

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081421.D
 Acq On : 4 Sep 2015 16:13
 Operator : UM/IZ
 Sample : PB85374BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:03:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	66277	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	260630	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	118933	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	248115	20.00	ng	0.00
75) Chrysene-d12	13.46	240	175050	20.00	ng	0.00
86) Perylene-d12	14.77	264	116069	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	442414	103.57	ng	0.01
7) Phenol-d6	6.03	99	626206	110.75	ng	0.00
23) Nitrobenzene-d5	6.94	82	381436	70.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	133723	126.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	590700	63.65	ng	-0.01
78) Terphenyl-d14	12.44	244	627031	83.38	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.75	88	47192	24.60	ng	# 90
3) Pyridine	2.28	79	159124	30.08	ng	91
4) n-Nitrosodimethylamine	2.25	42	101548	34.55	ng	79
6) Aniline	6.02	93	202841	25.40	ng	# 83
8) 2-Chlorophenol	6.15	128	171265	36.38	ng	86
9) Benzaldehyde	5.90	77	17320	4.89	ng	# 80
10) Phenol	6.04	94	187633	28.61	ng	# 33
11) bis(2-Chloroethyl)ether	6.11	93	159676	33.75	ng	88
12) 1,3-Dichlorobenzene	6.30	146	162982	32.41	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	163198	31.87	ng	# 88
14) 1,2-Dichlorobenzene	6.54	146	143262	31.07	ng	98
15) Benzyl Alcohol	6.52	79	150796	32.51	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	333938	36.82	ng	83
17) 2-Methylphenol	6.66	107	133761	35.61	ng	# 76
18) Hexachloroethane	6.87	117	63108	31.68	ng	94
19) n-Nitroso-di-n-propylamine	6.81	70	129523	33.66	ng	# 81
20) 3+4-Methylphenols	6.82	107	174003	34.36	ng	89
22) Acetophenone	6.79	105	229731	32.27	ng	# 75
24) Nitrobenzene	6.96	77	201489	35.92	ng	# 65
25) Isophorone	7.21	82	335794	33.42	ng	# 86
26) 2-Nitrophenol	7.28	139	87568	35.81	ng	# 55
27) 2,4-Dimethylphenol	7.35	122	146501	34.69	ng	# 84
28) bis(2-Chloroethoxy)methane	7.43	93	189361	32.63	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	132532	36.19	ng	95
30) 1,2,4-Trichlorobenzene	7.60	180	135447	34.05	ng	98
31) Naphthalene	7.67	128	428569	30.83	ng	98
32) Benzoic acid	7.48	122	77294	26.82	ng	# 61
33) 4-Chloroaniline	7.74	127	132634	23.39	ng	# 81
34) Hexachlorobutadiene	7.80	225	81632	33.72	ng	99
35) Caprolactam	8.11	113	24771	22.05	ng	# 28
36) 4-Chloro-3-methylphenol	8.25	107	149507	36.47	ng	# 82
37) 2-Methylnaphthalene	8.36	142	298563	33.01	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	116492	30.97	ng	99
40) Hexachlorocyclopentadiene	8.52	237	115727	62.69	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	80903	31.17	nq	100
43) 2,4,5-Trichlorophenol	8.71	196	87705	33.12	nq	# 94
45) 1,1'-Biphenyl	8.83	154	350886	32.07	nq	94
46) 2-Chloronaphthalene	8.84	162	253460	32.08	nq	# 90
47) 2-Nitroaniline	8.96	65	115338	35.81	nq	# 73
48) Acenaphthylene	9.26	152	440610	31.43	nq	97
49) Dimethylphthalate	9.15	163	318963	34.52	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	60100	28.66	nq	# 4
51) Acenaphthene	9.43	154	266252	33.39	nq	91
52) 3-Nitroaniline	9.37	138	62223	26.06	nq	# 77
53) 2,4-Dinitrophenol	9.47	184	53238	60.27	nq	# 1
54) Dibenzofuran	9.60	168	407501	35.00	nq	# 90
55) 4-Nitrophenol	9.60	139	263089	175.39	nq	# 31
56) 2,4-Dinitrotoluene	9.60	165	80343	30.09	nq	# 6
57) Fluorene	9.93	166	278868	31.56	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	75986	37.58	nq	94
59) Diethylphthalate	9.84	149	304675	31.35	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	148677	36.10	nq	98
61) 4-Nitroaniline	9.98	138	68380	28.35	nq	# 22
62) Azobenzene	10.09	77	358214	33.15	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.01	198	45254	32.61	nq	86
65) n-Nitrosodiphenylamine	10.07	169	261684	28.98	nq	90
66) 4-Bromophenyl-phenylether	10.42	248	91182	36.35	nq	97
67) Hexachlorobenzene	10.48	284	91093	34.73	nq	# 80
68) Atrazine	10.60	200	97743	37.41	nq	82
69) Pentachlorophenol	10.67	266	86483	69.07	nq	98
70) Phenanthrene	10.88	178	444376	32.22	nq	96
71) Anthracene	10.94	178	490408	34.61	nq	99
72) Carbazole	11.10	167	455999	34.29	nq	96
73) Di-n-butylphthalate	11.45	149	544214	34.66	nq	# 98
74) Fluoranthene	12.06	202	487838	32.67	nq	85
76) Benzidine	12.19	184	210067	27.95	nq	97
77) Pyrene	12.27	202	497534	38.37	nq	98
79) Butylbenzylphthalate	12.93	149	215541	38.22	nq	# 83
80) Benzo(a)anthracene	13.45	228	376609	33.78	nq	96
81) 3,3'-Dichlorobenzidine	13.43	252	93428	24.85	nq	# 94
82) Chrysene	13.49	228	318755	31.90	nq	94
83) Bis(2-ethylhexyl)phthalate	13.50	149	268262	36.05	nq	# 93
84) Di-n-octyl phthalate	14.10	149	387995	31.66	nq	98
85) Indeno(1,2,3-cd)pyrene	15.84	276	266408	36.34	nq	# 89
87) Benzo(b)fluoranthene	14.47	252	571560	68.97	nq	# 86
88) Benzo(k)fluoranthene	14.47	252	571560	83.13	nq	# 87
89) Benzo(a)pyrene	14.72	252	251634	35.84	nq	# 87
90) Dibenzo(a,h)anthracene	15.85	278	222341	40.98	nq	# 83
91) Benzo(g,h,i)perylene	16.16	276	225661	43.58	nq	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

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BNA_F

ClientSampled :

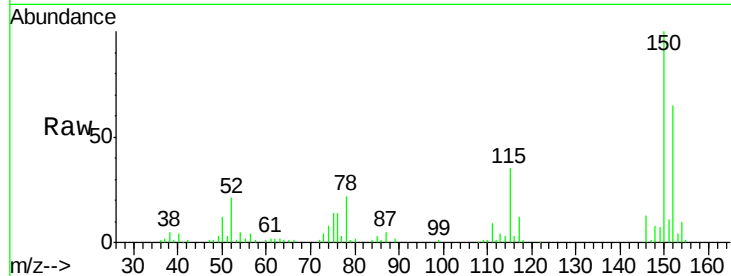
Tot Ion:152 Resp: 66277

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

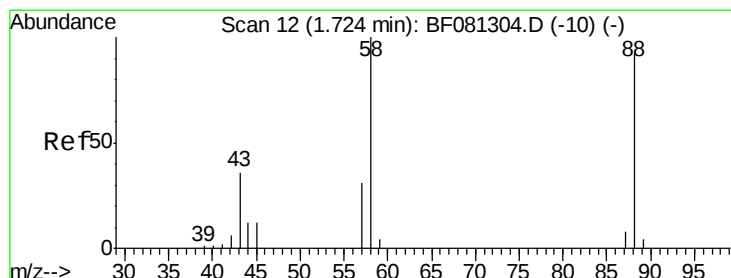
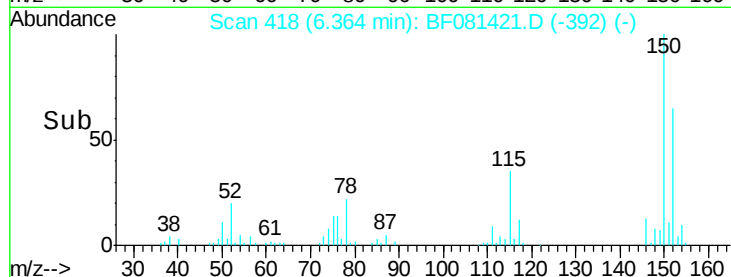
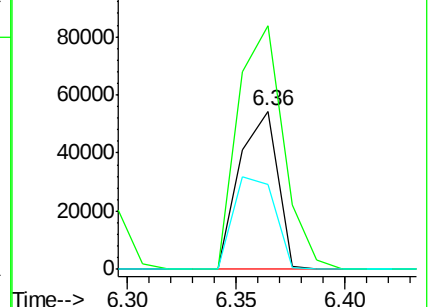
115 53.9 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.60 ng

RT: 1.75 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

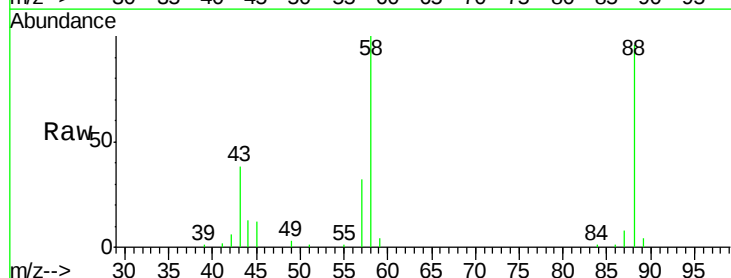
Tgt Ion: 88 Resp: 47192

Ion Ratio Lower Upper

88 100

58 105.8 77.7 116.5

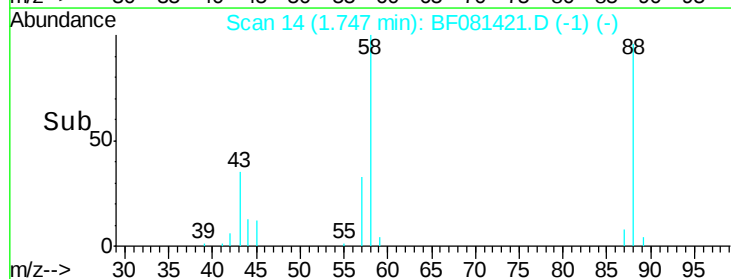
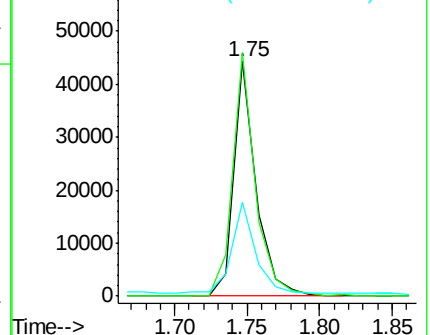
43 41.7 26.6 40.0#

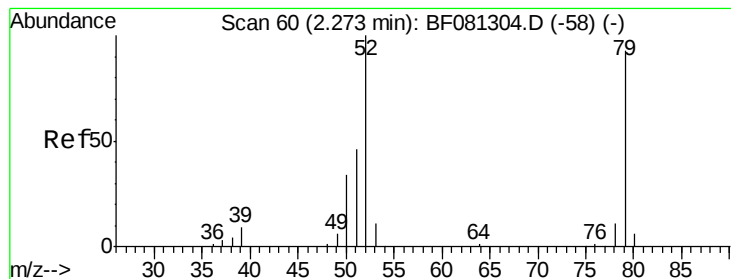


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.08 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.06 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

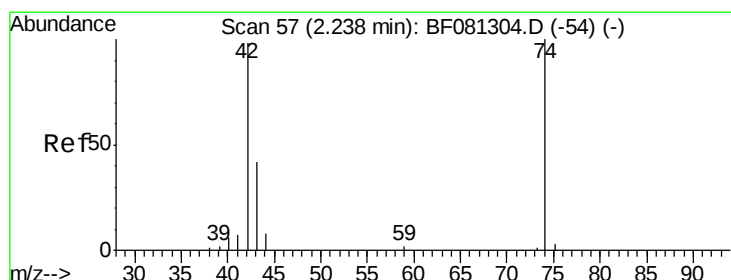
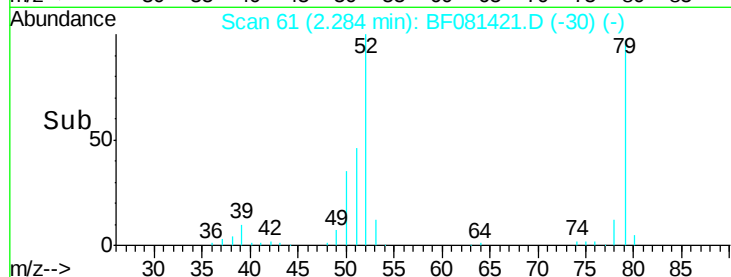
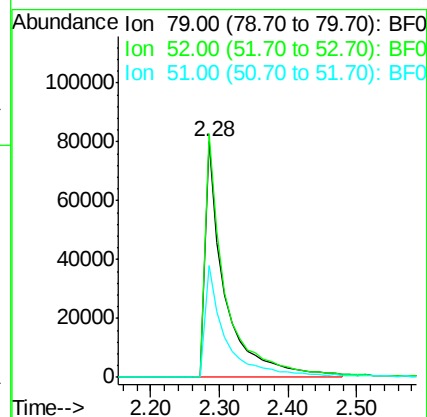
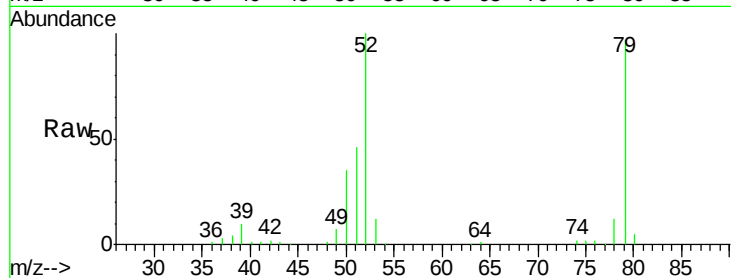
Tot Ion: 79 Resp: 159124

Ion Ratio Lower Upper

79 100

52 103.3 76.8 115.2

51 47.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.55 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.06 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

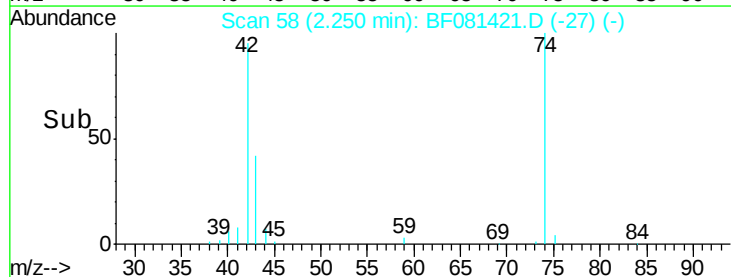
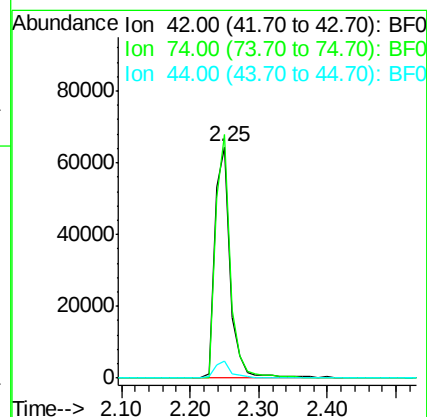
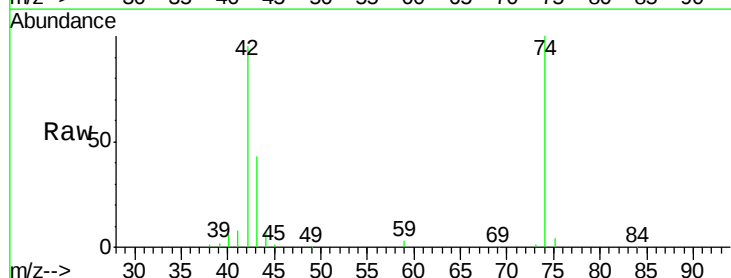
Tgt Ion: 42 Resp: 101548

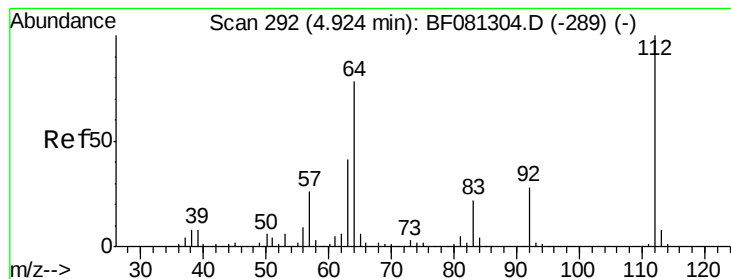
Ion Ratio Lower Upper

42 100

74 105.5 105.0 157.6

44 7.6 6.6 10.0

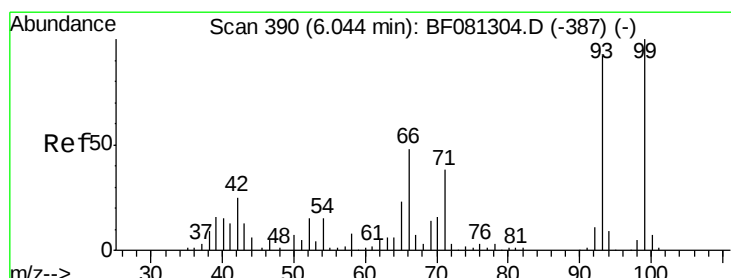
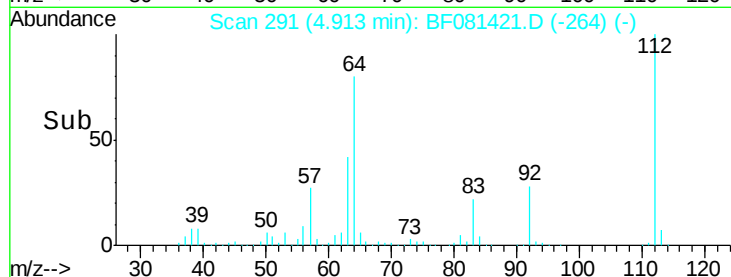
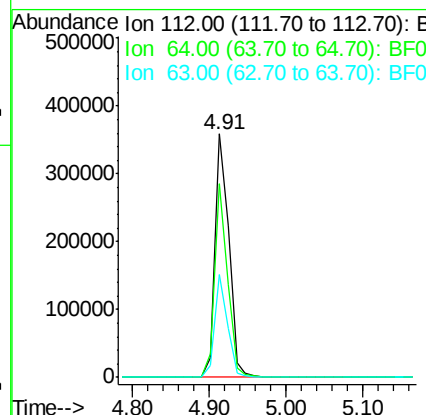
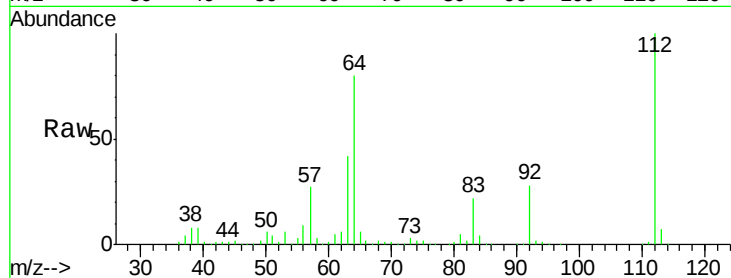




#5
 2-Fluorophenol
 Concen: 103.57 ng
 RT: 4.91 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

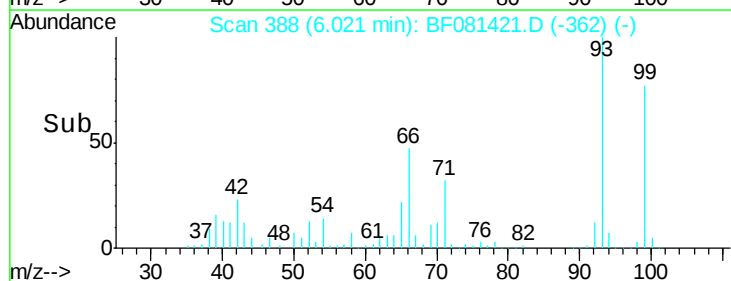
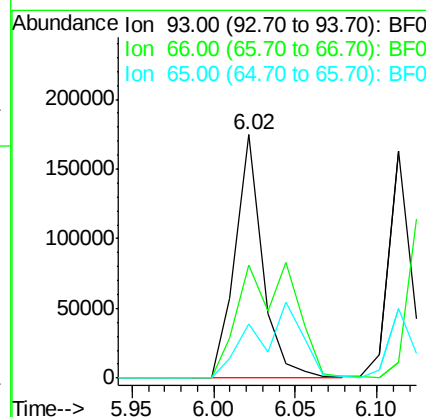
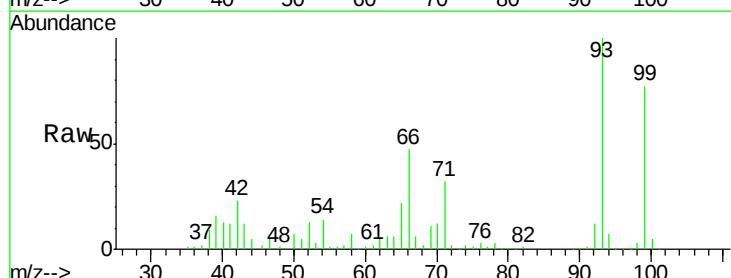
Instrument :
 BNA_F
 ClientSampled :

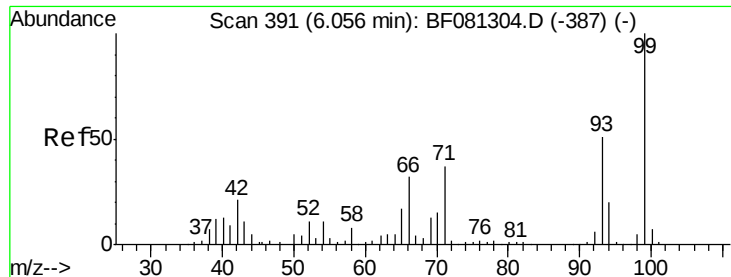
Tot Ion:112 Resp: 442414
 Ion Ratio Lower Upper
 112 100
 64 79.8 39.7 59.5#
 63 42.0 17.4 26.0#



#6
 Aniline
 Concen: 25.40 ng
 RT: 6.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion: 93 Resp: 202841
 Ion Ratio Lower Upper
 93 100
 66 46.5 27.2 40.8#
 65 22.4 14.7 22.1#





#7

Phenol-d6

Concen: 110.75 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampled :

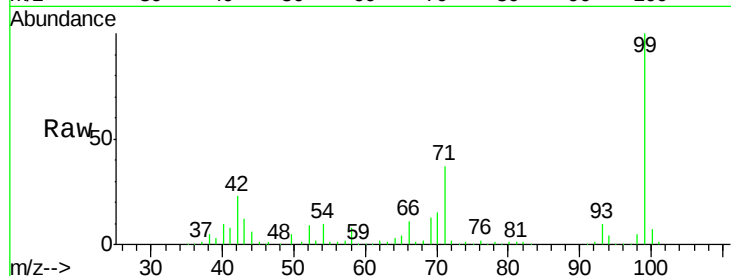
Tot Ion: 99 Resp: 626206

Ion Ratio Lower Upper

99 100

42 23.1 13.7 20.5#

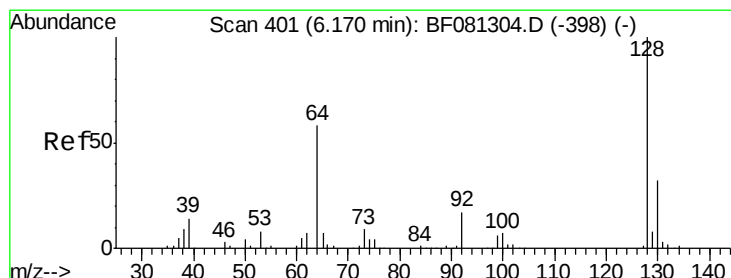
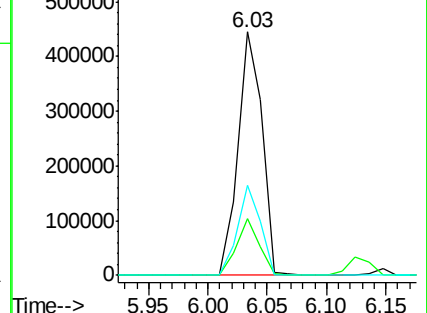
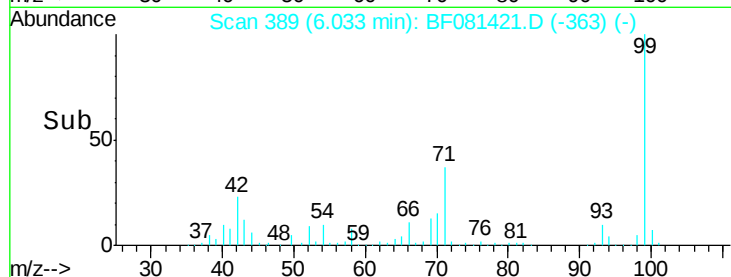
71 37.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.38 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

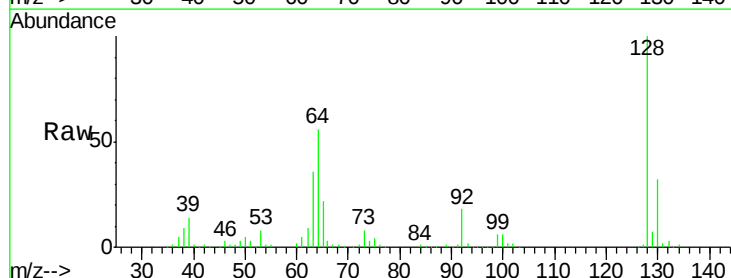
Tgt Ion: 128 Resp: 171265

Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

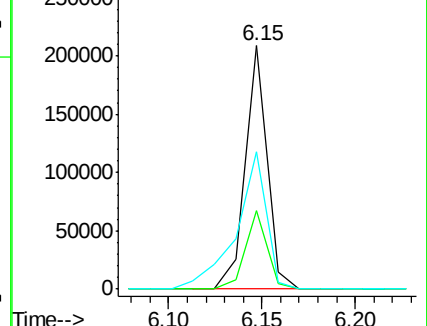
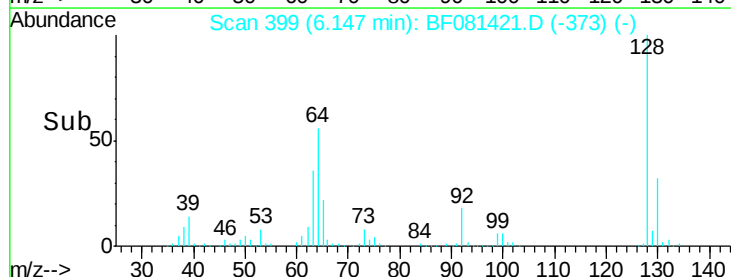
64 56.4 20.5 60.5

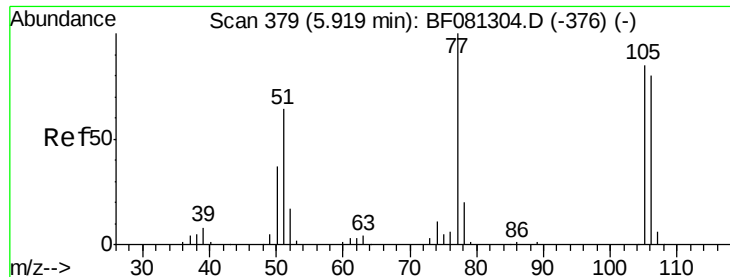


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

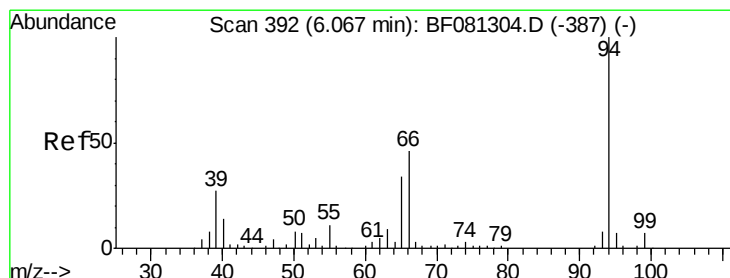
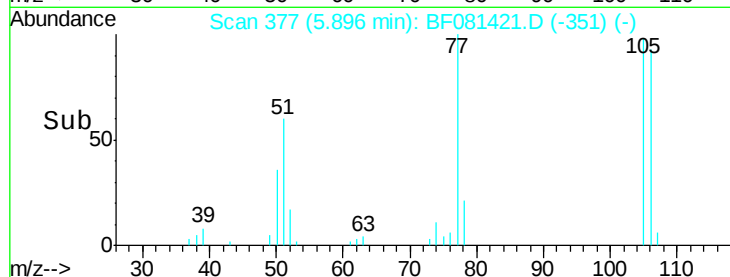
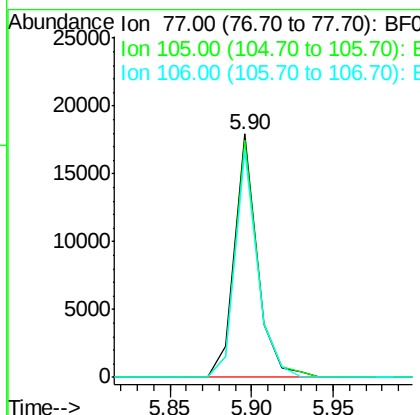
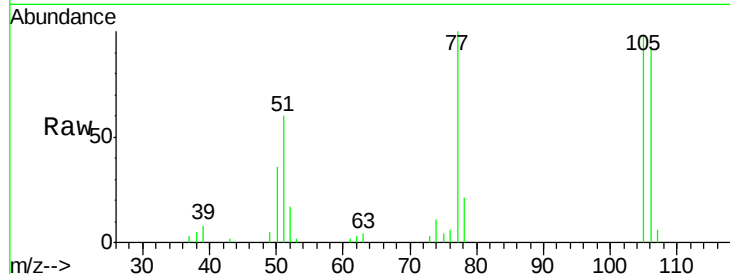




#9
Benzaldehyde
Concen: 4.89 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

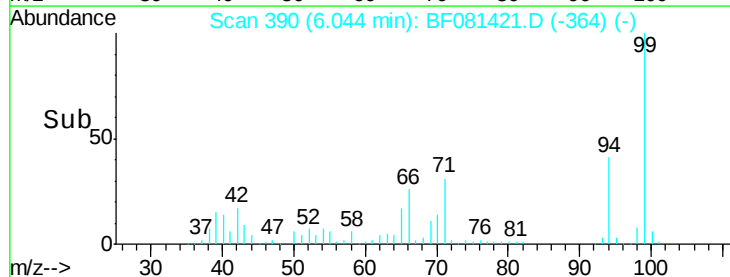
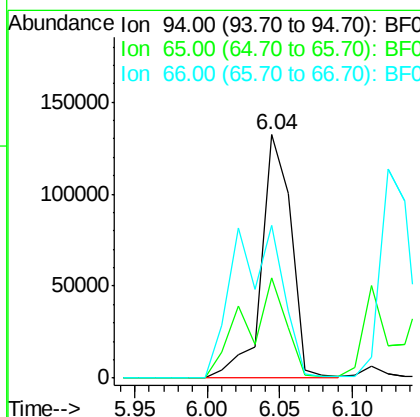
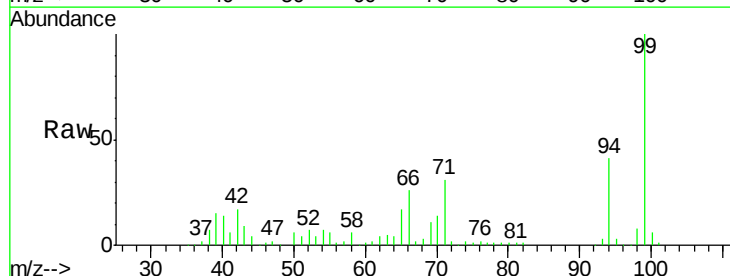
Instrument :
BNA_F
ClientSampled :

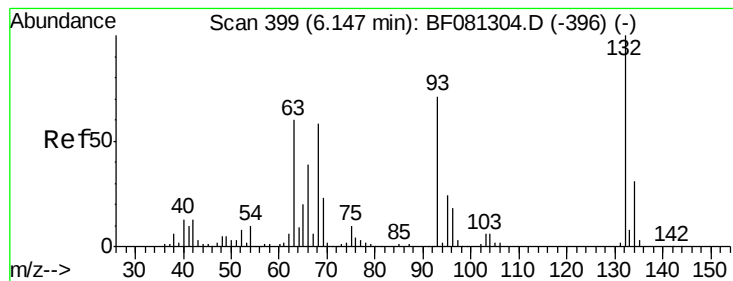
Tot Ion: 77 Resp: 17320
Ion Ratio Lower Upper
77 100
105 97.6 91.6 131.6
106 93.1 102.6 142.6#



#10
Phenol
Concen: 28.61 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion: 94 Resp: 187633
Ion Ratio Lower Upper
94 100
65 41.2 0.7 40.7#
66 62.5 0.8 40.8#

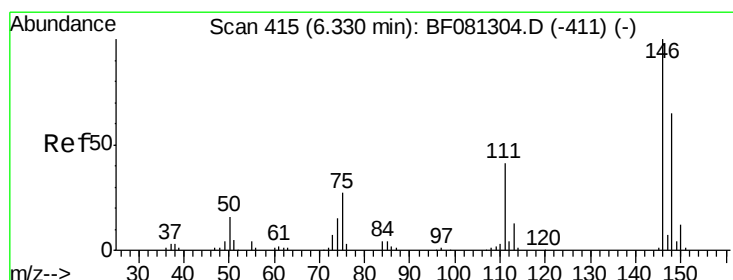
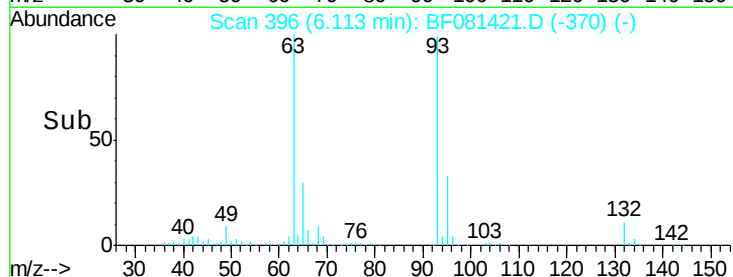
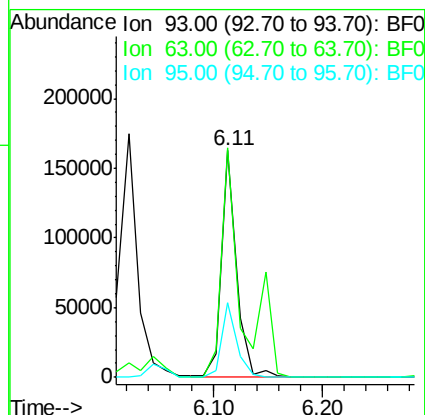
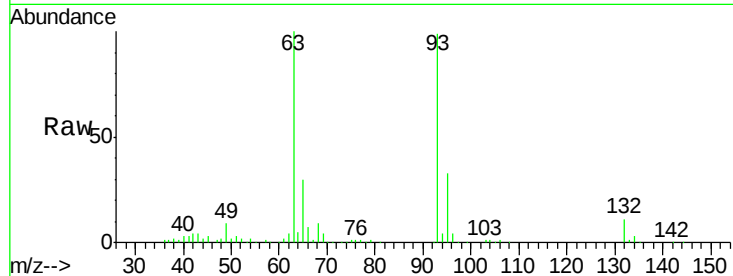




#11
bis(2-Chloroethyl)ether
Concen: 33.75 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

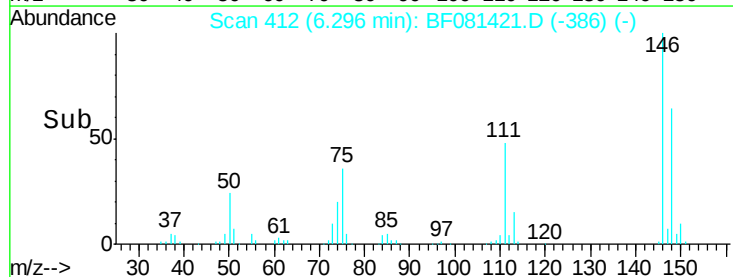
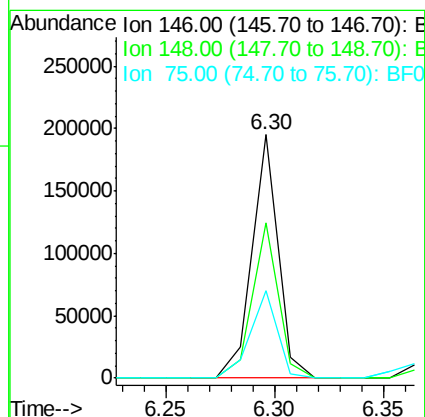
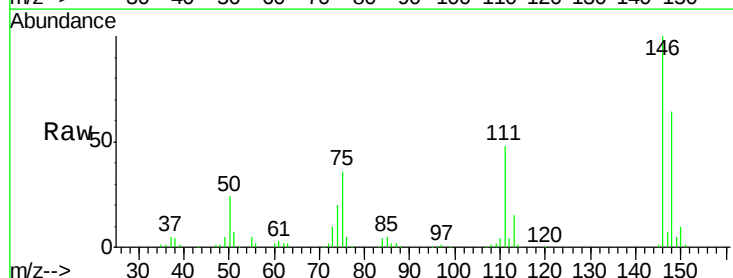
Instrument :
BNA_F
ClientSampleId :

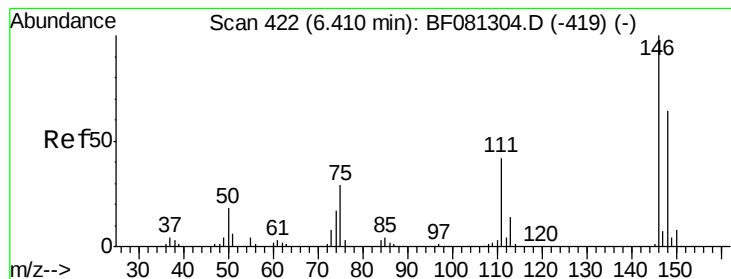
Tot Ion: 93 Resp: 159676
Ion Ratio Lower Upper
93 100
63 101.2 65.6 105.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.41 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion: 146 Resp: 162982
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 36.1 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 31.87 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

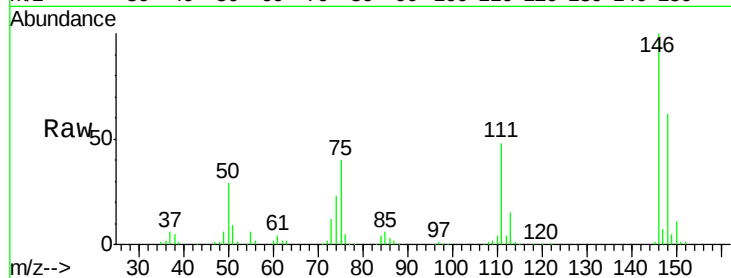
Tot Ion:146 Resp: 163198

Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.6

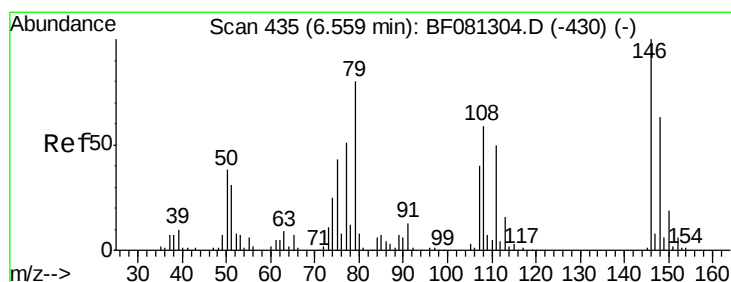
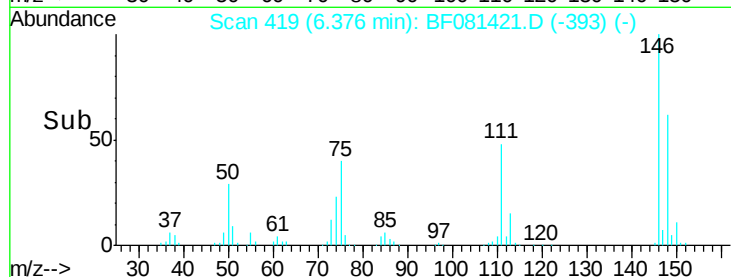
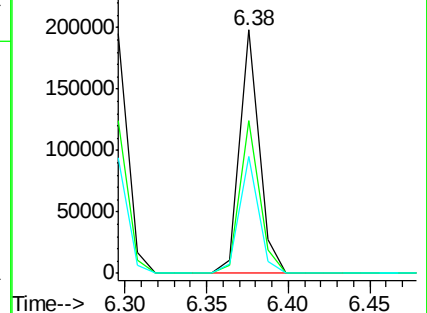
111 47.9 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.07 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

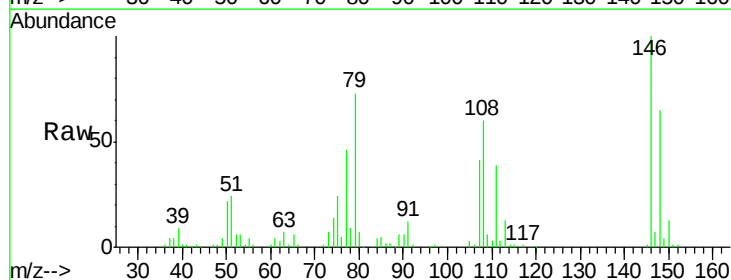
Tgt Ion:146 Resp: 143262

Ion Ratio Lower Upper

146 100

148 65.1 52.7 79.1

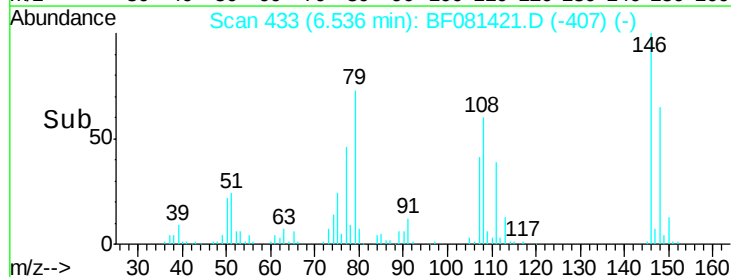
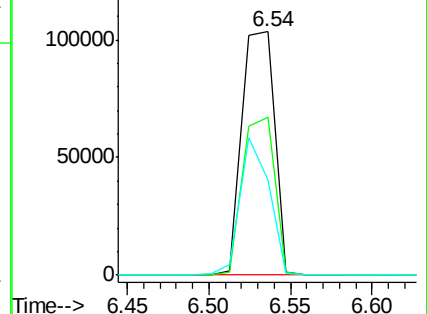
111 38.9 28.8 43.2

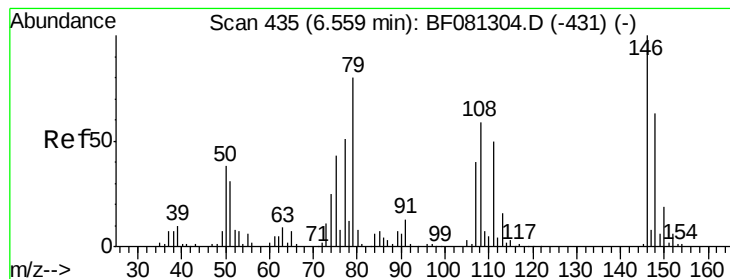


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.51 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampled :

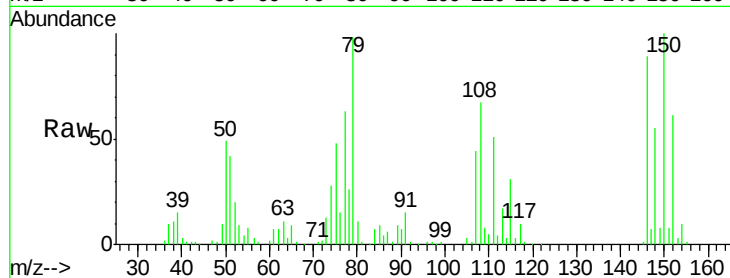
Tot Ion: 79 Resp: 150796

Ion Ratio Lower Upper

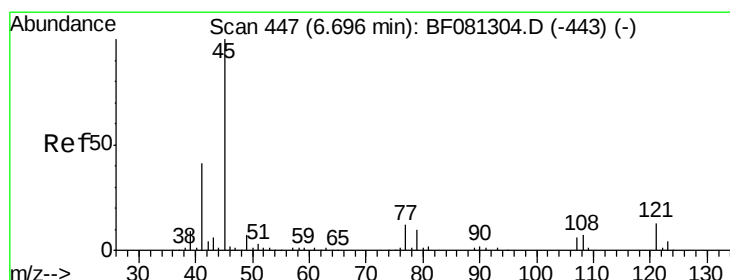
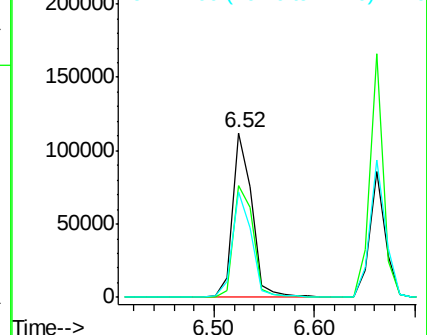
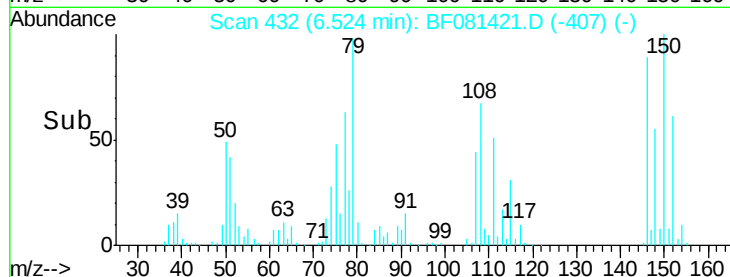
79 100

108 68.0 88.6 132.8#

77 63.9 47.0 70.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.82 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

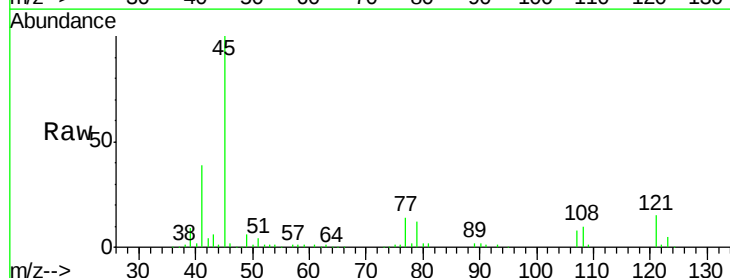
Tgt Ion: 45 Resp: 333938

Ion Ratio Lower Upper

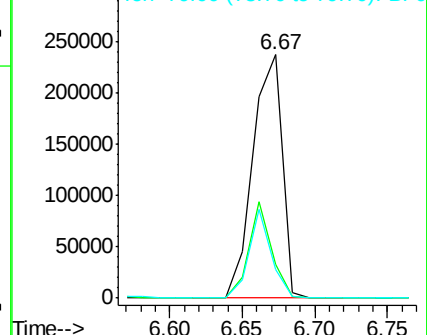
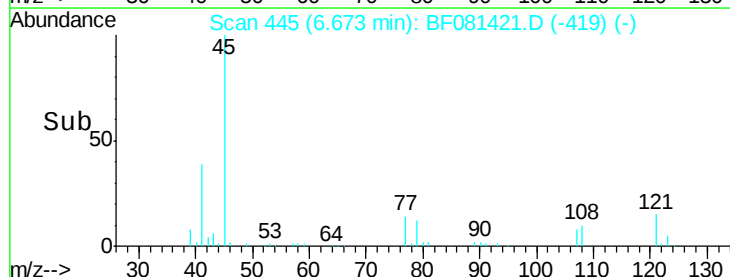
45 100

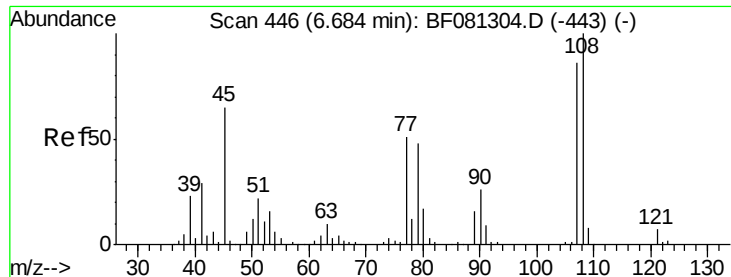
77 13.9 0.0 28.1

79 12.0 0.0 26.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

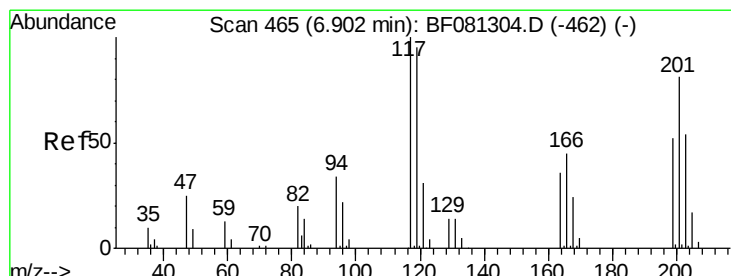
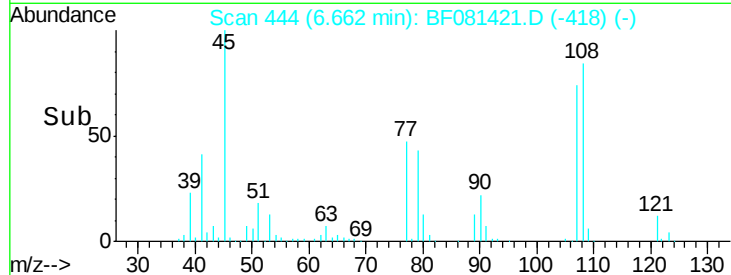
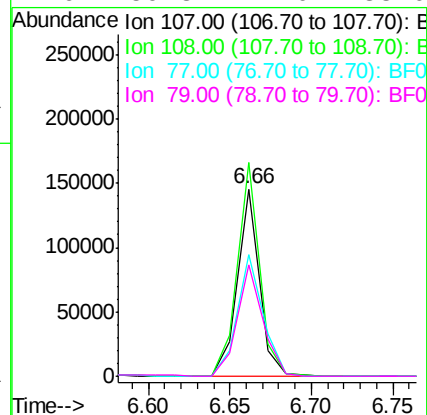
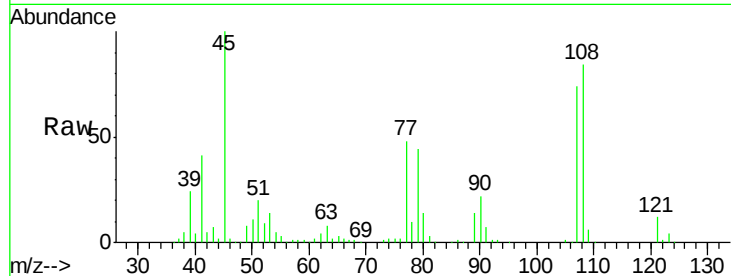




#17
 2-Methylphenol
 Concen: 35.61 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

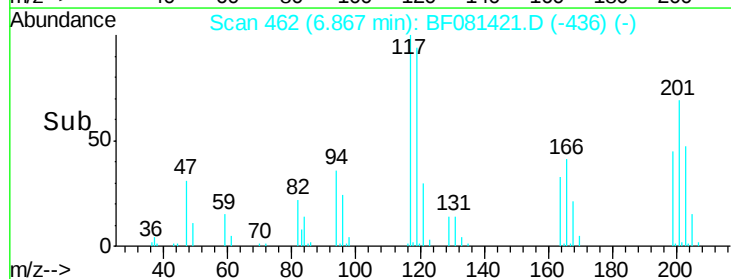
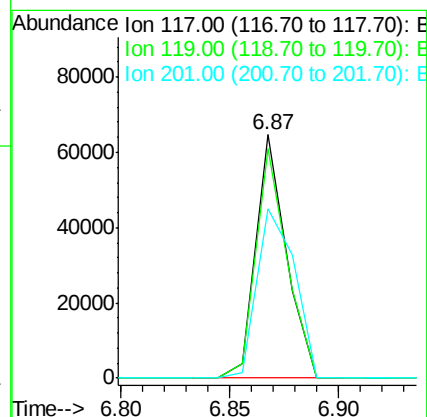
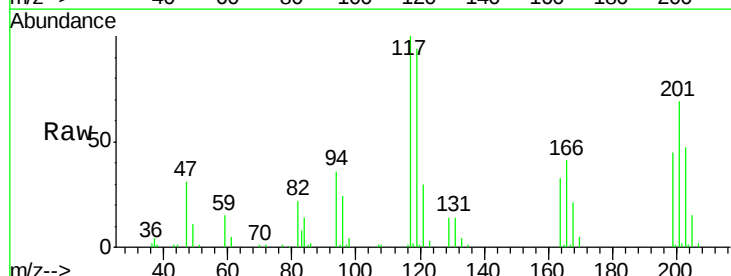
Instrument :
 BNA_F
 ClientSampleId :

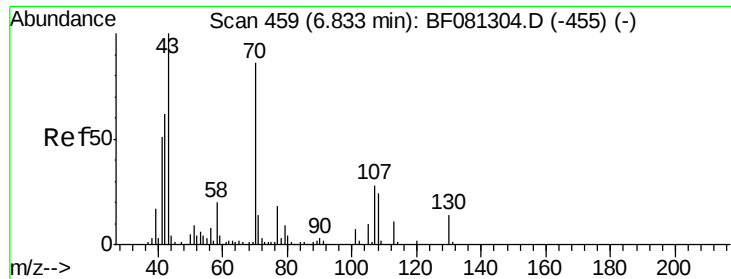
Tot Ion:	107	Resp:	133761
Ion	Ratio	Lower	Upper
107	100		
108	114.3	96.6	145.0
77	64.8	23.3	34.9#
79	59.3	22.0	33.0#



#18
 Hexachloroethane
 Concen: 31.68 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:	117	Resp:	63108
Ion	Ratio	Lower	Upper
117	100		
119	94.4	83.8	125.6
201	69.5	55.1	82.7

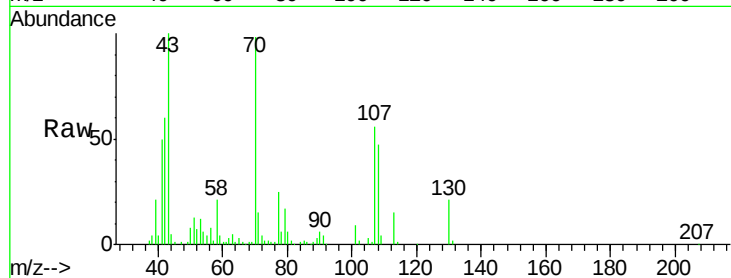




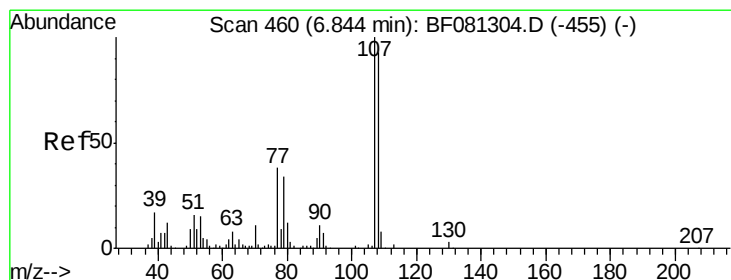
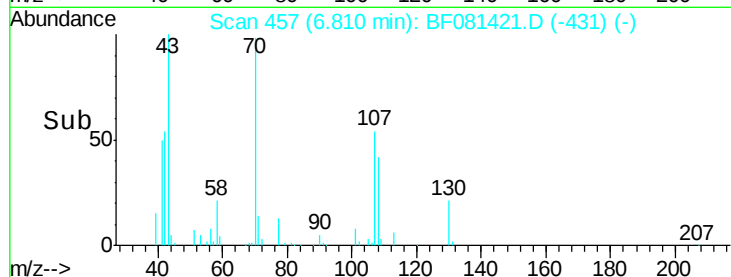
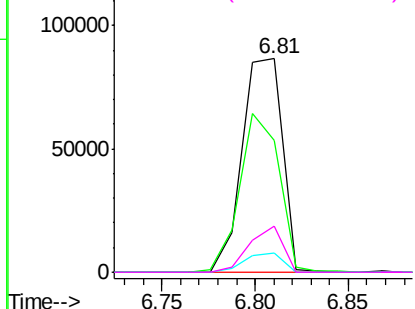
#19
n-Nitroso-di-n-propylamine
Concen: 33.66 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 129523
Ion Ratio Lower Upper
70 100
42 61.7 63.8 95.6#
101 9.3 9.2 13.8
130 21.7 27.3 40.9#



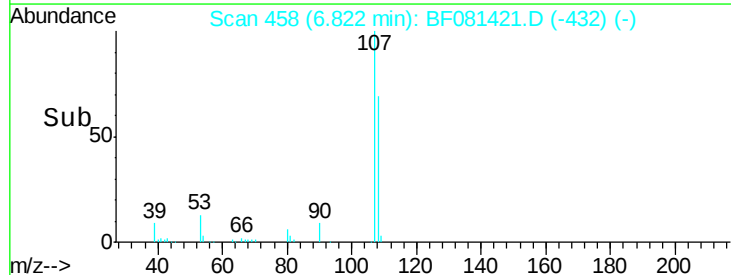
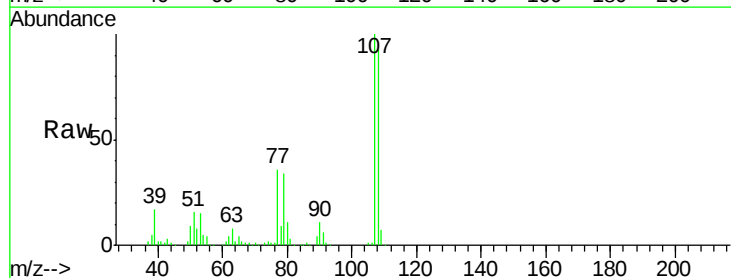
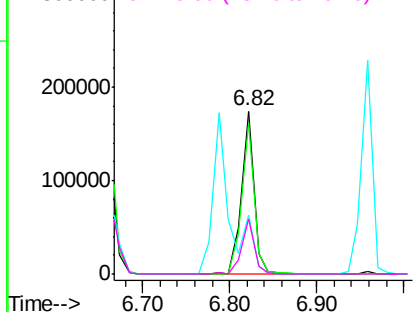
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 34.36 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion: 107 Resp: 174003
Ion Ratio Lower Upper
107 100
108 93.0 74.6 114.6
77 36.3 0.7 40.7
79 33.5 0.0 38.9

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: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081421.D

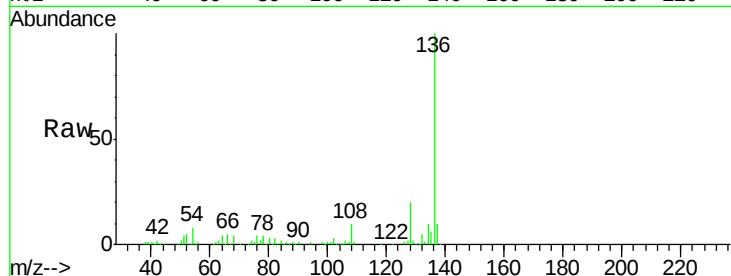
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	260630
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	8.1	8.2 12.2#
68	4.2	5.8 8.6#

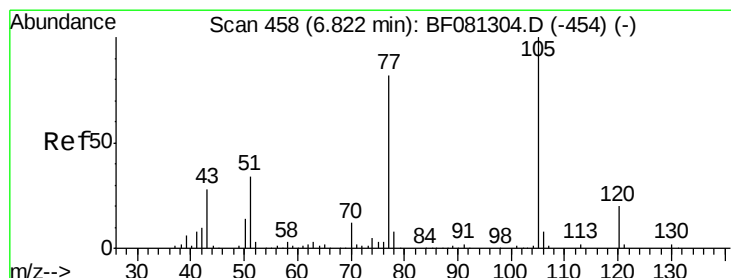
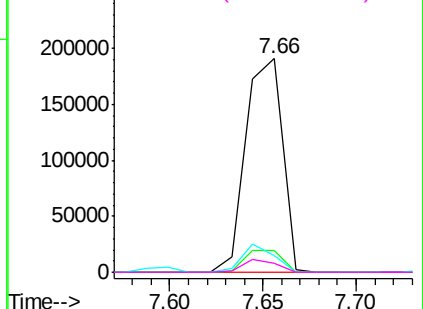
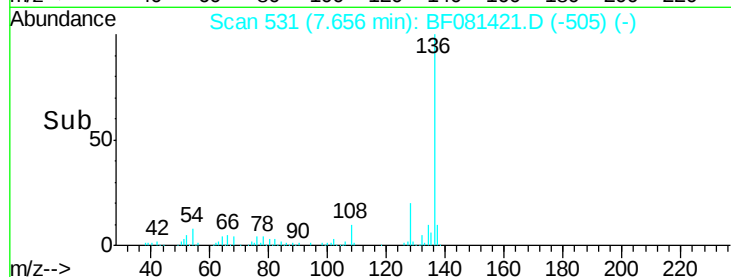


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.27 ng

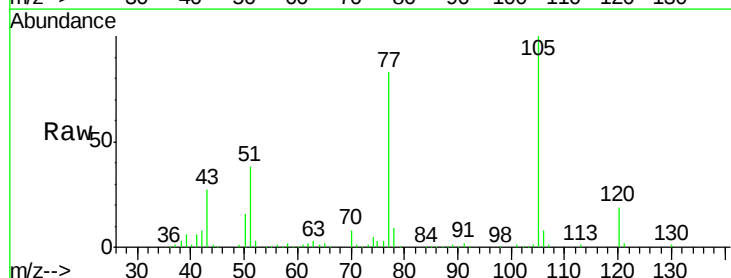
RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:105	Resp:	229731
Ion Ratio	Lower	Upper
105	100	
71	1.3	4.7 7.1#
51	37.5	22.0 33.0#
120	19.0	30.1 45.1#

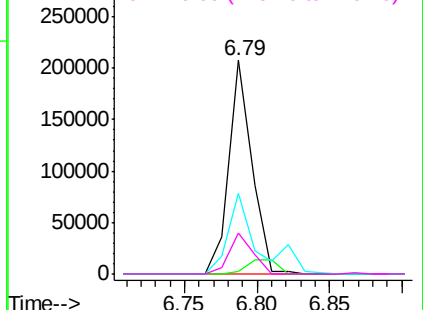
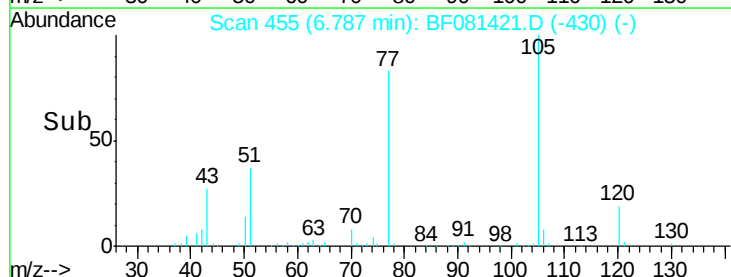


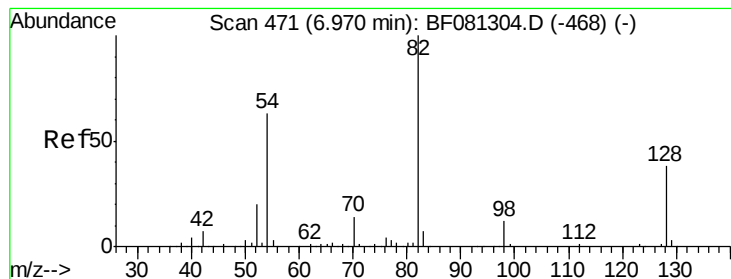
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 70.61 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081421.D

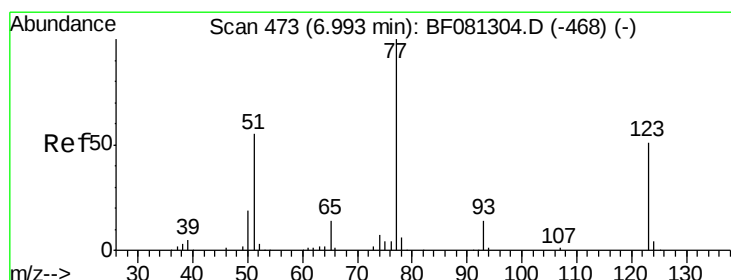
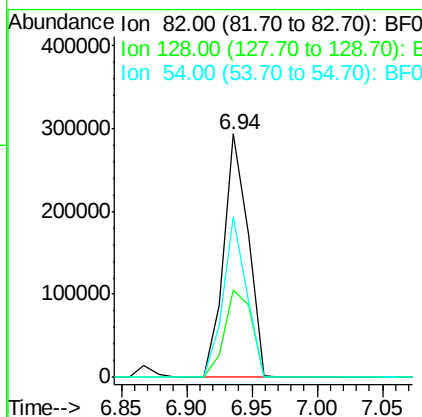
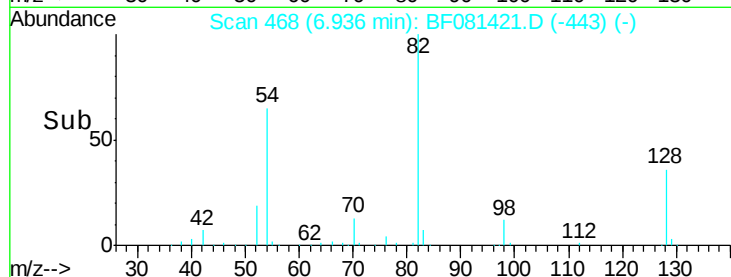
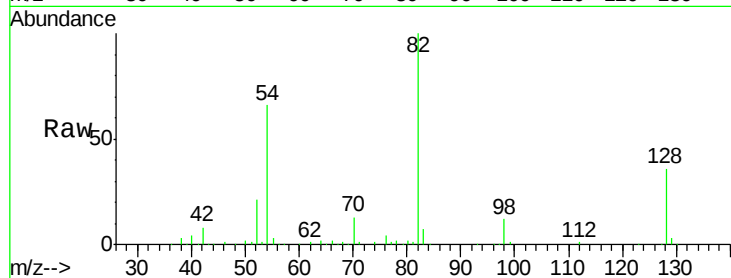
Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	381436
Ion Ratio	Lower	Upper	
82	100		
128	36.2	51.0	76.6#
54	66.0	47.5	71.3



#24

Nitrobenzene

Concen: 35.92 ng

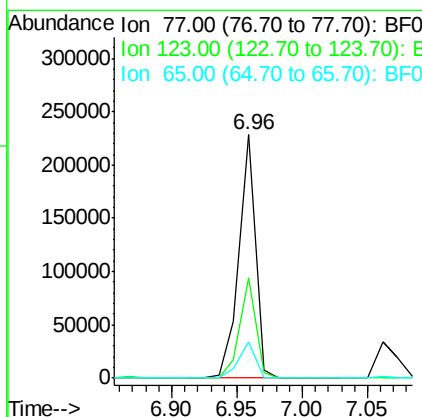
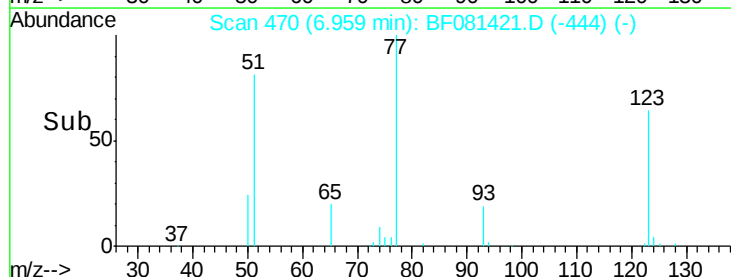
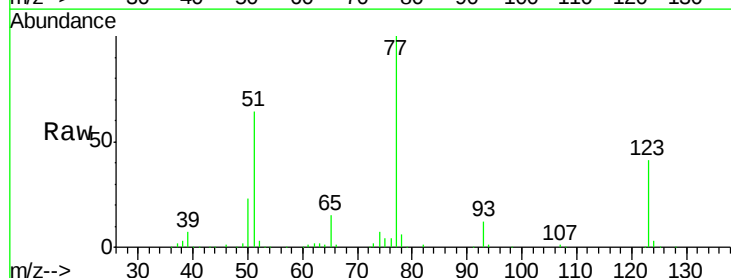
RT: 6.96 min Scan# 470

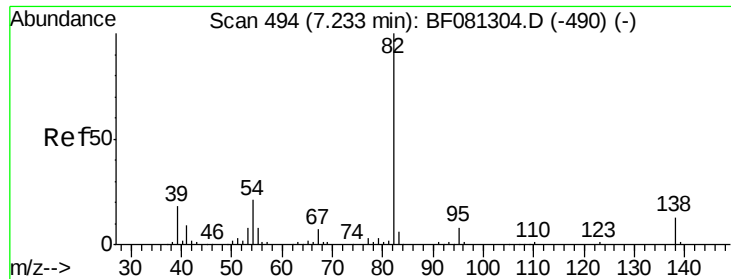
Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion:	77	Resp:	201489
Ion Ratio	Lower	Upper	
77	100		
123	41.0	59.8	89.8#
65	14.9	10.2	15.4





#25

Isophorone

Concen: 33.42 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

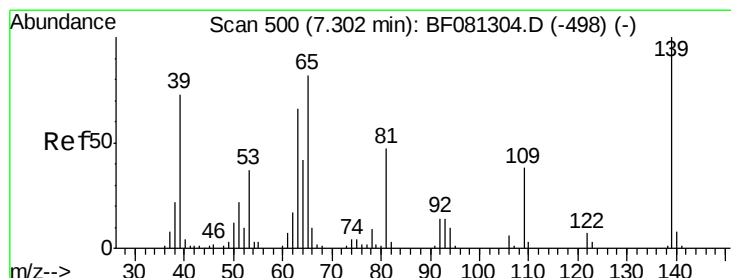
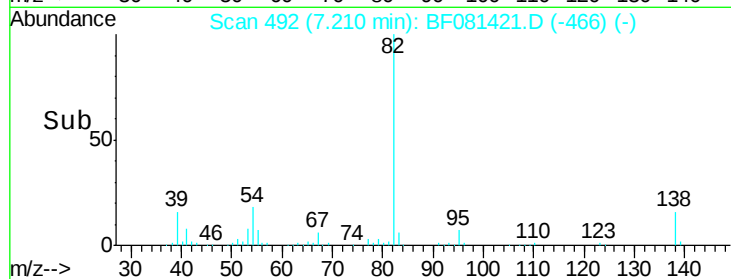
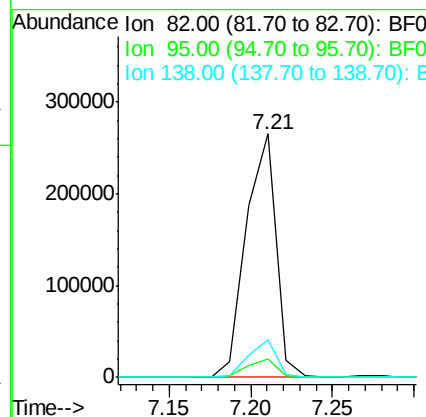
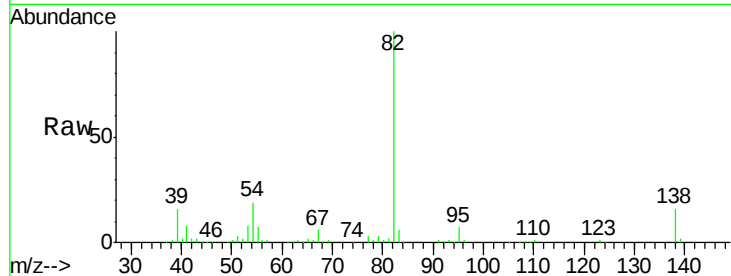
Tot Ion: 82 Resp: 335794

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 15.5 18.3 27.5#



#26

2-Nitrophenol

Concen: 35.81 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

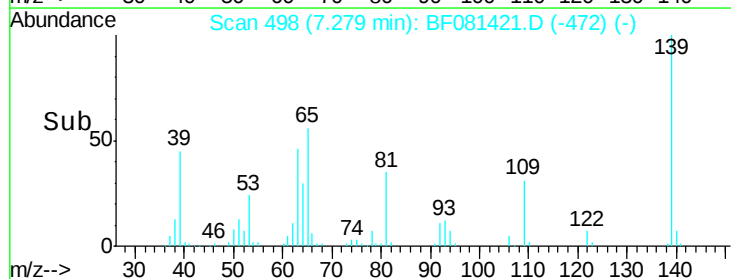
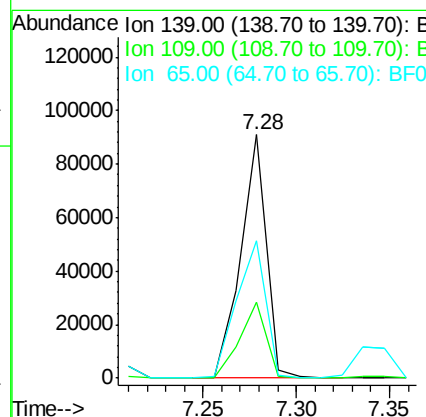
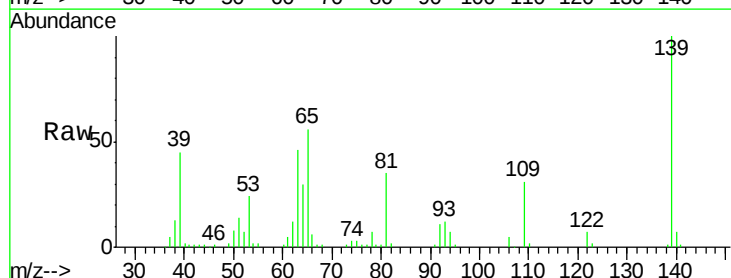
Tgt Ion: 139 Resp: 87568

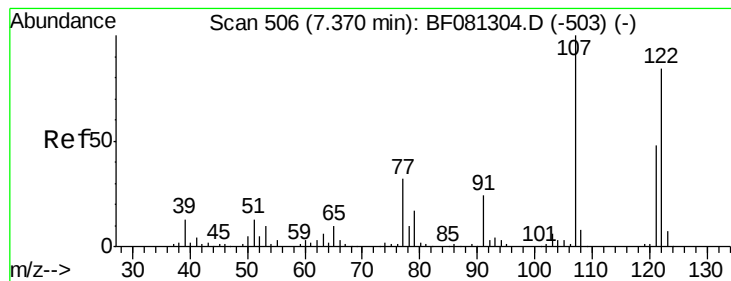
Ion Ratio Lower Upper

139 100

109 31.0 11.0 16.4#

65 56.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 34.69 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

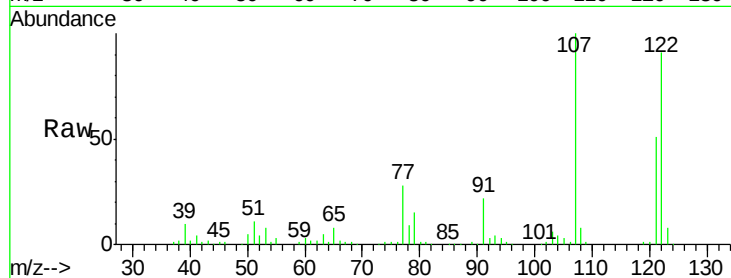
Tot Ion:122 Resp: 146501

Ion Ratio Lower Upper

122 100

107 110.3 71.8 107.6#

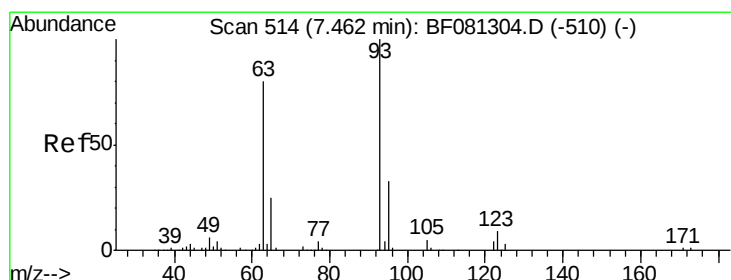
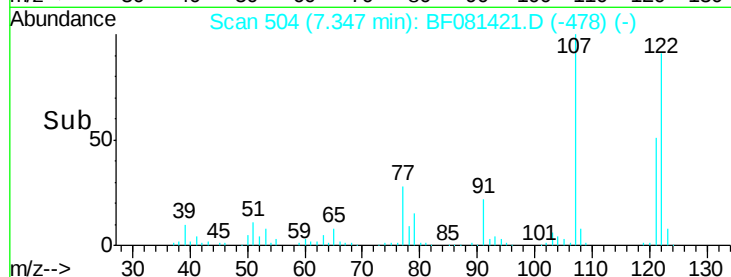
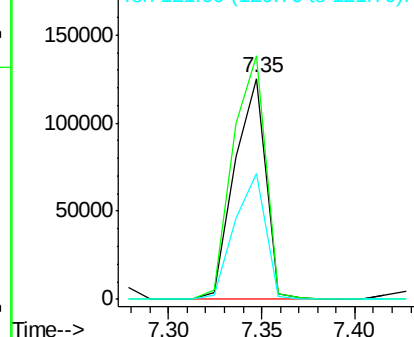
121 56.8 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.63 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

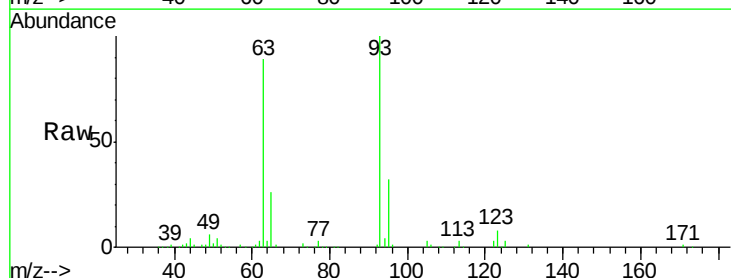
Tgt Ion: 93 Resp: 189361

Ion Ratio Lower Upper

93 100

95 32.3 27.5 41.3

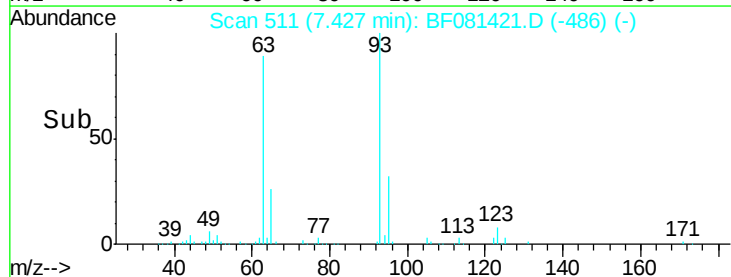
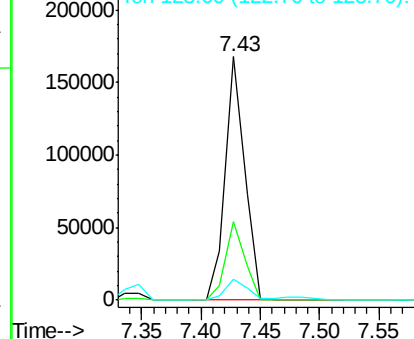
123 8.5 13.7 20.5#

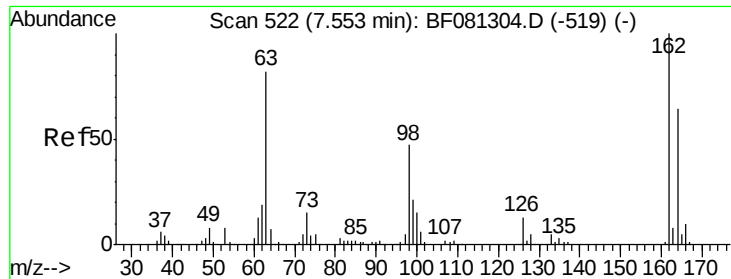


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

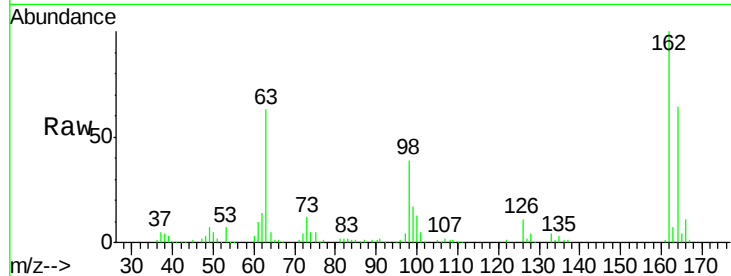




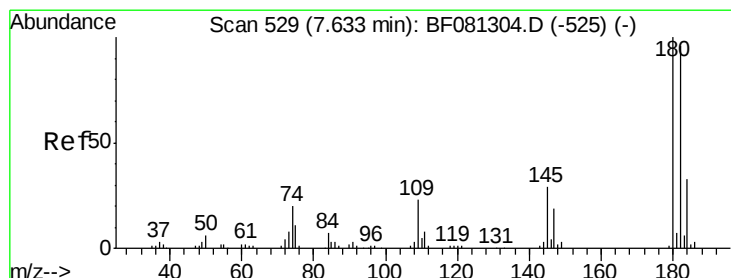
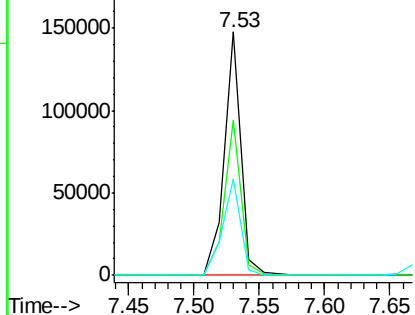
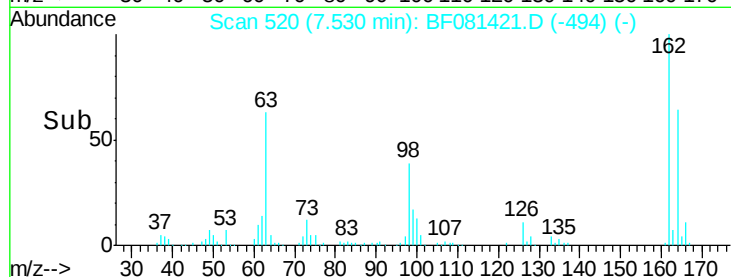
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	39.4	13.0	53.0

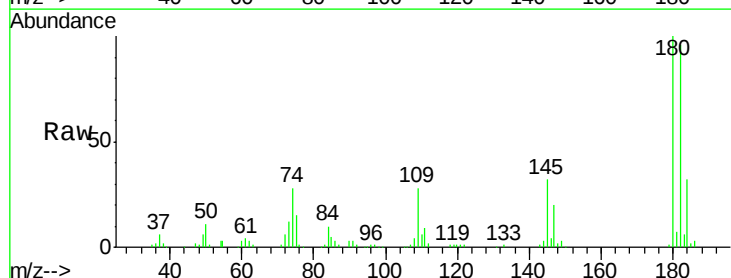


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

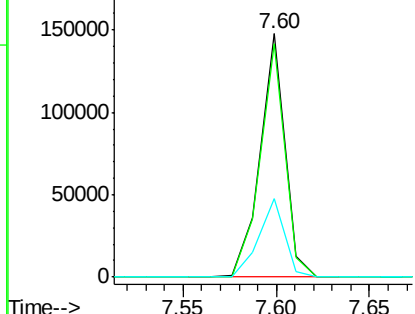
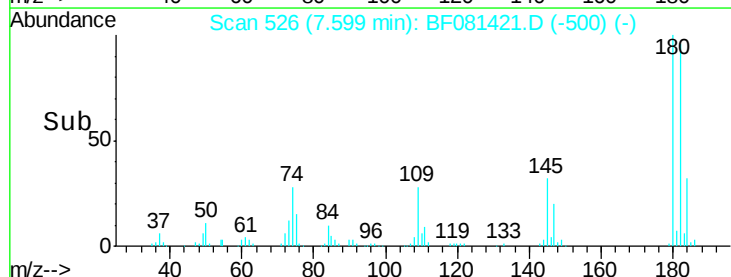


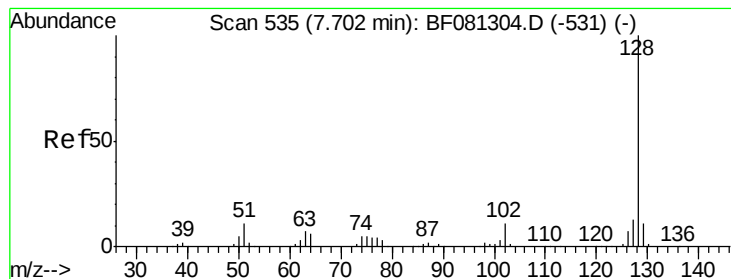
#30
 1,2,4-Trichlorobenzene
 Concen: 34.05 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
145	32.3	23.3	34.9



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





#31

Naphthalene

Concen: 30.83 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampled :

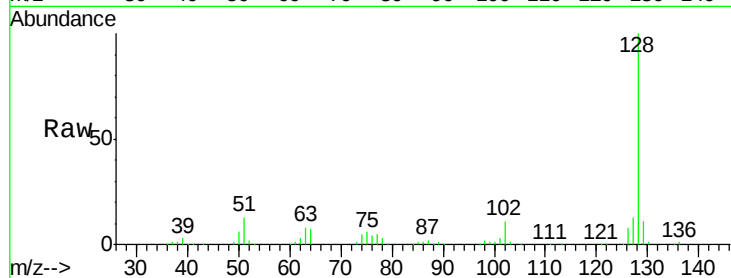
Tot Ion:128 Resp: 428569

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

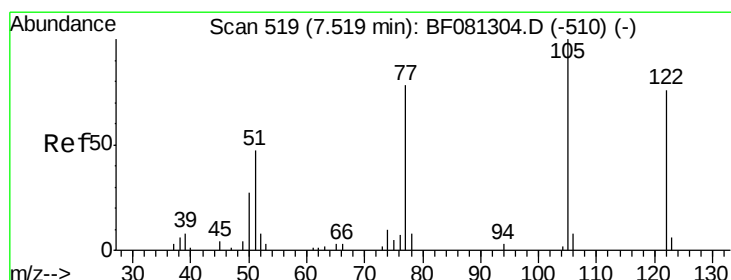
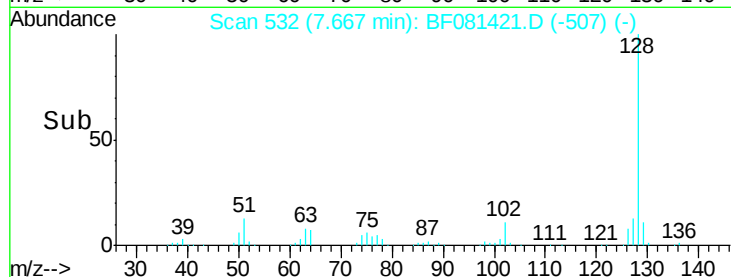
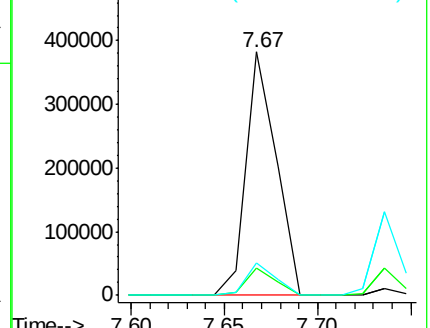
127 13.2 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.82 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

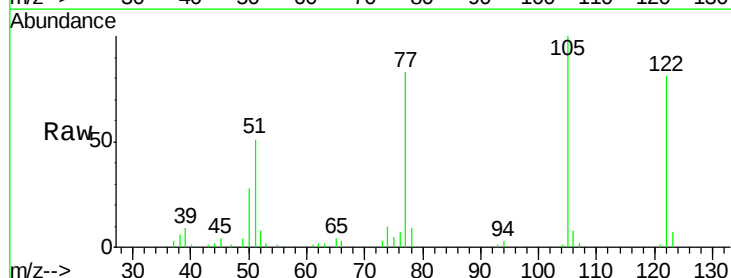
Tgt Ion:122 Resp: 77294

Ion Ratio Lower Upper

122 100

105 124.1 76.1 116.1#

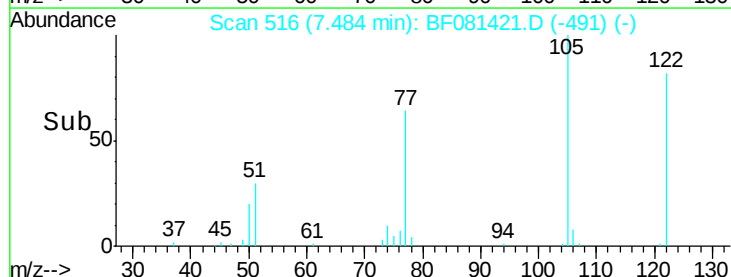
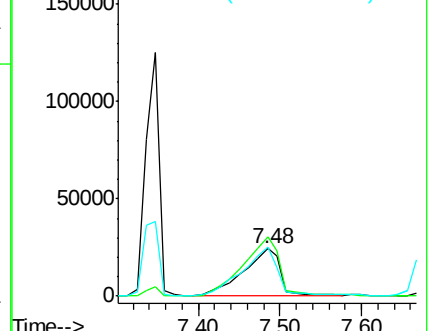
77 103.4 40.5 80.5#

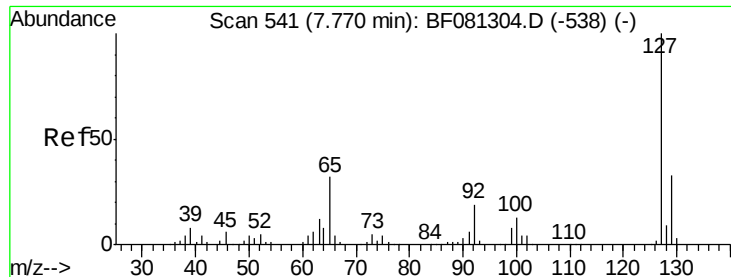


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

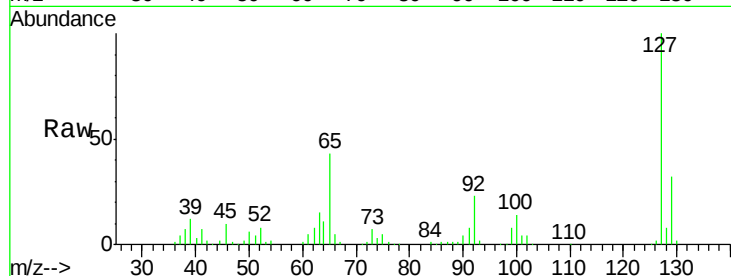




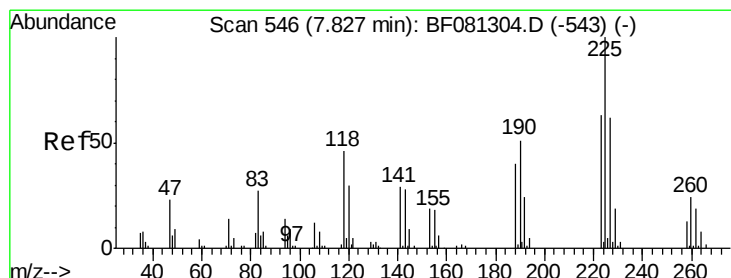
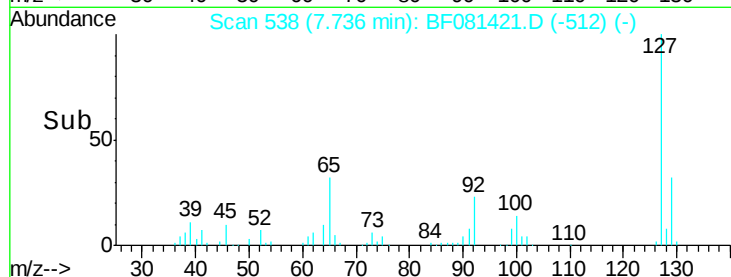
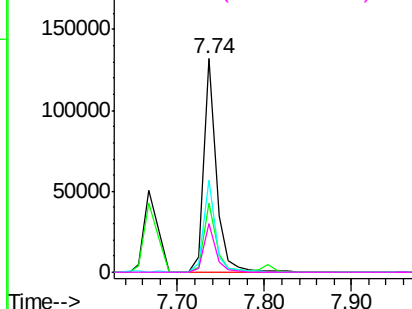
#33
4-Chloroaniline
Concen: 23.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	132634
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	43.0	17.9	26.9#
92	23.0	10.5	15.7#

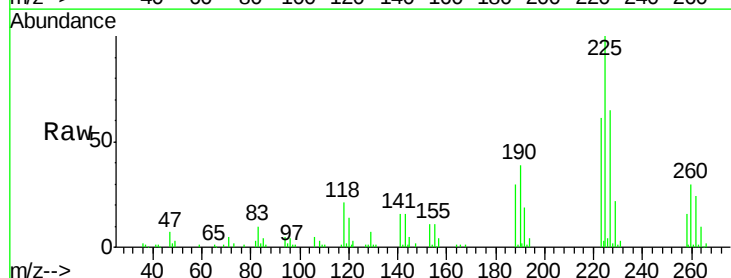


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

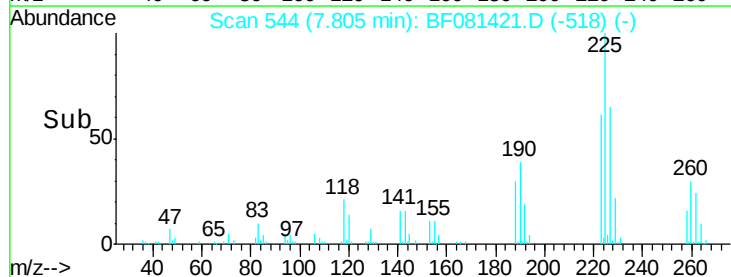
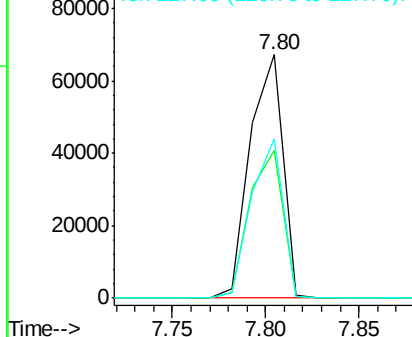


#34
Hexachlorobutadiene
Concen: 33.72 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion:	225	Resp:	81632
Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.2	75.2
227	65.2	52.2	78.2



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





#35

Caprolactam

Concen: 22.05 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

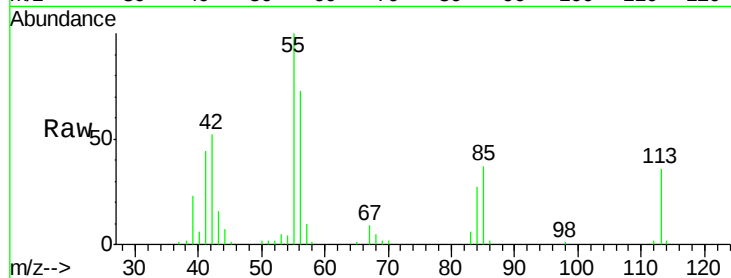
Tot Ion:113 Resp: 24771

Ion Ratio Lower Upper

113 100

55 275.0 152.4 192.4#

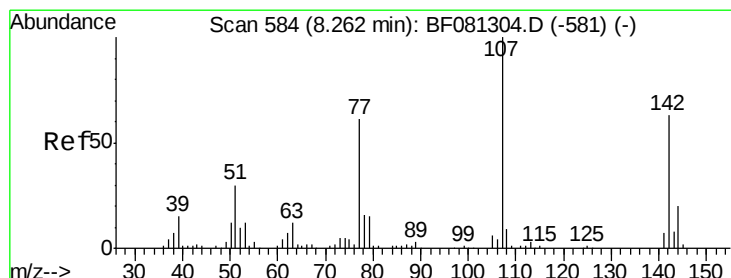
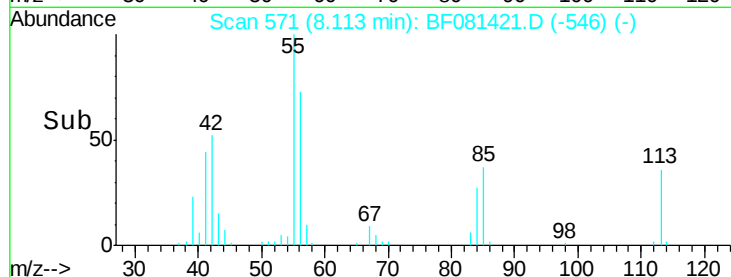
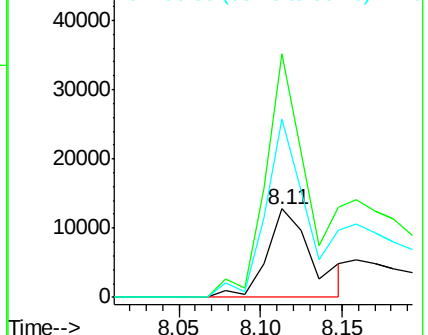
56 201.6 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.47 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

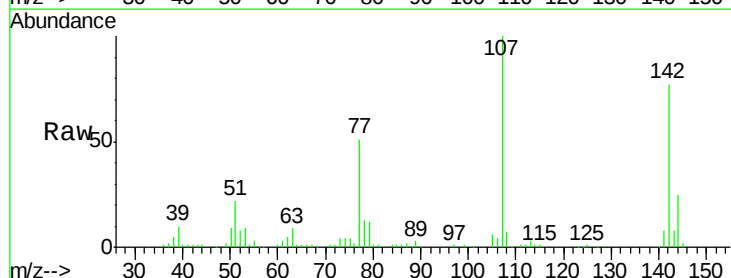
Tgt Ion:107 Resp: 149507

Ion Ratio Lower Upper

107 100

144 24.8 25.4 38.0#

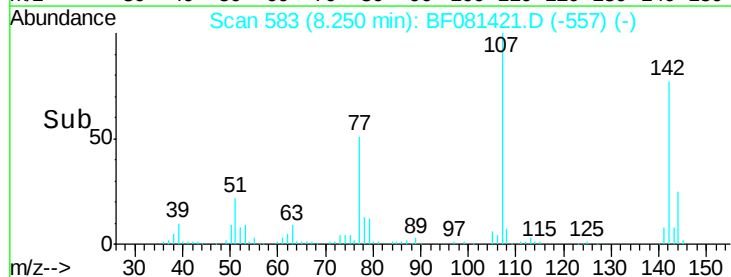
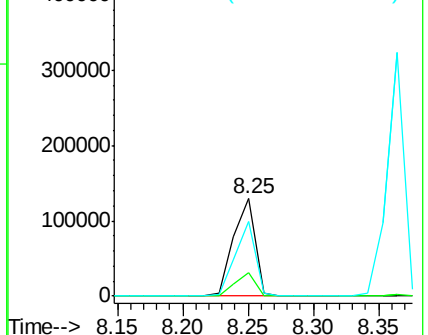
142 76.6 77.3 115.9#

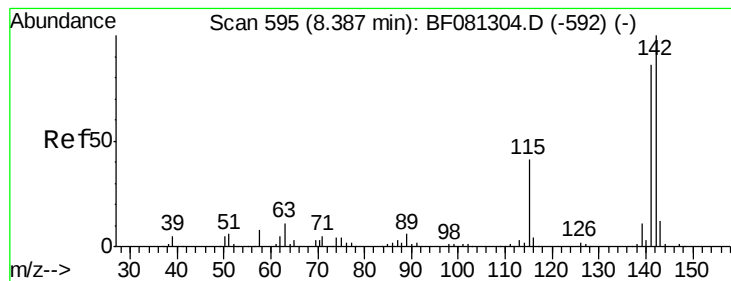


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.01 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampled :

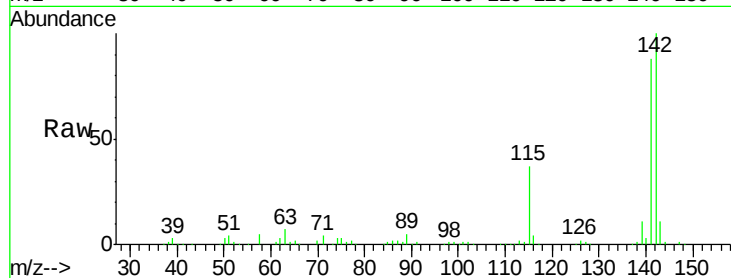
Tot Ion:142 Resp: 298563

Ion Ratio Lower Upper

142 100

141 87.6 67.5 101.3

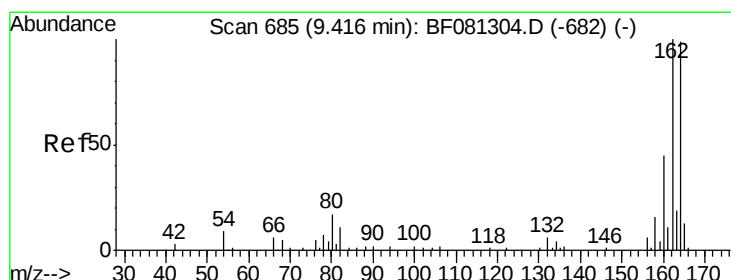
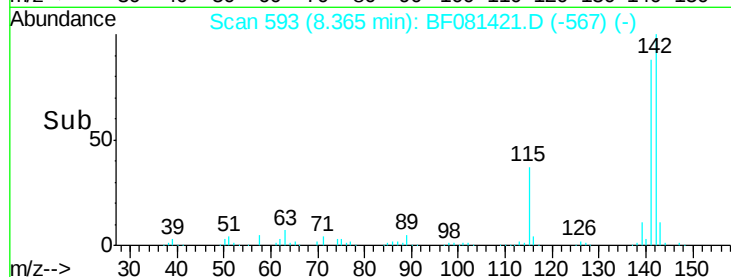
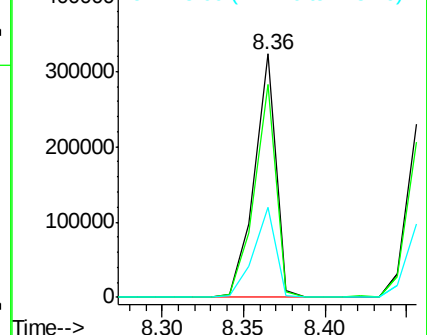
115 37.2 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

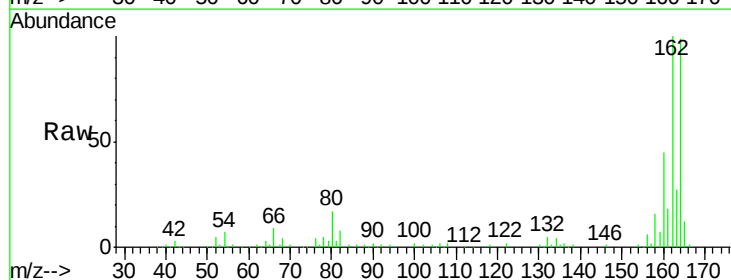
Tgt Ion:164 Resp: 118933

Ion Ratio Lower Upper

164 100

162 100.6 75.2 112.8

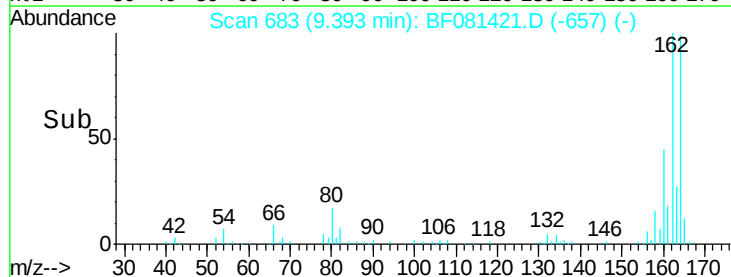
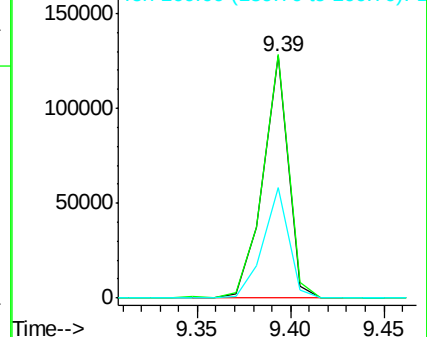
160 45.6 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

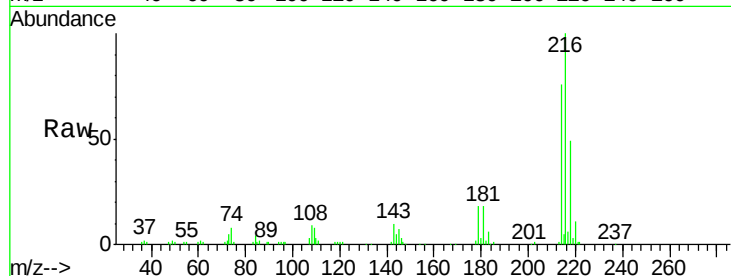




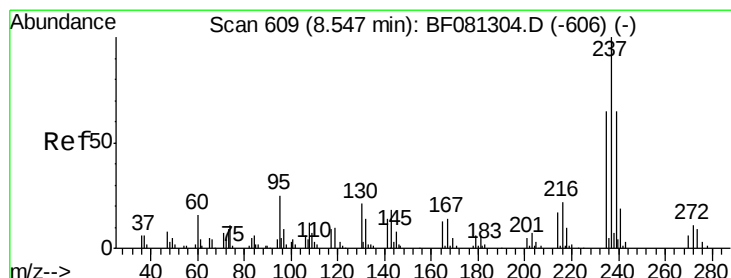
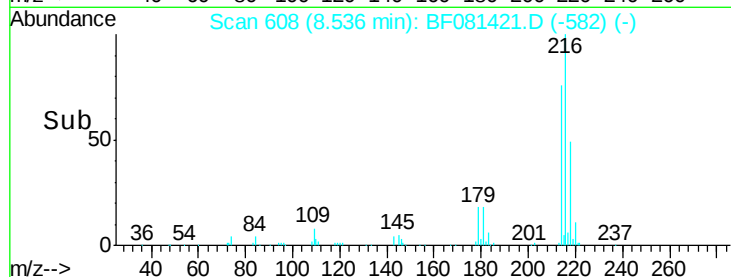
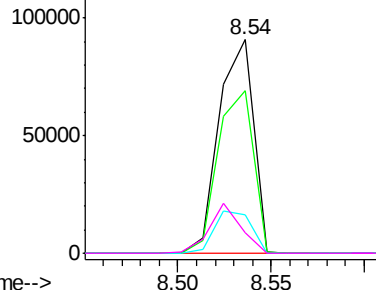
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.97 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	116492
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.5 95.3
179	21.1	16.6 24.8
108	21.6	16.3 24.5

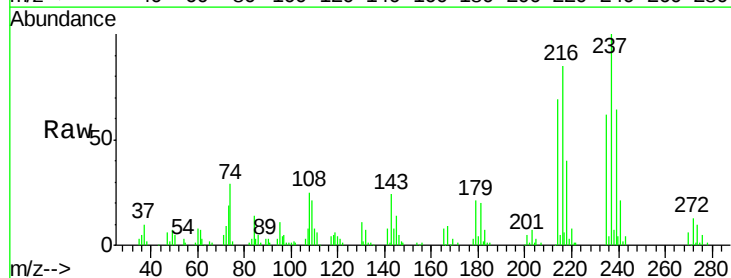


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

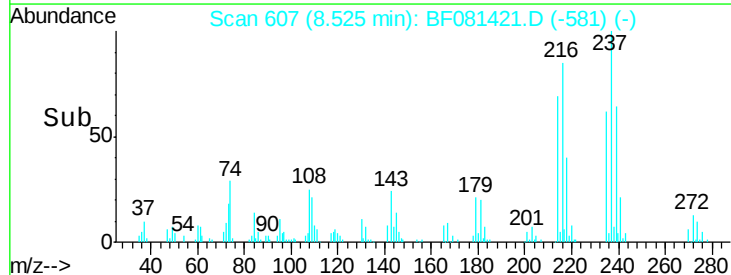
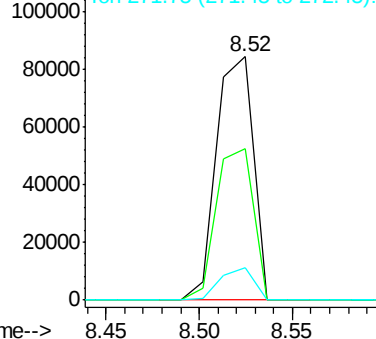


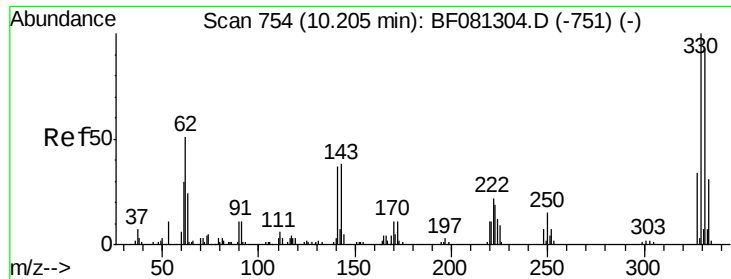
#40
 Hexachlorocyclopentadiene
 Concen: 62.69 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:237	Resp:	115727
Ion Ratio	Lower	Upper
237	100	
235	62.1	42.0 82.0
272	13.1	0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

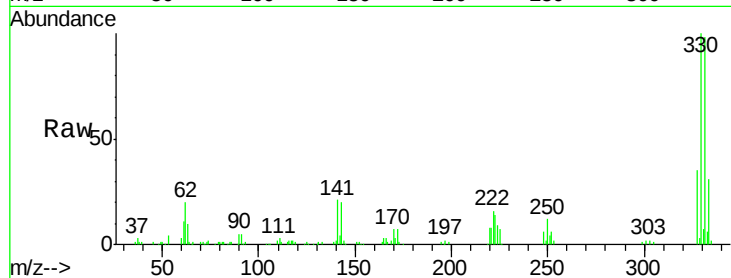




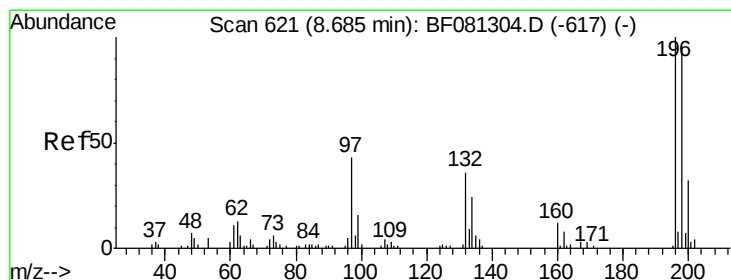
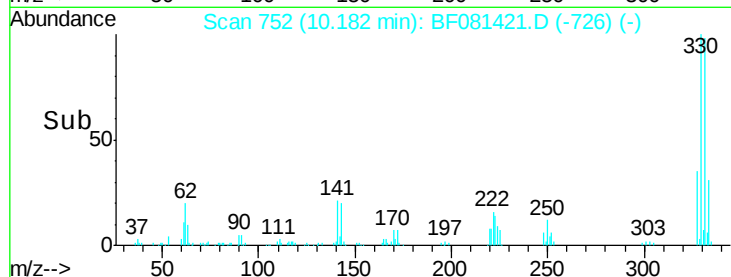
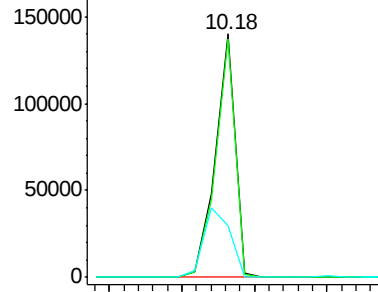
#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	38.3	29.7	44.5

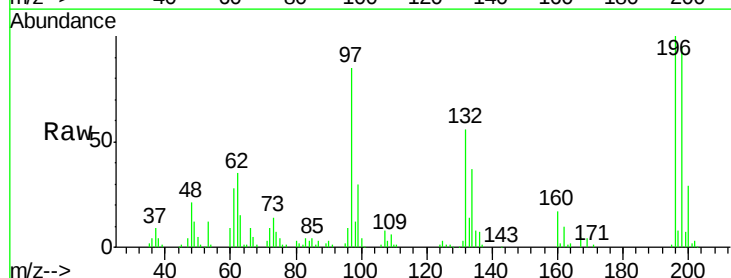


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

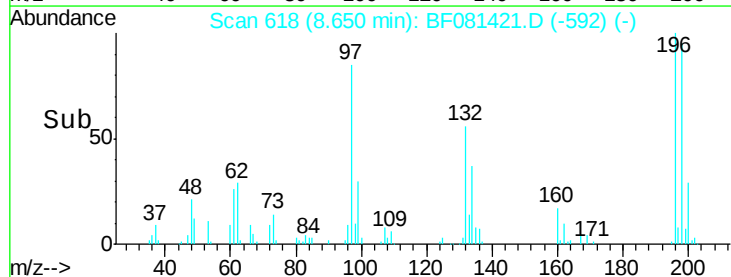
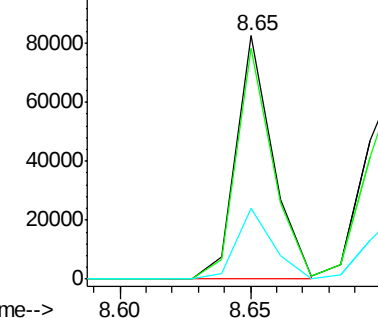


#42
 2,4,6-Trichlorophenol
 Concen: 31.17 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	28.9	23.9	35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

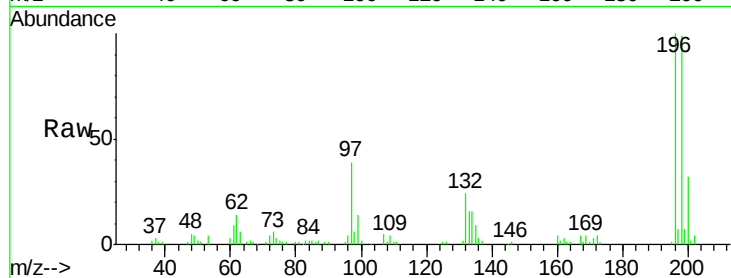




#43
 2,4,5-Trichlorophenol
 Concen: 33.12 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.4	113.0
97	39.4	33.3	49.9
132	23.6	24.6	37.0



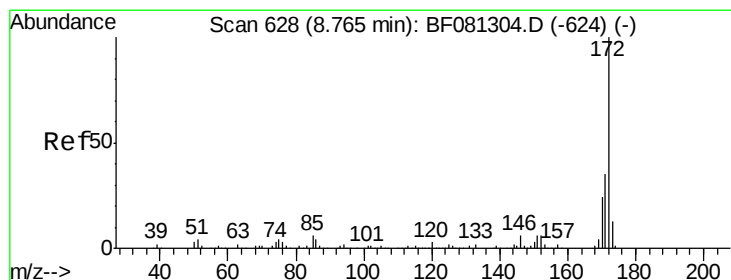
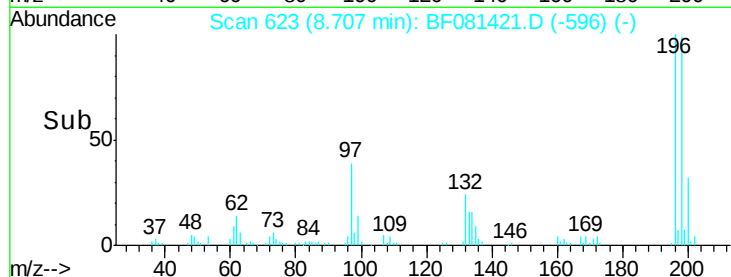
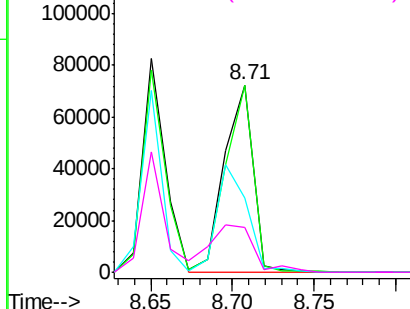
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

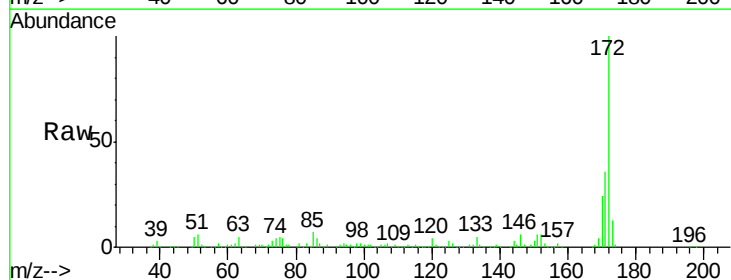
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.65 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	23.6	17.4	26.2

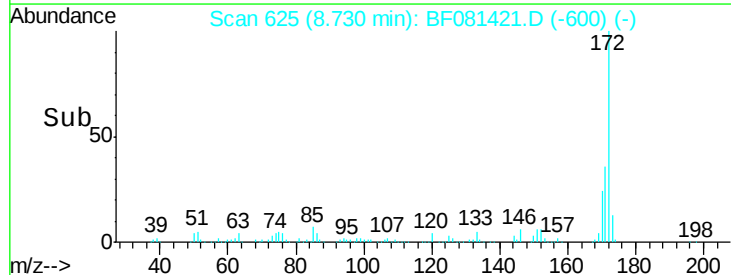
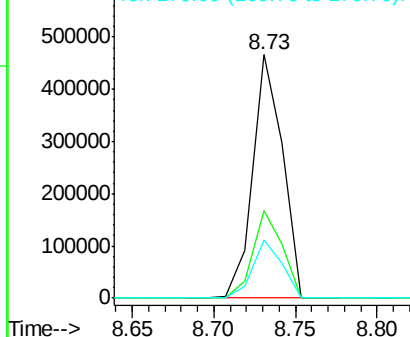


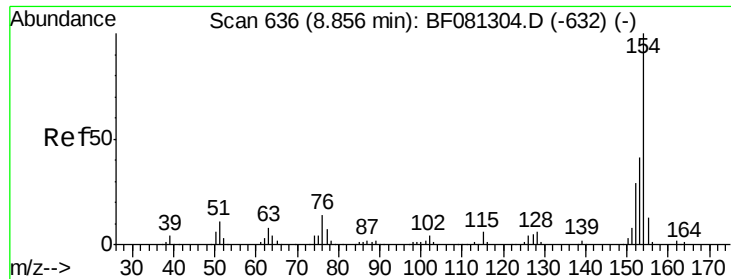
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.07 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampled :

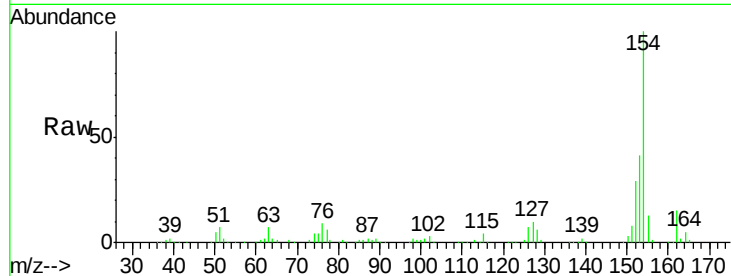
Tot Ion:154 Resp: 350886

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

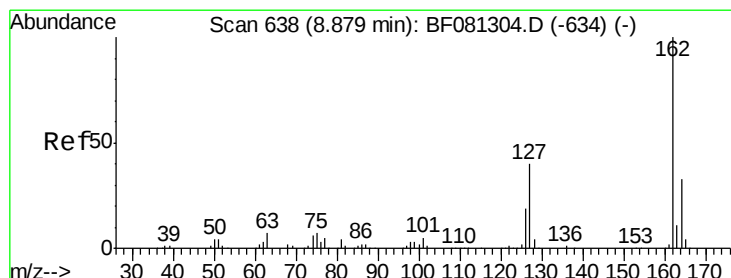
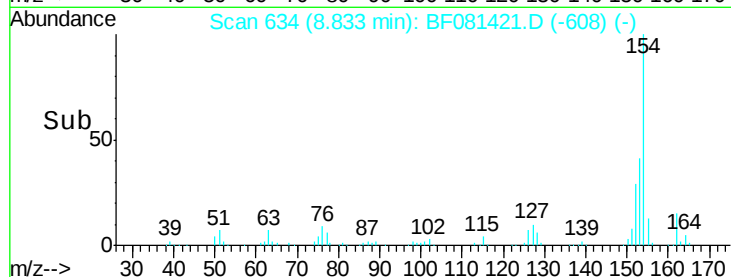
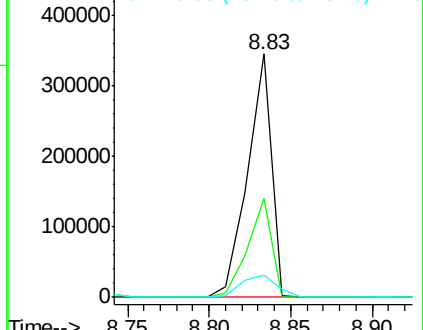
76 9.1 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 32.08 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

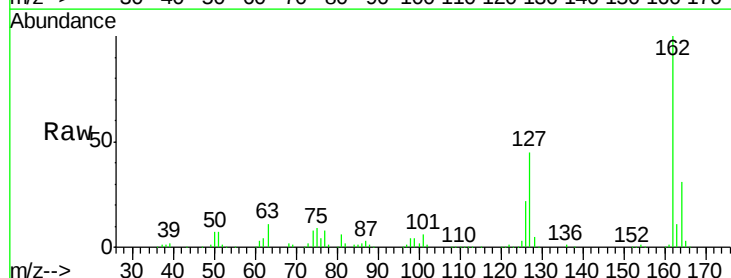
Tgt Ion:162 Resp: 253460

Ion Ratio Lower Upper

162 100

127 45.2 27.6 41.4#

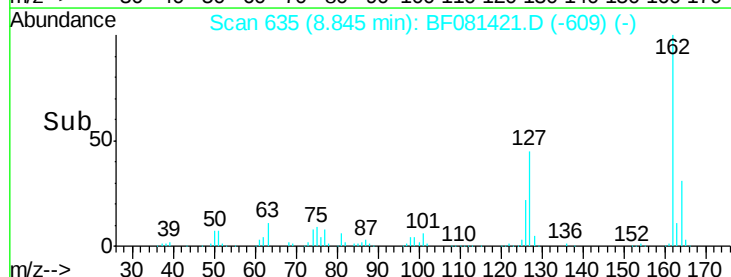
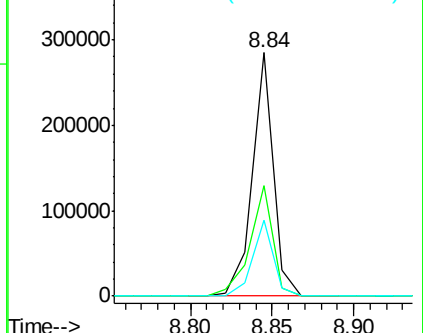
164 31.4 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.81 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

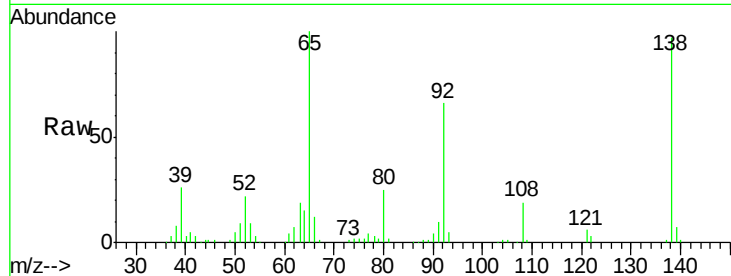
Tot Ion: 65 Resp: 115338

Ion Ratio Lower Upper

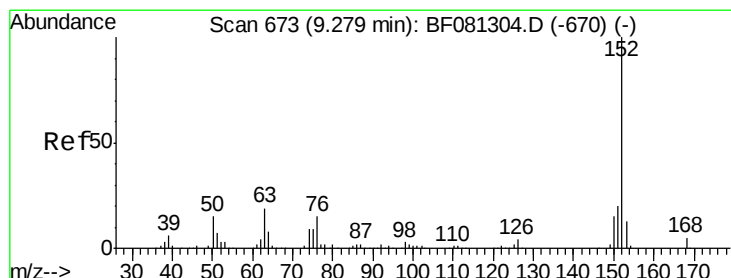
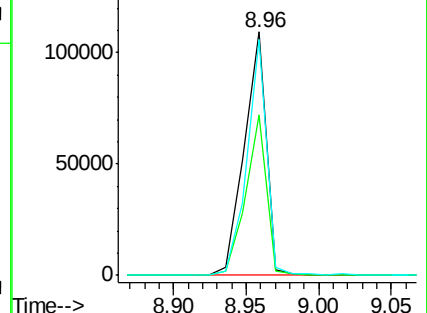
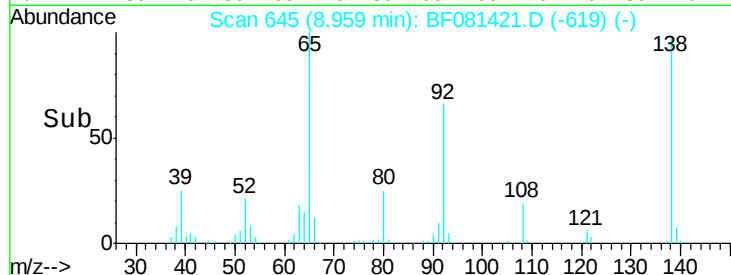
65 100

92 65.9 55.4 83.0

138 96.9 115.5 173.3#



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



#48

Acenaphthylene

Concen: 31.43 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

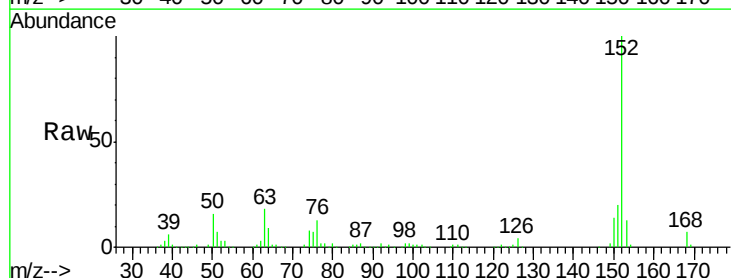
Tgt Ion: 152 Resp: 440610

Ion Ratio Lower Upper

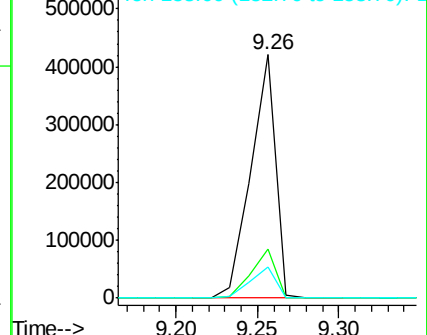
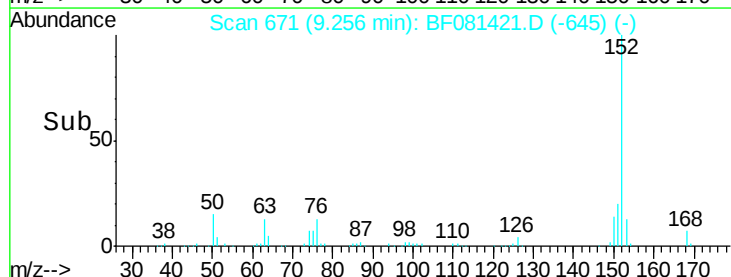
152 100

151 20.2 14.6 22.0

153 12.8 10.3 15.5



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

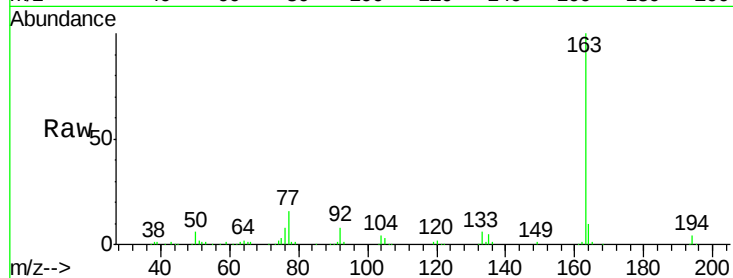




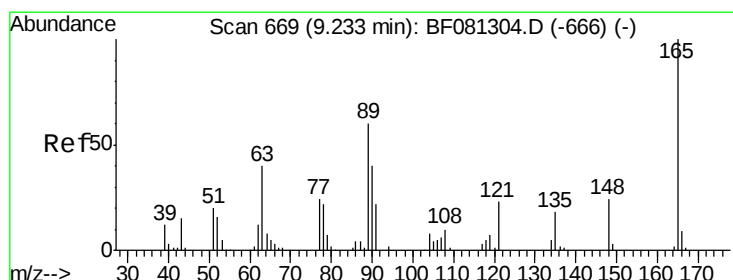
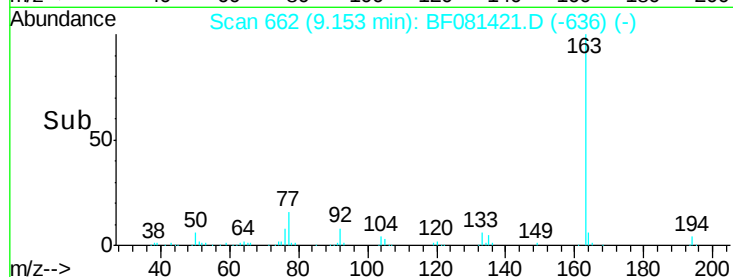
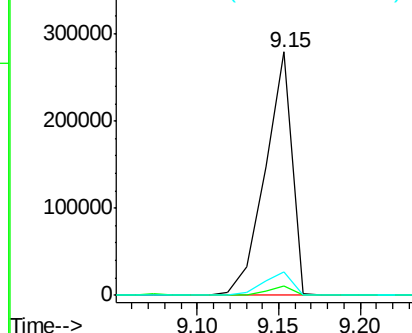
#49
Dimethylphthalate
Concen: 34.52 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 318963
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.7 8.3 12.5

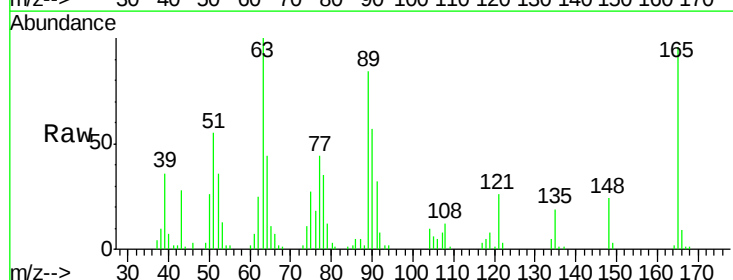


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

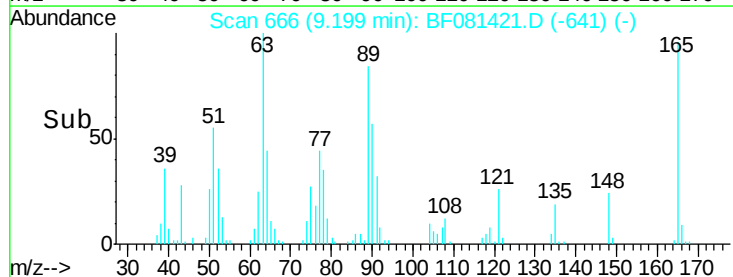
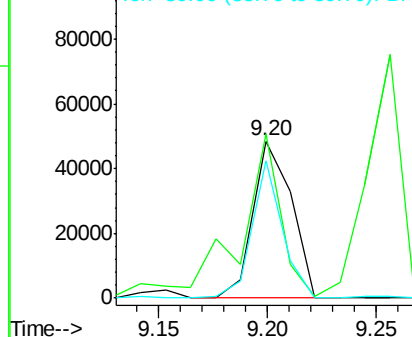


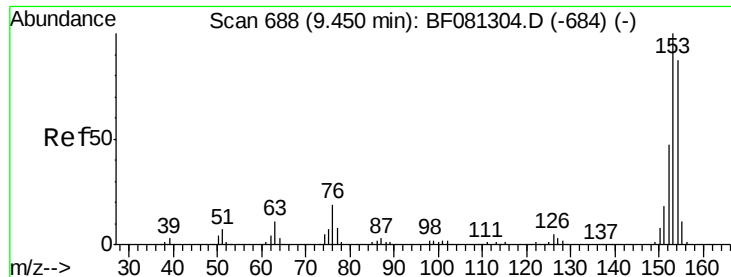
#50
2,6-Dinitrotoluene
Concen: 28.66 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion:165 Resp: 60100
Ion Ratio Lower Upper
165 100
63 104.2 32.3 48.5#
89 87.4 28.6 43.0#



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





#51

Acenaphthene

Concen: 33.39 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

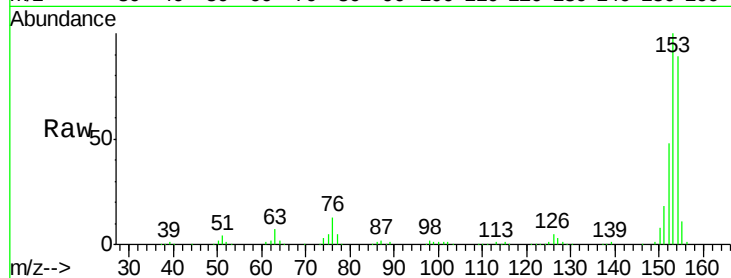
Tot Ion:154 Resp: 266252

Ion Ratio Lower Upper

154 100

153 111.8 82.1 123.1

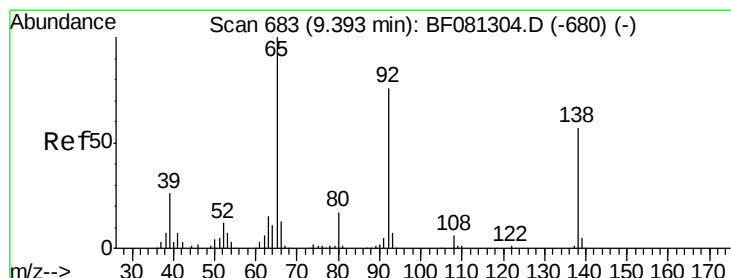
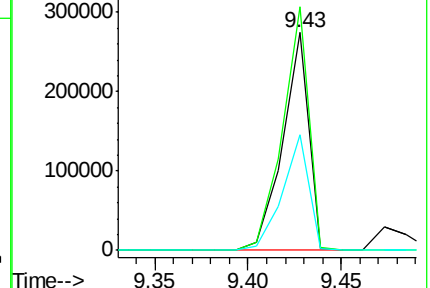
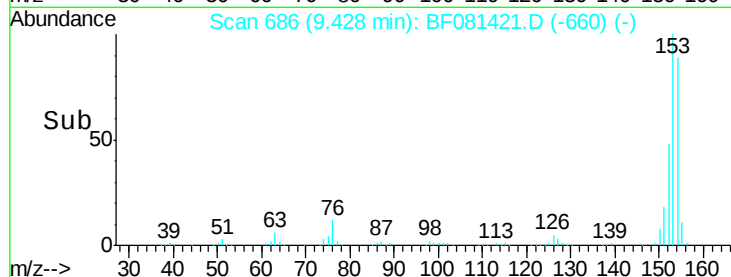
152 53.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.06 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

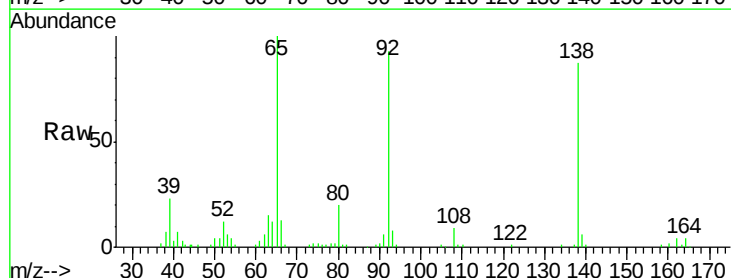
Tgt Ion:138 Resp: 62223

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

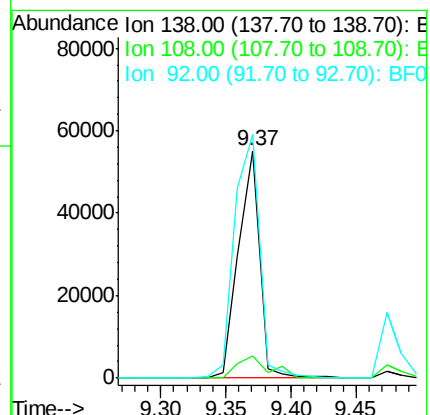
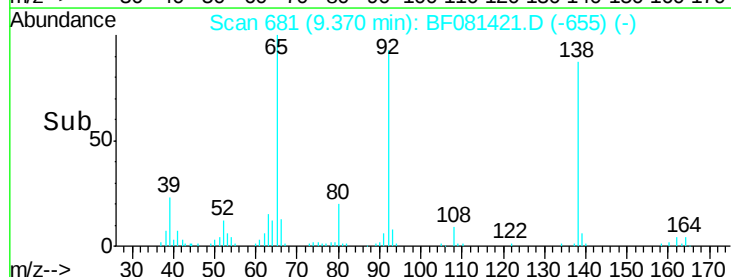
92 107.0 67.7 101.5#

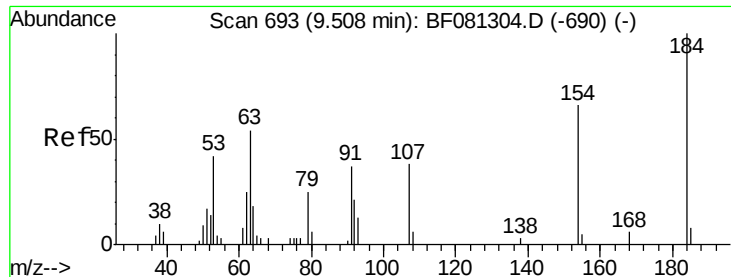


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

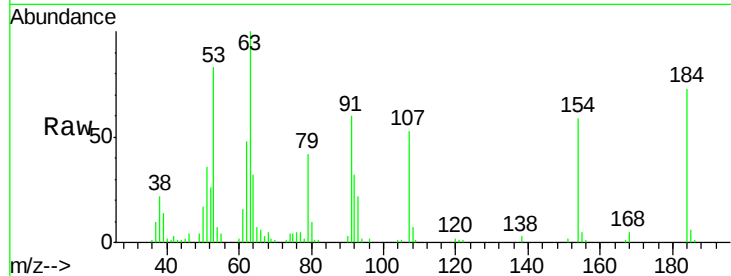




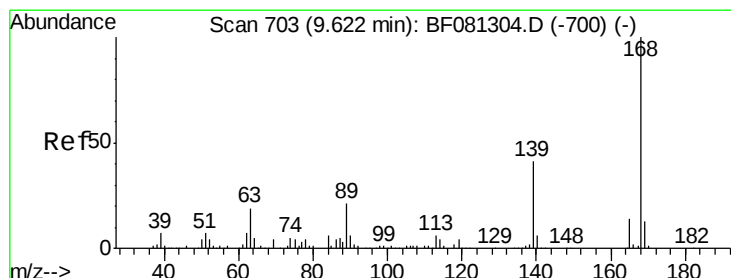
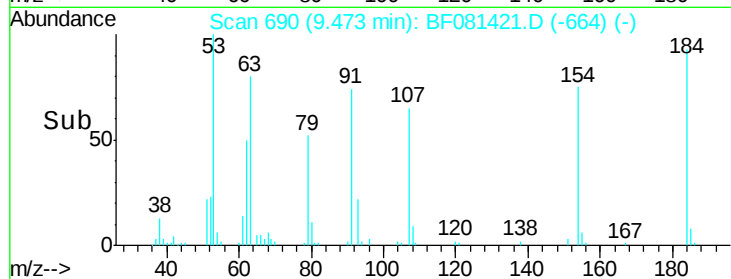
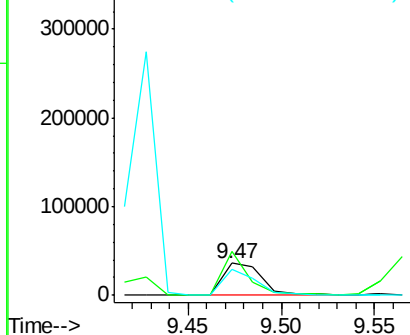
#53
 2,4-Dinitrophenol
 Concen: 60.27 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 53238
 Ion Ratio Lower Upper
 184 100
 63 136.7 35.4 53.2#
 154 80.8 32.2 48.4#

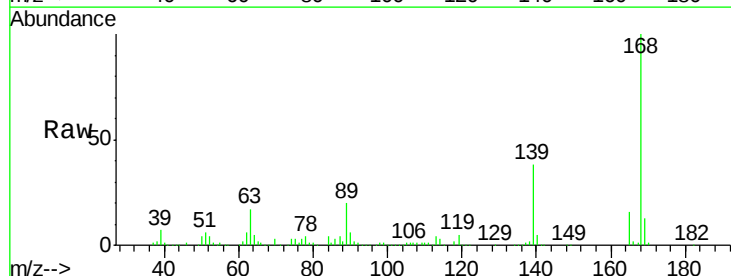


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

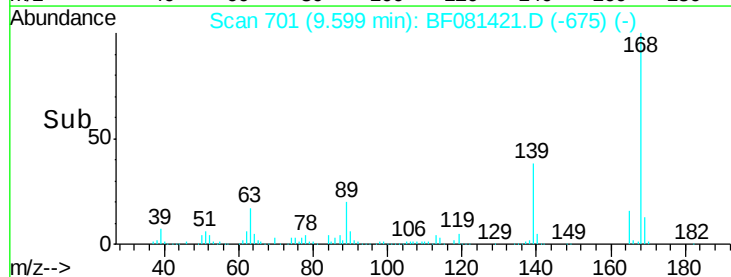
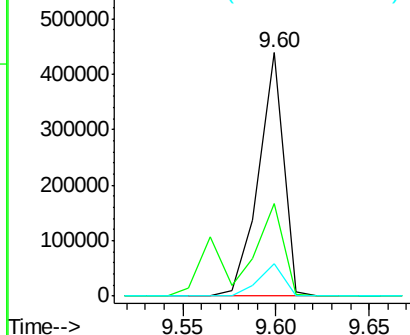


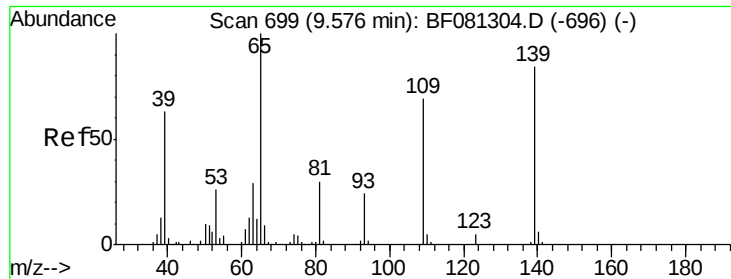
#54
 Dibenzofuran
 Concen: 35.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:168 Resp: 407501
 Ion Ratio Lower Upper
 168 100
 139 38.2 24.2 36.2#
 169 13.2 10.6 15.8



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

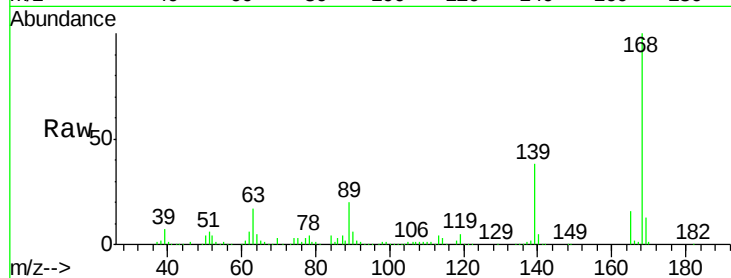




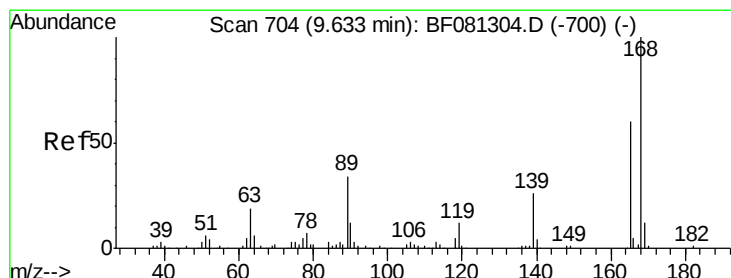
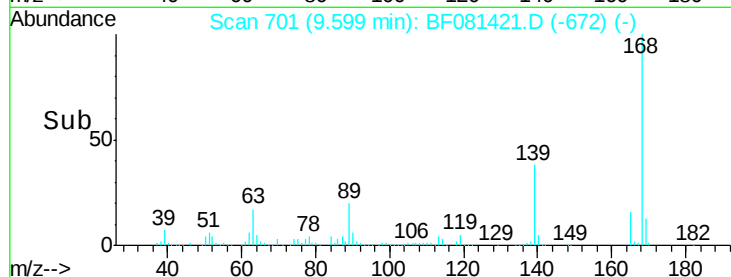
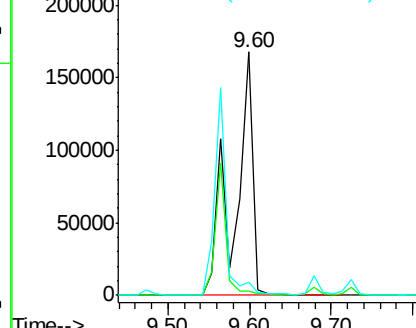
#55
4-Nitrophenol
Concen: 175.39 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.8	12.7	52.7#
65	5.7	45.9	85.9#



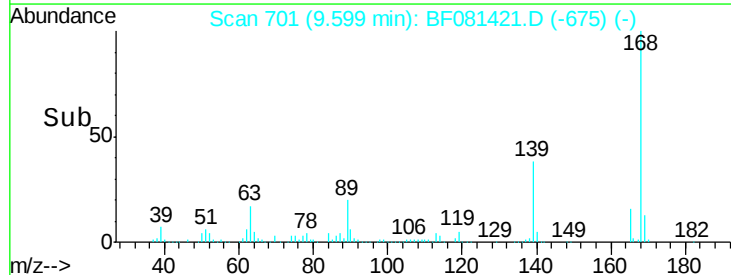
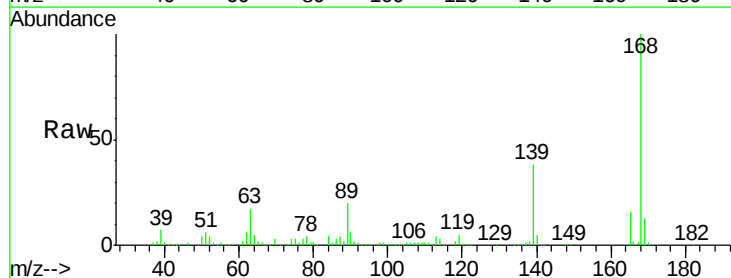
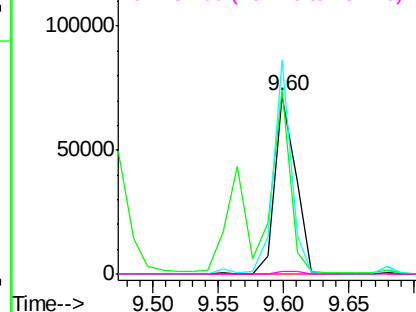
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 30.09 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	103.2	29.8	44.6#
89	119.8	44.5	66.7#
182	1.8	3.0	4.4#

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

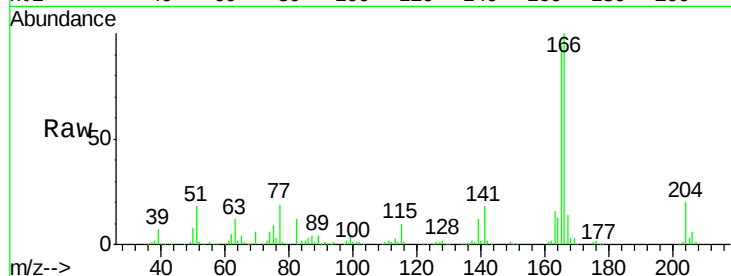




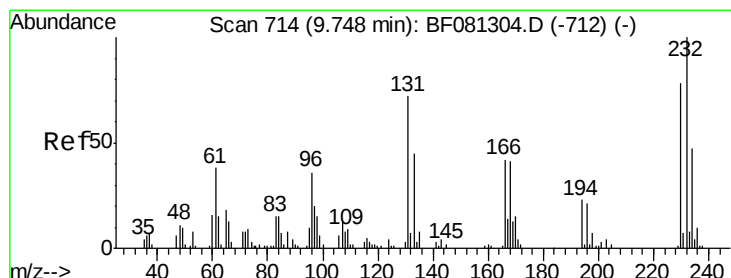
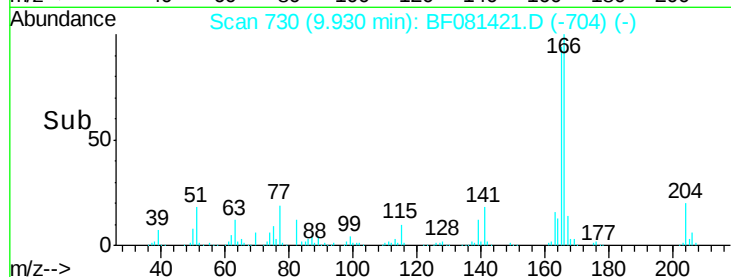
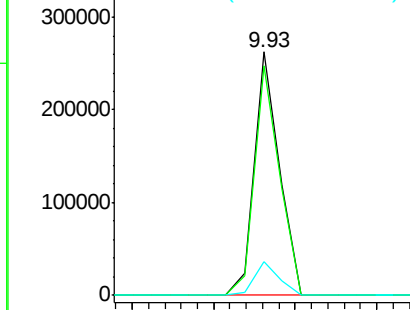
#57
Fluorene
 Concen: 31.56 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 278868
 Ion Ratio Lower Upper
 166 100
 165 94.5 72.6 109.0
 167 13.8 10.6 16.0

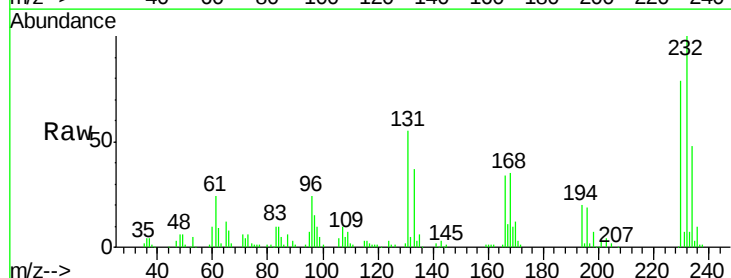


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

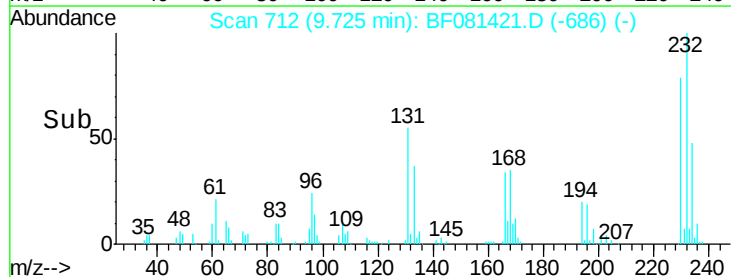
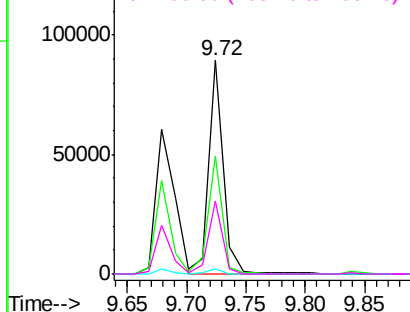


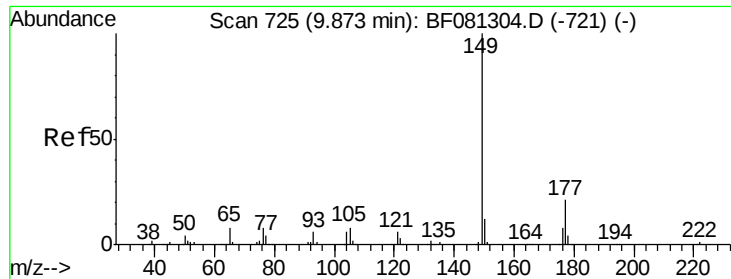
#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.58 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:232 Resp: 75986
 Ion Ratio Lower Upper
 232 100
 131 54.2 38.5 57.7
 130 2.2 1.8 2.6
 166 32.9 25.0 37.6



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

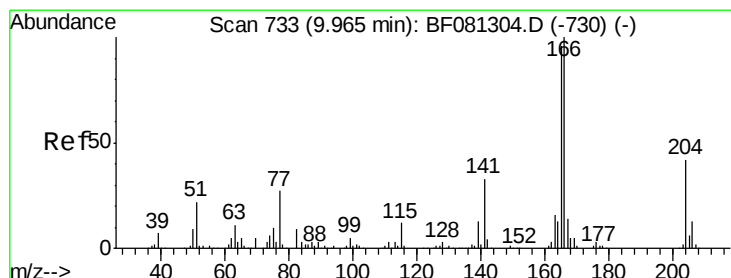
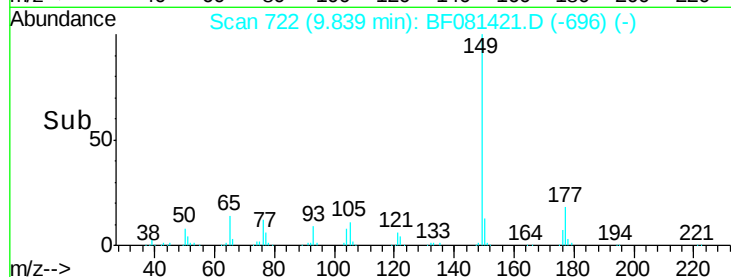
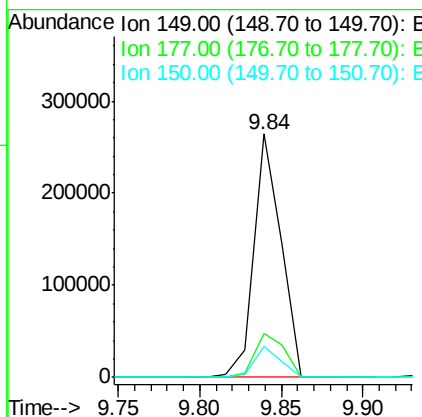
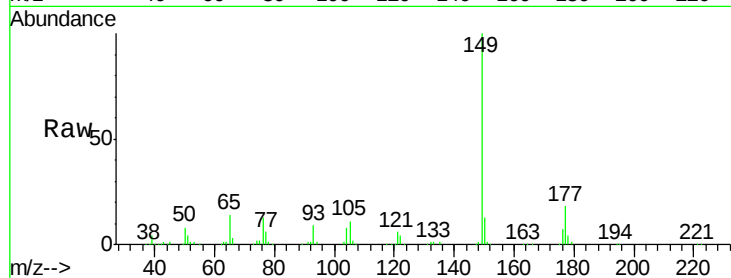




#59
Diethylphthalate
Concen: 31.35 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

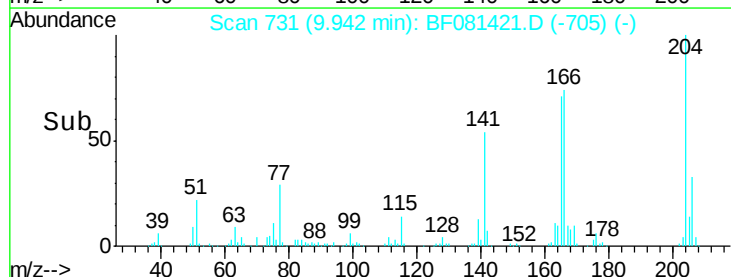
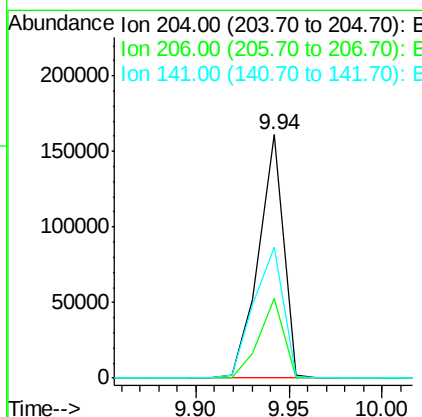
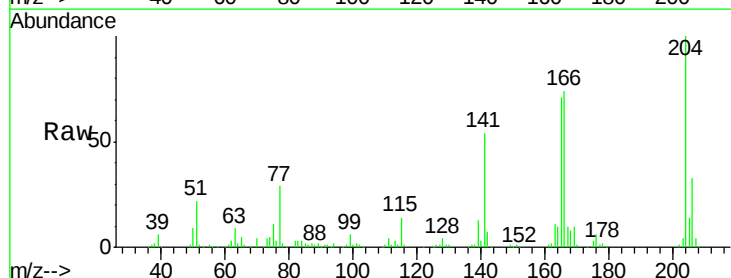
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 304675
Ion Ratio Lower Upper
149 100
177 18.1 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.10 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion:204 Resp: 148677
Ion Ratio Lower Upper
204 100
206 32.6 24.8 37.2
141 54.0 42.2 63.4





#61

4-Nitroaniline

Concen: 28.35 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

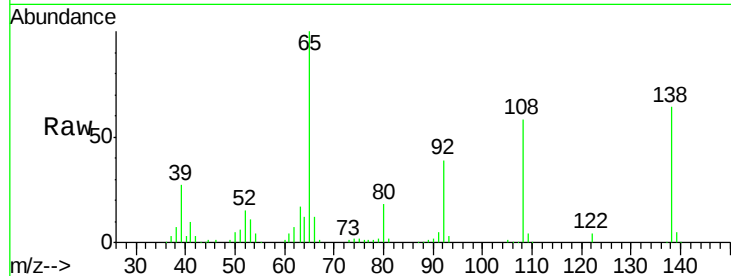
Tot Ion:138 Resp: 68380

Ion Ratio Lower Upper

138 100

92 61.5 12.6 52.6#

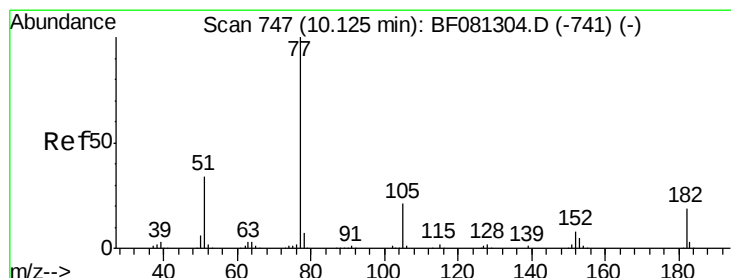
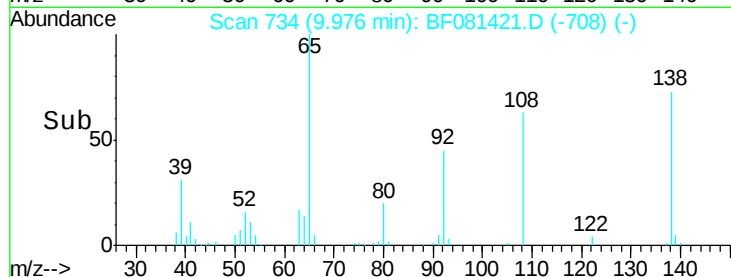
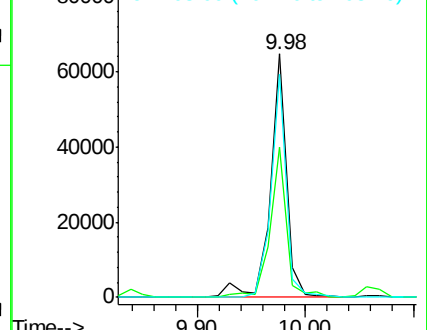
108 91.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.15 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Tgt Ion: 77 Resp: 358214

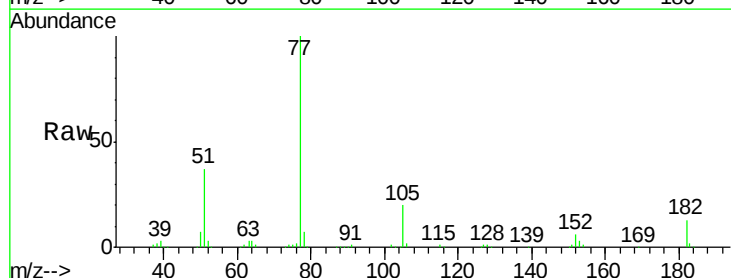
Ion Ratio Lower Upper

77 100

182 13.0 15.1 55.1#

105 19.7 3.4 43.4

51 37.4 12.0 52.0

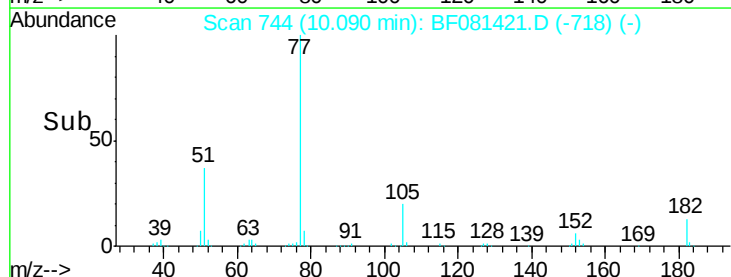
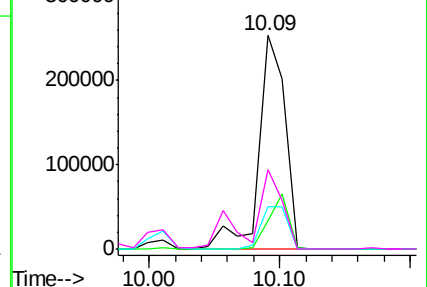


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

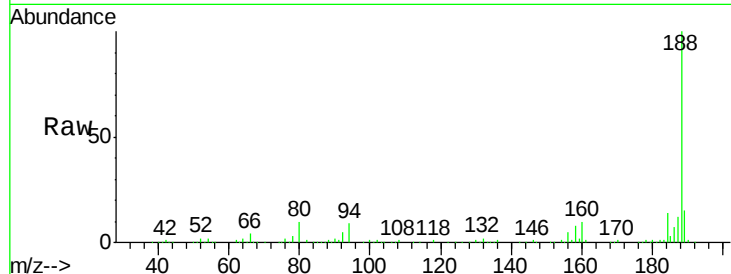




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

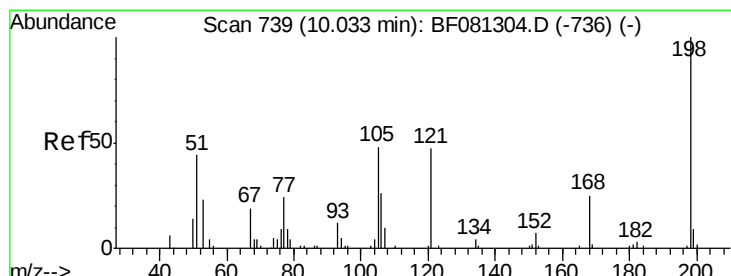
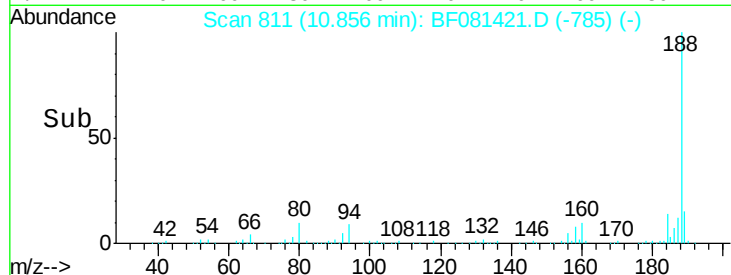
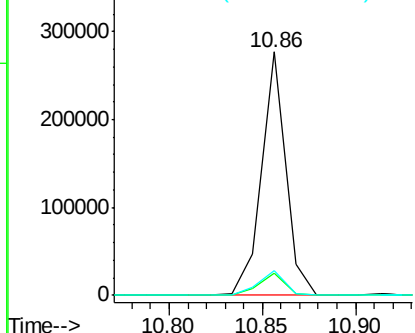
Tot Ion	188	Resp	248115
Ion Ratio	100	Lower	Upper
94	9.1	11.1	16.7#
80	10.0	11.0	16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

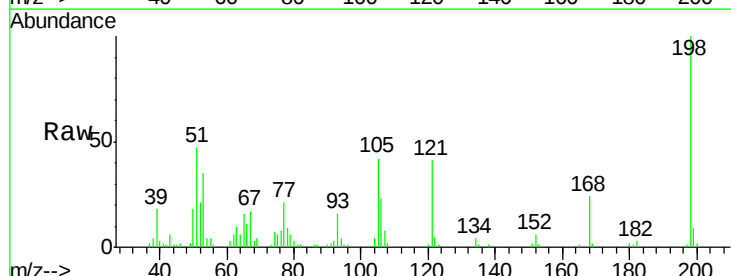
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.61 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

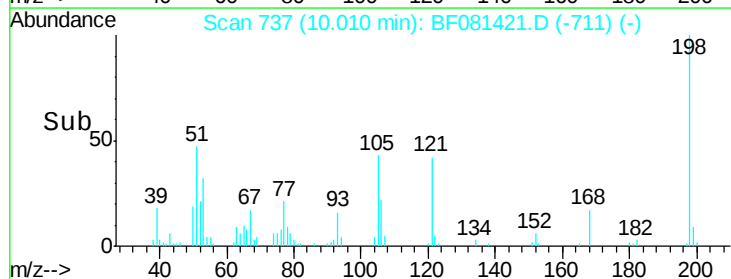
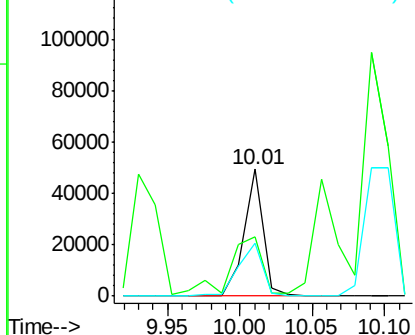
Tgt Ion	198	Resp	45254
Ion Ratio	100	Lower	Upper
51	46.6	39.6	79.6
105	42.2	28.5	68.5

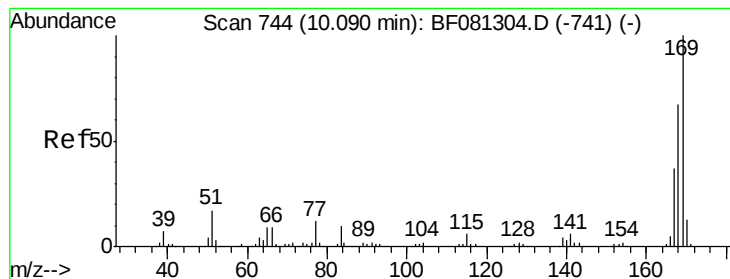


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

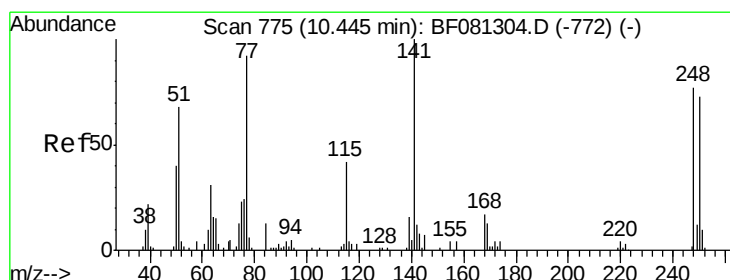
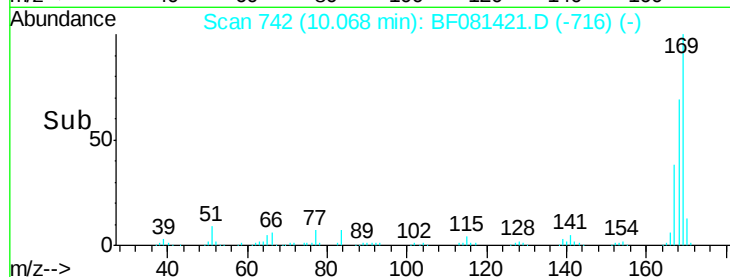
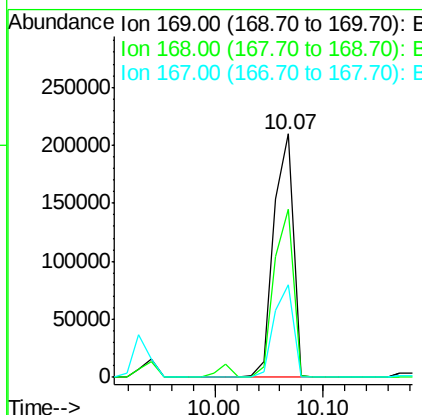
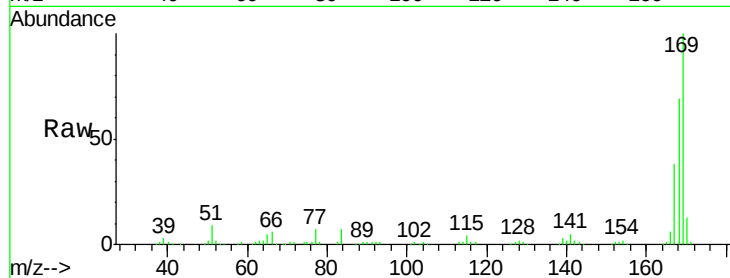




#65
 n-Nitrosodiphenylamine
 Concen: 28.98 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

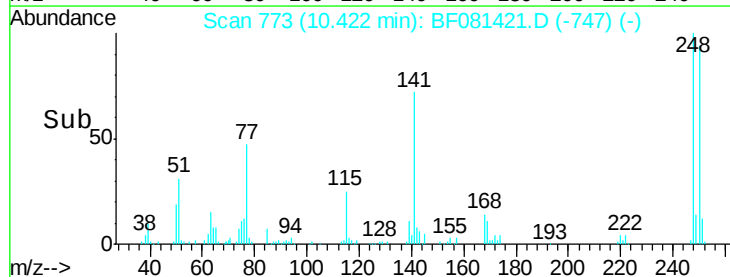
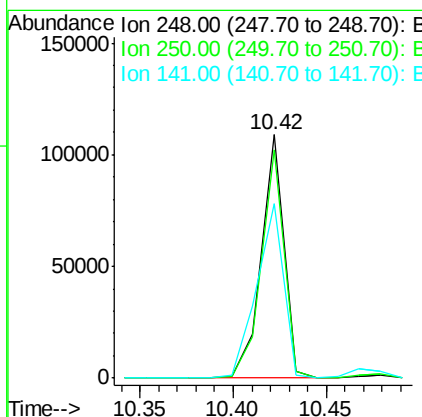
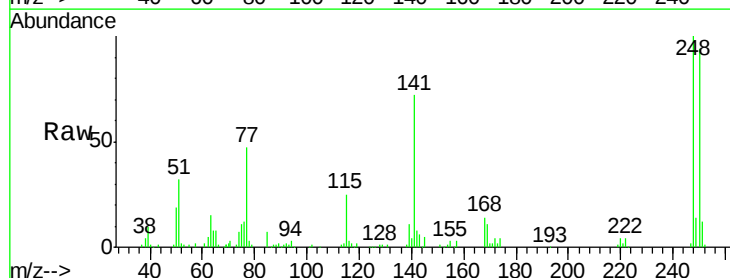
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 261684
 Ion Ratio Lower Upper
 169 100
 168 68.9 48.9 73.3
 167 37.9 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 36.35 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:248 Resp: 91182
 Ion Ratio Lower Upper
 248 100
 250 93.8 78.5 117.7
 141 71.9 59.0 88.6

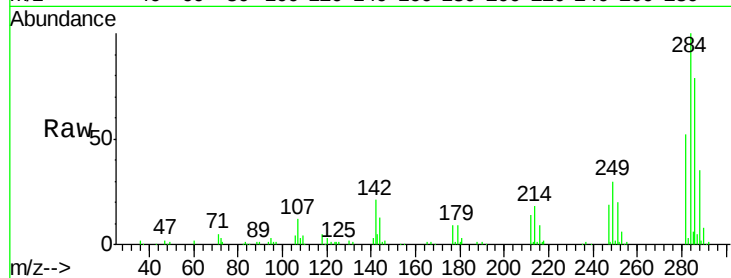




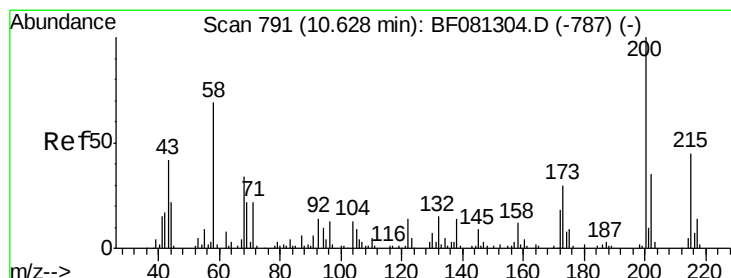
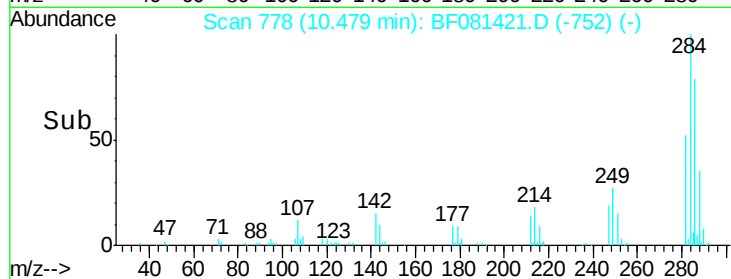
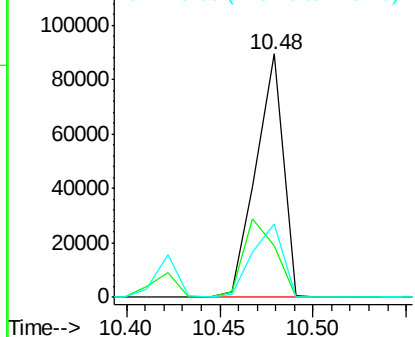
#67
Hexachlorobenzene
Concen: 34.73 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 91093
Ion Ratio Lower Upper
284 100
142 21.3 29.5 44.3#
249 30.1 19.5 29.3#

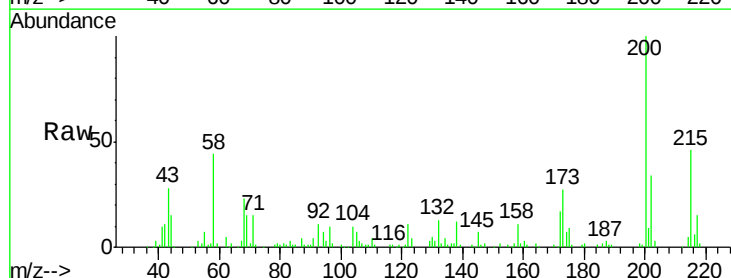


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

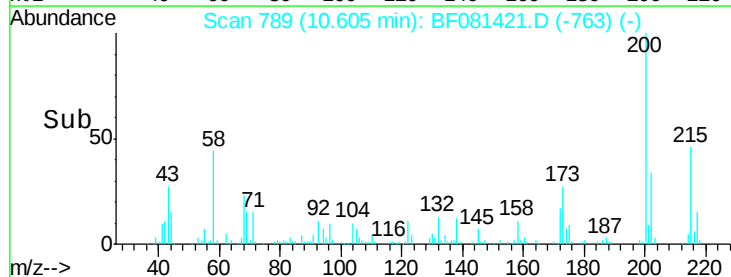
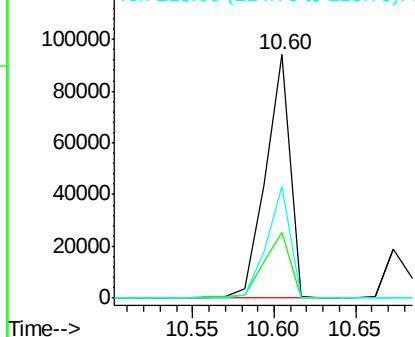


#68
Atrazine
Concen: 37.41 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion:200 Resp: 97743
Ion Ratio Lower Upper
200 100
173 26.8 13.2 53.2
215 45.7 41.8 81.8



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

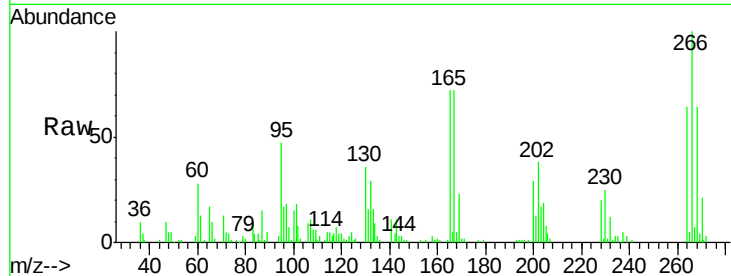




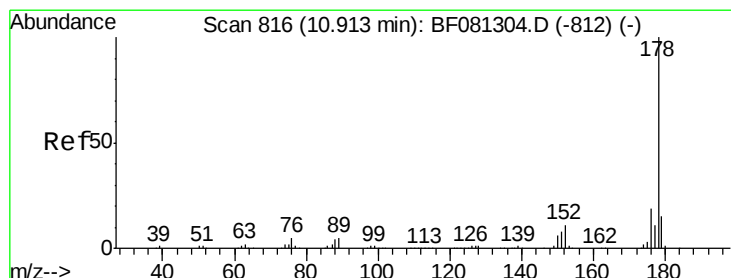
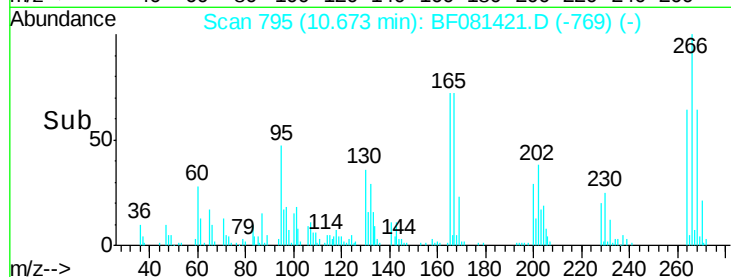
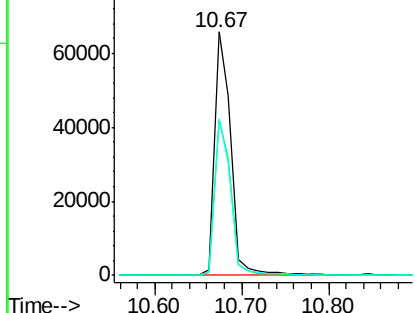
#69
 Pentachlorophenol
 Concen: 69.07 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 86483
 Ion Ratio Lower Upper
 266 100
 268 63.9 49.8 74.6
 264 64.4 50.2 75.2

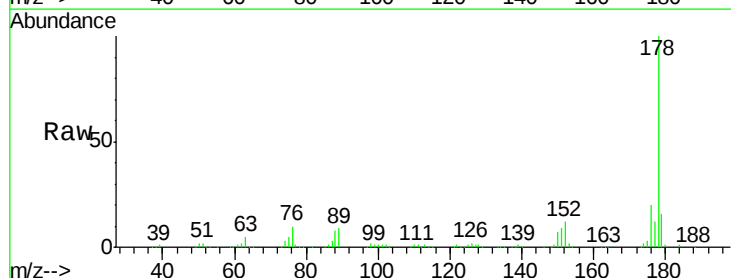


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

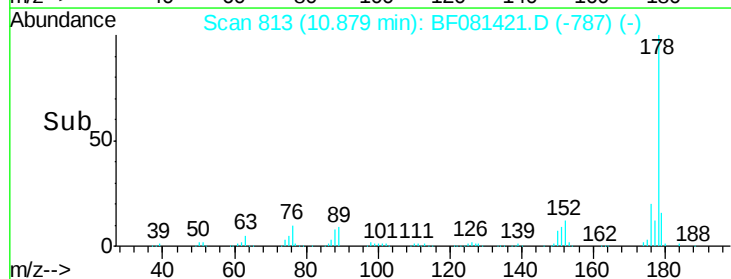
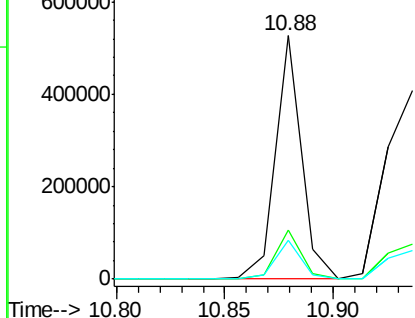


#70
 Phenanthrene
 Concen: 32.22 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:178 Resp: 444376
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 15.9 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

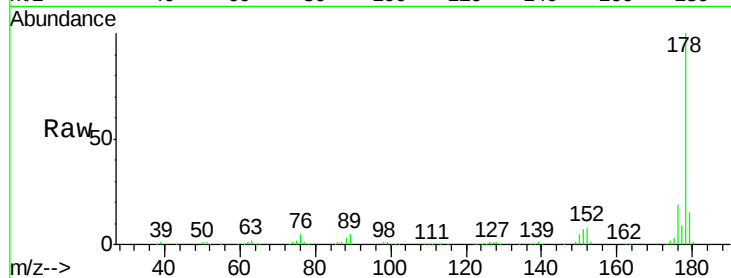




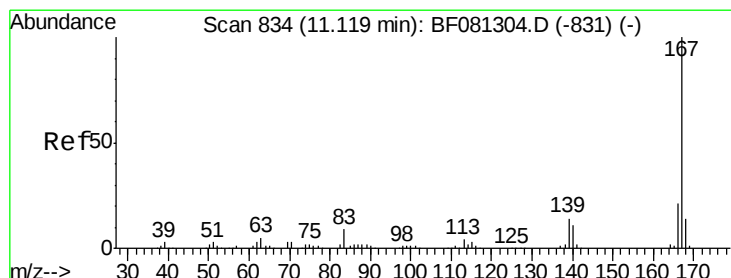
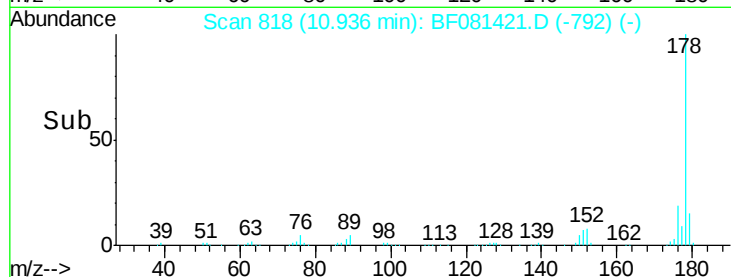
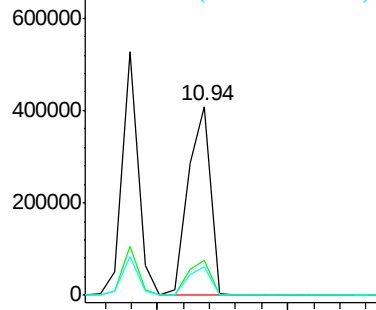
#71
 Anthracene
 Concen: 34.61 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 490408
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 15.1 12.2 18.2

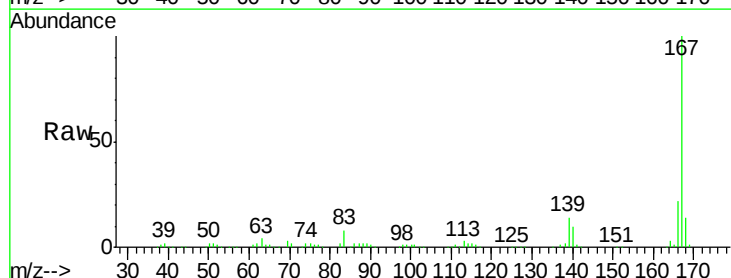


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

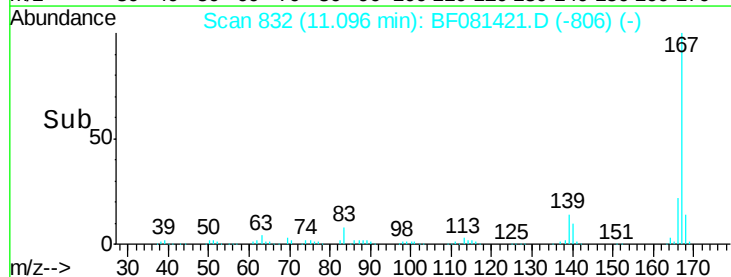
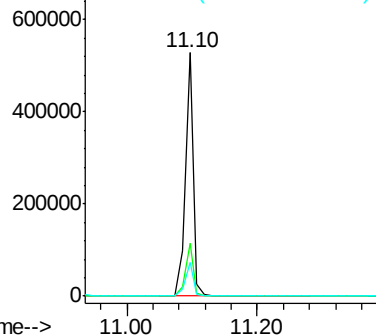


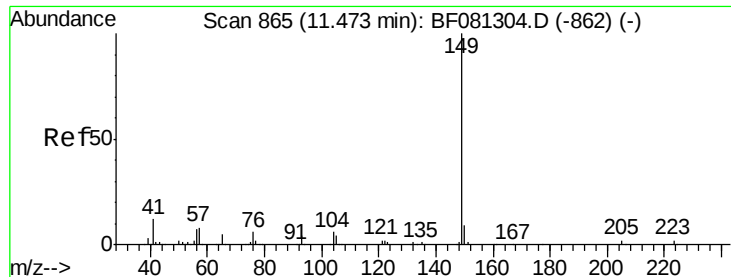
#72
 Carbazole
 Concen: 34.29 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:167 Resp: 455999
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.6 9.5 14.3



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: 34.66 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

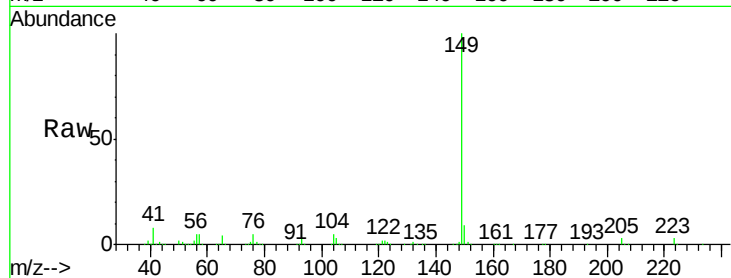
Tot Ion:149 Resp: 544214

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

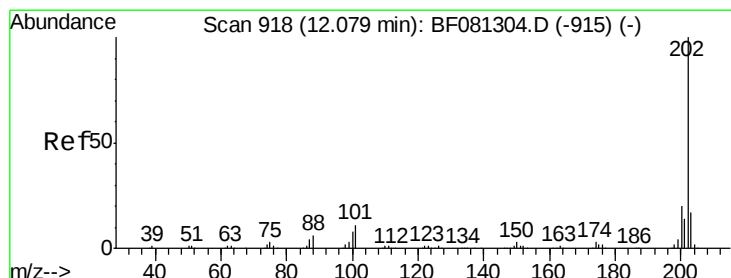
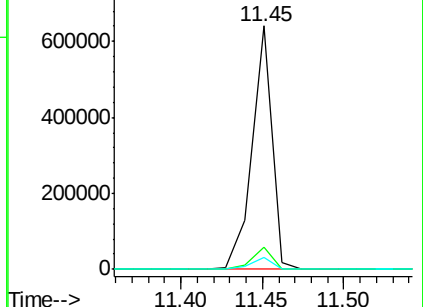
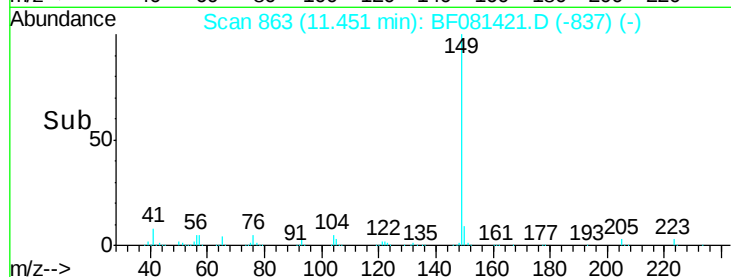
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.67 ng

RT: 12.06 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

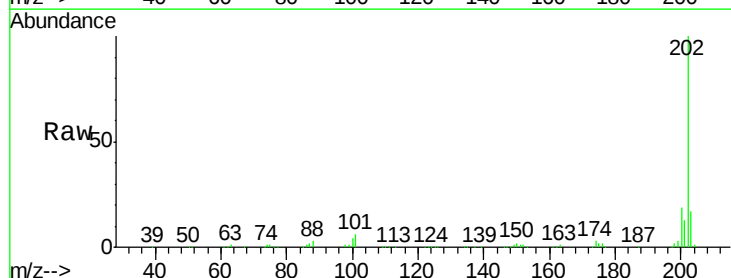
Tgt Ion:202 Resp: 487838

Ion Ratio Lower Upper

202 100

101 5.7 0.0 38.3

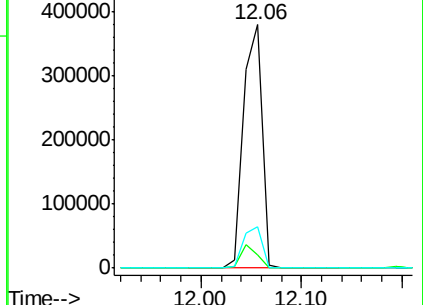
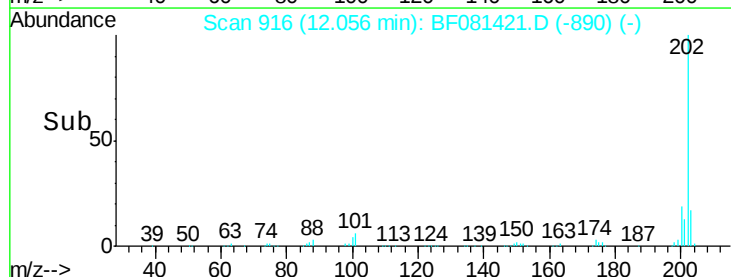
203 17.1 0.0 37.3

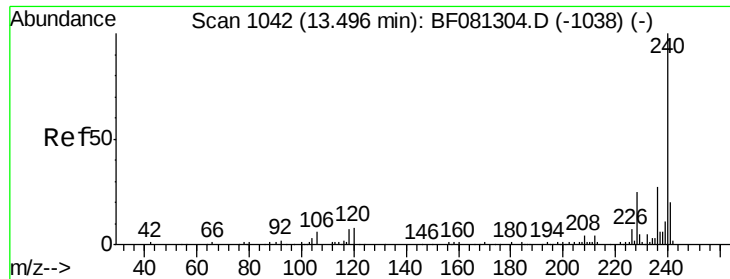


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampled :

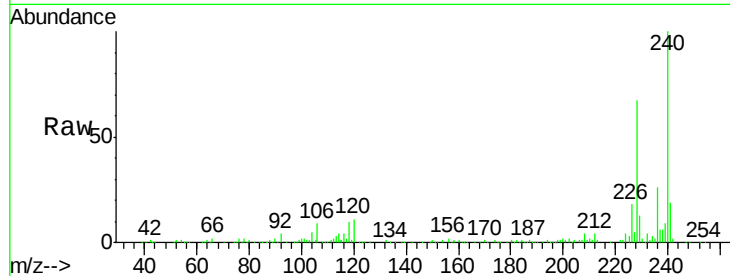
Tot Ion:240 Resp: 175050

Ion Ratio Lower Upper

240 100

120 11.1 16.2 24.2#

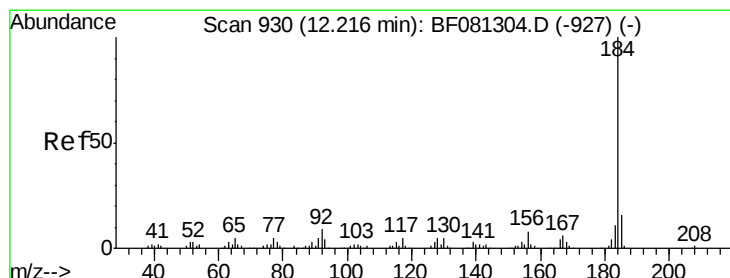
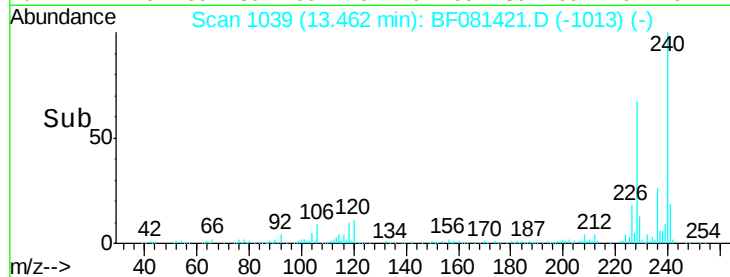
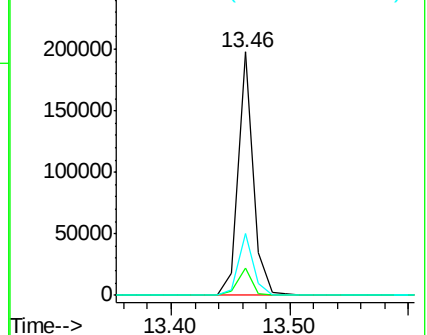
236 25.6 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.95 ng

RT: 12.19 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

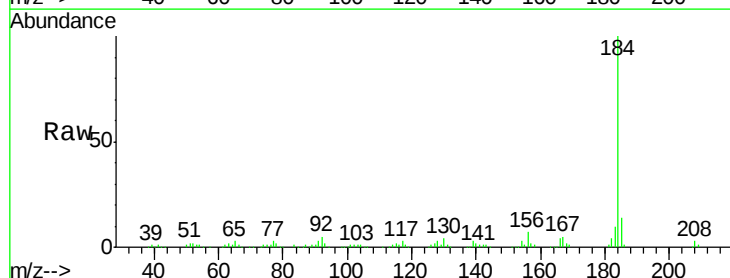
Tgt Ion:184 Resp: 210067

Ion Ratio Lower Upper

184 100

185 13.6 11.8 17.6

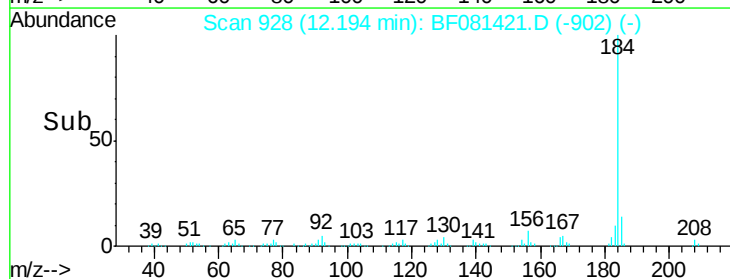
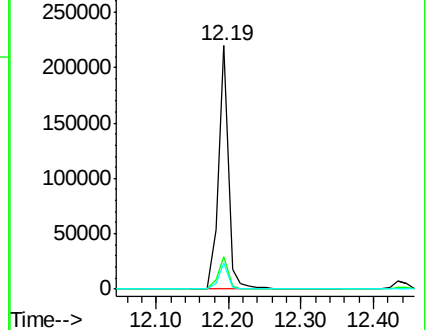
183 10.4 7.6 11.4

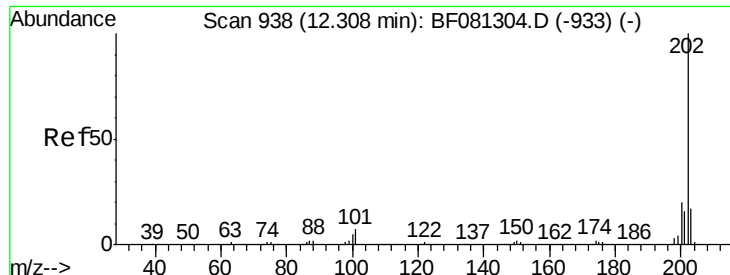


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

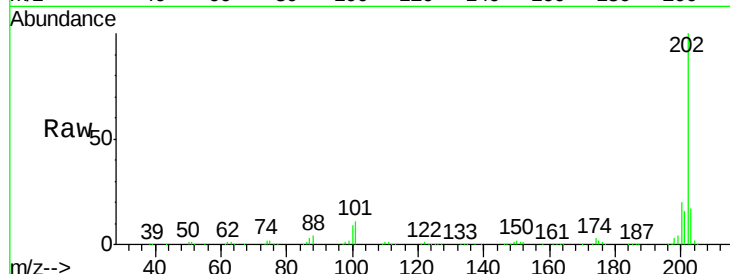




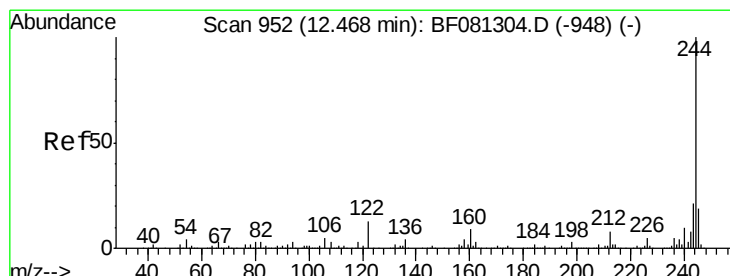
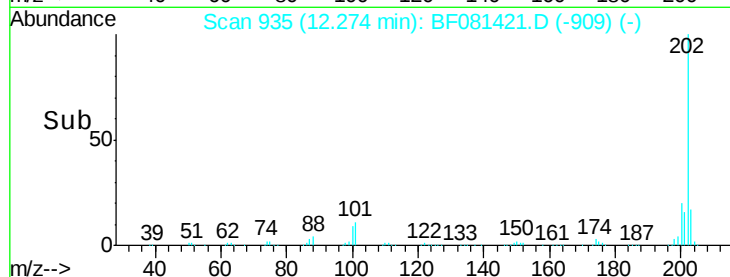
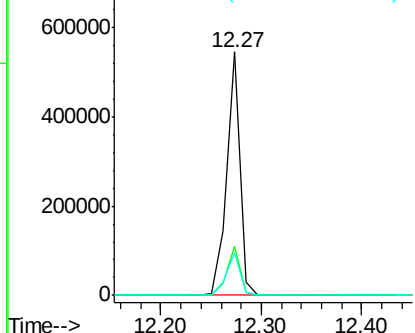
#77
 Pvrene
 Concen: 38.37 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.0	22.4
203	17.4	14.1	21.1

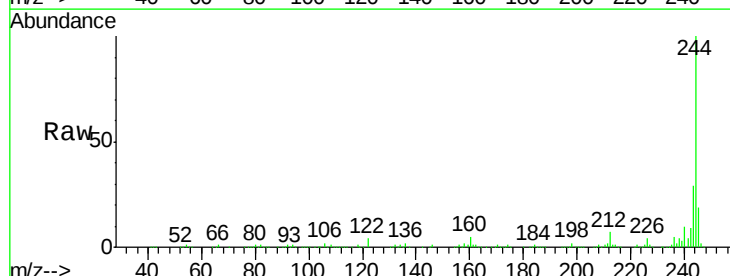


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

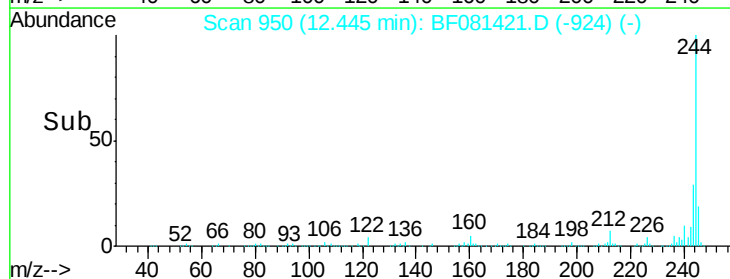
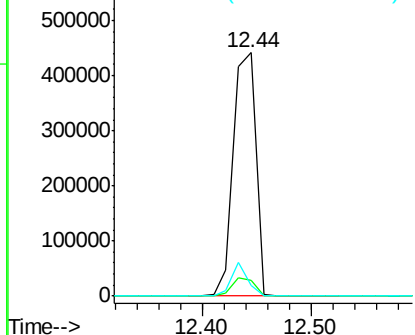


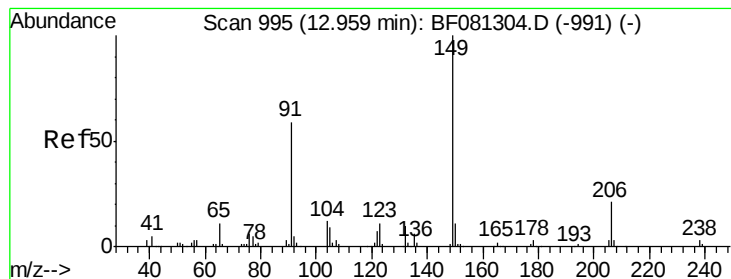
#78
 Terphenyl-d14
 Concen: 83.38 ng
 RT: 12.44 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

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



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





#79

Butylbenzylphthalate

Concen: 38.22 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

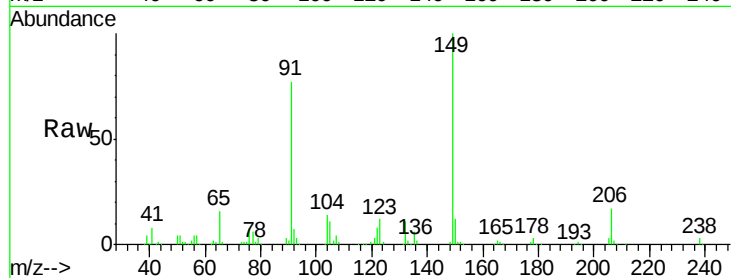
Tot Ion:149 Resp: 215541

Ion Ratio Lower Upper

149 100

91 77.3 48.6 72.8#

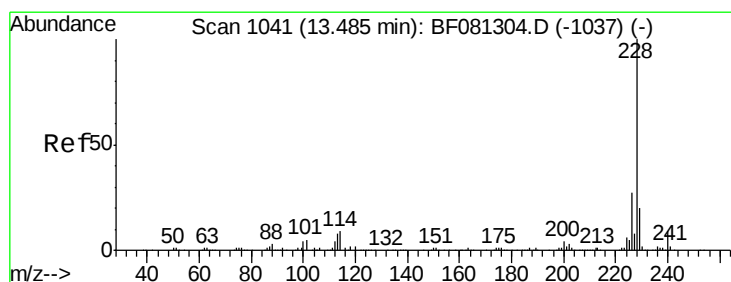
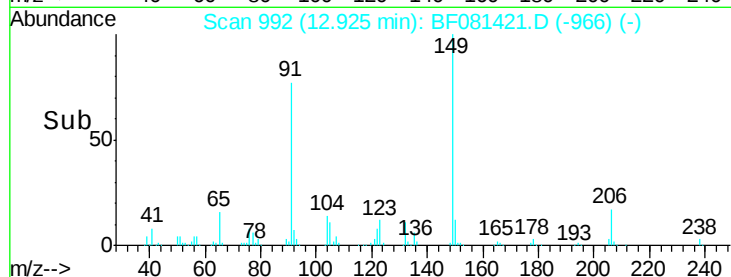
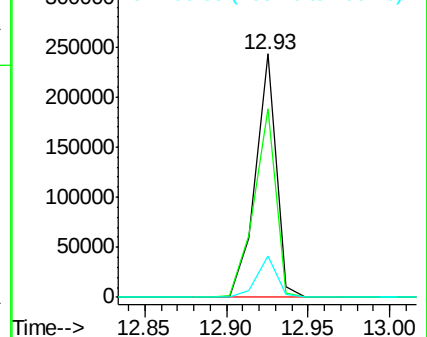
206 17.2 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.78 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

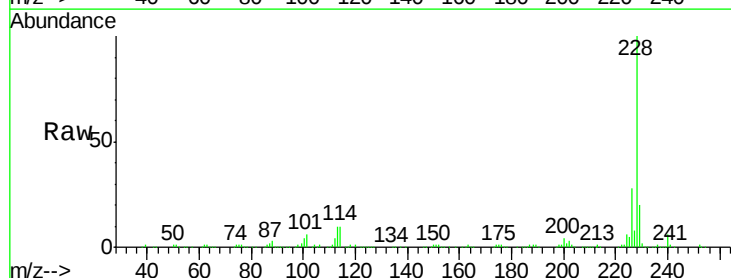
Tgt Ion:228 Resp: 376609

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

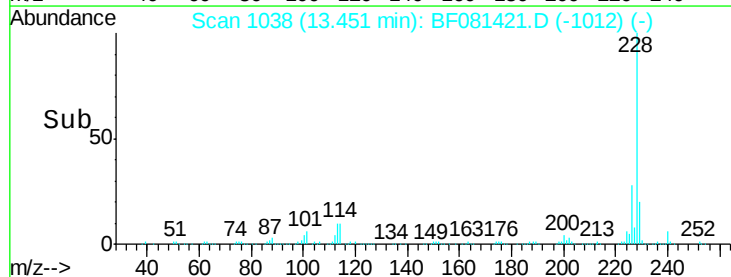
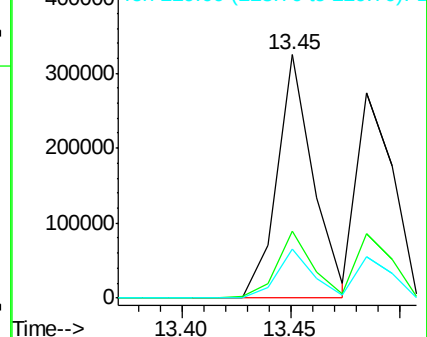
229 20.4 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

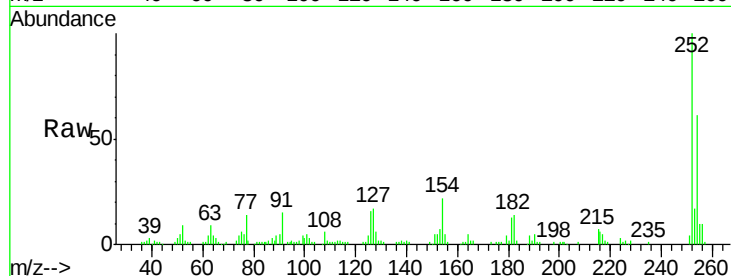




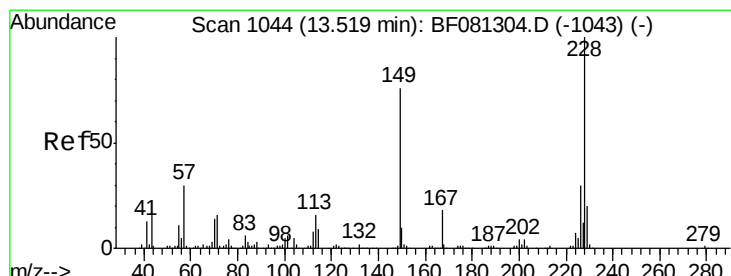
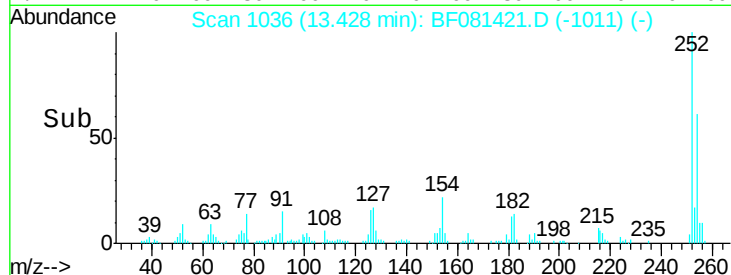
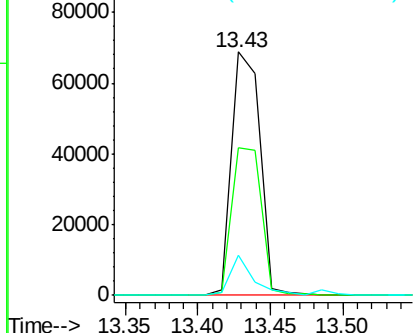
#81
 3,3'-Dichlorobenzidine
 Concen: 24.85 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.8	51.4	77.2
126	16.3	16.4	24.6#

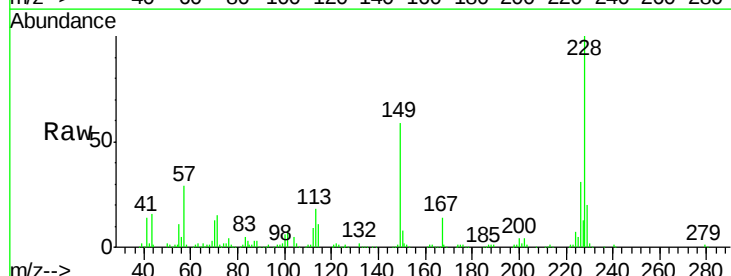


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

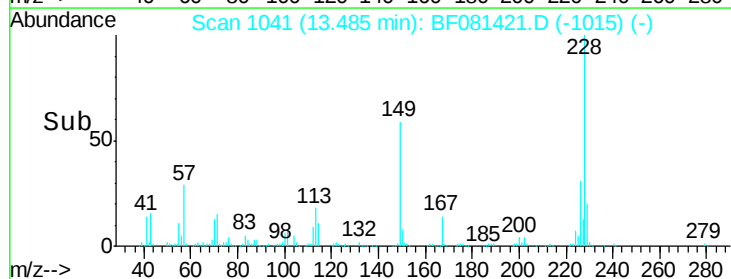
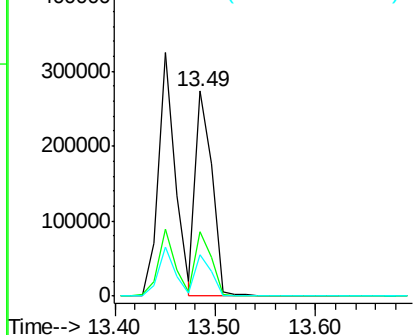


#82
 Chrysene
 Concen: 31.90 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.0	31.4
229	20.2	15.6	23.4



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

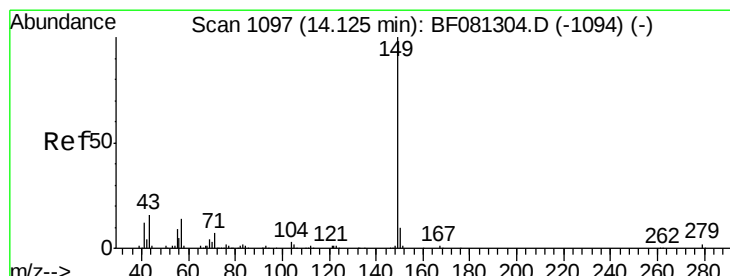
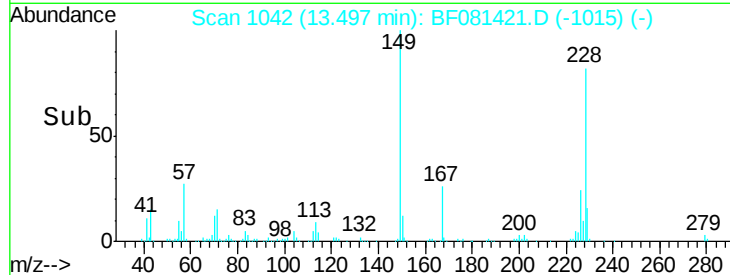
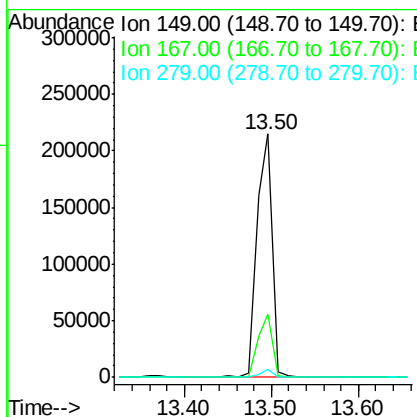
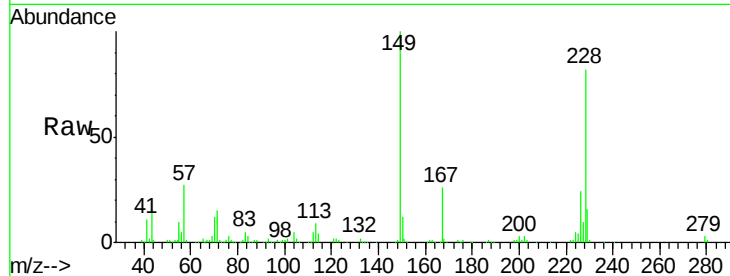




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.05 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

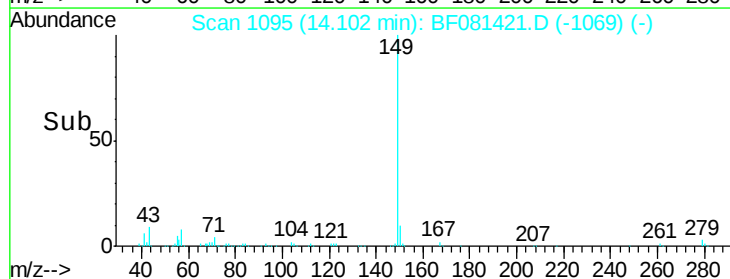
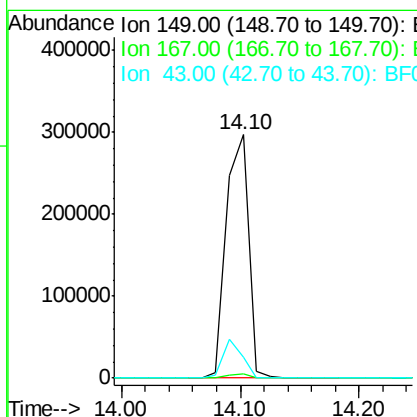
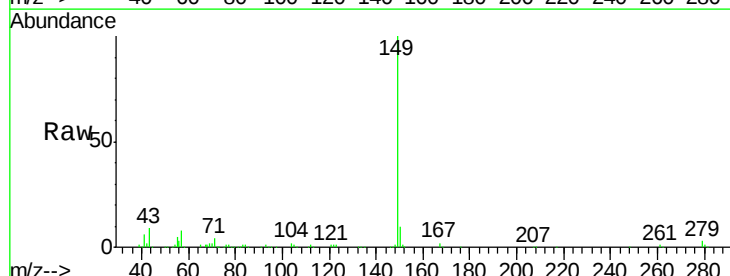
Instrument :
 BNA_F
 ClientSampled :

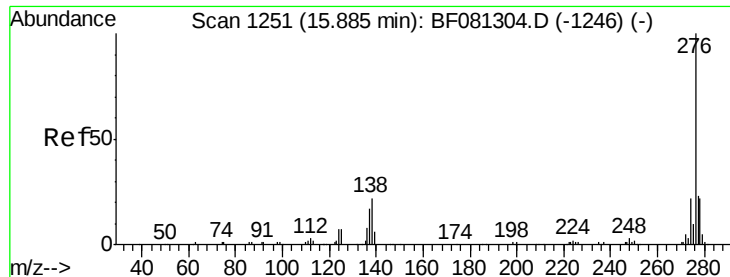
Tot Ion:	149	Resp:	268262
Ion Ratio		Lower	Upper
149	100		
167	26.2	24.2	36.2
279	3.3	3.8	5.6#



#84
 Di-n-octyl phthalate
 Concen: 31.66 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion:	149	Resp:	387995
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.0	1.6
43	13.4	10.2	15.2

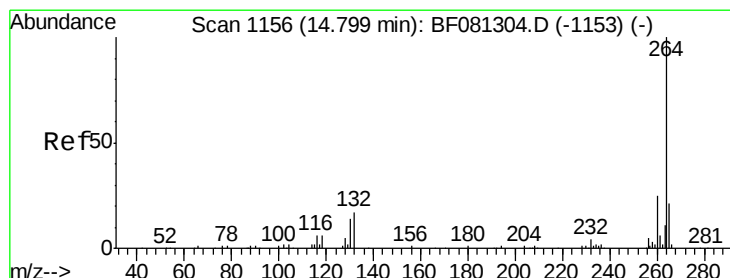
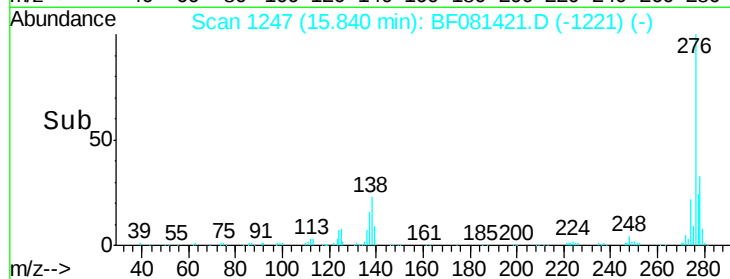
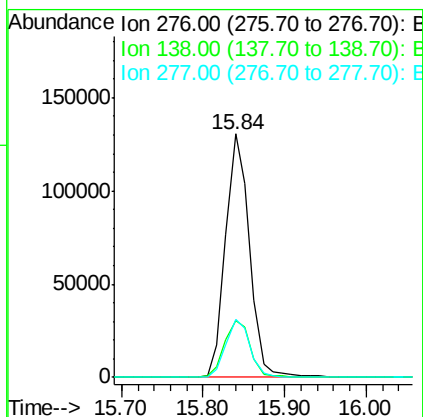
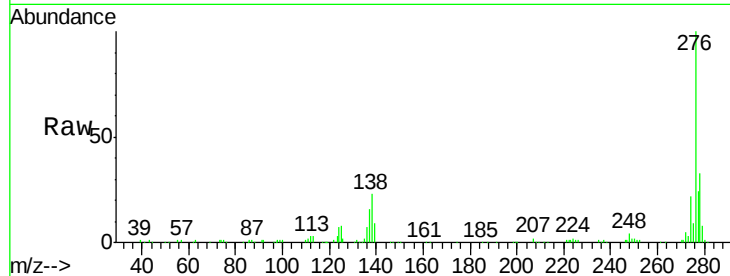




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.34 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

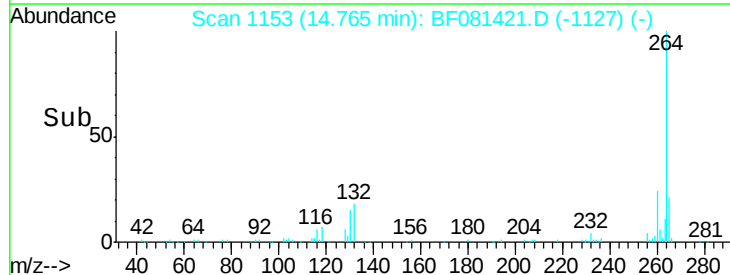
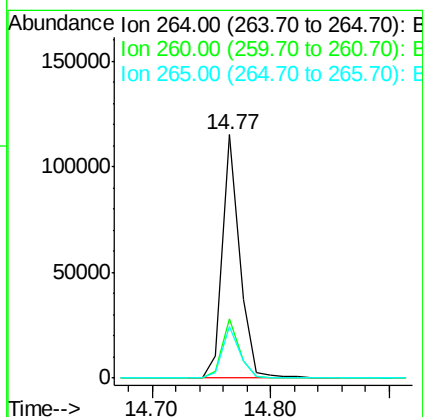
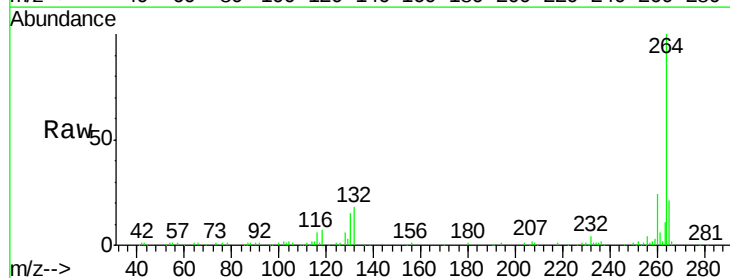
Instrument :
 BNA_F
 ClientSampleId :

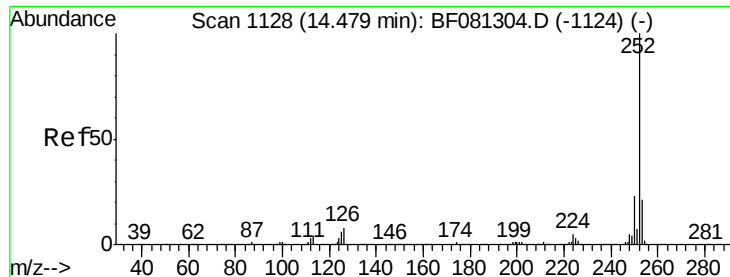
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.7	38.5#
277	23.9	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.3	17.2	25.8

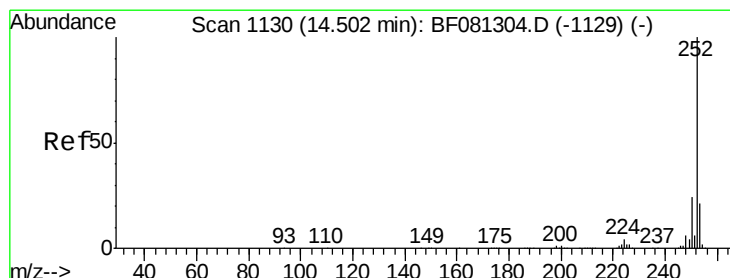
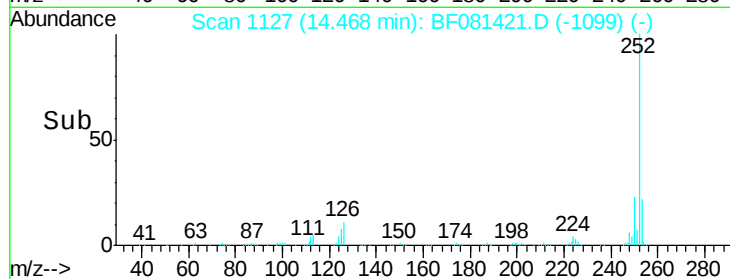
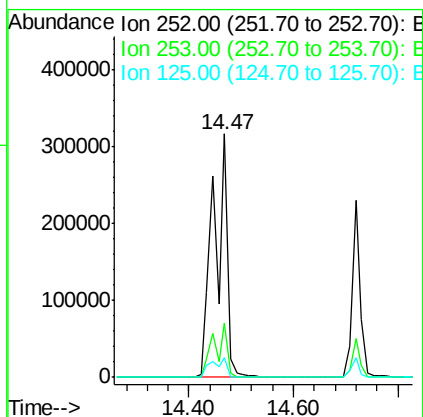
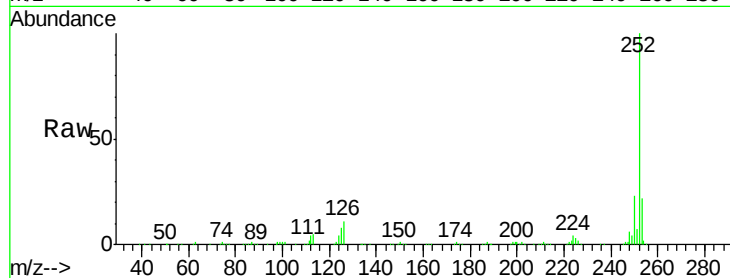




#87
Benzo(b)fluoranthene
Concen: 68.97 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

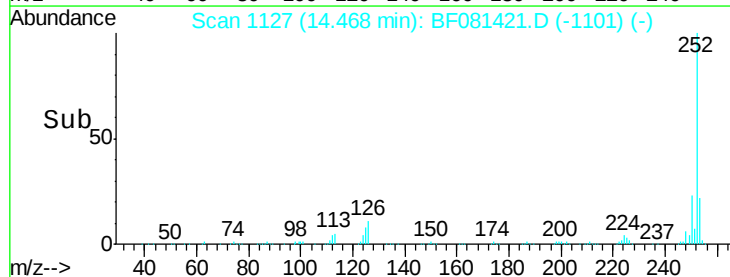
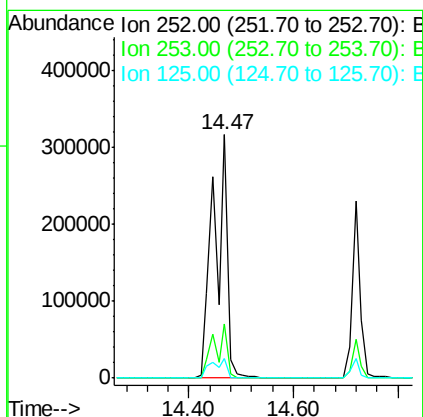
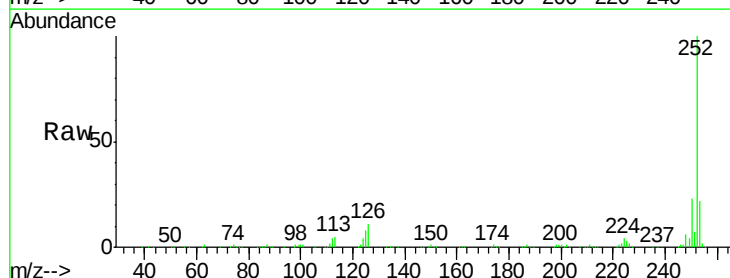
Instrument :
BNA_F
ClientSampleId :

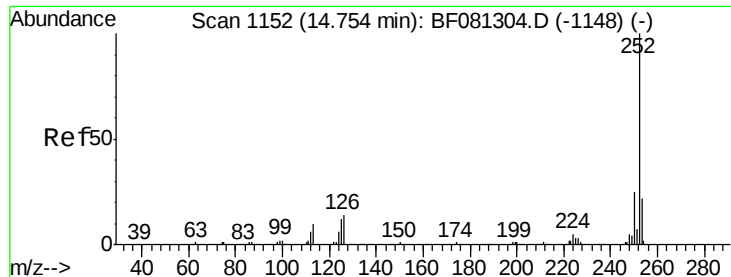
Tot Ion:252 Resp: 571560
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.1 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 83.13 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081421.D
Acq: 4 Sep 2015 16:13

Tgt Ion:252 Resp: 571560
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 8.1 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 35.84 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

Instrument :

BNA_F

ClientSampleId :

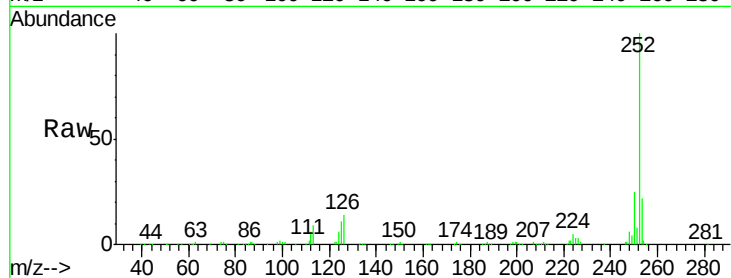
Tot Ion:252 Resp: 251634

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.8 18.0 27.0#

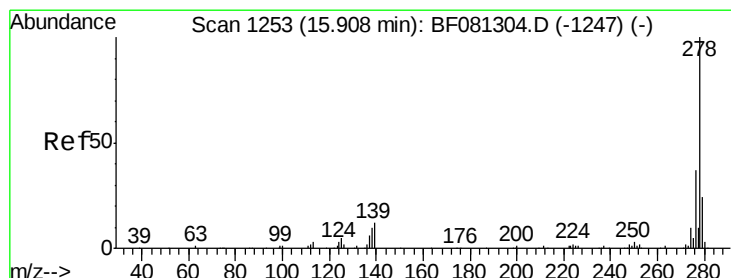
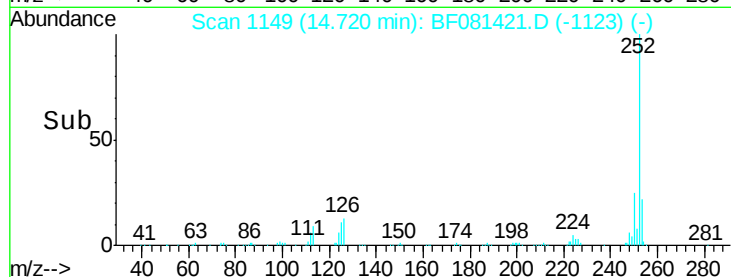


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 14.60 14.80



#90

Dibenzo(a,h)anthracene

Concen: 40.98 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081421.D

Acq: 4 Sep 2015 16:13

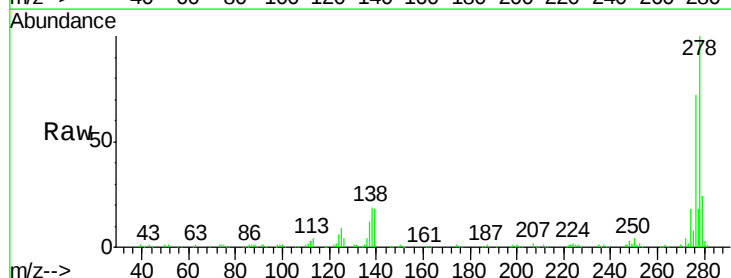
Tgt Ion:278 Resp: 222341

Ion Ratio Lower Upper

278 100

139 17.5 26.3 39.5#

279 23.6 18.2 27.4

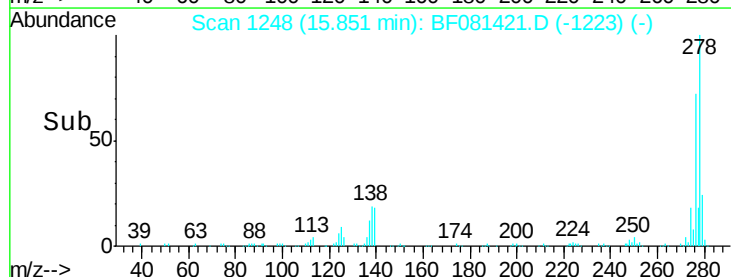


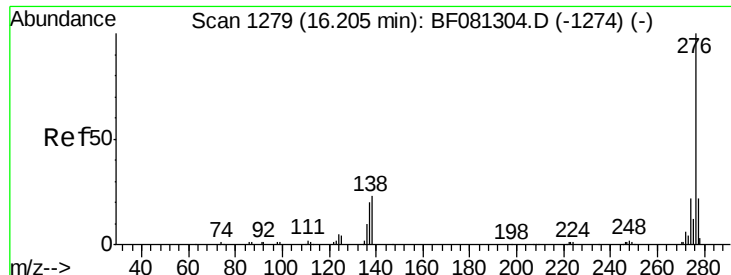
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 15.70 15.90 16.00

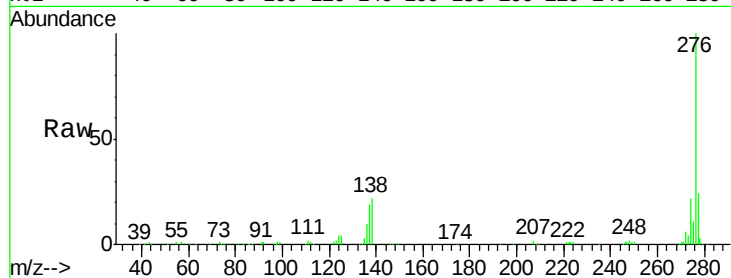




#91
 Benzo(a,h,i)perylene
 Concen: 43.58 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081421.D
 Acq: 4 Sep 2015 16:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.8	26.6
138	21.6	34.6	51.8



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

