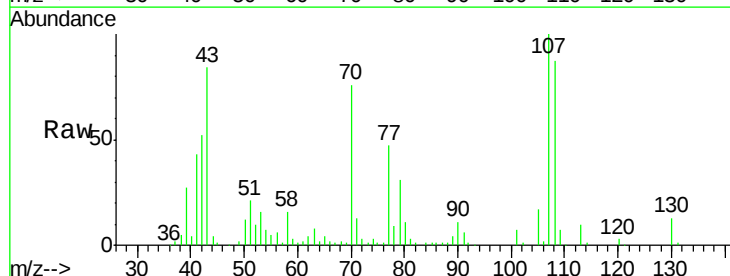


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

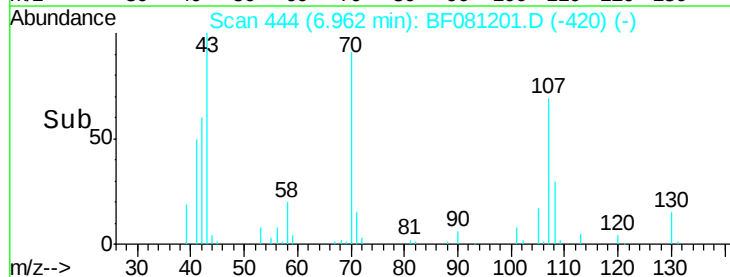
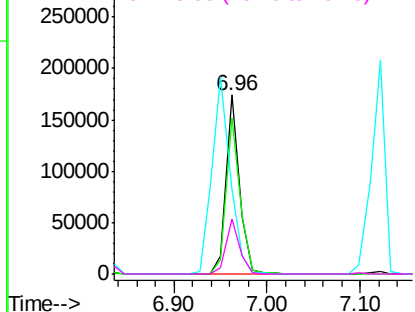


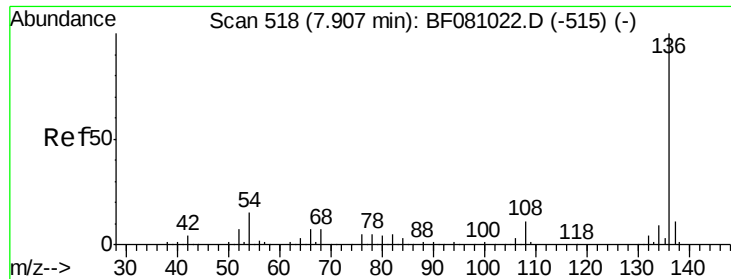
#20
3+4-Methylphenols
Concen: 29.12 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:	107	Resp:	174107
Ion	Ratio	Lower	Upper
107	100		
108	87.2	66.1	106.1
77	47.5	139.3	179.3#
79	30.9	11.9	51.9



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

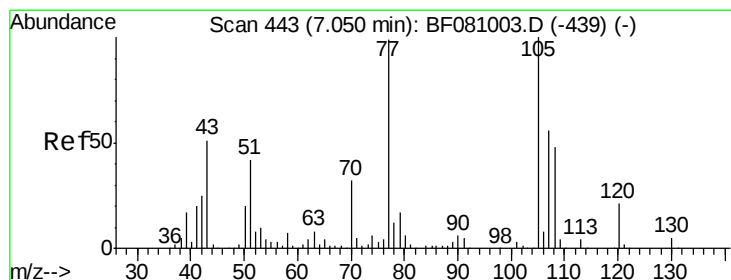
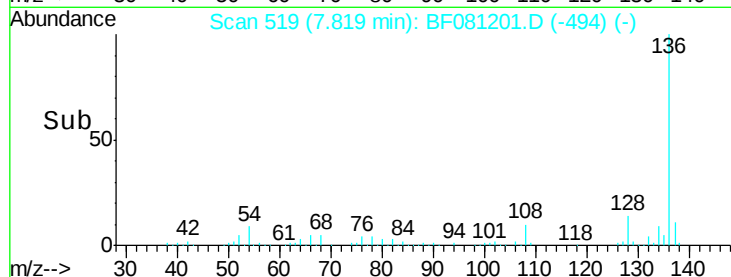
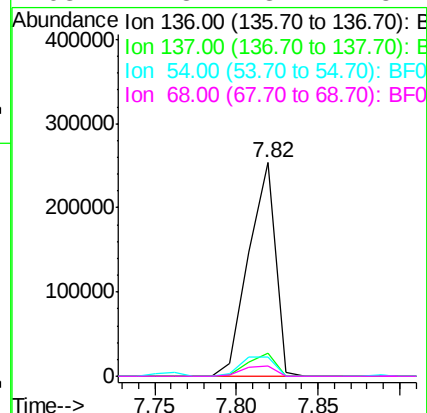
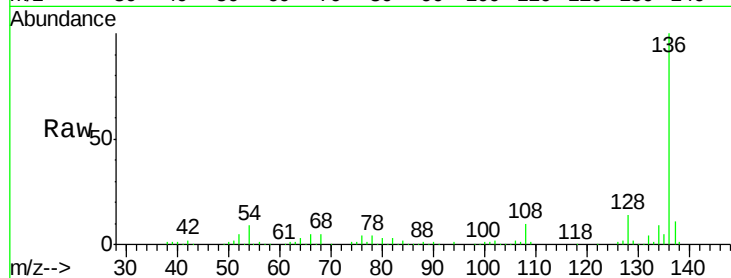




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

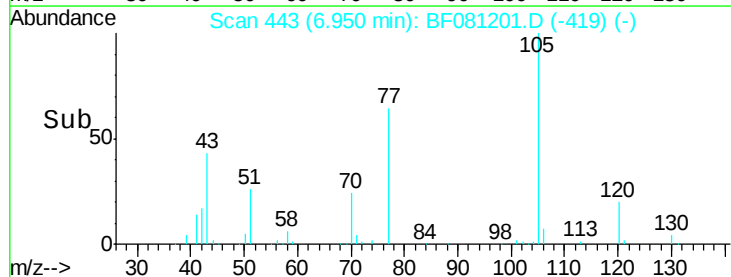
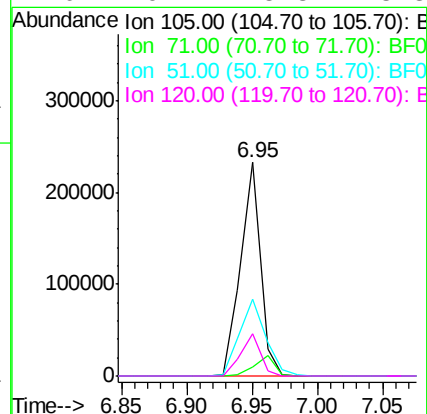
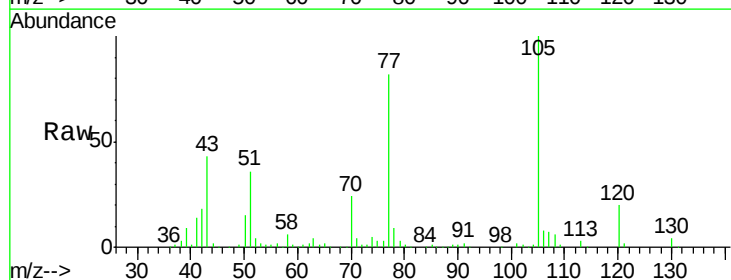
Instrument :
BNA_F
ClientSampleId :

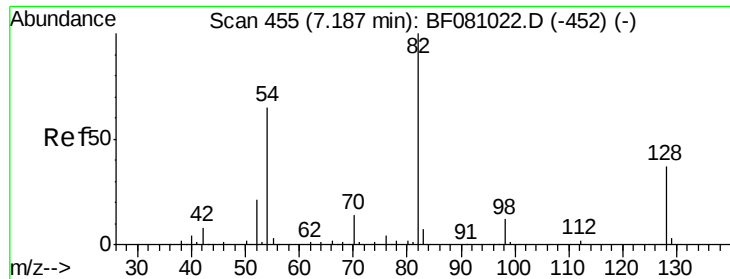
Tot Ion:136	Resp:	289413
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	8.9	7.7 11.5
68	4.8	3.4 5.2



#22
Acetophenone
Concen: 32.53 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:105	Resp:	247137
Ion Ratio	Lower	Upper
105	100	
71	4.0	3.0 4.6
51	35.8	39.8 59.8#
120	19.7	15.8 23.8

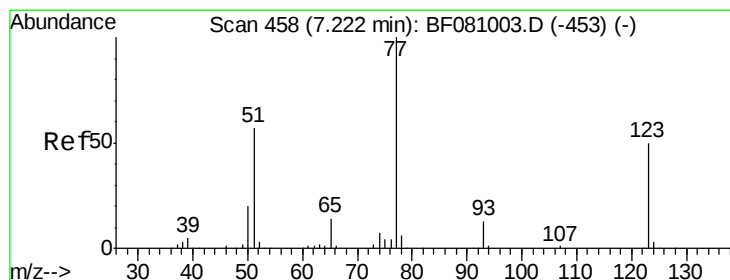
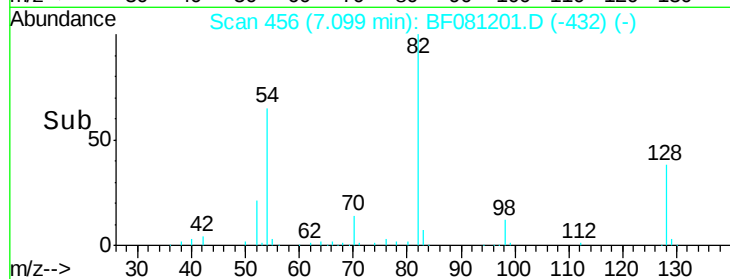
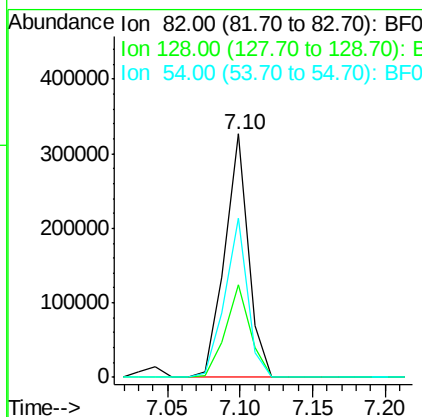
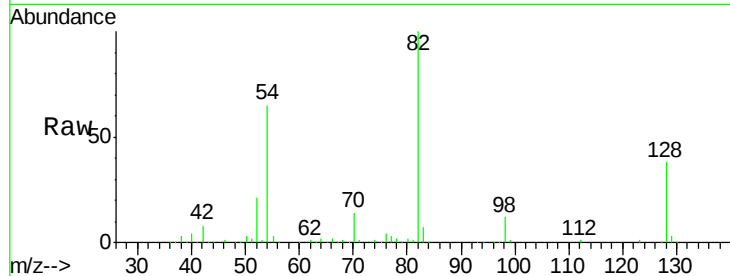




#23
 Nitrobenzene-d5
 Concen: 58.33 ng
 RT: 7.10 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

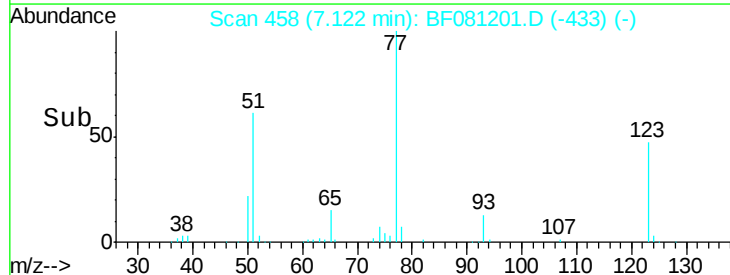
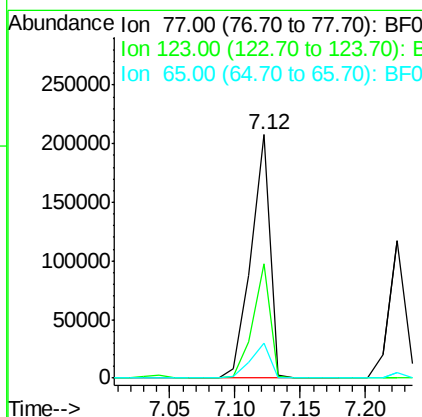
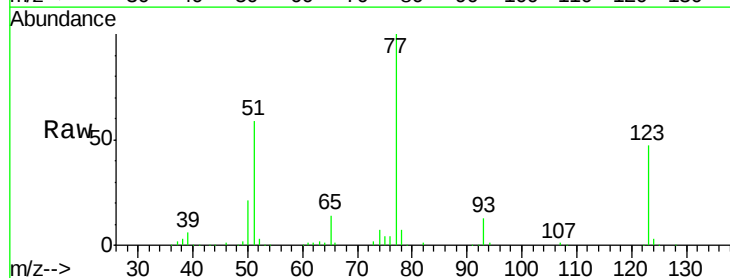
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	369531
Ion	Ratio	Lower	Upper
82	100		
128	38.2	28.6	42.8
54	65.3	55.1	82.7



#24
 Nitrobenzene
 Concen: 31.93 ng
 RT: 7.12 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion	77	Resp	211544
Ion	Ratio	Lower	Upper
77	100		
123	47.2	32.9	49.3
65	14.4	12.5	18.7





#25

Isophorone

Concen: 29.23 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

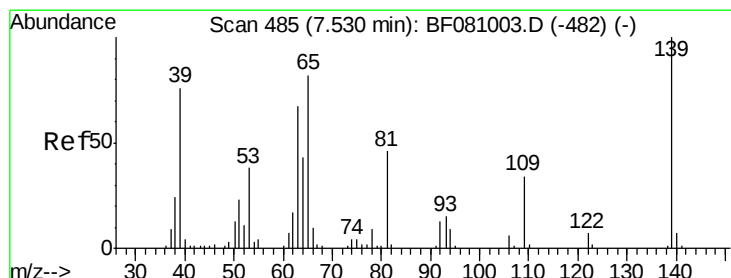
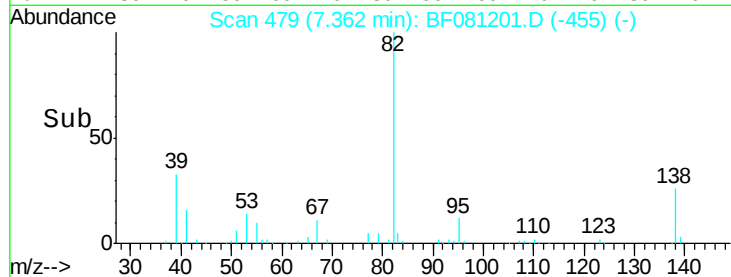
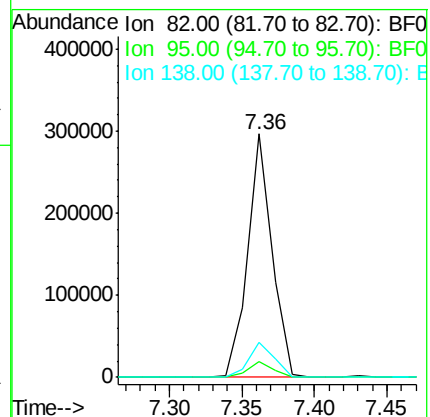
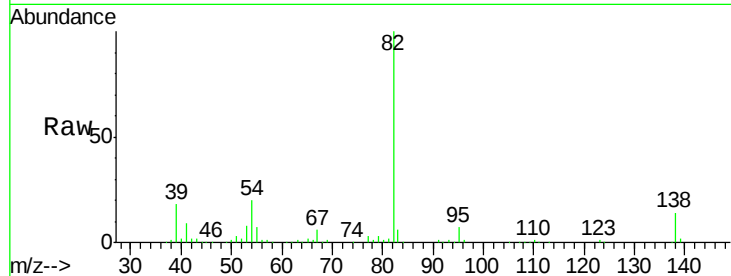
Tot Ion: 82 Resp: 345386

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

138 14.1 10.5 15.7



#26

2-Nitrophenol

Concen: 30.54 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

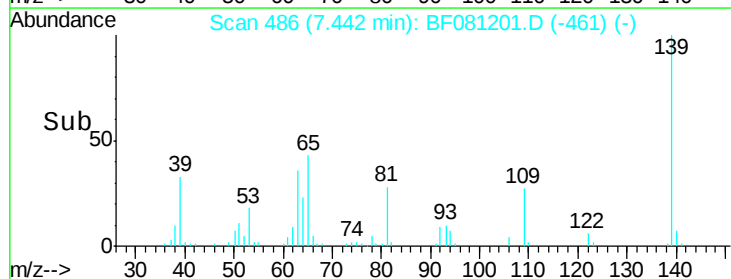
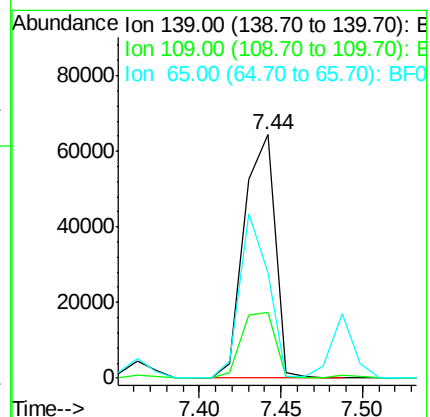
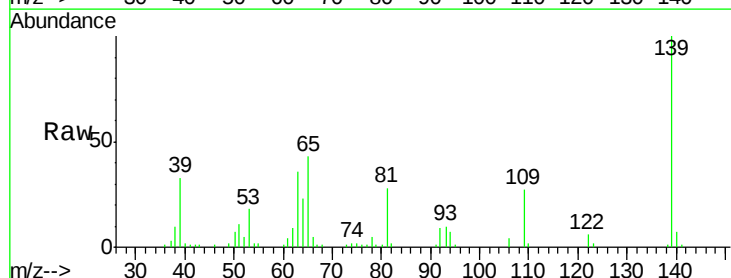
Tgt Ion: 139 Resp: 84124

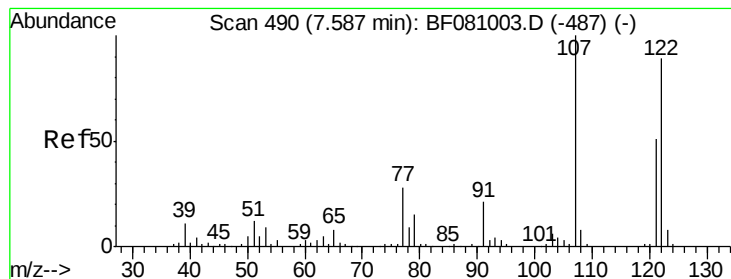
Ion Ratio Lower Upper

139 100

109 26.9 32.1 48.1#

65 43.5 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 28.98 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

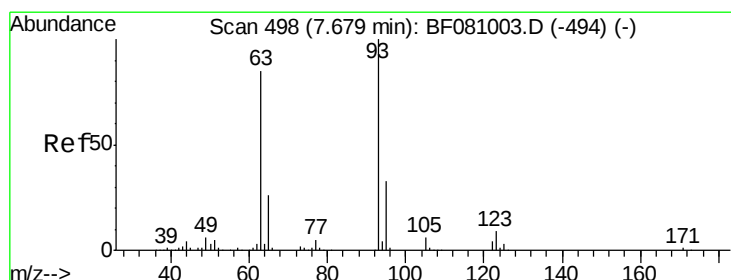
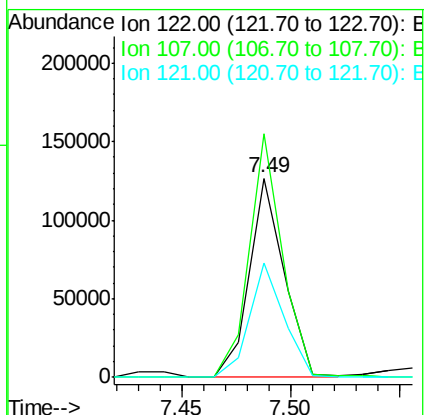
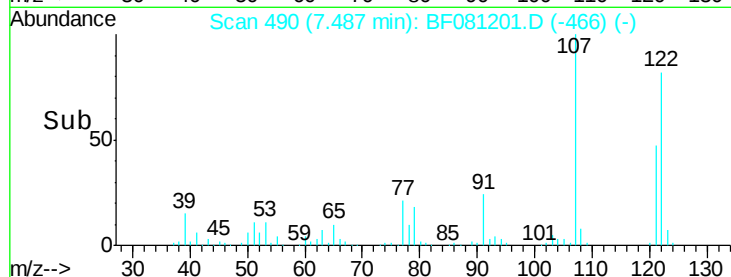
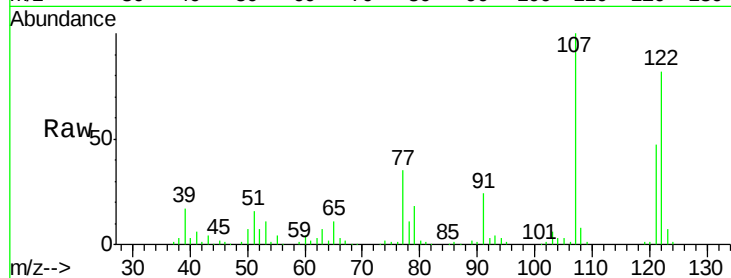
Tot Ion:122 Resp: 141242

Ion Ratio Lower Upper

122 100

107 122.3 103.8 155.6

121 57.5 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 30.75 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

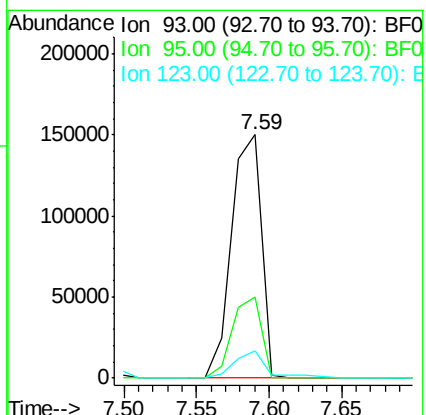
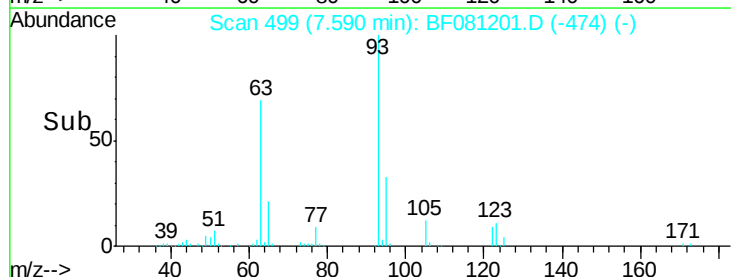
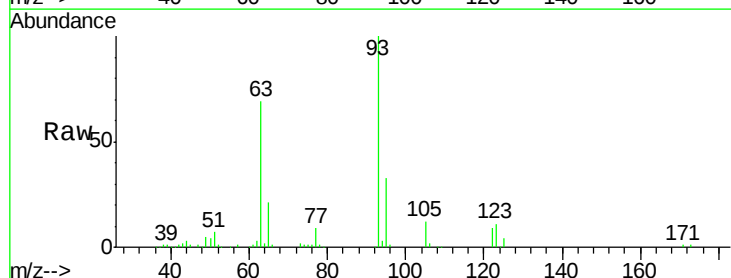
Tgt Ion: 93 Resp: 214633

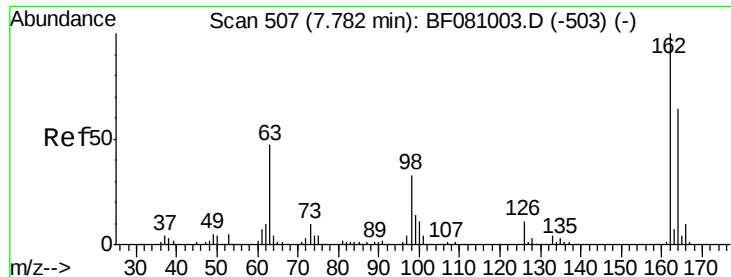
Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

123 11.2 7.4 11.0#

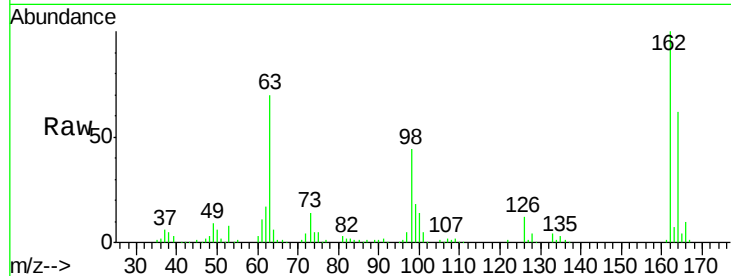




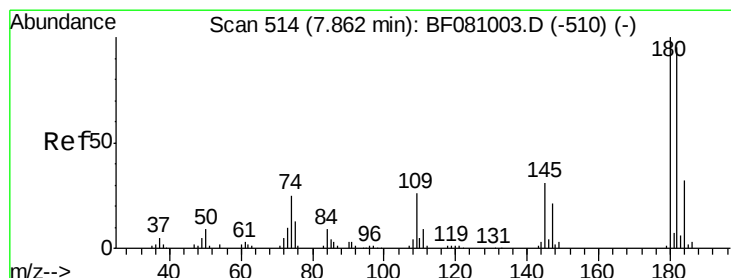
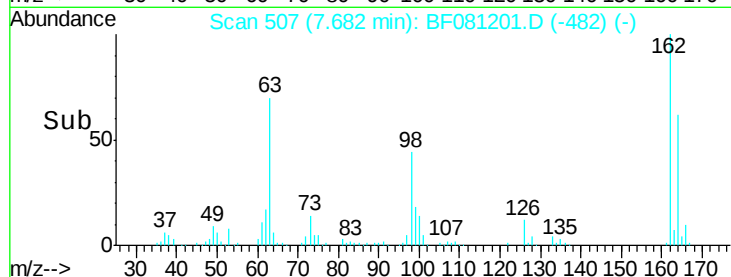
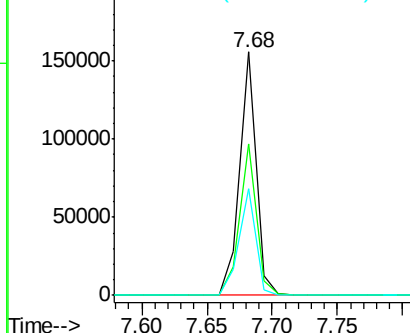
#29
 2,4-Dichlorophenol
 Concen: 33.43 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	43.2	83.2
98	43.9	12.3	52.3

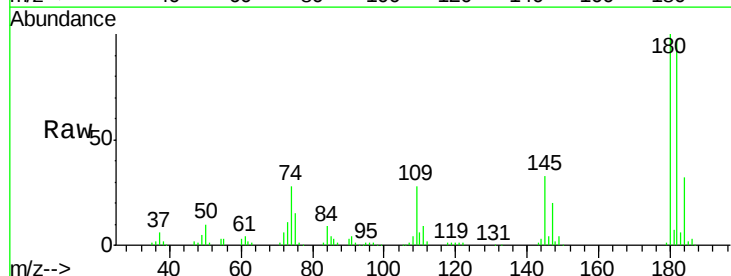


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

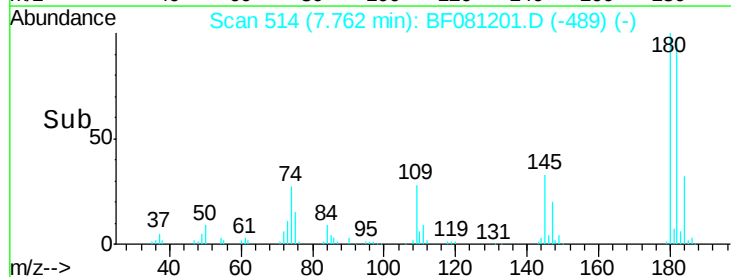
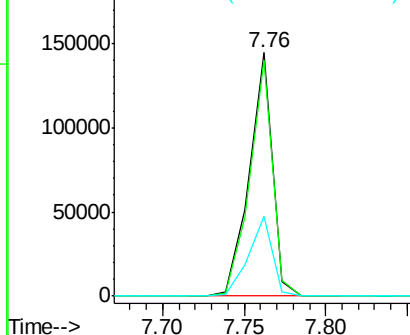


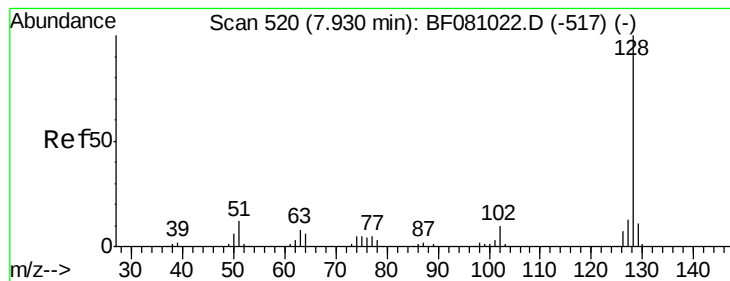
#30
 1,2,4-Trichlorobenzene
 Concen: 31.11 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.4	114.6
145	32.6	25.4	38.2



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





#31

Naphthalene

Concen: 28.56 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

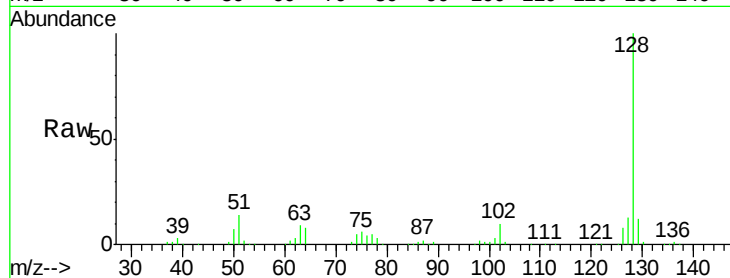
Tot Ion:128 Resp: 460696

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

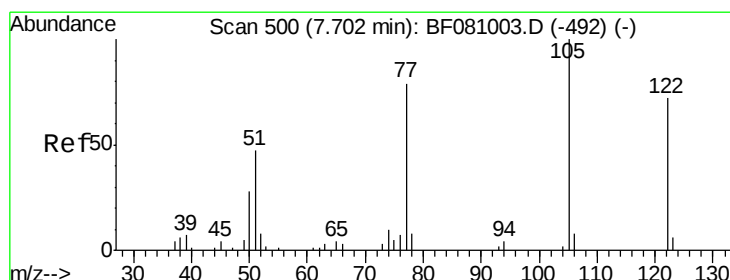
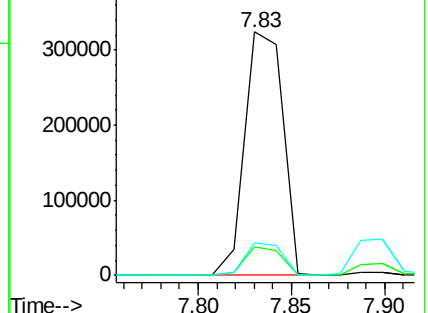
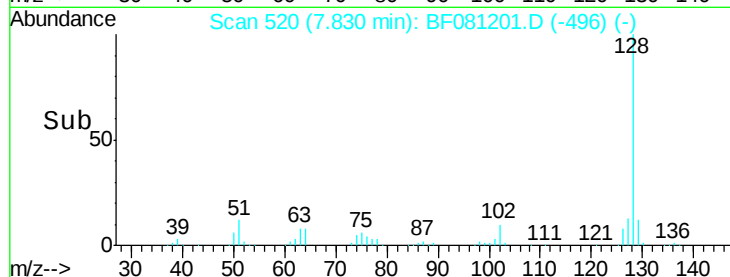
127 13.5 10.6 16.0



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: 31.71 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

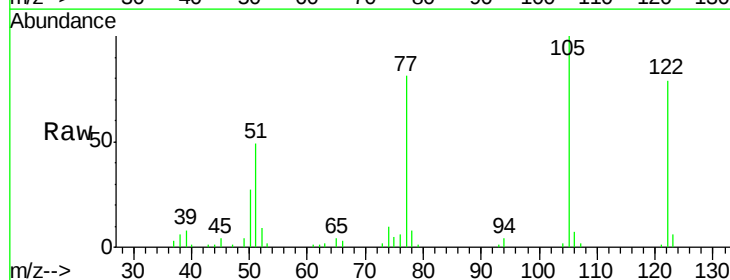
Tgt Ion:122 Resp: 86936

Ion Ratio Lower Upper

122 100

105 126.0 113.8 153.8

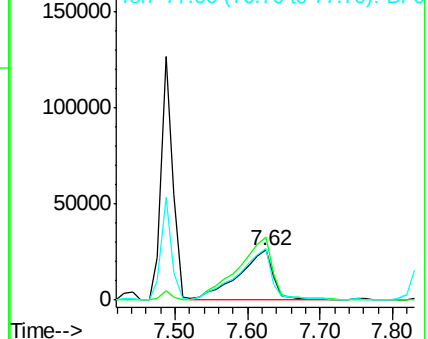
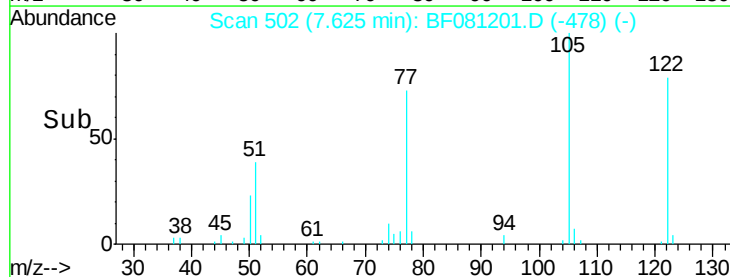
77 102.4 93.8 133.8



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

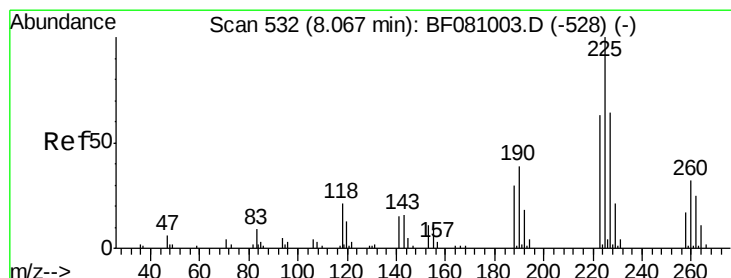
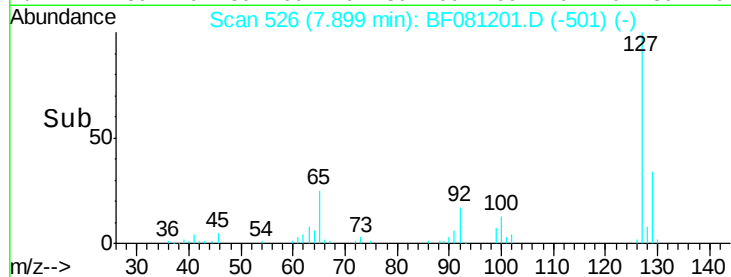
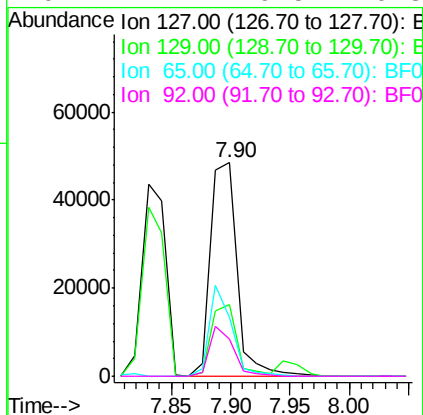
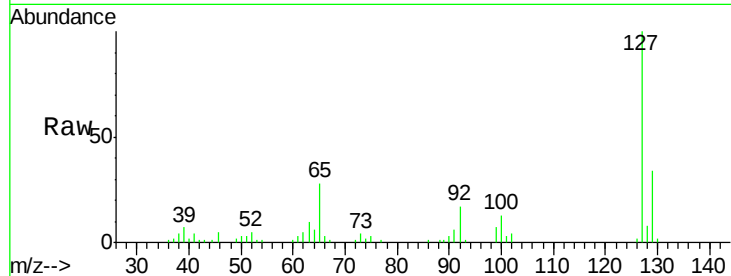




#33
 4-Chloroaniline
 Concen: 11.08 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

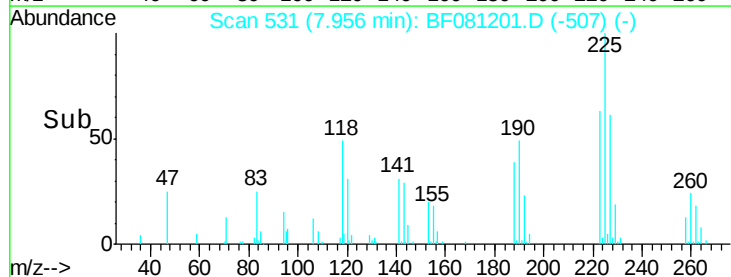
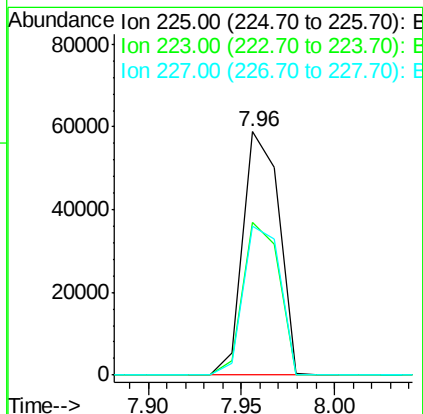
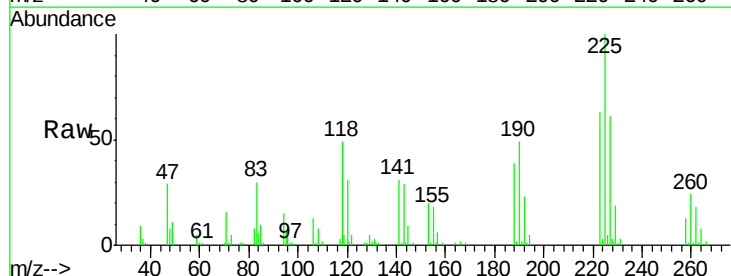
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	75410
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.2	37.8
65	27.6	37.8	56.6#
92	17.4	19.5	29.3#



#34
 Hexachlorobutadiene
 Concen: 30.58 ng
 RT: 7.96 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:	225	Resp:	78856
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.6	79.0
227	61.4	51.1	76.7

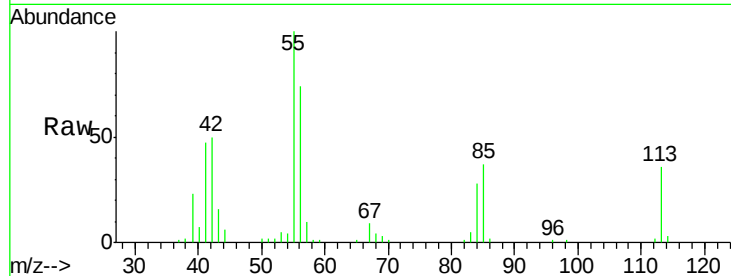




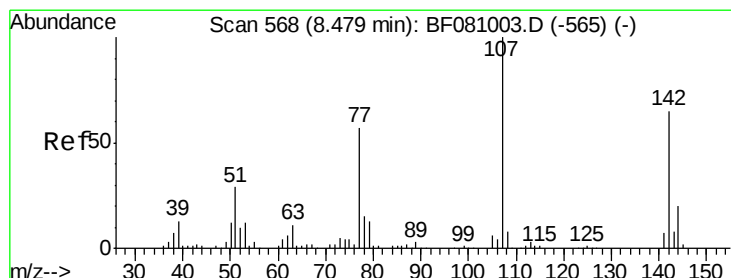
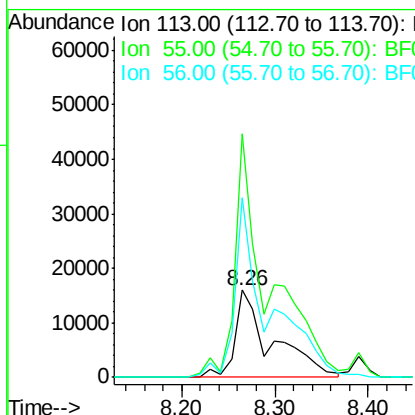
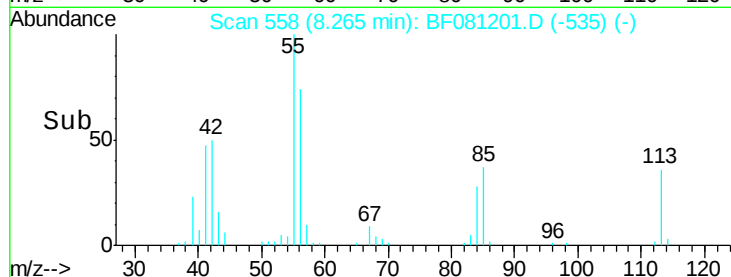
#35
 Caprolactam
 Concen: 30.85 ng
 RT: 8.26 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 44237
 Ion Ratio Lower Upper
 113 100
 55 279.8 280.4 320.4#
 56 205.8 205.9 245.9#

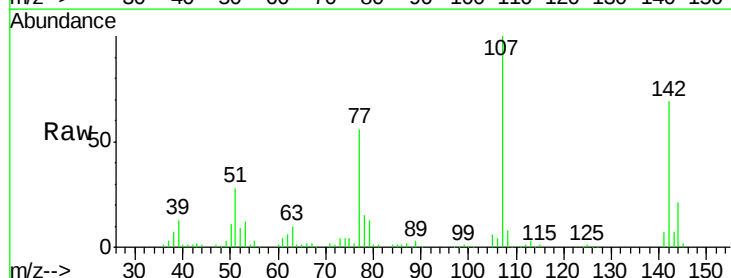


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

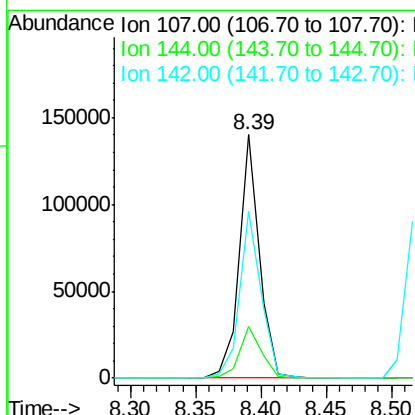
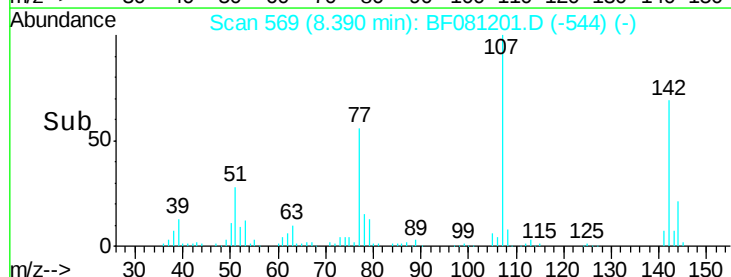


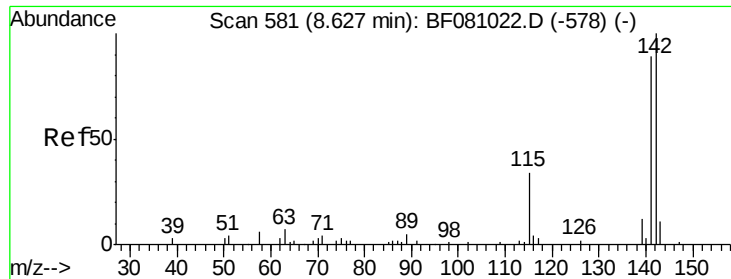
#36
 4-Chloro-3-methylphenol
 Concen: 30.61 ng
 RT: 8.39 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:107 Resp: 149690
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.2 25.8
 142 68.7 54.9 82.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

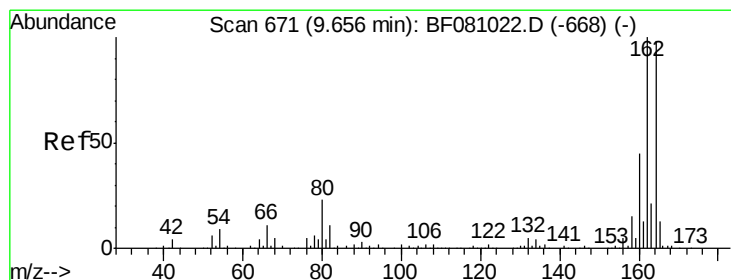
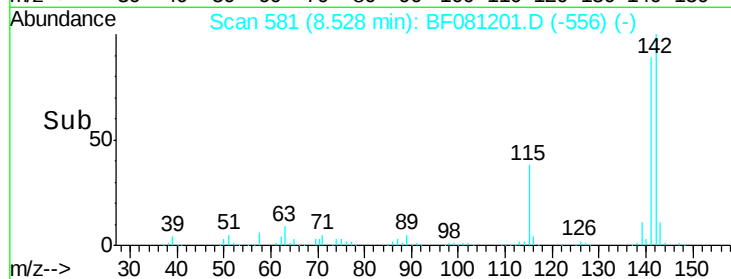
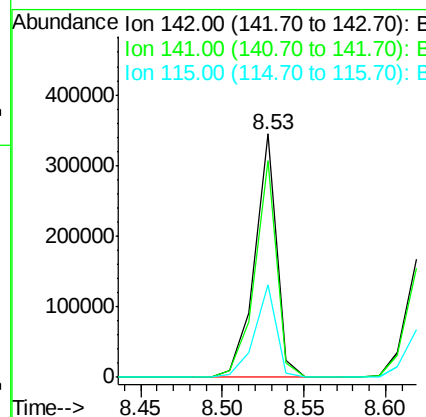
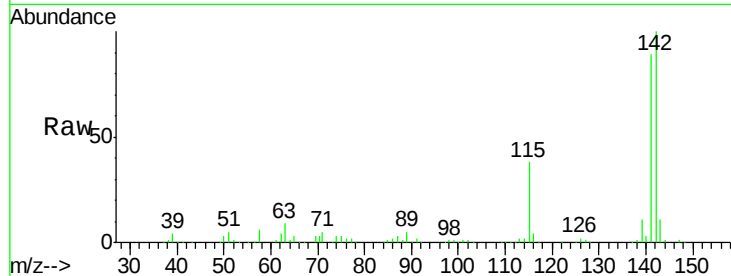




#37
2-Methylnaphthalene
Concen: 31.64 ng
RT: 8.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

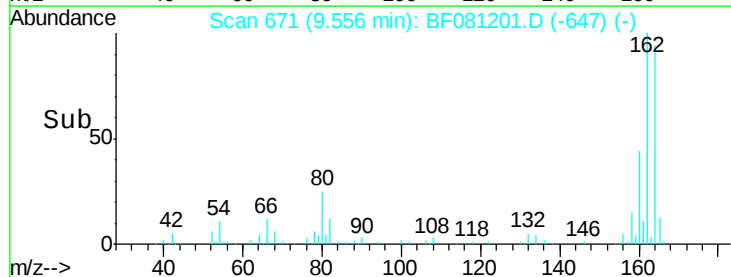
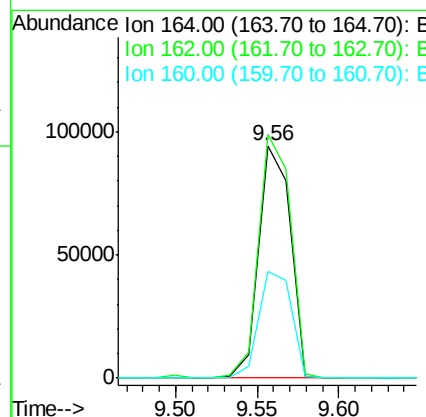
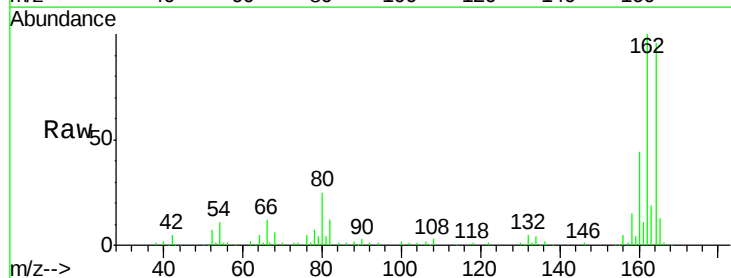
Instrument :
BNA_F
ClientSampleId :

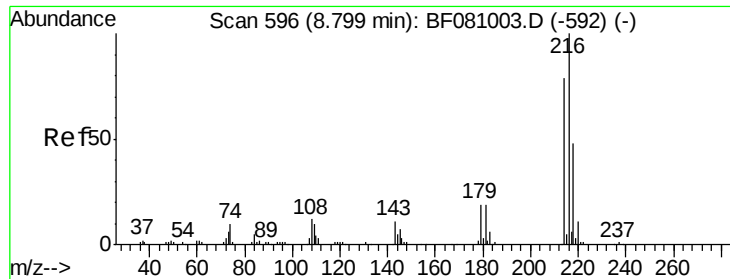
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	37.8	33.4	50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.8	125.8
160	45.6	39.8	59.8

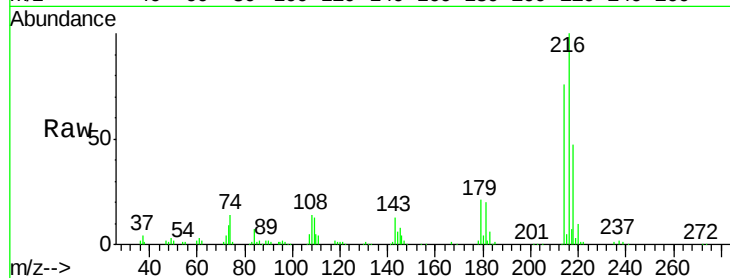




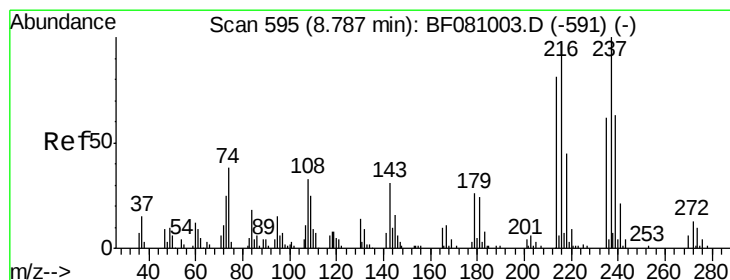
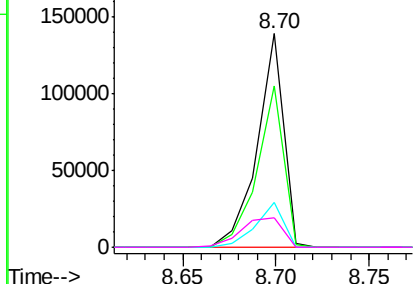
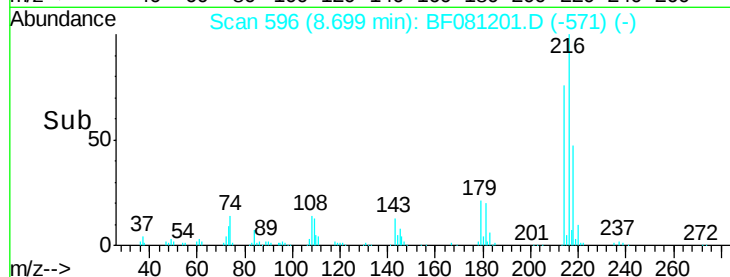
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.85 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	135495
Ion Ratio	Lower	Upper
216	100	
214	76.7	63.8 95.8
179	22.1	17.8 26.8
108	22.1	16.2 24.2

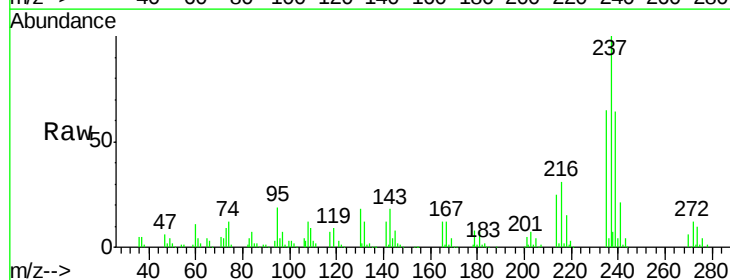


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

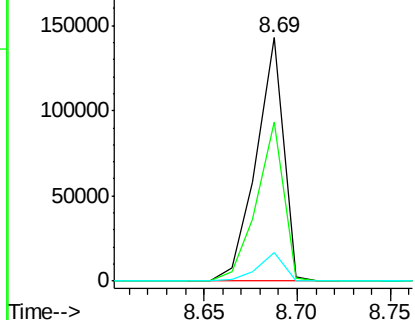
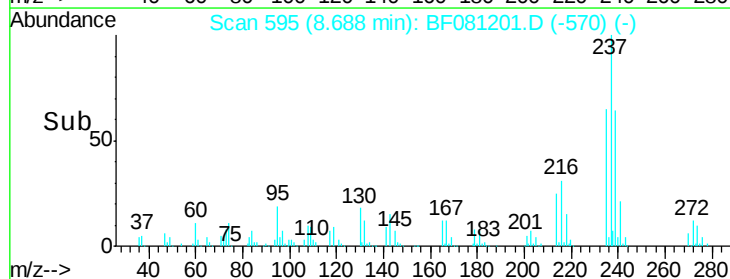


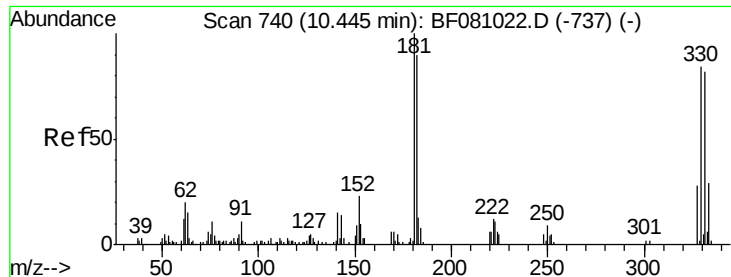
#40
 Hexachlorocyclopentadiene
 Concen: 67.81 ng
 RT: 8.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:237	Resp:	144780
Ion Ratio	Lower	Upper
237	100	
235	65.4	43.6 83.6
272	11.9	0.0 32.2



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: 88.01 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

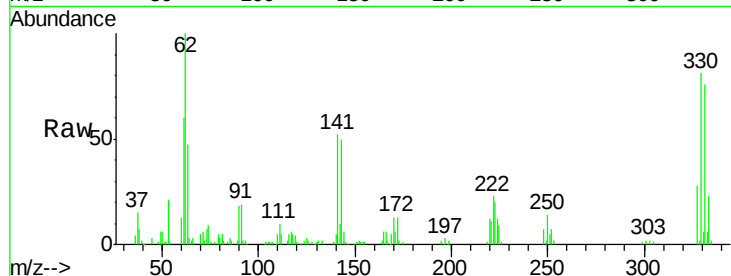
Tot Ion:330 Resp: 97539

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

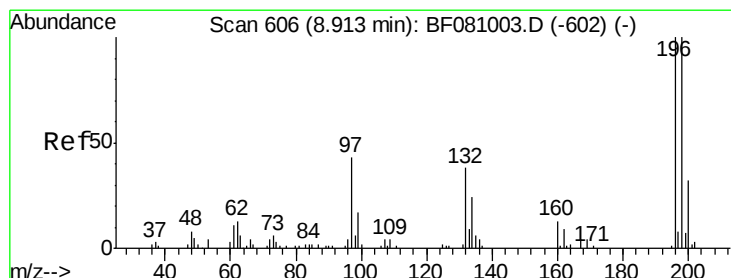
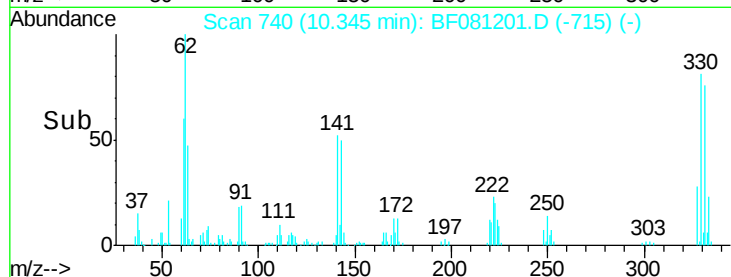
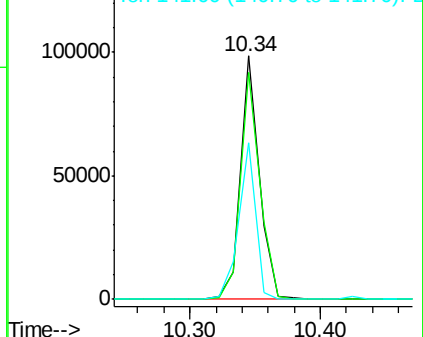
141 58.4 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 31.49 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

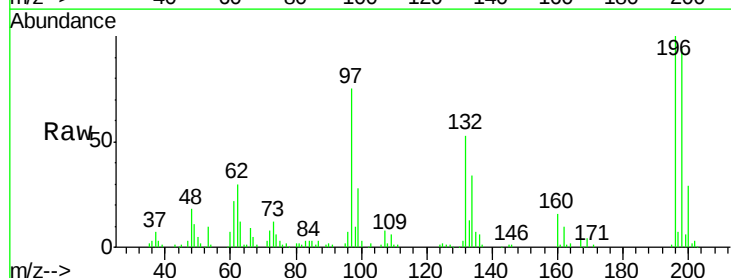
Tgt Ion:196 Resp: 91776

Ion Ratio Lower Upper

196 100

198 93.7 74.6 111.8

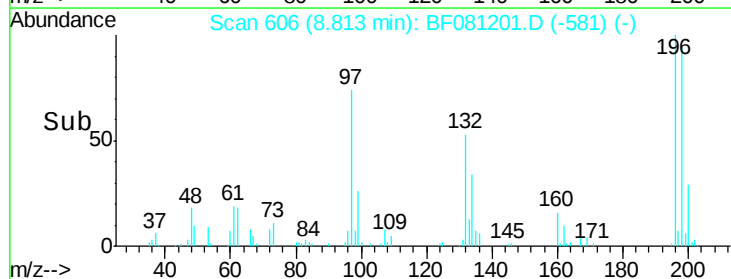
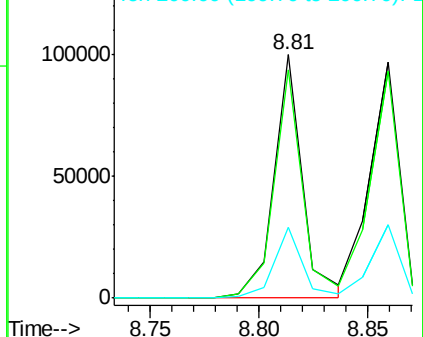
200 28.9 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

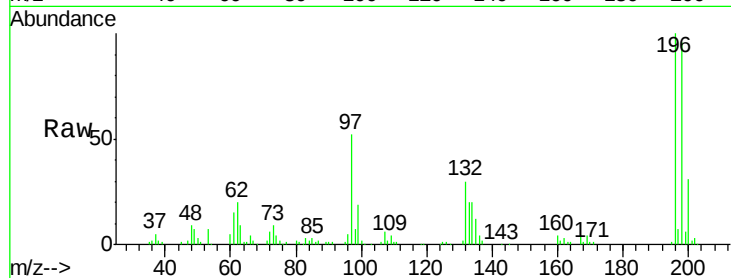




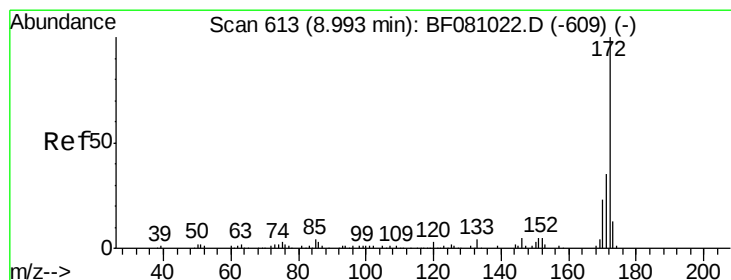
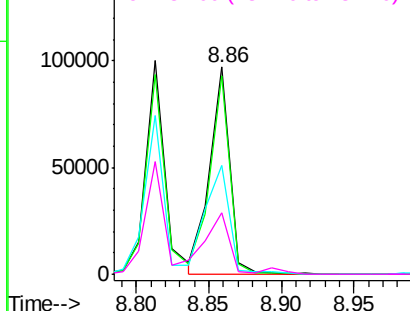
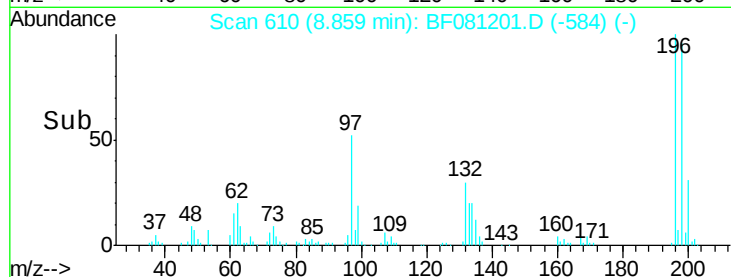
#43
 2,4,5-Trichlorophenol
 Concen: 32.01 ng
 RT: 8.86 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 93219
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.3 117.5
 97 52.4 42.7 64.1
 132 29.8 23.3 34.9

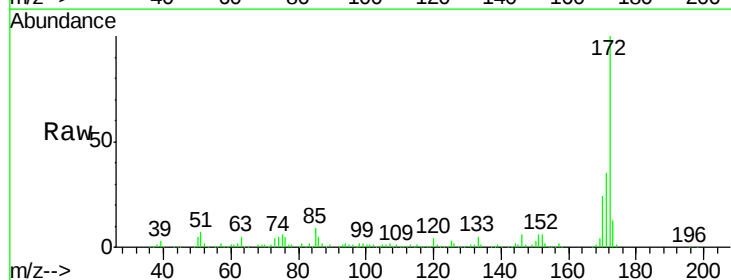


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

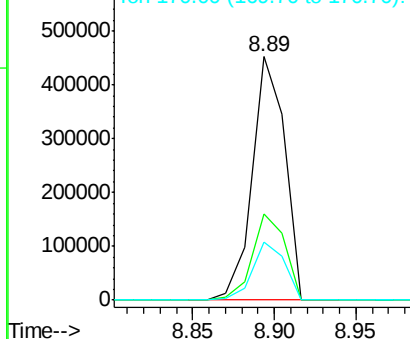
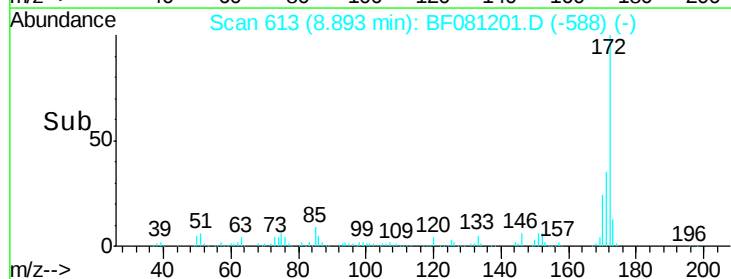


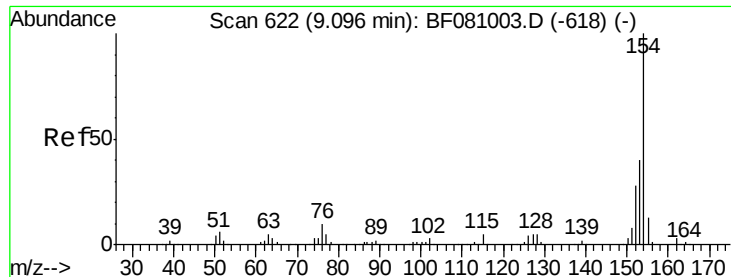
#44
 2-Fluorobiphenyl
 Concen: 64.21 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:172 Resp: 626604
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.0 19.4 29.2



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

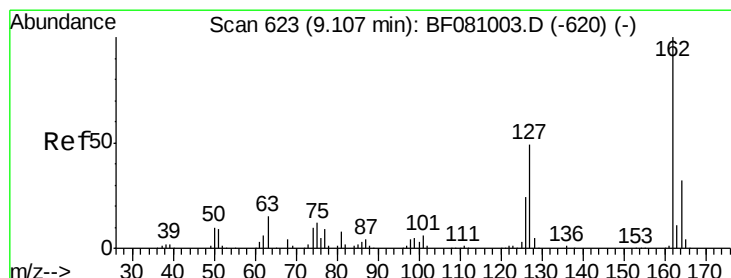
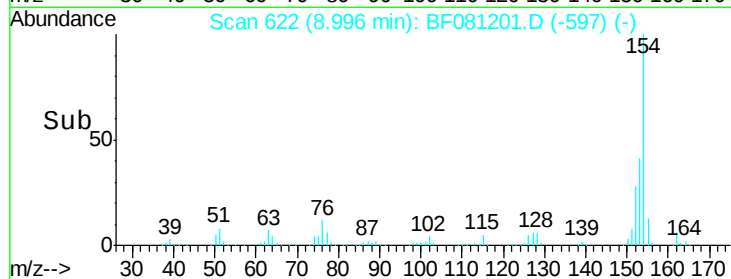
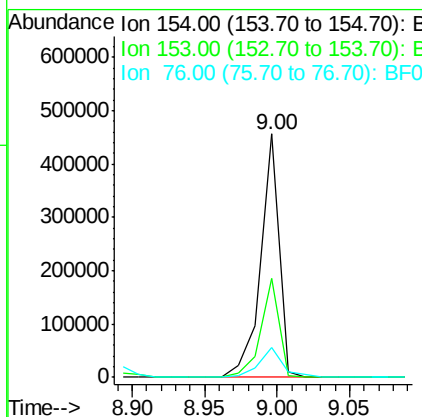
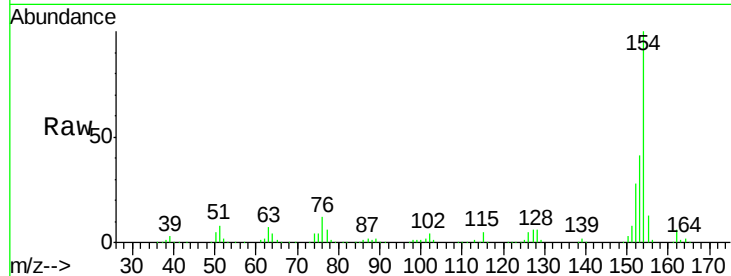




#45
 1,1'-Biphenyl
 Concen: 35.79 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

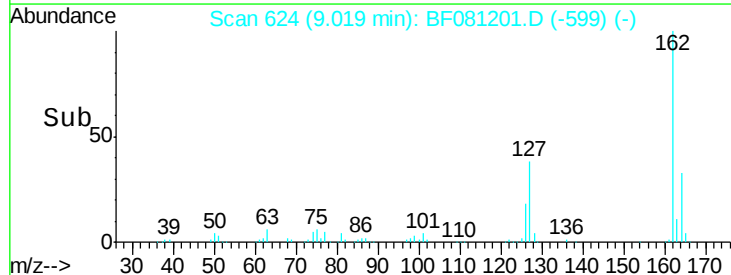
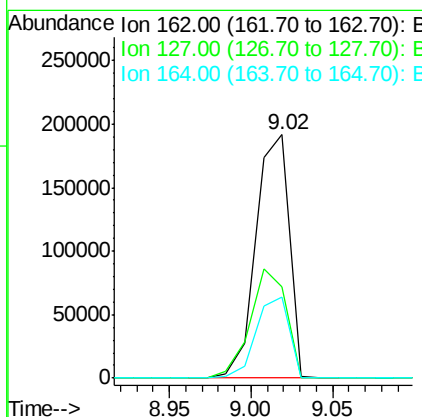
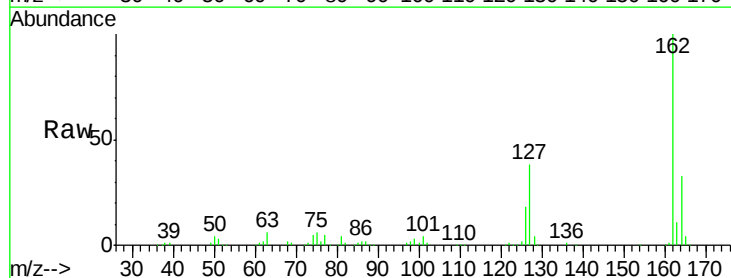
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 403104
 Ion Ratio Lower Upper
 154 100
 153 40.6 19.5 59.5
 76 12.3 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 30.19 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:162 Resp: 273169
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.3 46.9
 164 33.2 26.3 39.5

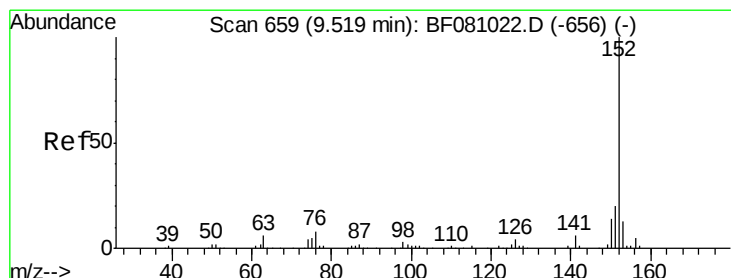
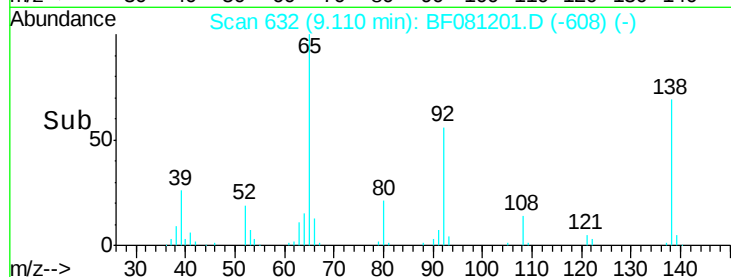
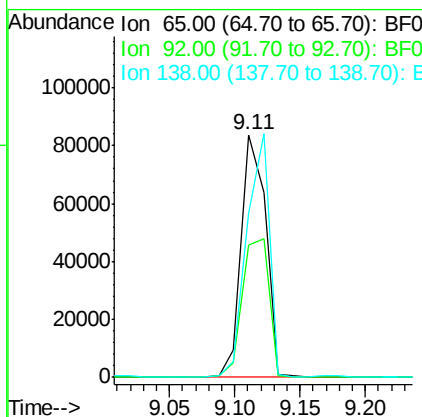
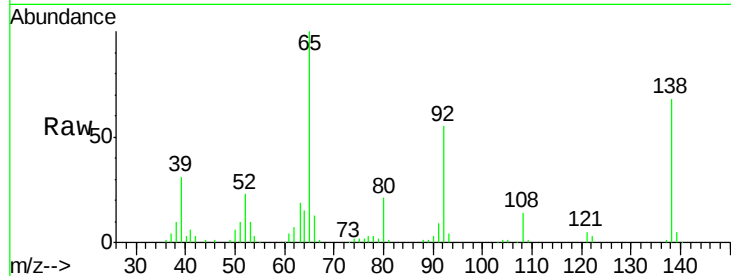




#47
 2-Nitroaniline
 Concen: 29.48 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

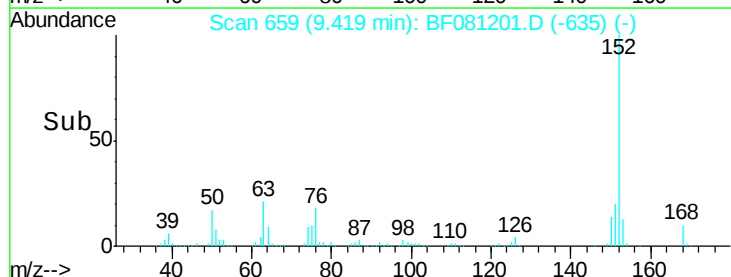
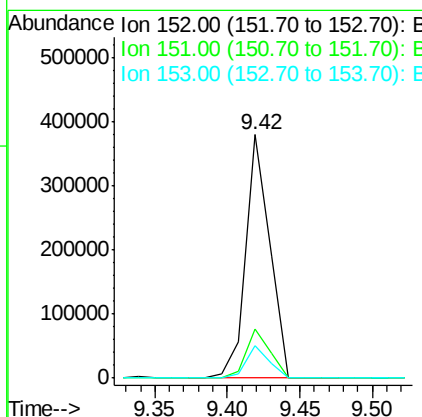
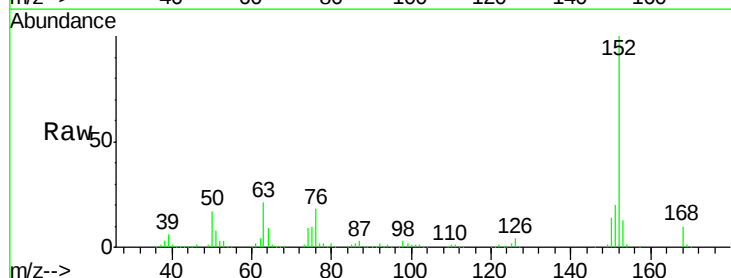
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 109154
 Ion Ratio Lower Upper
 65 100
 92 54.5 45.6 68.4
 138 67.5 57.9 86.9



#48
 Acenaphthylene
 Concen: 26.84 ng
 RT: 9.42 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion: 152 Resp: 434350
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.1 24.1
 153 13.1 9.8 14.6

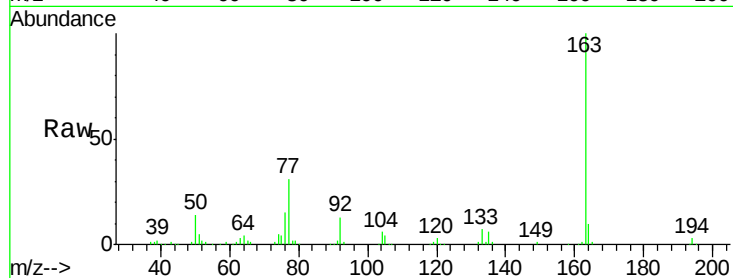




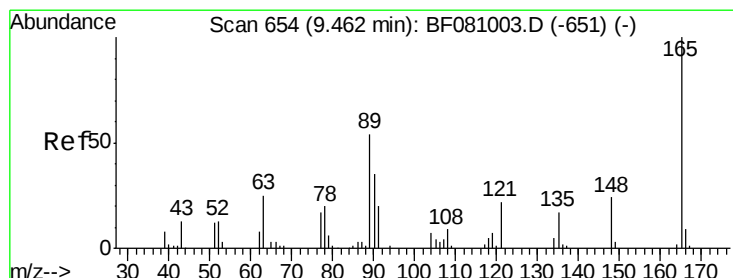
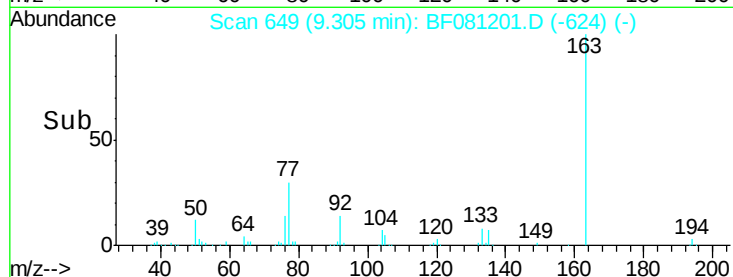
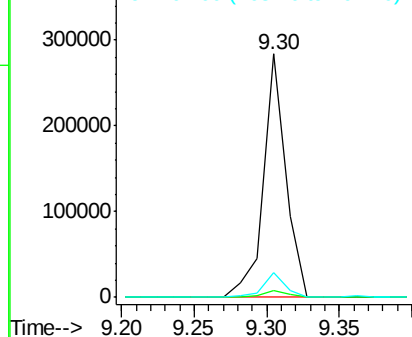
#49
Dimethylphthalate
Concen: 28.73 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 302561
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.3 8.1 12.1

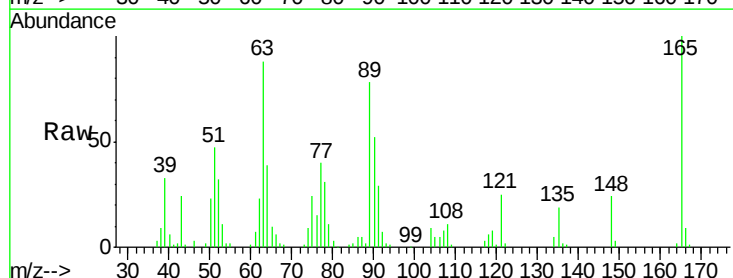


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

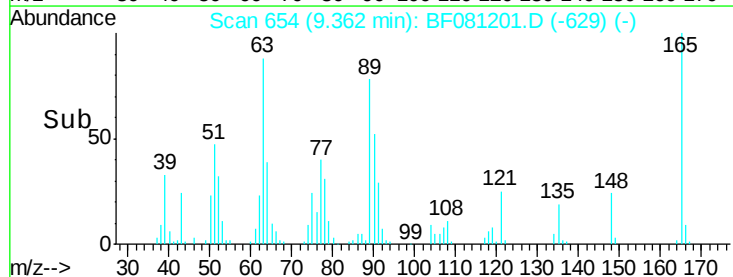
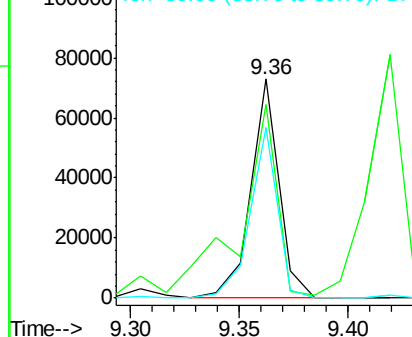


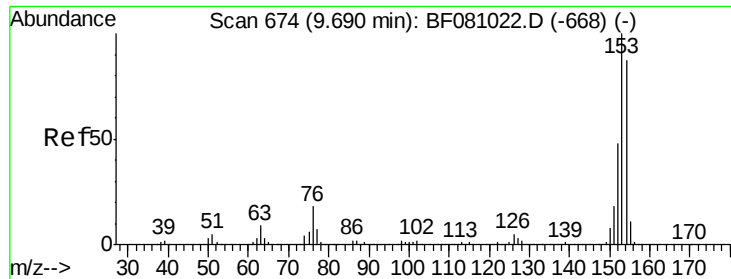
#50
2,6-Dinitrotoluene
Concen: 29.02 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:165 Resp: 65596
Ion Ratio Lower Upper
165 100
63 88.1 49.5 74.3#
89 77.6 47.6 71.4#



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





#51

Acenaphthene

Concen: 26.98 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

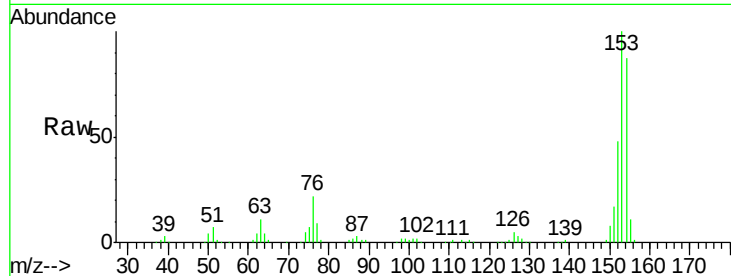
Tot Ion:154 Resp: 261432

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

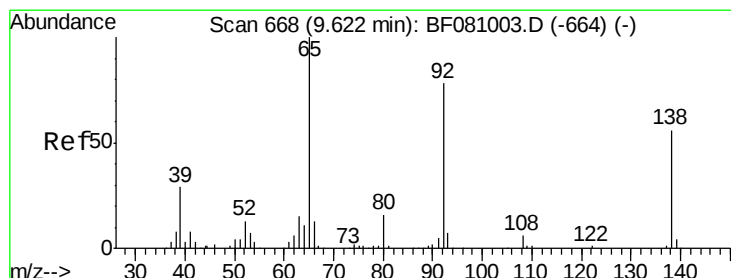
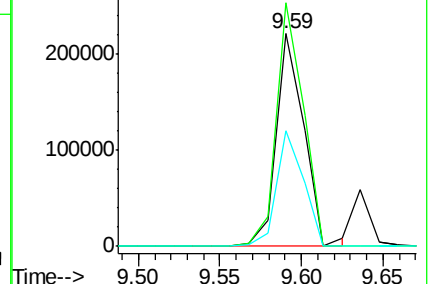
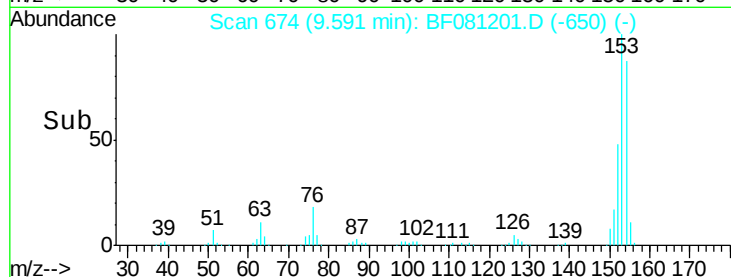
152 54.7 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.82 ng

RT: 9.52 min Scan# 668

Delta R.T. -0.02 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

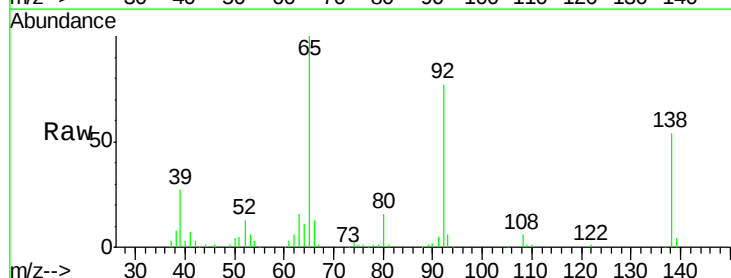
Tgt Ion:138 Resp: 47573

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

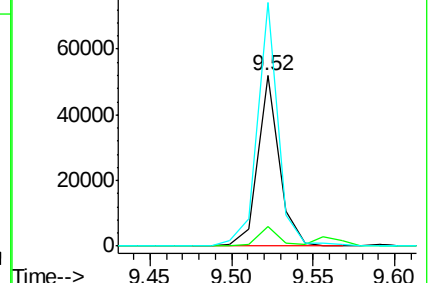
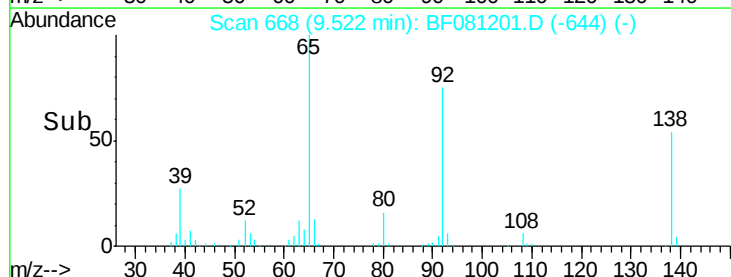
92 143.0 113.2 169.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

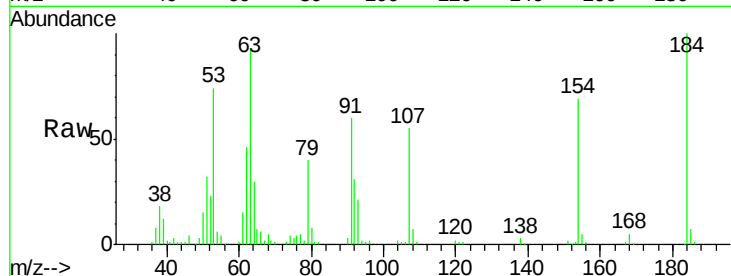




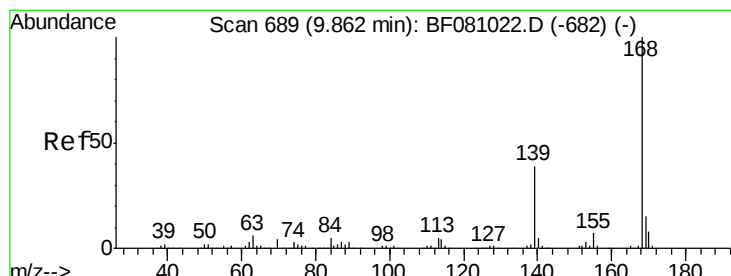
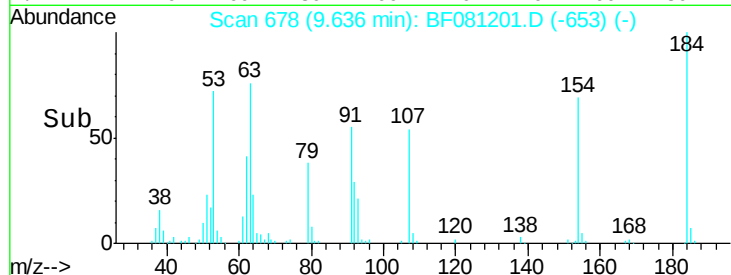
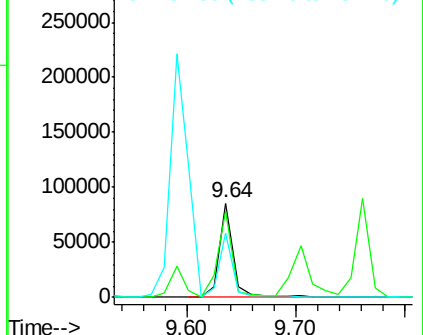
#53
 2,4-Dinitrophenol
 Concen: 64.59 ng
 RT: 9.64 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 77750
 Ion Ratio Lower Upper
 184 100
 63 91.8 101.7 152.5#
 154 68.8 67.4 101.0

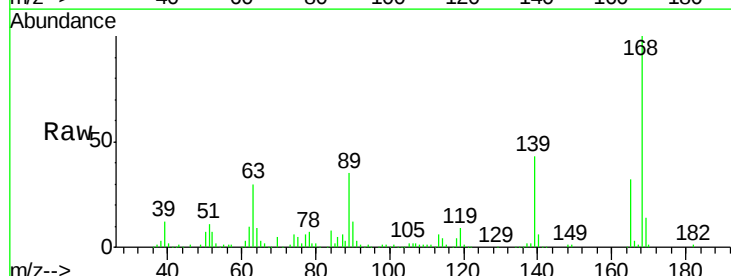


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

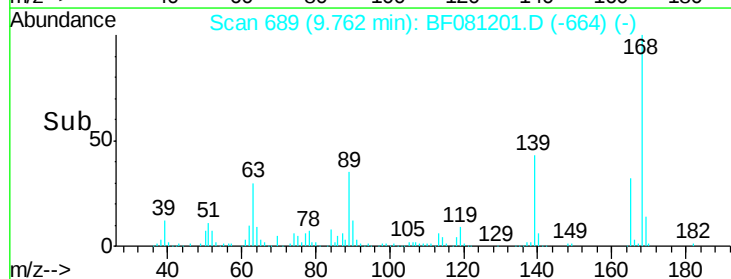
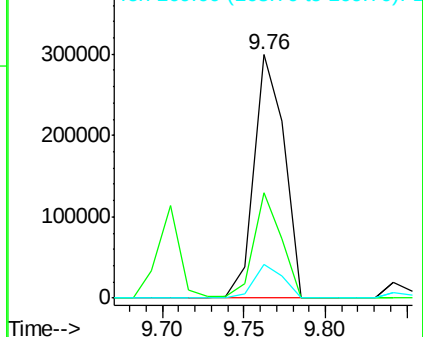


#54
 Dibenzofuran
 Concen: 29.57 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:168 Resp: 383897
 Ion Ratio Lower Upper
 168 100
 139 43.3 29.3 43.9
 169 13.7 10.3 15.5



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

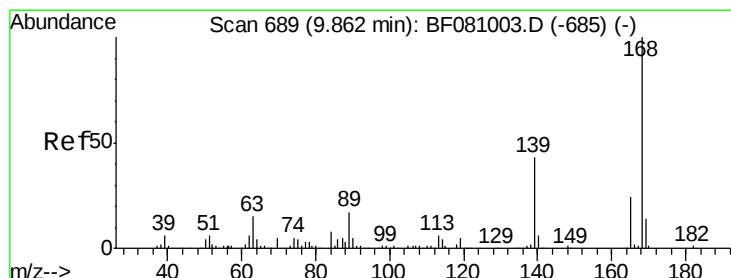
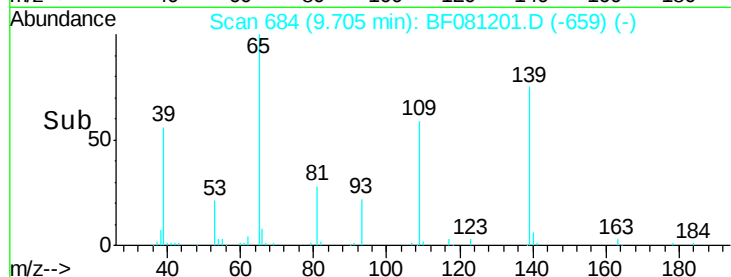
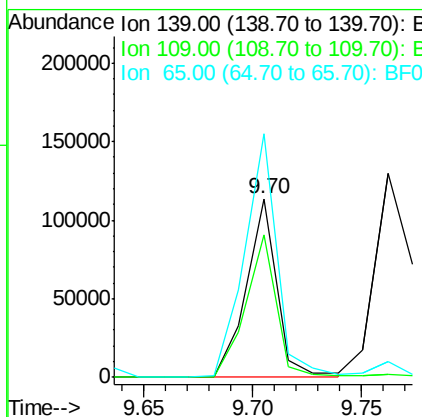
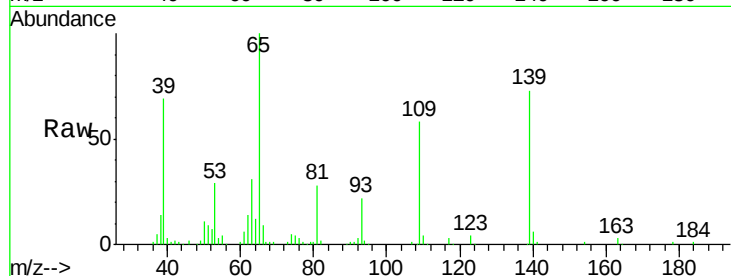




#55
4-Nitrophenol
Concen: 56.09 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

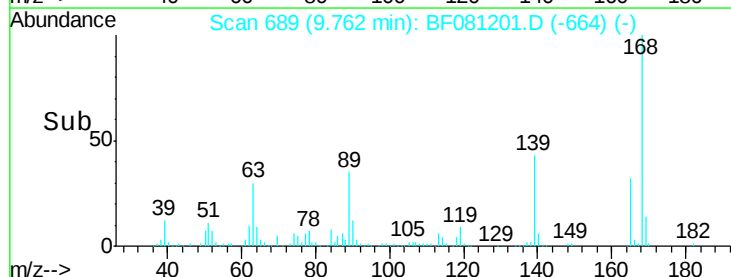
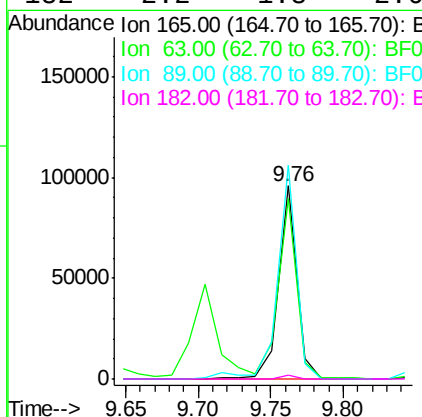
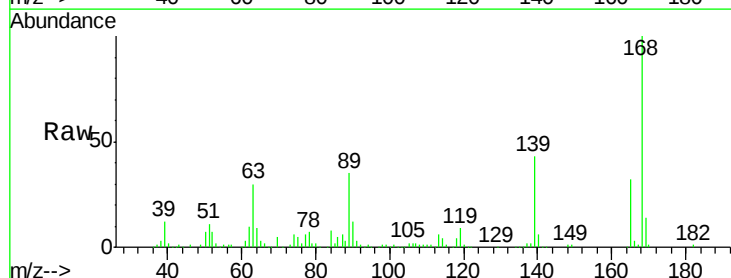
Instrument :
BNA_F
ClientSampleId :

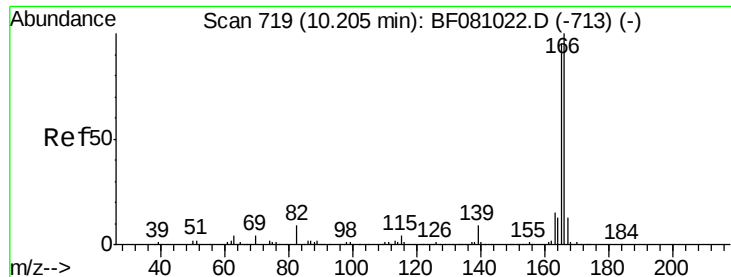
Tot Ion:139 Resp: 111446
Ion Ratio Lower Upper
139 100
109 79.6 80.0 120.0#
65 136.4 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 28.10 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:165 Resp: 84202
Ion Ratio Lower Upper
165 100
63 93.6 52.2 78.4#
89 110.7 60.1 90.1#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 29.20 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

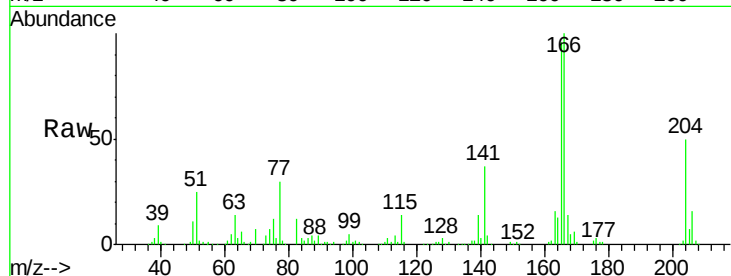
Tot Ion:166 Resp: 291620

Ion Ratio Lower Upper

166 100

165 95.9 75.8 113.8

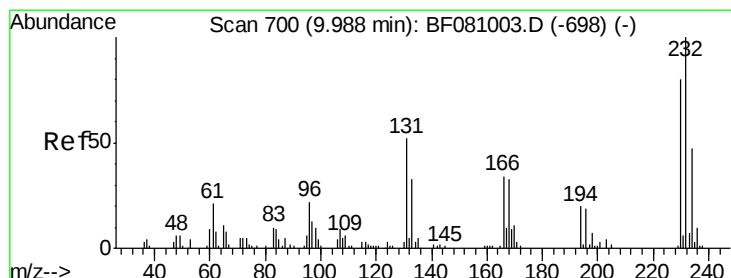
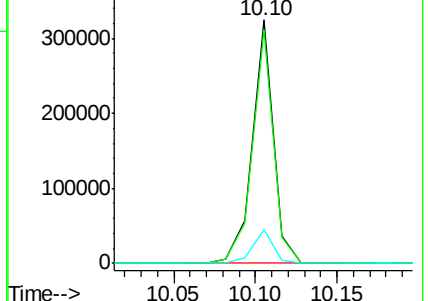
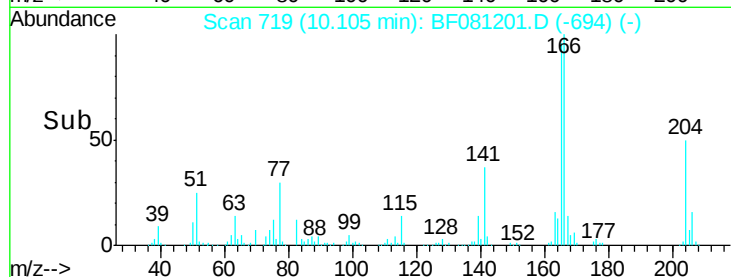
167 13.7 11.3 16.9



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: 30.19 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Tgt Ion:232 Resp: 68053

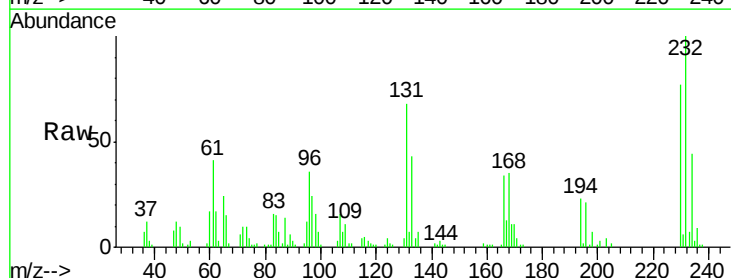
Ion Ratio Lower Upper

232 100

131 51.5 42.2 63.4

130 2.8 2.1 3.1

166 28.1 22.4 33.6

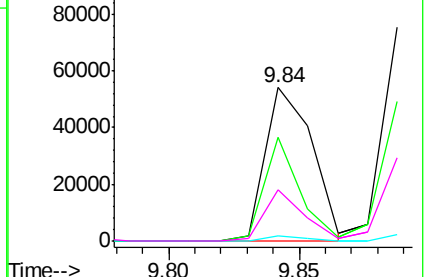
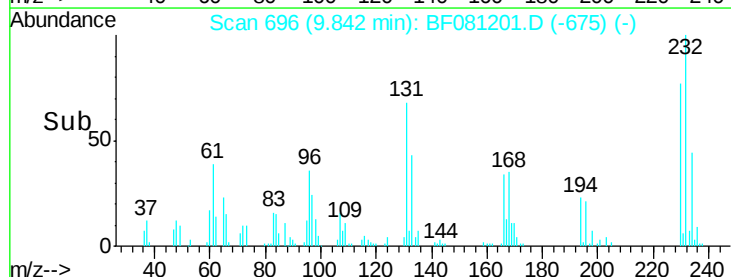


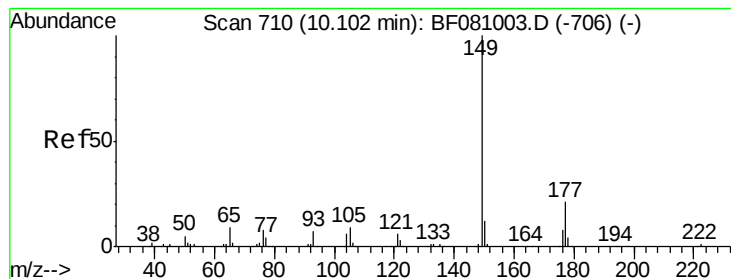
Abundance Ion 232.00 (231.70 to 232.70): E

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: 30.62 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

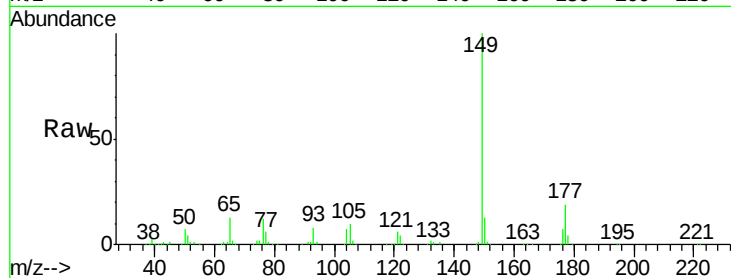
Tot Ion:149 Resp: 341227

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

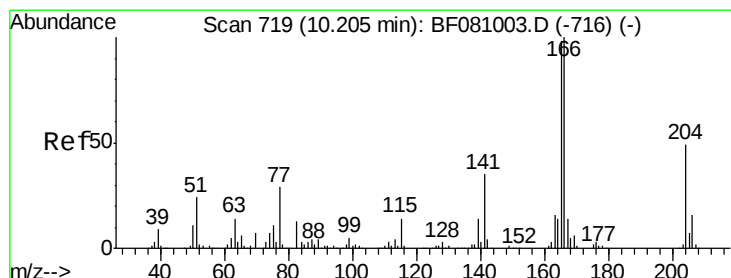
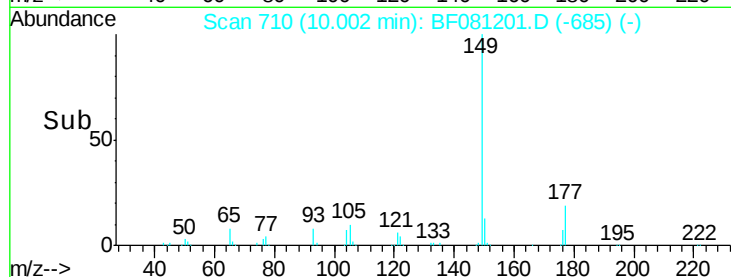
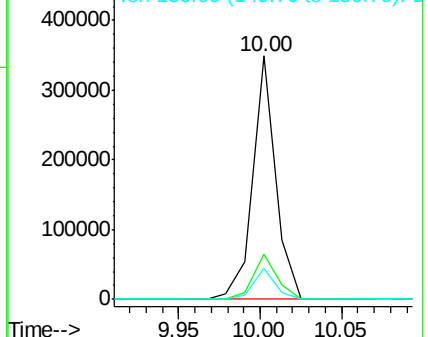
150 12.6 10.3 15.5



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: 32.21 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

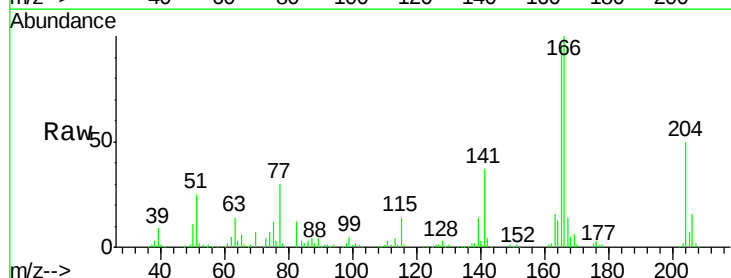
Tgt Ion:204 Resp: 136141

Ion Ratio Lower Upper

204 100

206 31.8 26.2 39.2

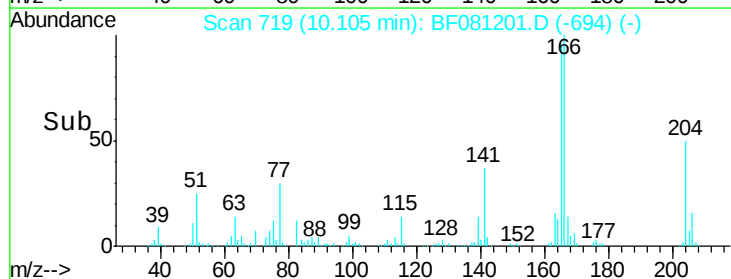
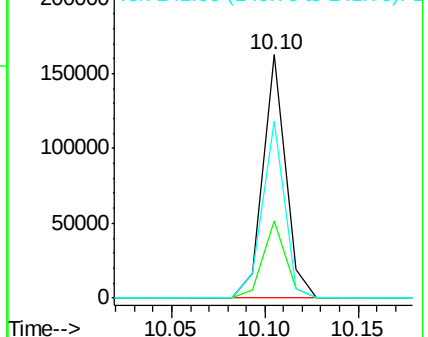
141 72.9 59.6 89.4

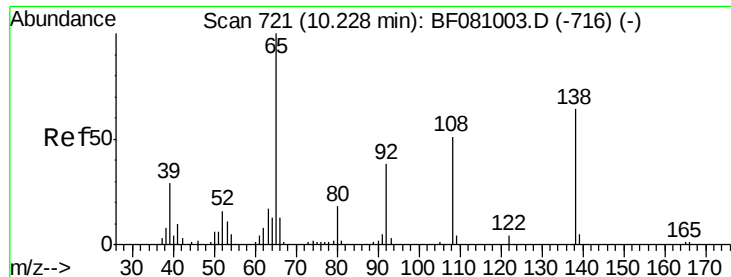


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.35 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

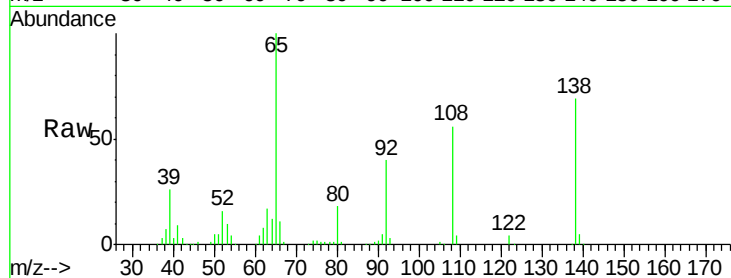
Tot Ion:138 Resp: 84868

Ion Ratio Lower Upper

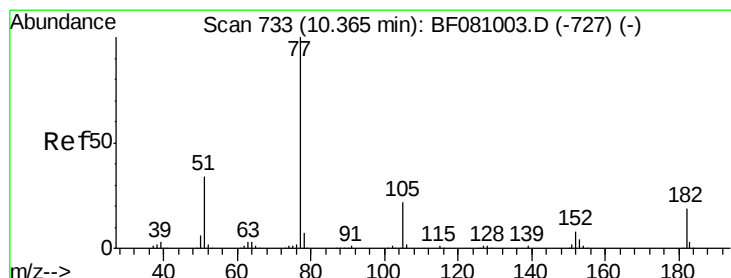
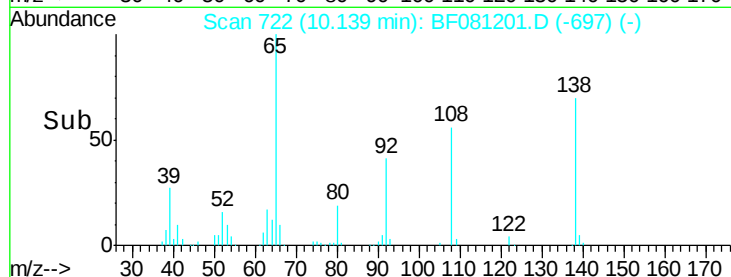
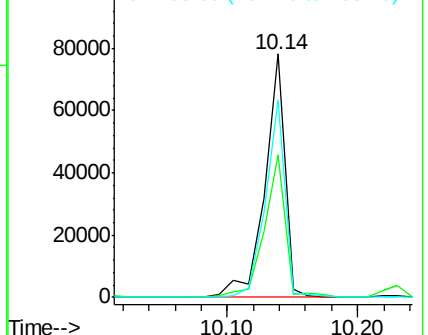
138 100

92 58.6 34.7 74.7

108 81.0 68.9 108.9



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: 33.23 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Tgt Ion: 77 Resp: 426761

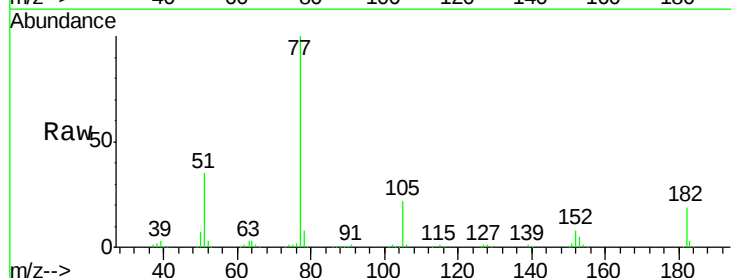
Ion Ratio Lower Upper

77 100

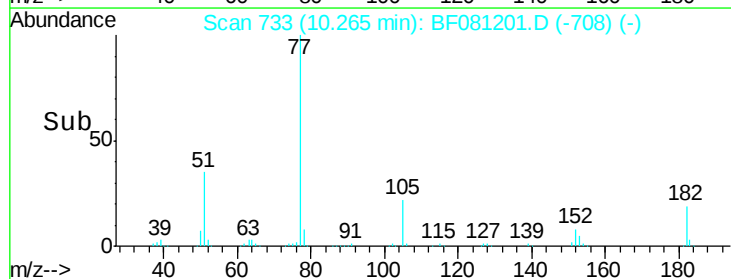
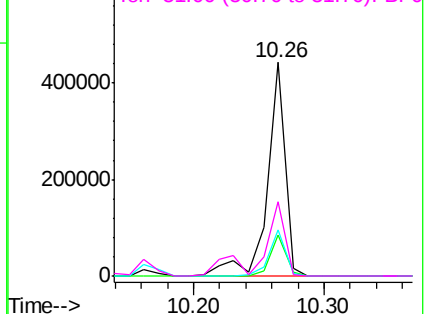
182 19.1 0.0 39.0

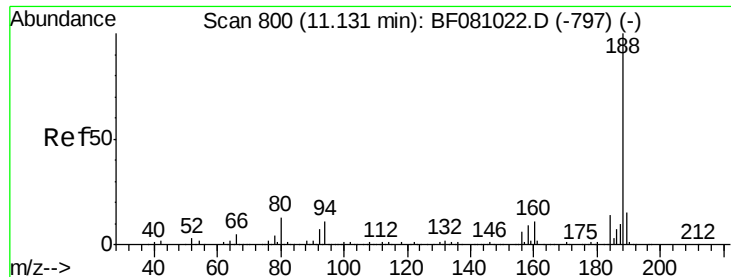
105 21.8 0.2 40.2

51 34.6 18.0 58.0



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

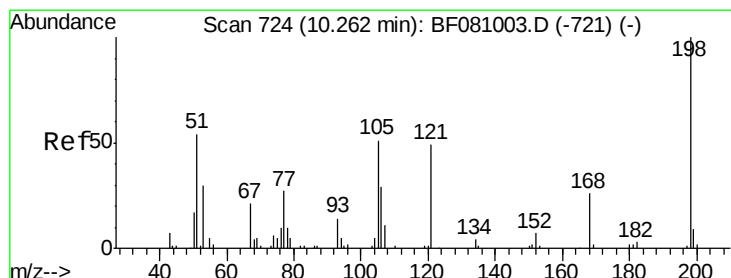
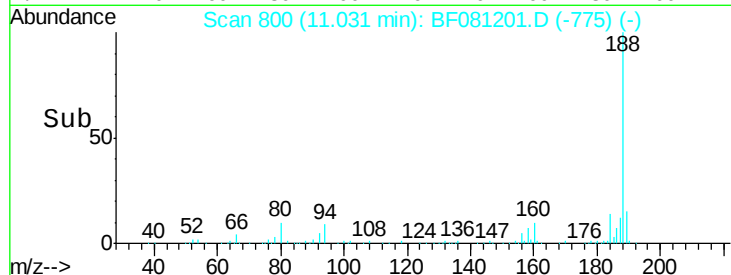
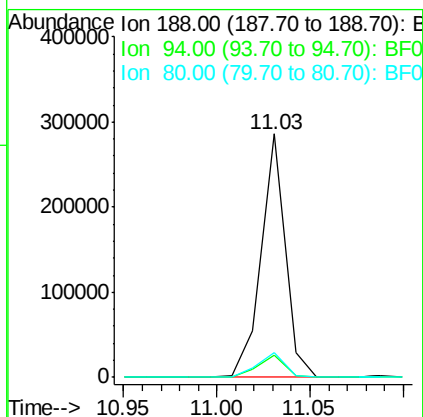
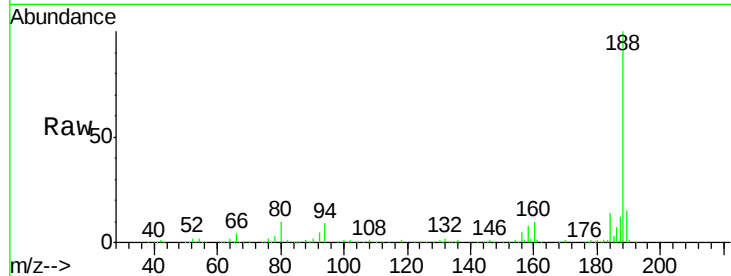




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

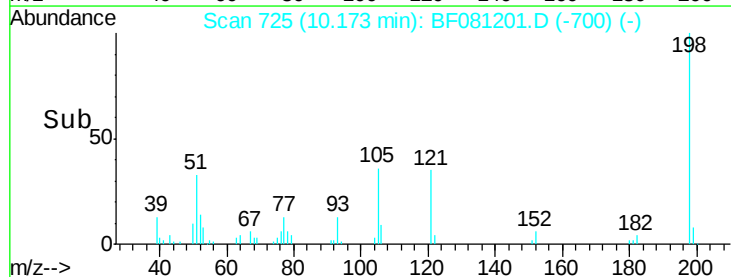
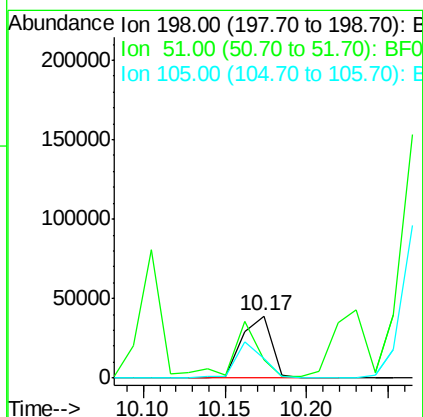
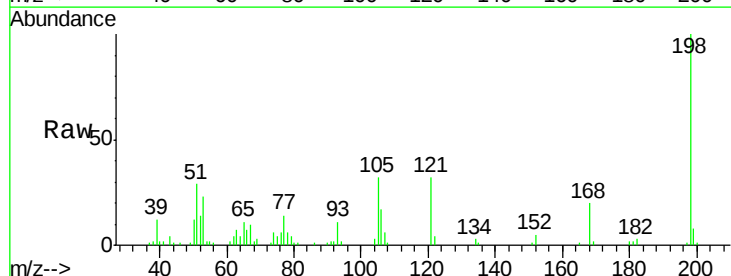
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 255317
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 10.1 9.5 14.3



#64
4,6-Dinitro-2-methylphenol
Concen: 32.29 ng
RT: 10.17 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:198 Resp: 49230
Ion Ratio Lower Upper
198 100
51 28.7 79.7 119.7#
105 31.6 47.0 87.0#





#65

n-Nitrosodiphenylamine

Concen: 32.40 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

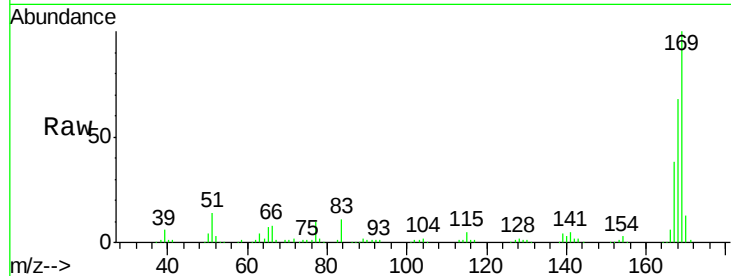
Tot Ion:169 Resp: 295271

Ion Ratio Lower Upper

169 100

168 68.3 55.3 82.9

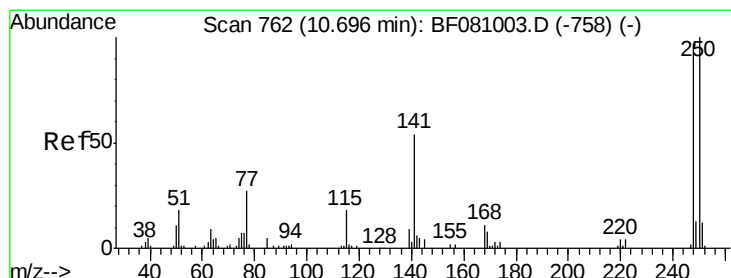
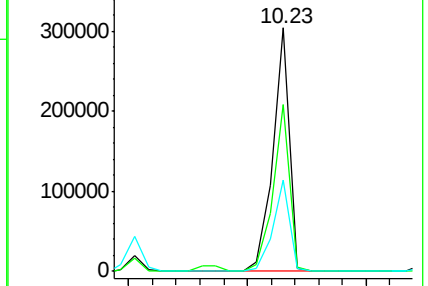
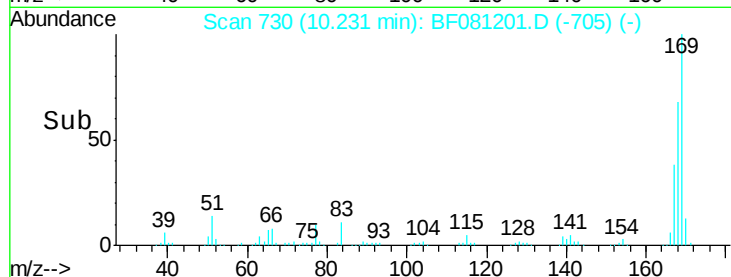
167 37.5 30.8 46.2



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: 30.42 ng

RT: 10.58 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

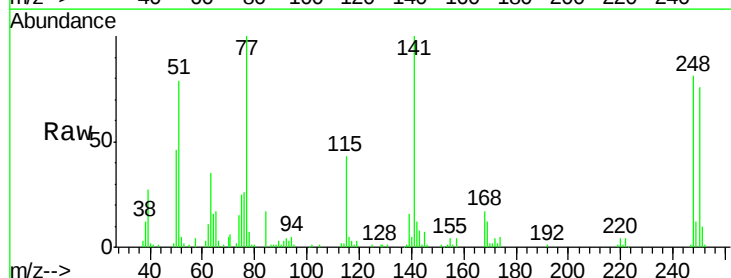
Tgt Ion:248 Resp: 76293

Ion Ratio Lower Upper

248 100

250 93.8 77.8 116.6

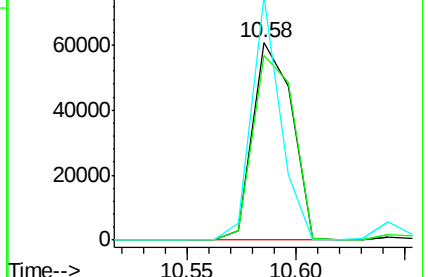
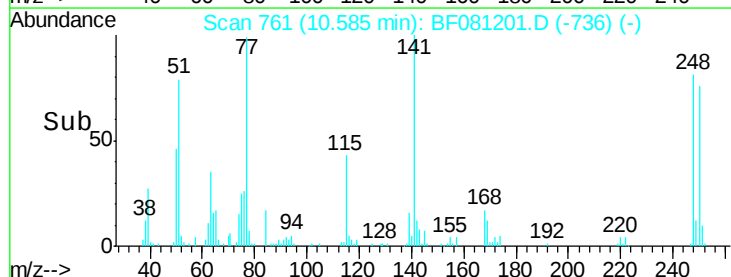
141 123.4 39.8 59.6#

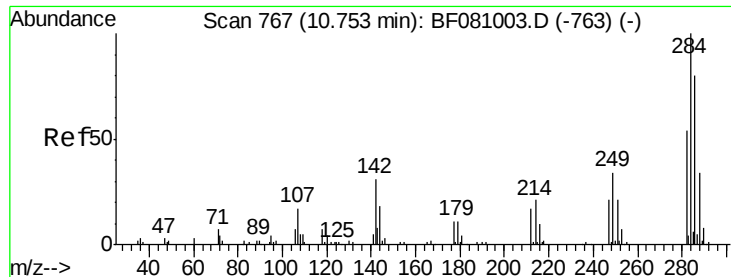


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

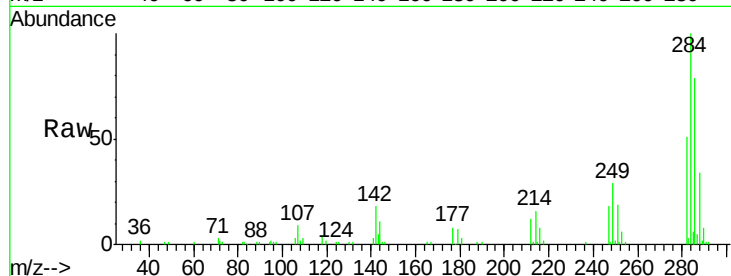




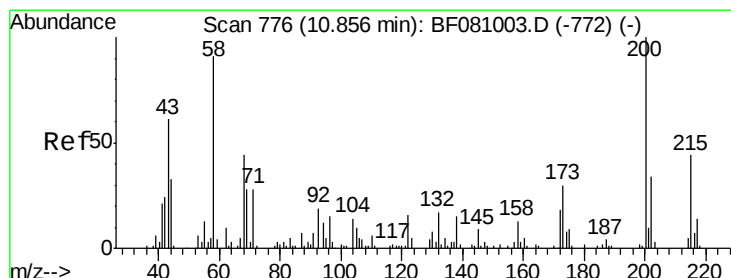
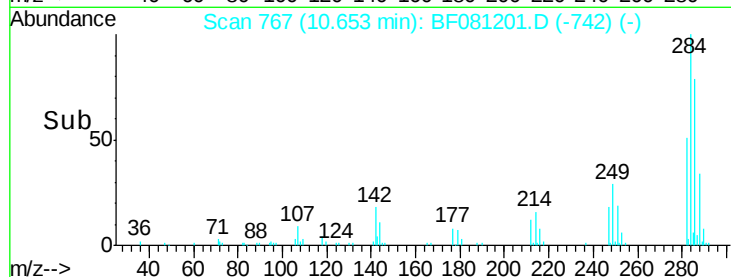
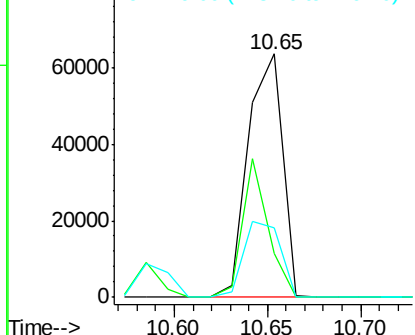
#67
Hexachlorobenzene
Concen: 31.85 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 80903
Ion Ratio Lower Upper
284 100
142 17.9 25.4 38.0#
249 28.7 28.5 42.7

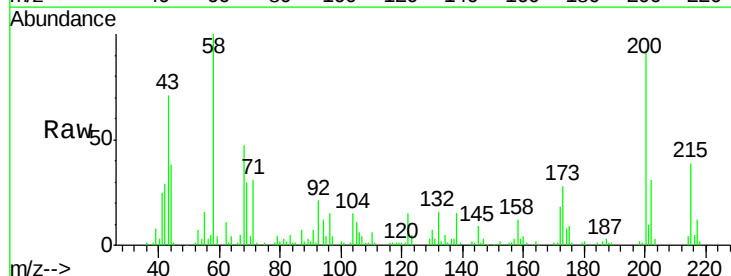


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

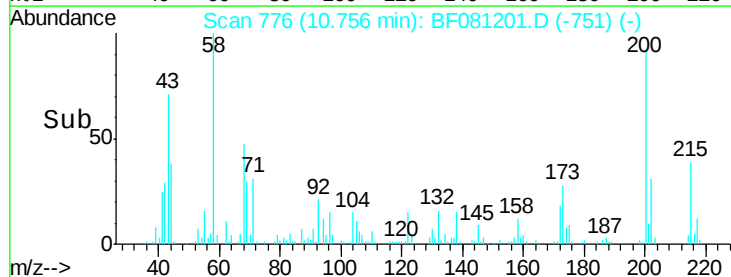
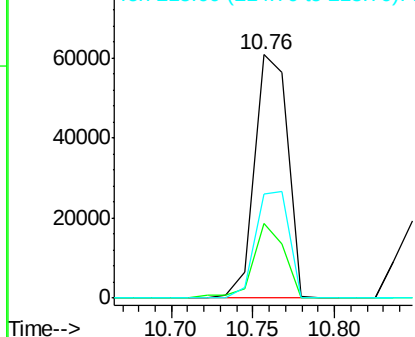


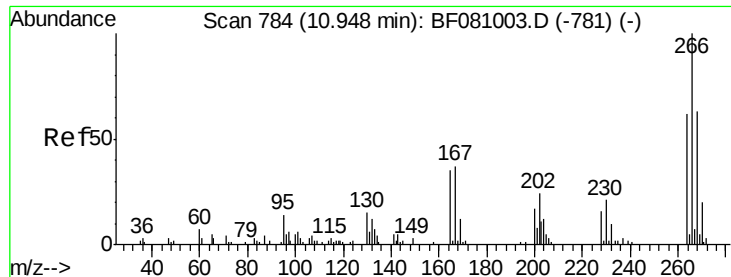
#68
Atrazine
Concen: 33.68 ng
RT: 10.76 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:200 Resp: 85532
Ion Ratio Lower Upper
200 100
173 30.5 8.1 48.1
215 42.8 23.3 63.3



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

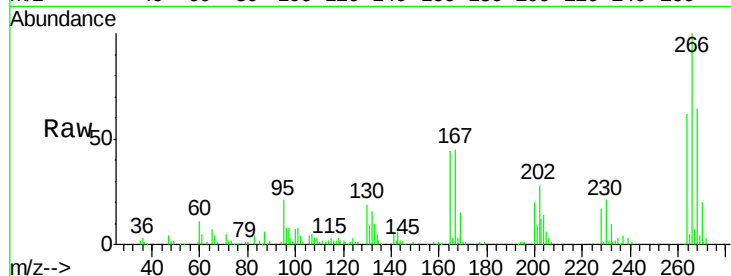




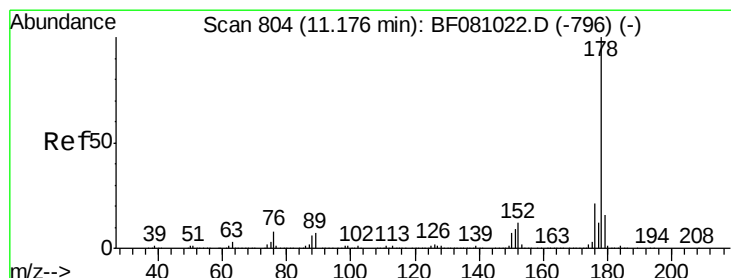
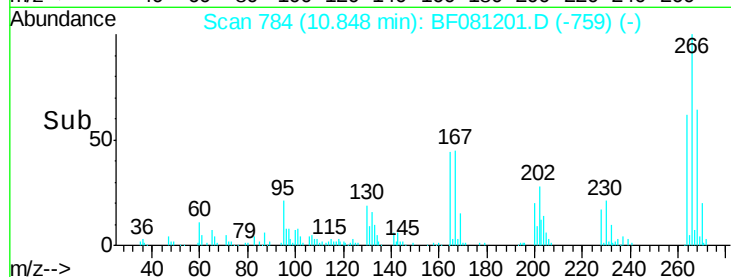
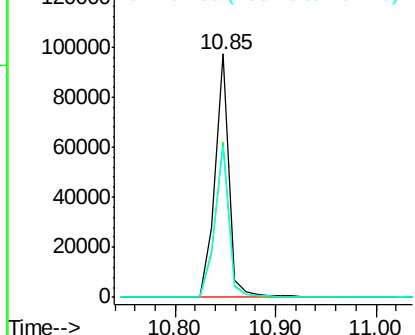
#69
 Pentachlorophenol
 Concen: 61.83 ng
 RT: 10.85 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 94234
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.2 76.8
 264 62.3 50.6 75.8

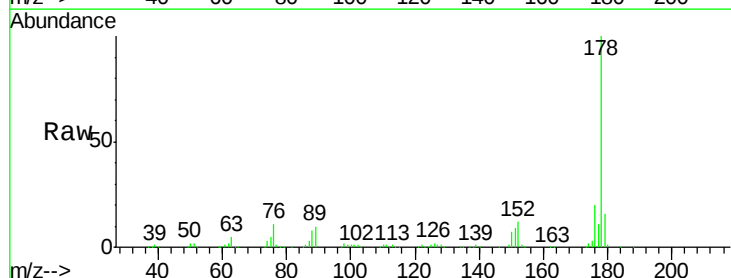


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

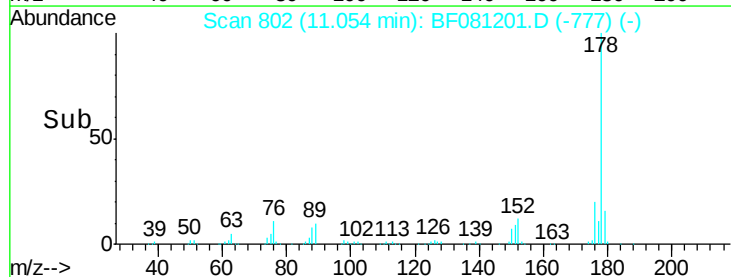
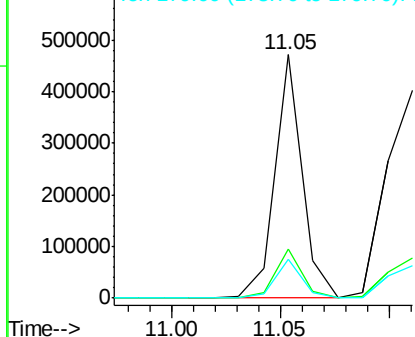


#70
 Phenanthrene
 Concen: 27.52 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion:178 Resp: 416341
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.7 12.2 18.2



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





#71

Anthracene

Concen: 32.04 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

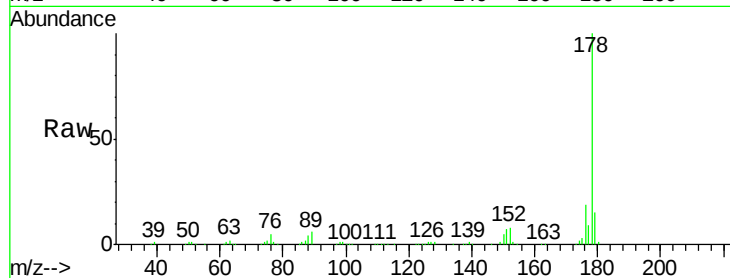
Tot Ion:178 Resp: 471692

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

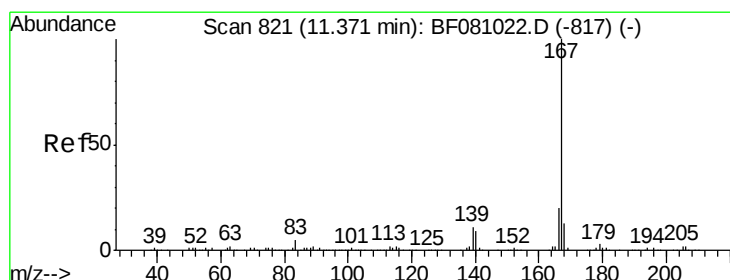
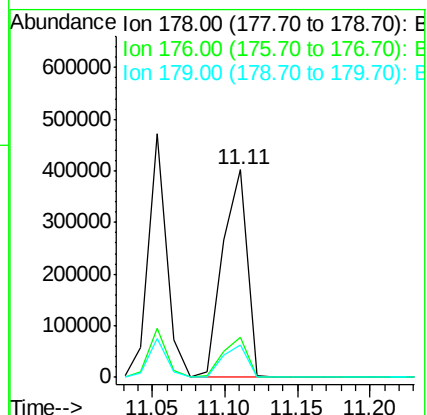
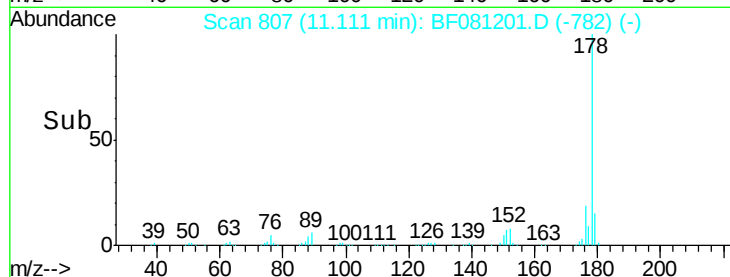
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.93 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

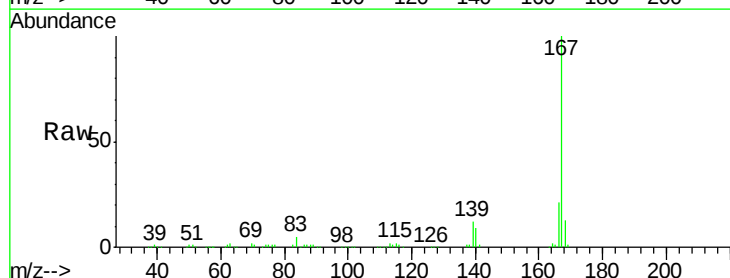
Tgt Ion:167 Resp: 466833

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

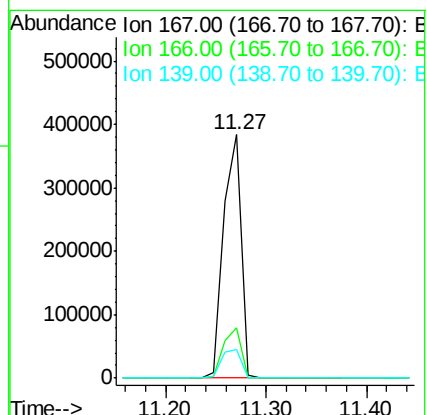
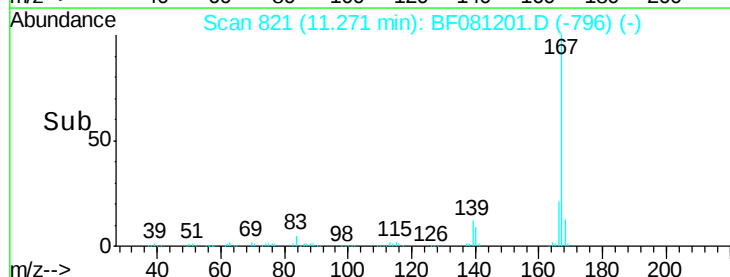
139 11.5 10.6 16.0

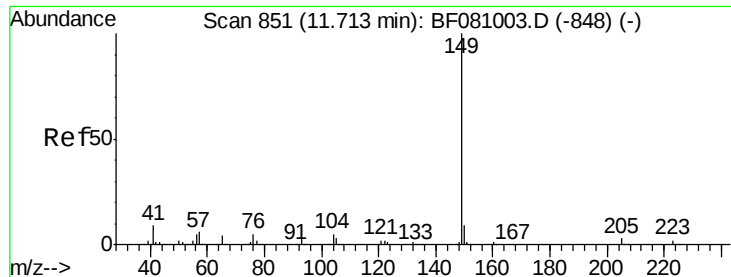


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.65 ng

RT: 11.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

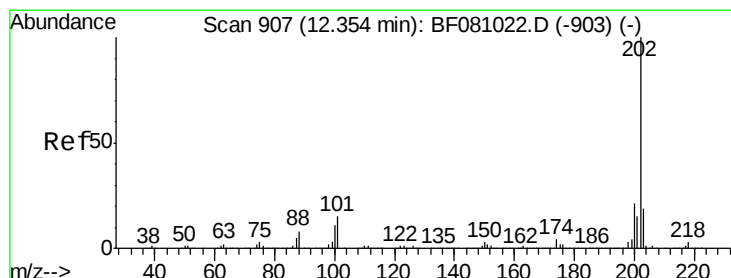
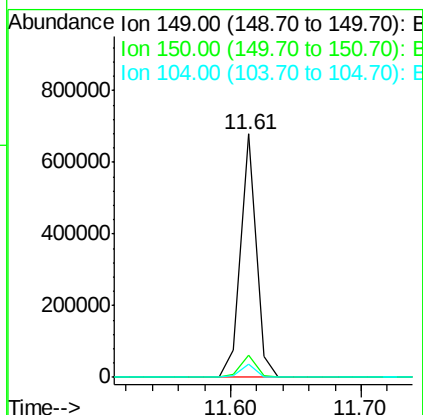
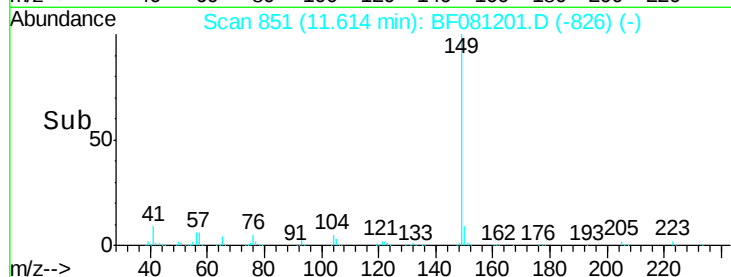
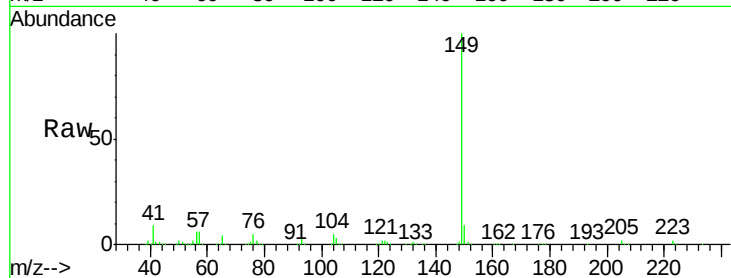
Tot Ion:149 Resp: 560107

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 5.2 3.9 5.9



#74

Fluoranthene

Concen: 31.16 ng

RT: 12.23 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

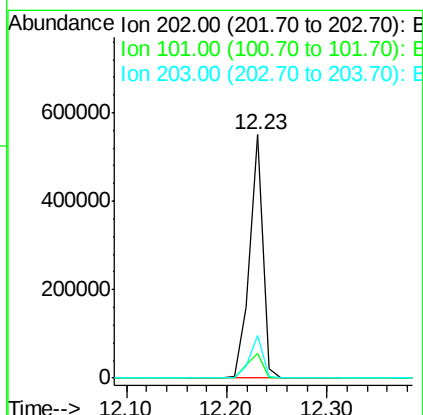
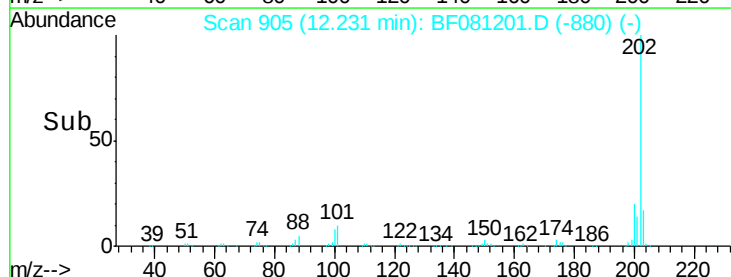
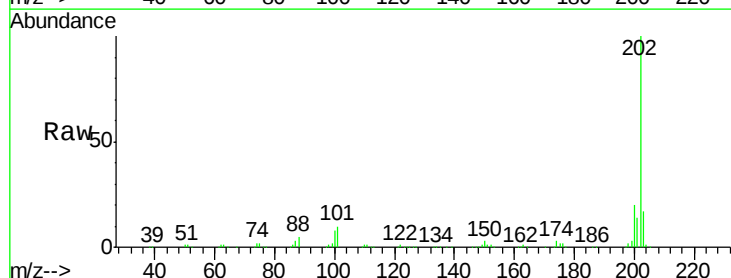
Tgt Ion:202 Resp: 508814

Ion Ratio Lower Upper

202 100

101 10.0 0.0 24.8

203 17.5 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

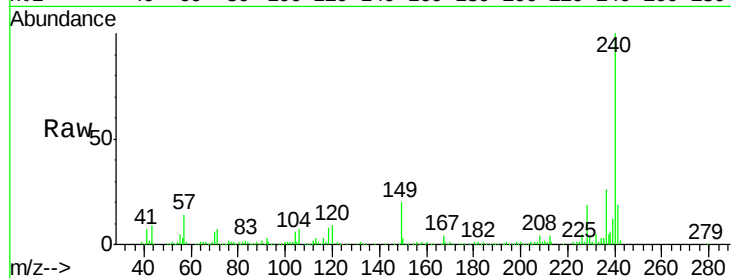
Tot Ion:240 Resp: 222958

Ion Ratio Lower Upper

240 100

120 9.2 5.6 8.4#

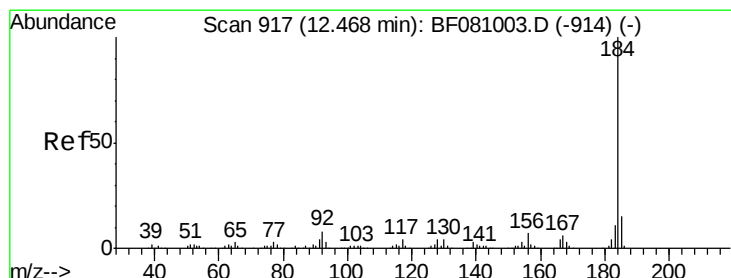
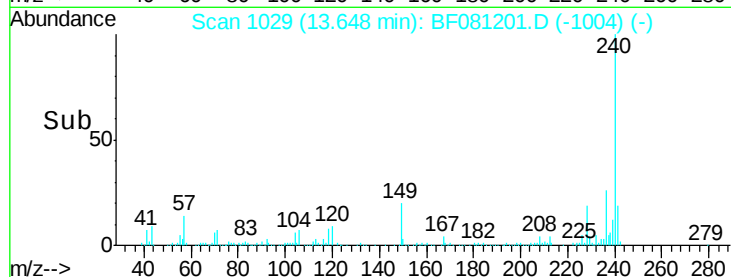
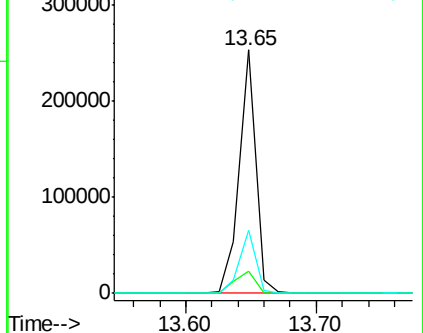
236 25.9 20.6 30.8



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: 29.03 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

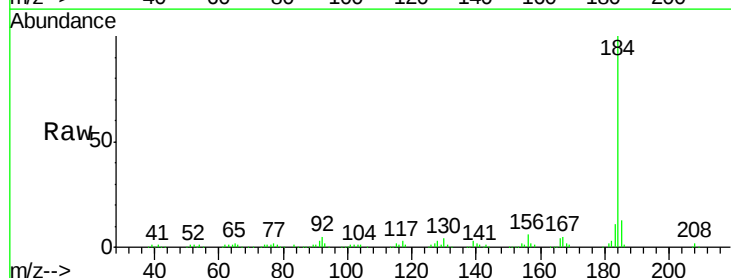
Tgt Ion:184 Resp: 244483

Ion Ratio Lower Upper

184 100

185 13.5 12.0 18.0

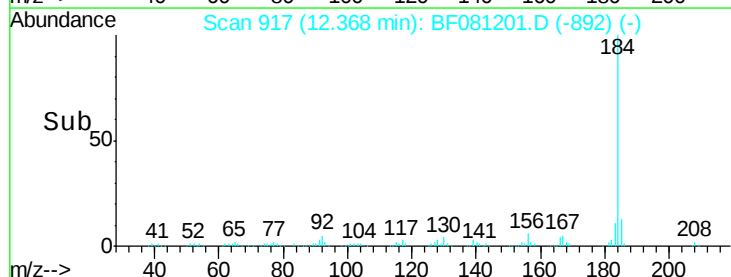
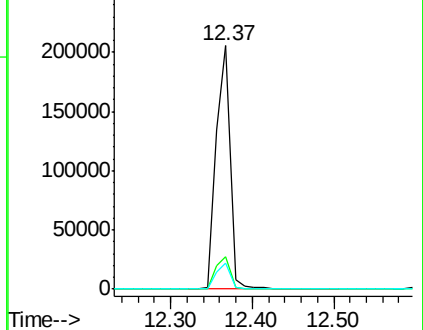
183 10.6 8.9 13.3

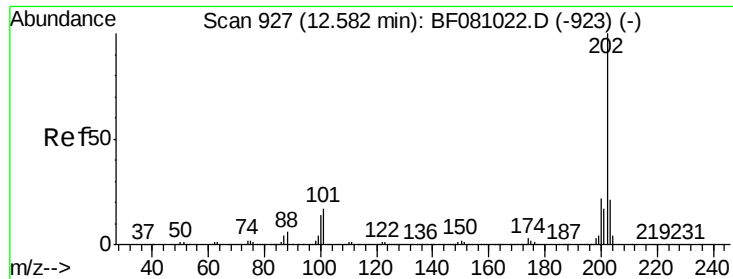


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

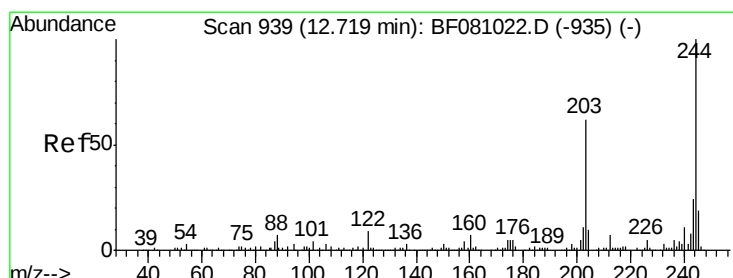
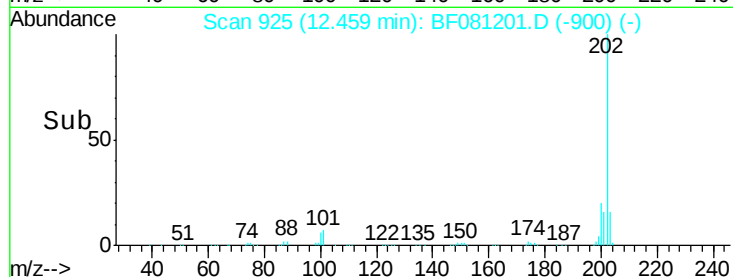
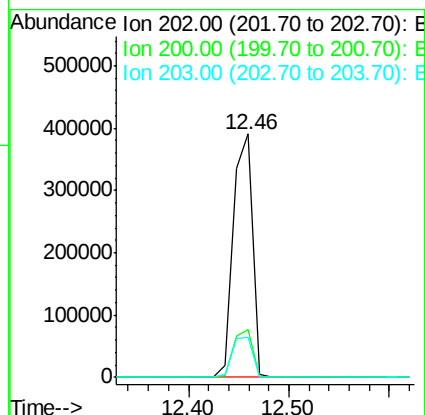
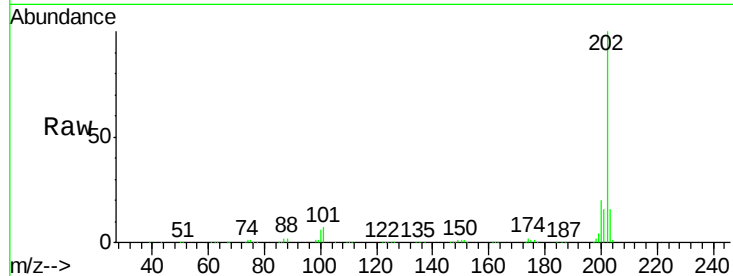




#77
Pvrene
Concen: 28.51 ng
RT: 12.46 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

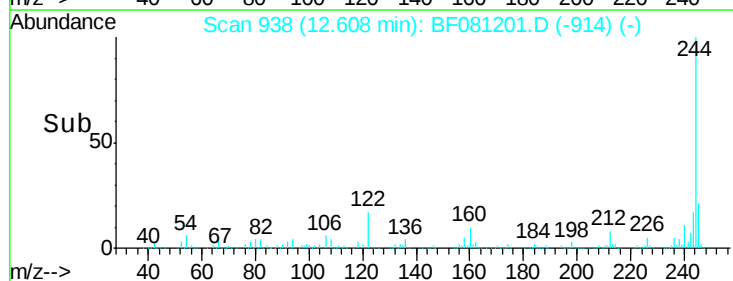
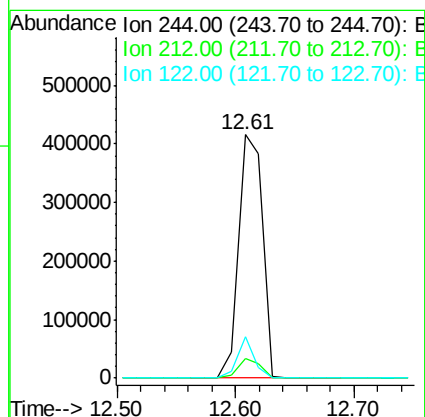
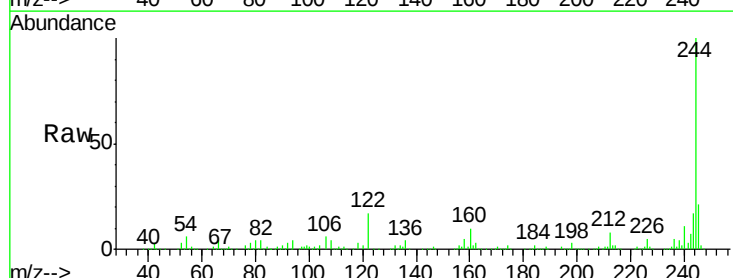
Instrument :
BNA_F
ClientSampleId :

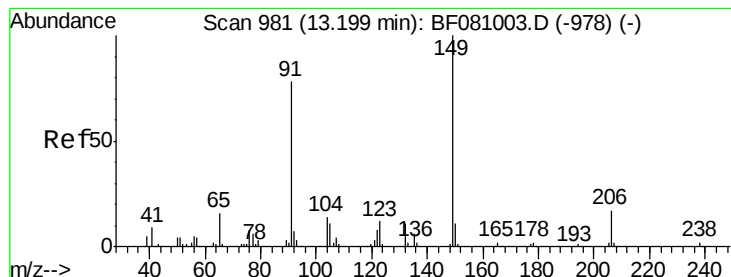
Tot Ion:202 Resp: 516699
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 16.4 14.1 21.1



#78
Terphenyl-d14
Concen: 55.98 ng
RT: 12.61 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:244 Resp: 582236
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.8
122 16.9 8.2 12.4#





#79

Butylbenzylphthalate

Concen: 31.67 ng

RT: 13.10 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

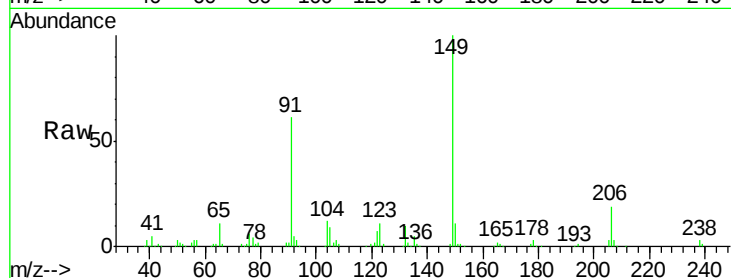
Tot Ion:149 Resp: 246773

Ion Ratio Lower Upper

149 100

91 61.4 46.9 70.3

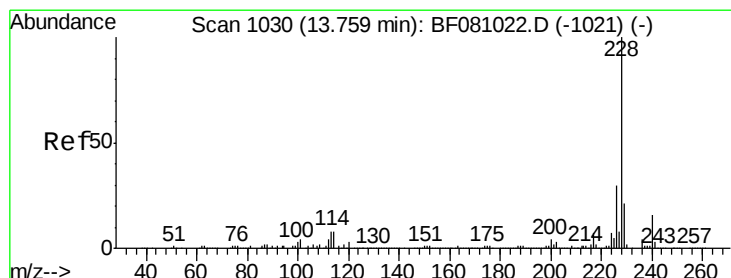
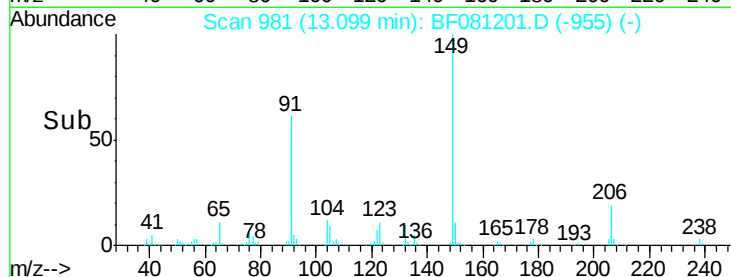
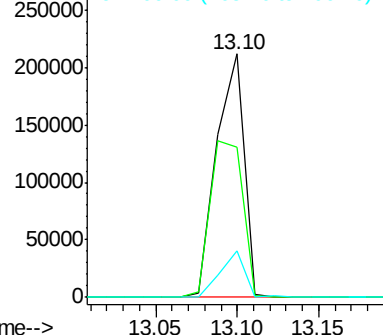
206 19.2 17.0 25.4



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: 28.89 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

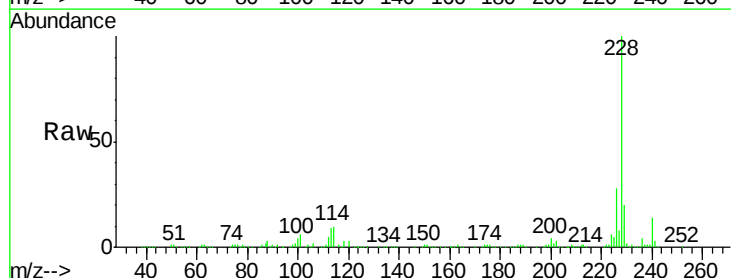
Tgt Ion:228 Resp: 431904

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

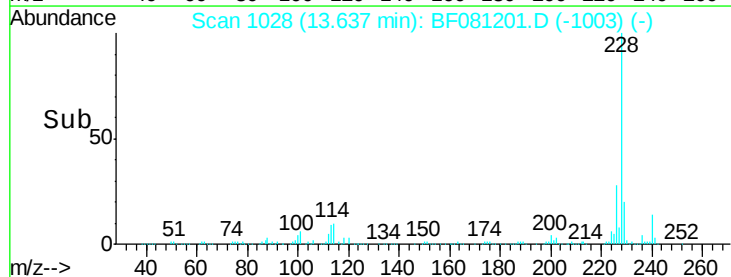
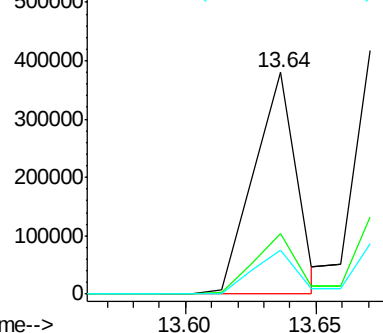
229 19.7 15.9 23.9



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

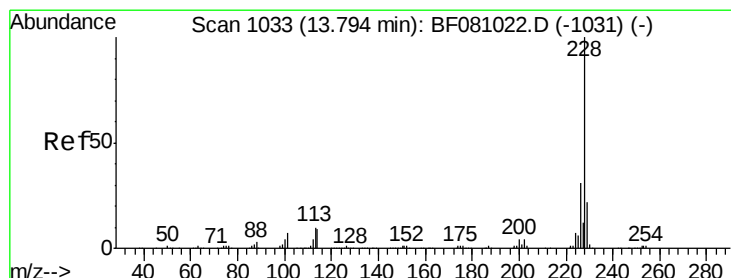
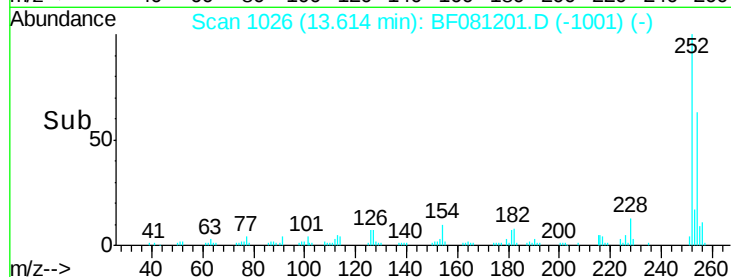
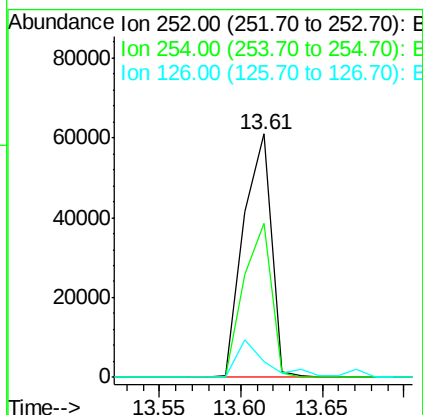
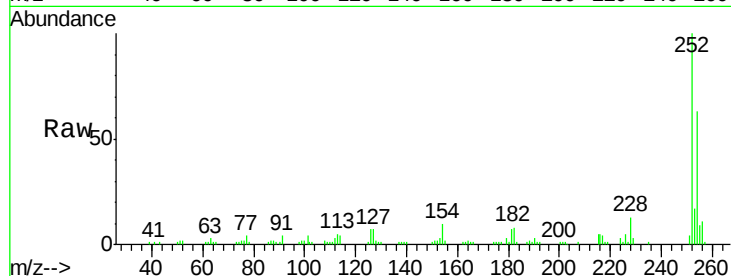




#81
 3,3'-Dichlorobenzidine
 Concen: 14.84 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

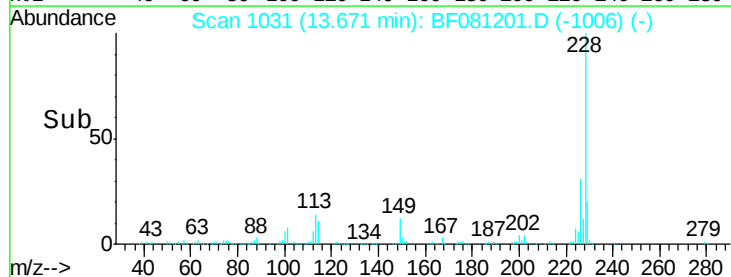
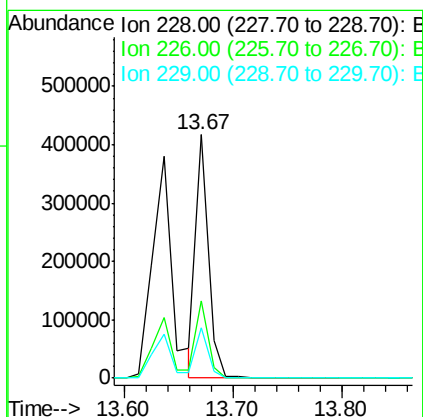
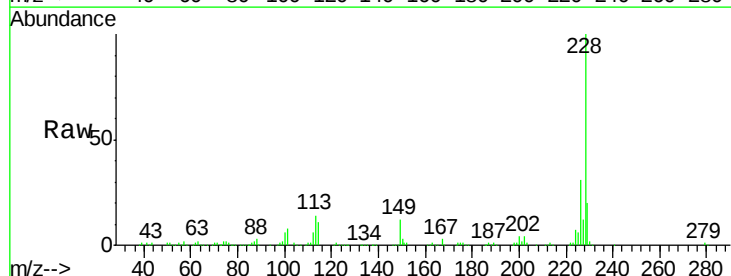
Instrument :
 BNA_F
 ClientSampleId :

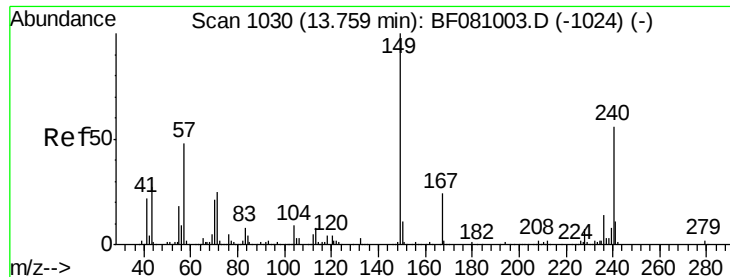
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	6.7	12.5	18.7



#82
 Chrysene
 Concen: 25.02 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.5	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.43 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampled :

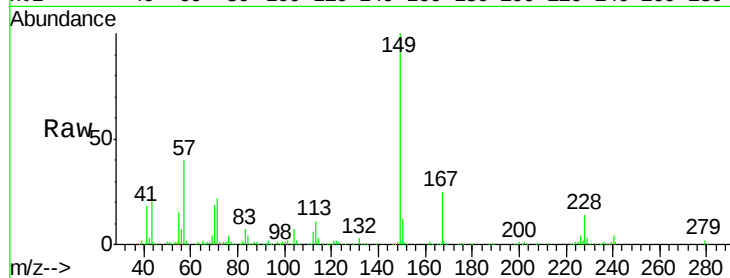
Tot Ion:149 Resp: 323583

Ion Ratio Lower Upper

149 100

167 24.9 20.7 31.1

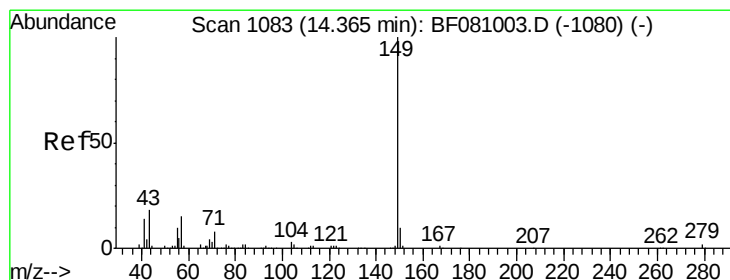
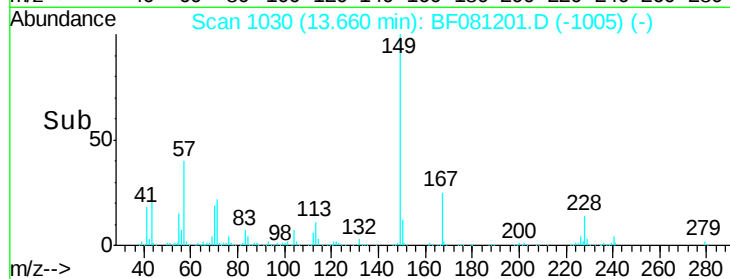
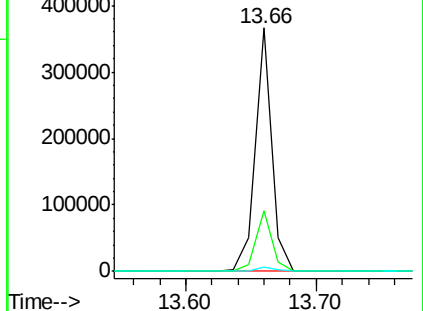
279 1.9 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.28 ng

RT: 14.27 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

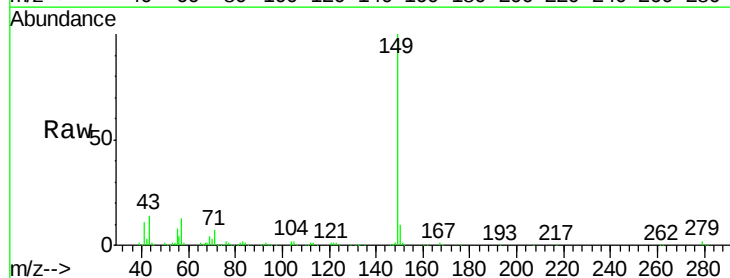
Tgt Ion:149 Resp: 550236

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

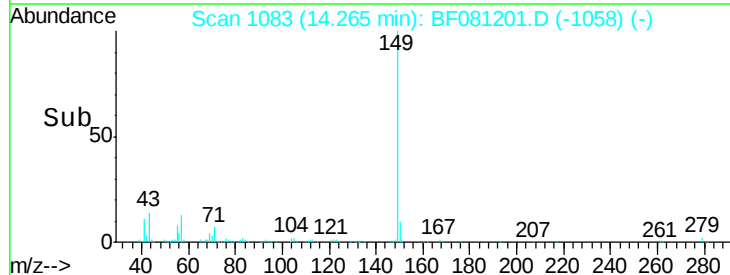
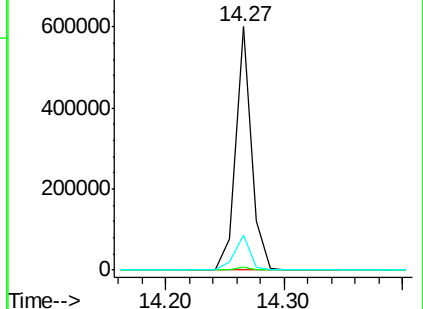
43 14.3 11.6 17.4

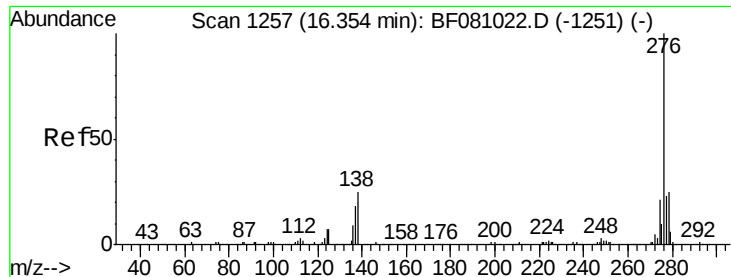


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

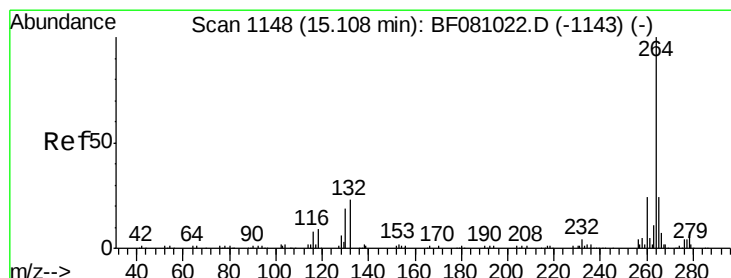
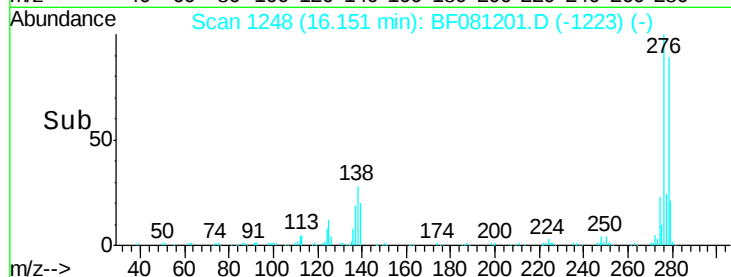
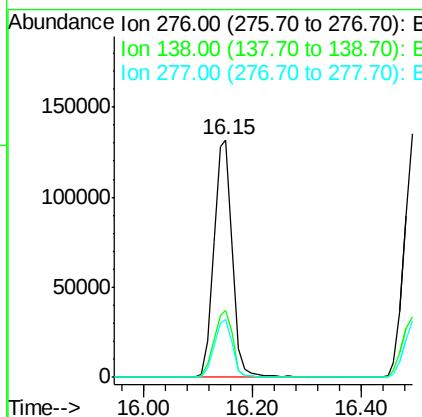
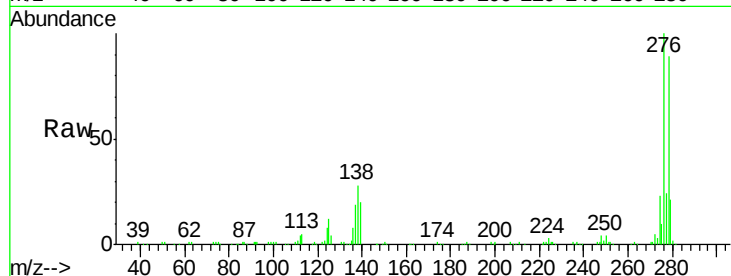




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.45 ng
 RT: 16.15 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

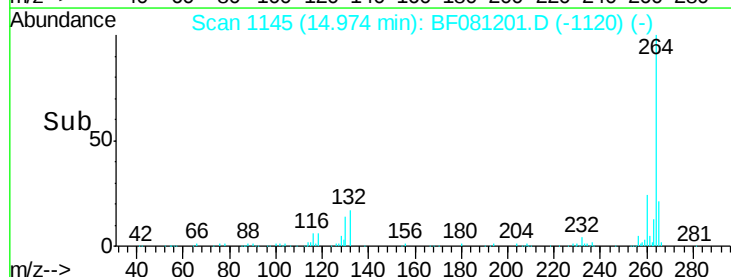
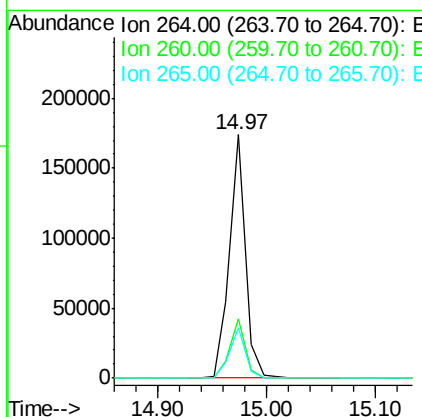
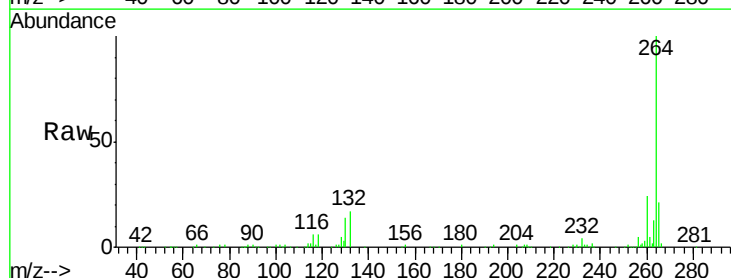
Instrument :
 BNA_F
 ClientSampleId :

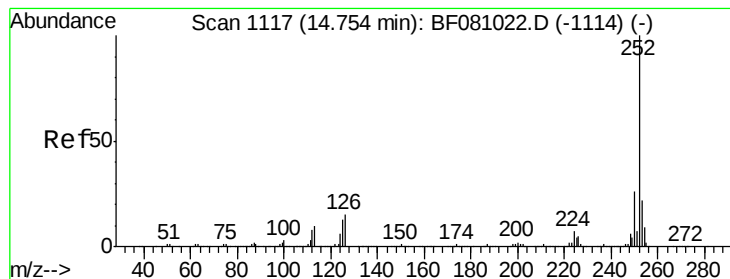
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.1	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 60.40 ng

RT: 14.65 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

Instrument :

BNA_F

ClientSampleId :

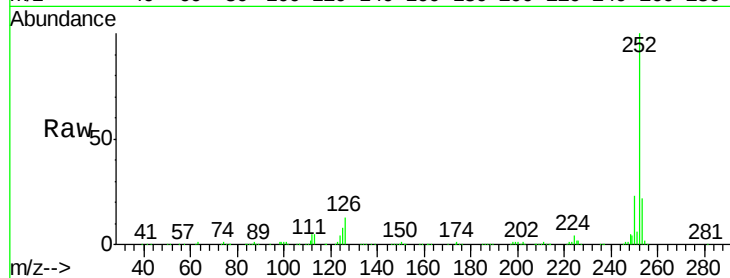
Tot Ion:252 Resp: 756916

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

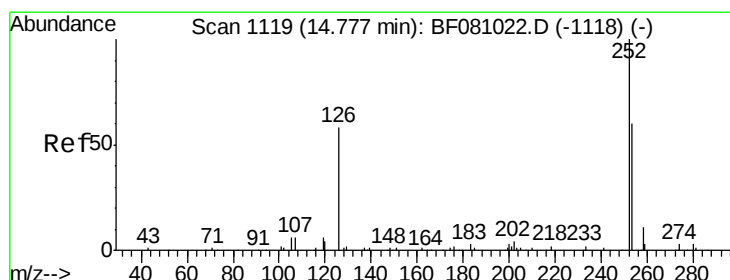
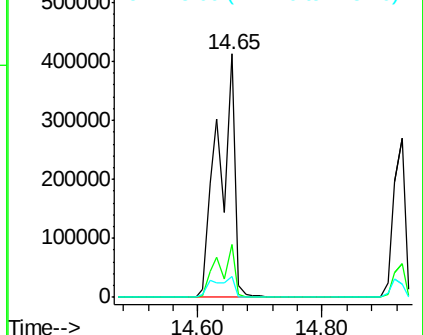
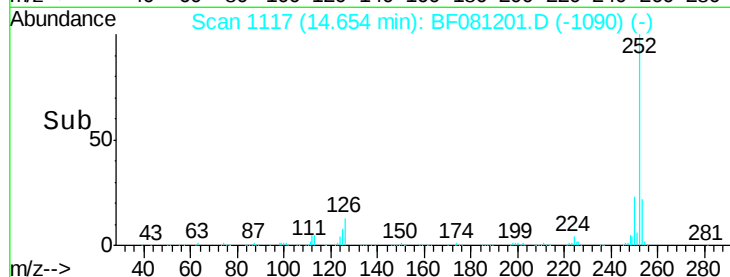
125 8.5 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 64.82 ng

RT: 14.65 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF081201.D

Acq: 25 Aug 2015 16:26

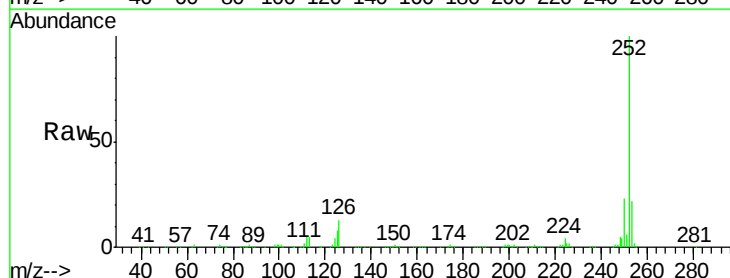
Tgt Ion:252 Resp: 756916

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

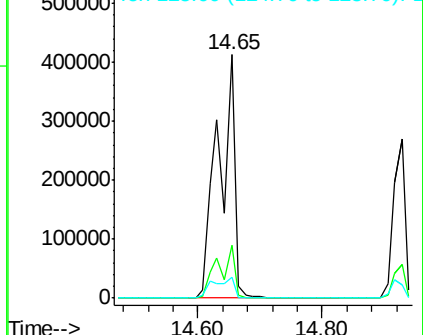
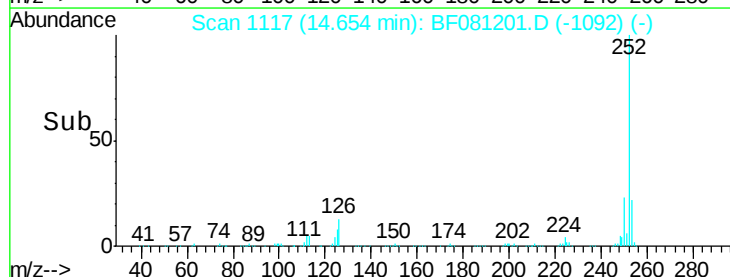
125 8.5 10.3 15.5#

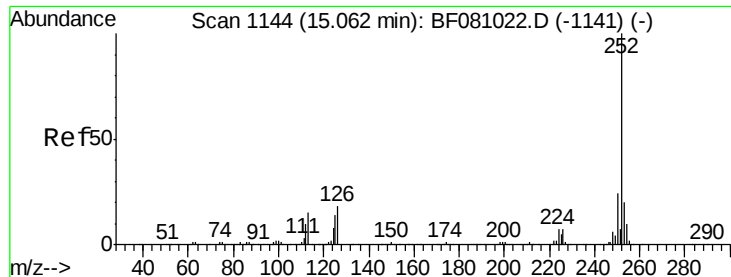


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

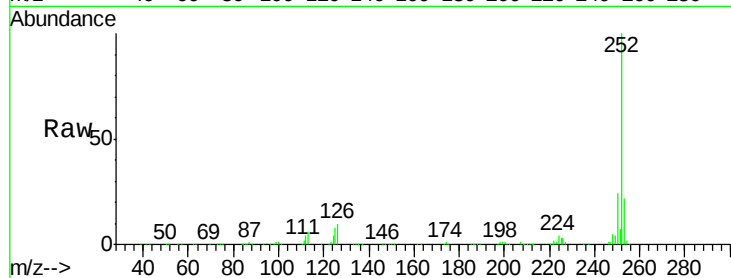




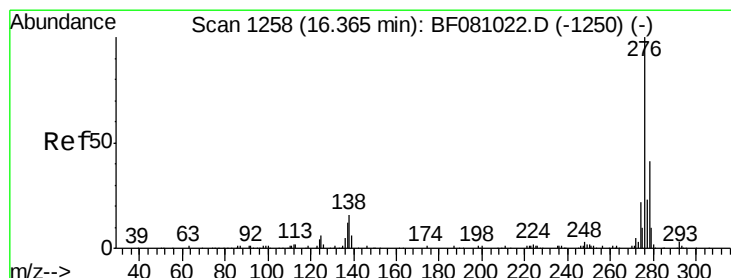
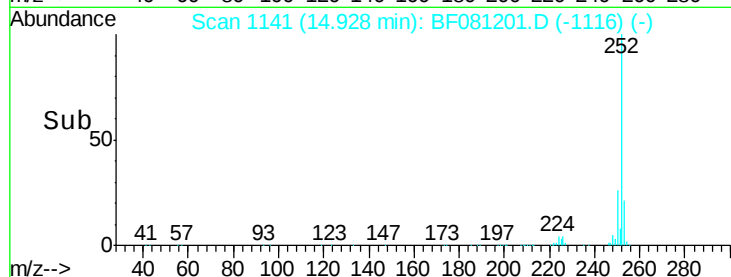
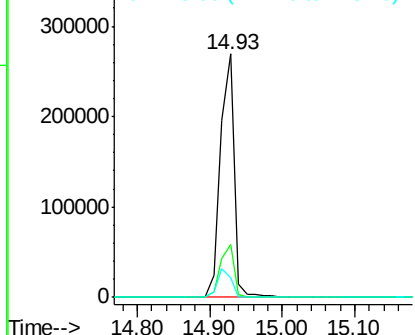
#89
Benzo(a)pyrene
Concen: 32.58 ng
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 355788
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 8.2 7.8 11.8

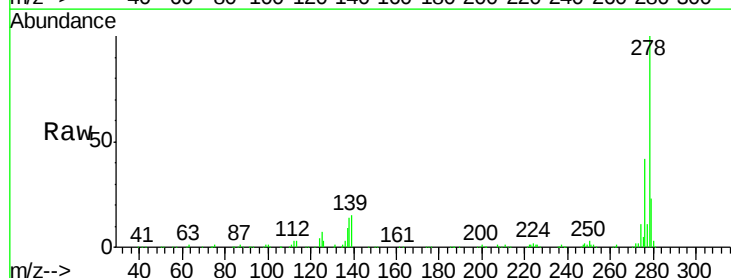


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

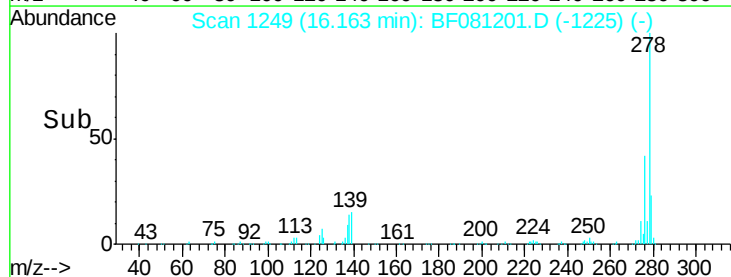
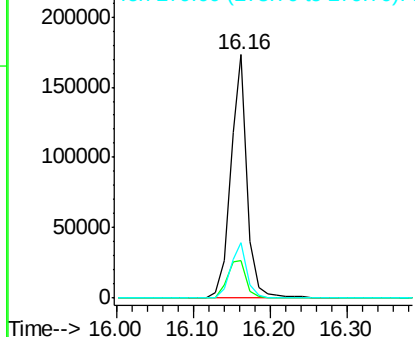


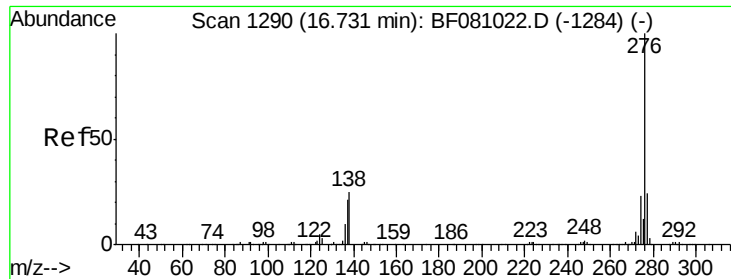
#90
Dibenzo(a,h)anthracene
Concen: 30.72 ng
RT: 16.16 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081201.D
Acq: 25 Aug 2015 16:26

Tgt Ion:278 Resp: 261389
Ion Ratio Lower Upper
278 100
139 15.3 10.8 16.2
279 23.0 19.0 28.6



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

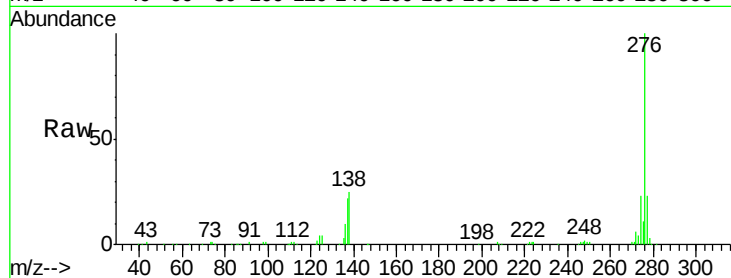




#91
 Benzo(a,h,i)perylene
 Concen: 28.96 ng
 RT: 16.49 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF081201.D
 Acq: 25 Aug 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.2
138	25.0	13.7	20.5



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

