

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080419.D
 Acq On : 11 Jul 2015 6:58
 Operator : TP/UM
 Sample : G2950-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Quant Time: Jul 13 00:59:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	19399	20.00	ng	0.00
21) Naphthalene-d8	8.43	136	83563	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	42103	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	83218	20.00	ng	0.00
75) Chrysene-d12	14.61	240	89136	20.00	ng	0.08
86) Perylene-d12	16.41	264	82336	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	150748	133.17	ng	0.00
7) Phenol-d6	6.80	99	201326	133.49	ng	0.00
23) Nitrobenzene-d5	7.71	82	118817	81.09	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	47542	115.70	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	256611	82.09	ng	0.00
78) Terphenyl-d14	13.36	244	291330	70.98	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	21222	38.94	ng	95
3) Pyridine	3.94	79	44275	36.59	ng	96
4) n-Nitrosodimethylamine	3.73	42	27830	41.93	ng	95
6) Aniline	6.82	93	36424	19.37	ng	99
8) 2-Chlorophenol	6.94	128	58365	42.80	ng	95
9) Benzaldehyde	6.70	77	26055	31.23	ng	97
10) Phenol	6.81	94	79986	47.99	ng	88
11) bis(2-Chloroethyl)ether	6.88	93	57860	42.17	ng	96
12) 1,3-Dichlorobenzene	7.08	146	62810	40.73	ng	96
13) 1,4-Dichlorobenzene	7.16	146	70384	40.47	ng	98
14) 1,2-Dichlorobenzene	7.32	146	61722	37.46	ng	98
15) Benzyl Alcohol	7.30	79	51926	41.83	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.41	45	85027	42.97	ng	# 65
17) 2-Methylphenol	7.41	107	43566	36.75	ng	95
18) Hexachloroethane	7.66	117	20988	39.11	ng	91
19) n-Nitroso-di-n-propylamine	7.55	70	44877	43.48	ng	# 86
20) 3+4-Methylphenols	7.56	107	63509	42.64	ng	# 58
22) Acetophenone	7.56	105	77878	38.89	ng	# 97
24) Nitrobenzene	7.73	77	62700	38.68	ng	93
25) Isophorone	7.97	82	110447	42.06	ng	# 89
26) 2-Nitrophenol	8.05	139	27451	35.28	ng	93
27) 2,4-Dimethylphenol	8.09	122	57060	46.59	ng	93
28) bis(2-Chloroethoxy)methane	8.17	93	64167	40.38	ng	# 97
29) 2,4-Dichlorophenol	8.29	162	50946	45.06	ng	89
30) 1,2,4-Trichlorobenzene	8.37	180	54415	36.38	ng	97
31) Naphthalene	8.45	128	176641	38.65	ng	99
32) Benzoic acid	8.17	122	5074	5.89	ng	# 88
33) 4-Chloroaniline	8.51	127	27845	17.97	ng	99
34) Hexachlorobutadiene	8.57	225	33103	38.13	ng	97
35) Caprolactam	8.89	113	11420	35.31	ng	# 61
36) 4-Chloro-3-methylphenol	8.99	107	51558	43.06	ng	# 80
37) 2-Methylnaphthalene	9.14	142	113282	37.56	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	57106	40.53	ng	97
40) Hexachlorocyclopentadiene	9.30	237	64825	88.20	ng	100

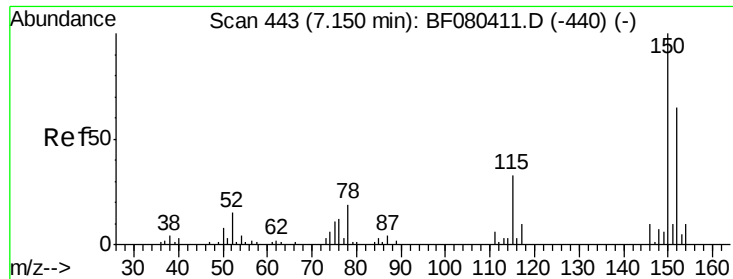
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080419.D
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 Operator : TP/UM
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	34061	41.98	ng	93
43) 2,4,5-Trichlorophenol	9.47	196	38364	44.06	ng #	87
45) 1,1'-Biphenyl	9.61	154	151631	41.32	ng	99
46) 2-Chloronaphthalene	9.63	162	104159	38.45	ng #	90
47) 2-Nitroaniline	9.74	65	29000	35.11	ng #	86
48) Acenaphthylene	10.05	152	186321	40.21	ng	99
49) Dimethylphthalate	9.90	163	165267	51.93	ng #	97
50) 2,6-Dinitrotoluene	9.97	165	27865	39.01	ng #	82
51) Acenaphthene	10.22	154	115342	39.16	ng	99
52) 3-Nitroaniline	10.16	138	18698	26.81	ng	84
53) 2,4-Dinitrophenol	10.25	184	11131	38.17	ng #	57
54) Dibenzofuran	10.40	168	163595	41.95	ng	97
55) 4-Nitrophenol	10.33	139	43441	77.11	ng #	80
56) 2,4-Dinitrotoluene	10.37	165	37854	45.32	ng #	83
57) Fluorene	10.74	166	131175	39.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.52	232	33186	43.44	ng #	90
59) Diethylphthalate	10.60	149	138230	44.36	ng	97
60) 4-Chlorophenyl-phenylether	10.73	204	64375	40.67	ng	91
61) 4-Nitroaniline	10.77	138	25698	36.95	ng	89
62) Azobenzene	10.89	77	134165	39.89	ng	97
64) 4,6-Dinitro-2-methylphenol	10.78	198	18132	39.62	ng #	79
65) n-Nitrosodiphenylamine	10.84	169	103185	39.78	ng	98
66) 4-Bromophenyl-phenylether	11.22	248	38252	43.13	ng #	87
67) Hexachlorobenzene	11.29	284	34279	38.50	ng #	53
68) Atrazine	11.37	200	31063	38.51	ng	93
69) Pentachlorophenol	11.49	266	45421	89.31	ng	97
70) Phenanthrene	11.71	178	203434	40.69	ng	99
71) Anthracene	11.77	178	195225	42.17	ng	100
72) Carbazole	11.93	167	186149	43.57	ng	99
73) Di-n-butylphthalate	12.24	149	203506	45.04	ng #	98
74) Fluoranthene	12.96	202	219205	42.28	ng	99
76) Benzidine	13.09	184	63283	36.34	ng	98
77) Pyrene	13.21	202	227491	39.84	ng	99
79) Butylbenzylphthalate	13.89	149	93324	43.11	ng	93
80) Benzo(a)anthracene	14.59	228	216140	38.48	ng	100
81) 3,3'-Dichlorobenzidine	14.56	252	50339	29.97	ng #	98
82) Chrysene	14.64	228	212372	41.06	ng	99
83) Bis(2-ethylhexyl)phthalate	14.57	149	144651	42.58	ng	98
84) Di-n-octyl phthalate	15.36	149	251044	41.95	ng	99
85) Indeno(1,2,3-cd)pyrene	18.09	276	234953	36.57	ng	99
87) Benzo(b)fluoranthene	15.92	252	231539	40.48	ng	99
88) Benzo(k)fluoranthene	15.95	252	187331	40.05	ng	99
89) Benzo(a)pyrene	16.34	252	209049	41.71	ng	98
90) Dibenzo(a,h)anthracene	18.10	278	195694	39.42	ng	99
91) Benzo(g,h,i)perylene	18.59	276	199085	40.37	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

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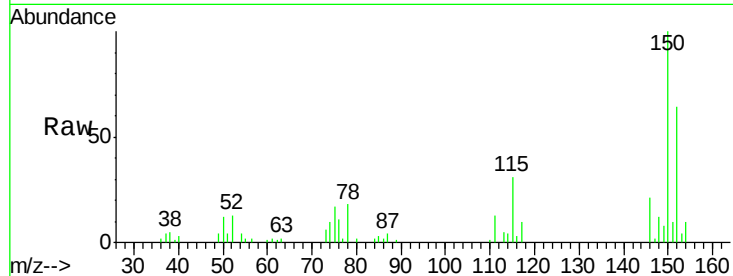
Tgt Ion:152 Resp: 19399

Ion Ratio Lower Upper

152 100

150 156.8 122.3 183.5

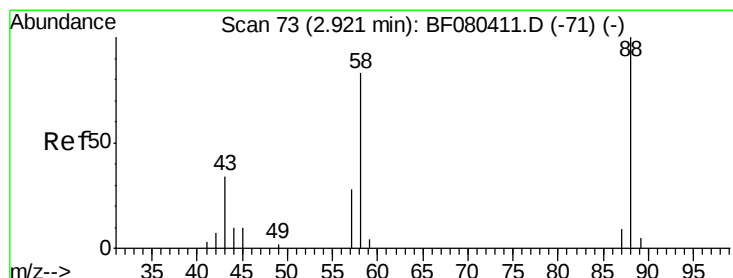
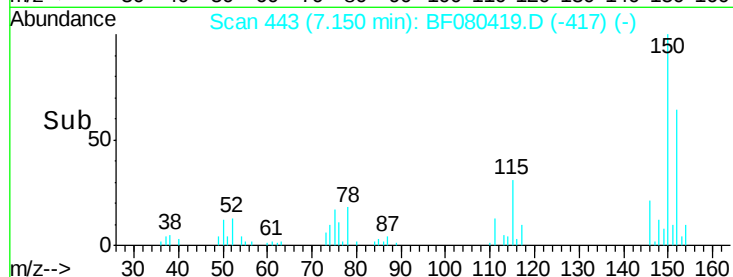
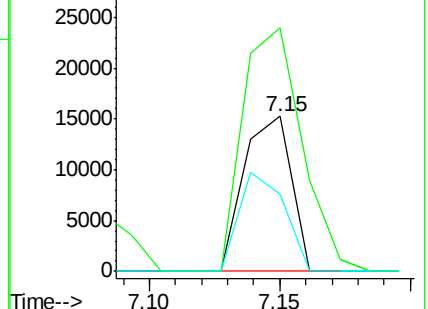
115 49.4 41.0 61.4



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: 38.94 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.01 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

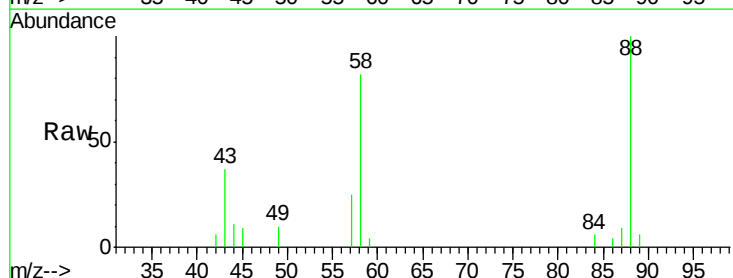
Tgt Ion: 88 Resp: 21222

Ion Ratio Lower Upper

88 100

58 81.8 62.4 93.6

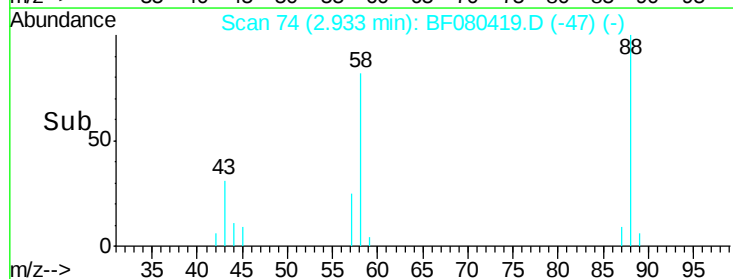
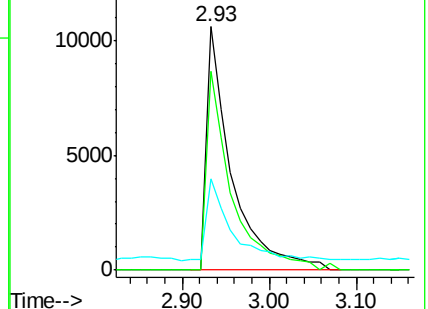
43 33.7 24.4 36.6

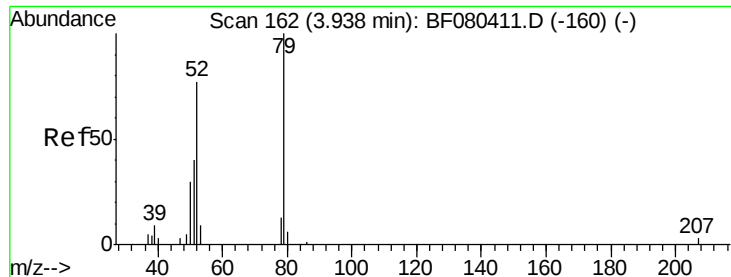


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.59 ng

RT: 3.94 min Scan# 162

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MS

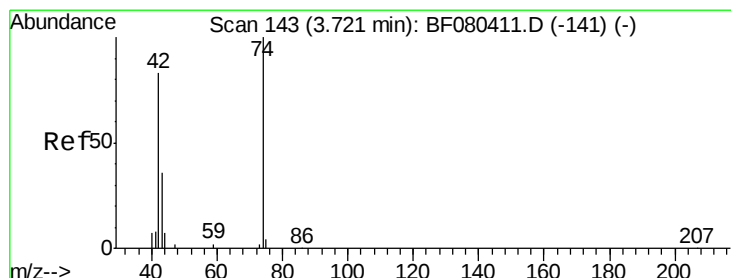
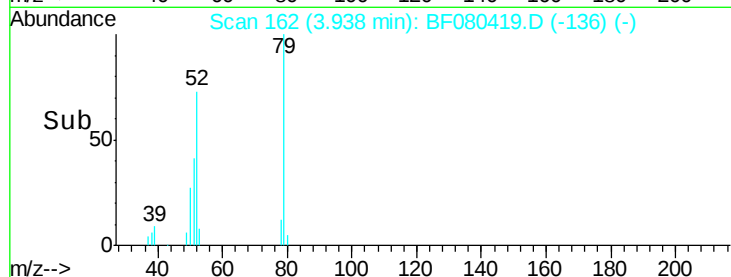
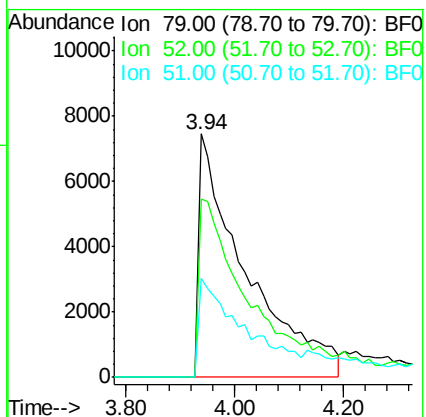
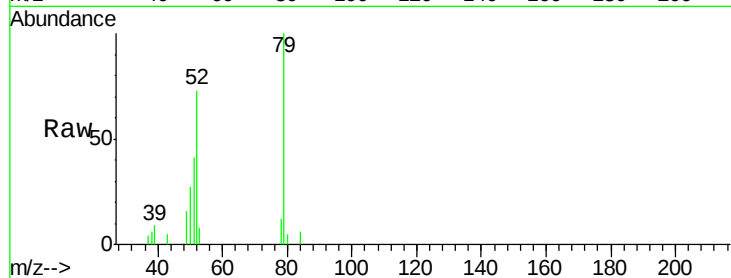
Tgt Ion: 79 Resp: 44275

Ion Ratio Lower Upper

79 100

52 73.2 61.6 92.4

51 40.8 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 41.93 ng

RT: 3.73 min Scan# 144

Delta R.T. 0.01 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

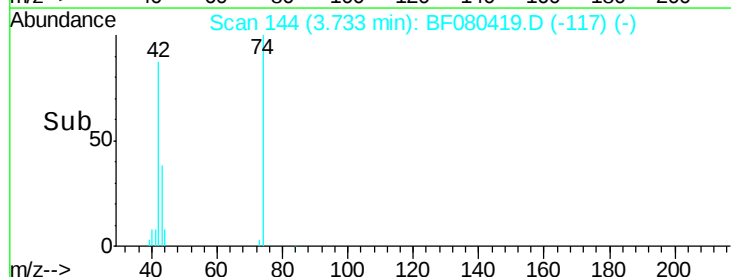
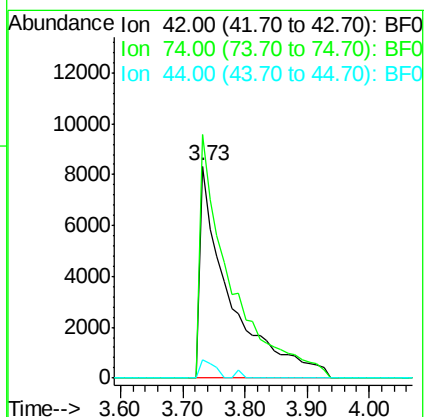
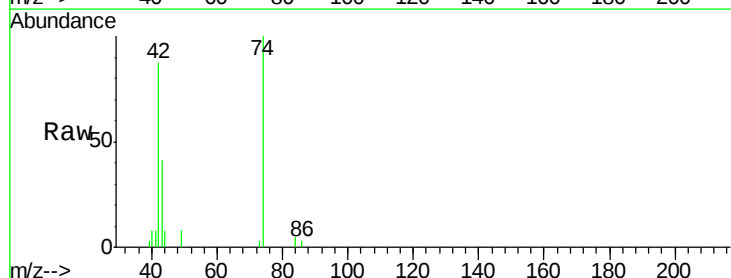
Tgt Ion: 42 Resp: 27830

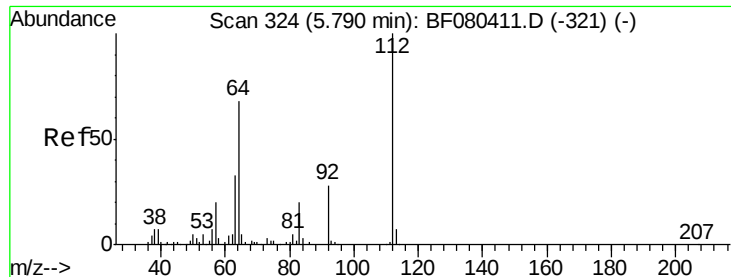
Ion Ratio Lower Upper

42 100

74 114.9 97.0 145.4

44 8.7 6.3 9.5





#5

2-Fluorophenol

Concen: 133.17 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MS

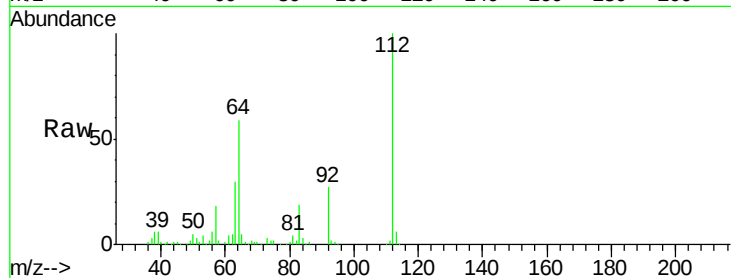
Tgt Ion: 112 Resp: 150748

Ion Ratio Lower Upper

112 100

64 58.7 54.3 81.5

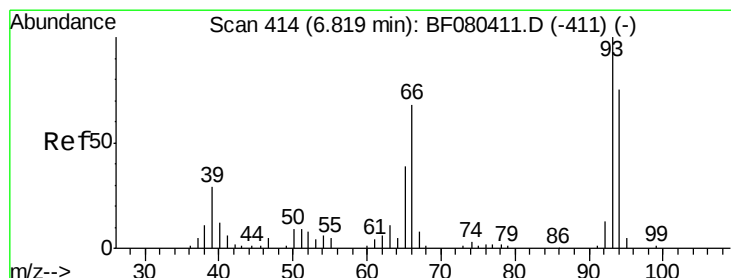
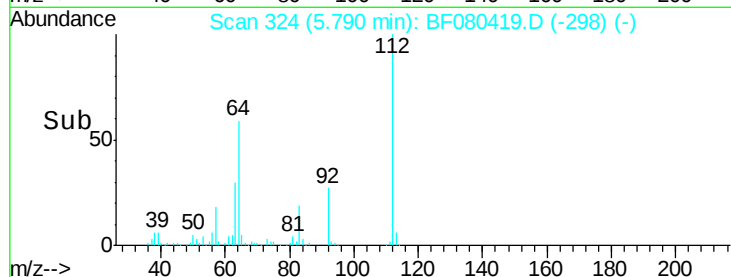
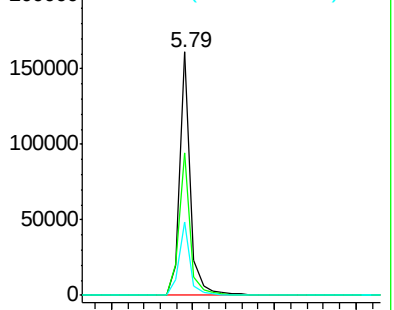
63 30.2 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.37 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

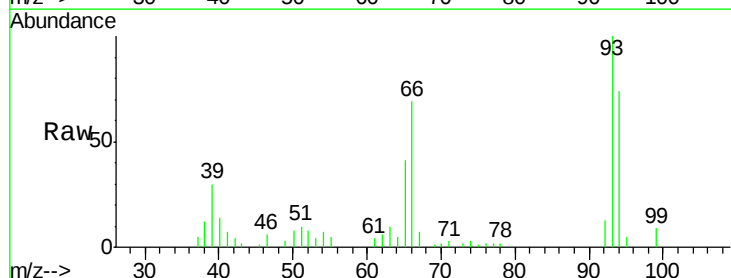
Tgt Ion: 93 Resp: 36424

Ion Ratio Lower Upper

93 100

66 68.8 54.8 82.2

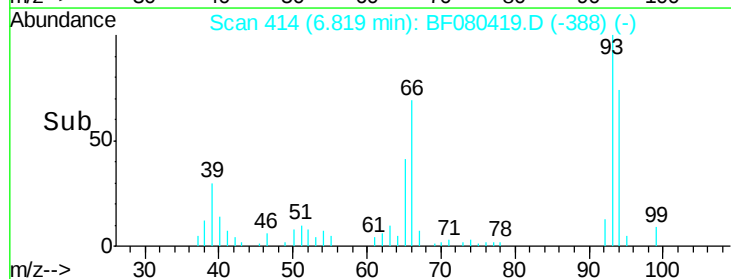
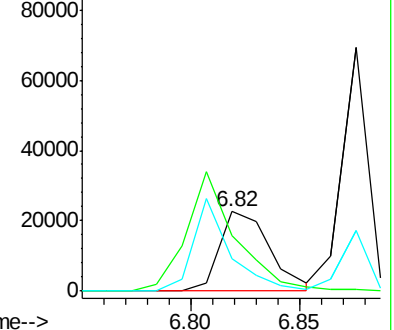
65 41.2 31.4 47.2

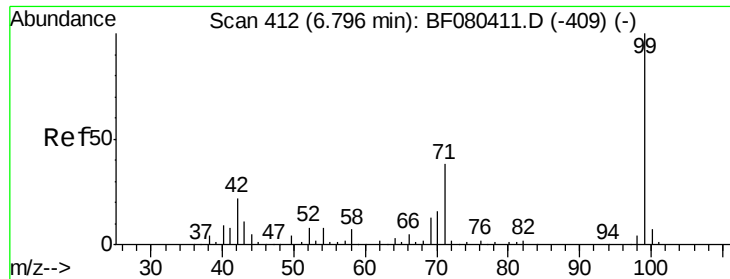


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.49 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Instrument :

BNA_F

ClientSampleId :

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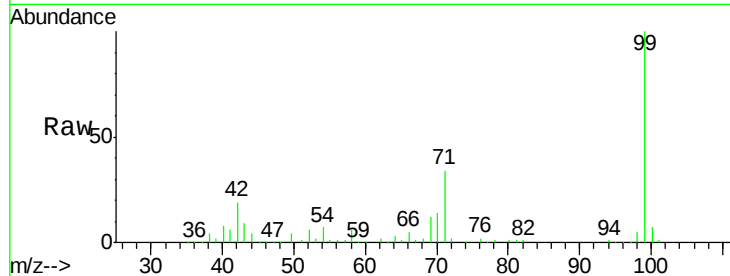
Tgt Ion: 99 Resp: 201326

Ion Ratio Lower Upper

99 100

42 18.7 17.9 26.9

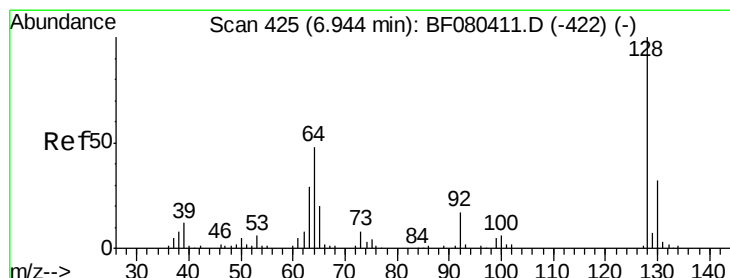
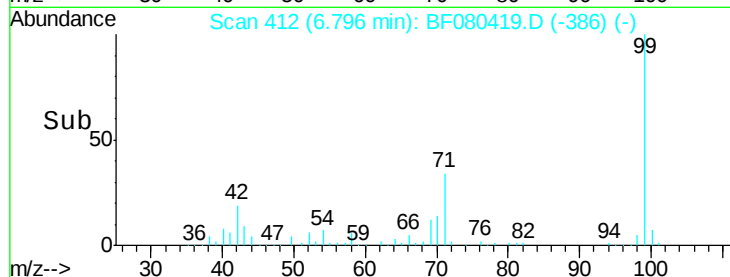
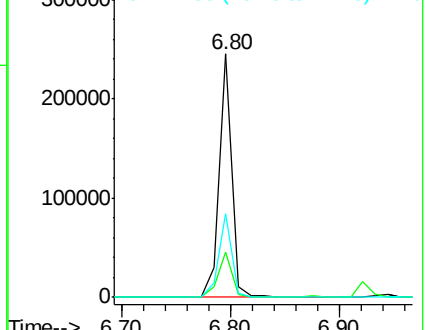
71 34.3 30.1 45.1



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: 42.80 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

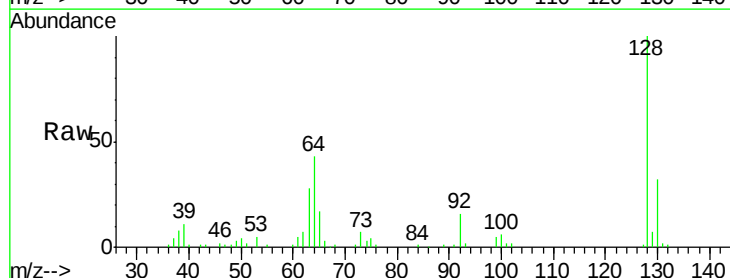
Tgt Ion: 128 Resp: 58365

Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

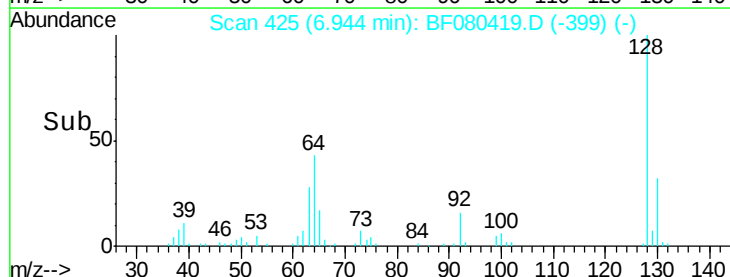
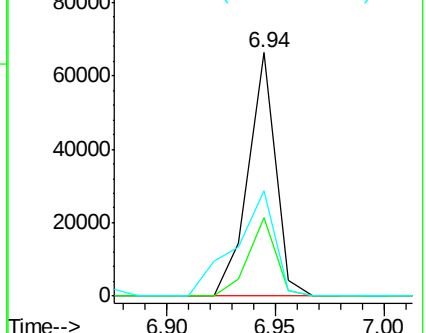
64 43.4 28.0 68.0

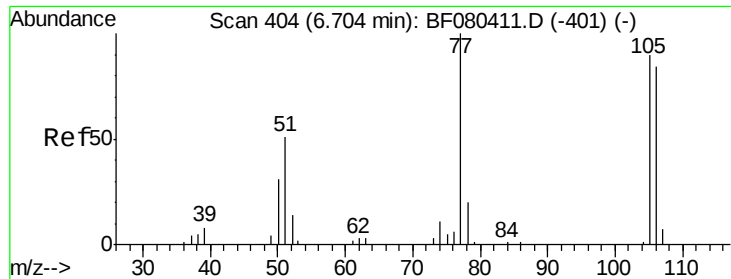


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

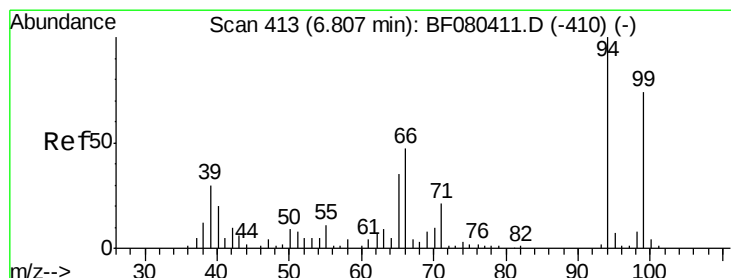
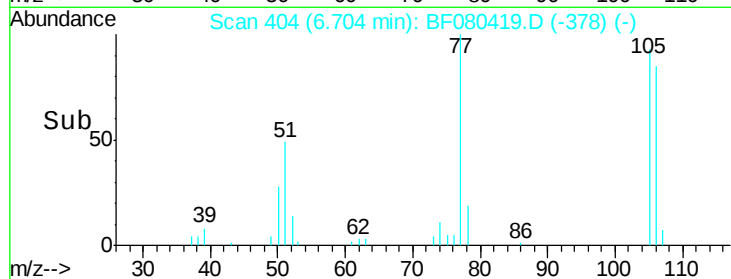
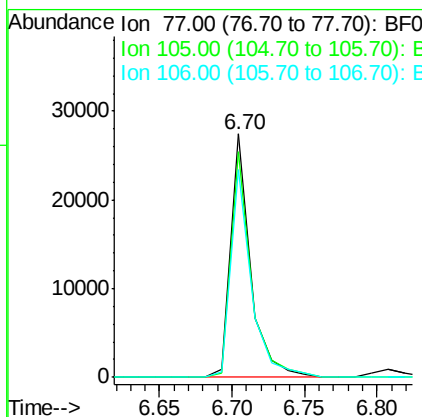
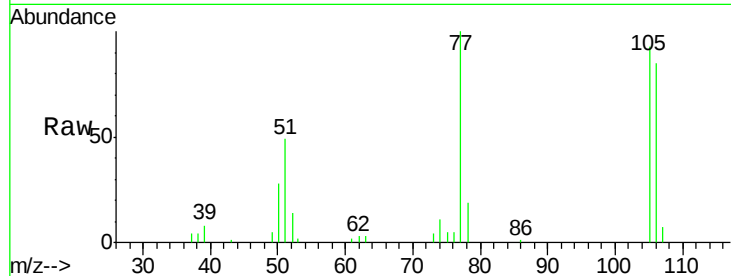




#9
Benzaldehyde
Concen: 31.23 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

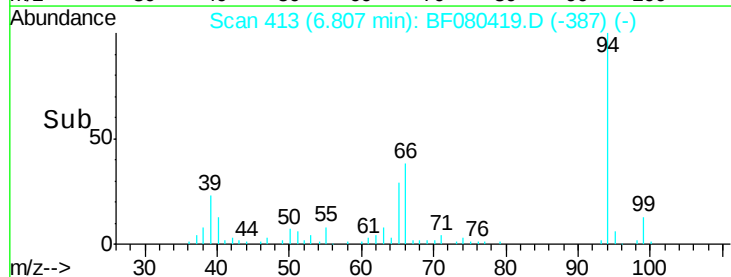
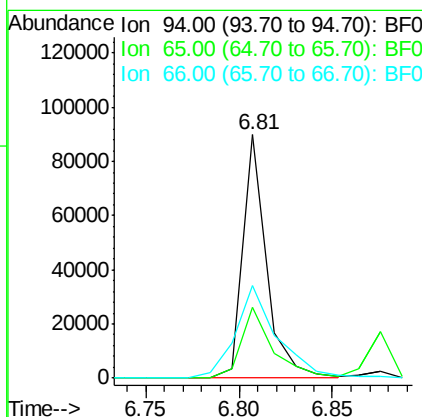
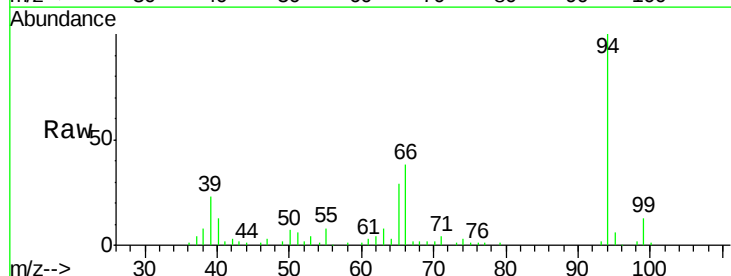
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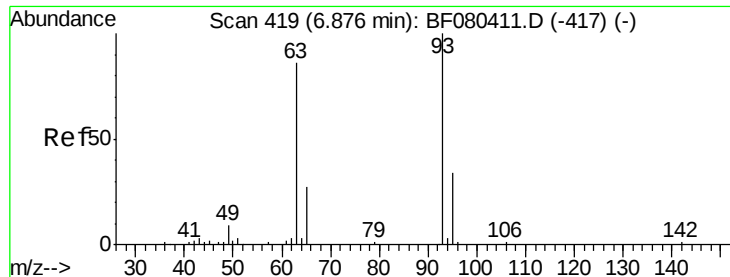
Tgt Ion: 77 Resp: 26055
Ion Ratio Lower Upper
77 100
105 92.7 69.6 109.6
106 85.2 63.6 103.6



#10
Phenol
Concen: 47.99 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion: 94 Resp: 79986
Ion Ratio Lower Upper
94 100
65 29.3 15.0 55.0
66 37.9 27.1 67.1

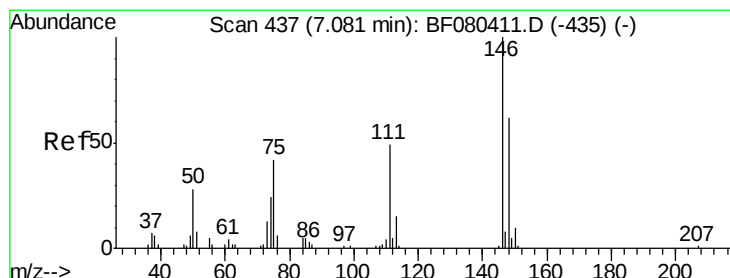
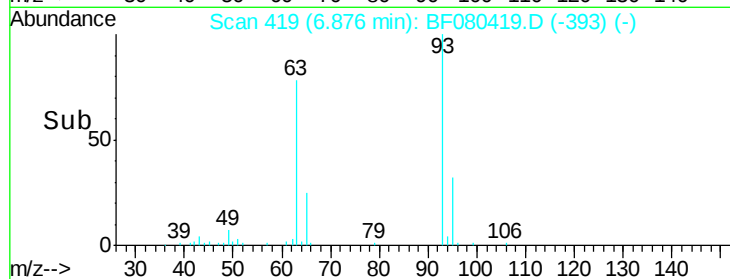
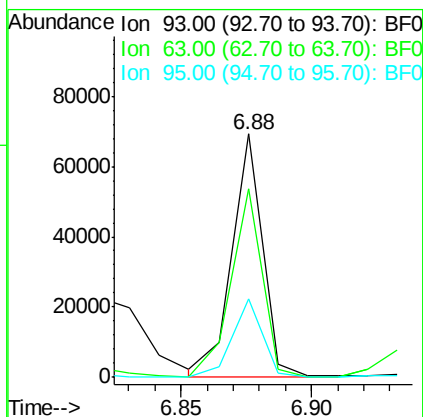
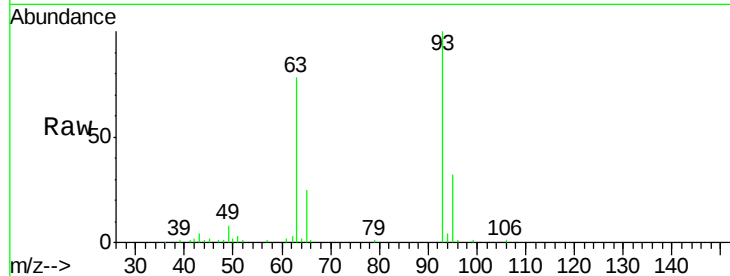




#11
bis(2-Chloroethyl)ether
Concen: 42.17 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

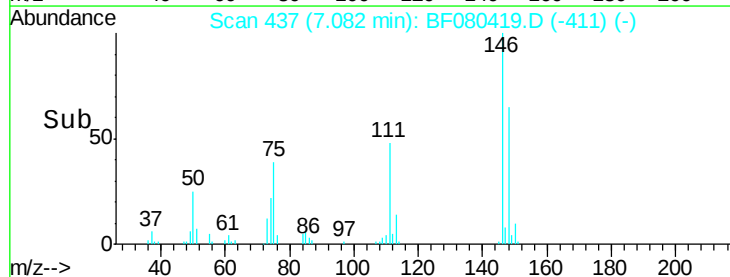
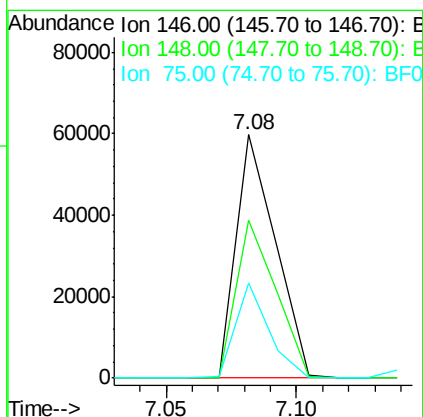
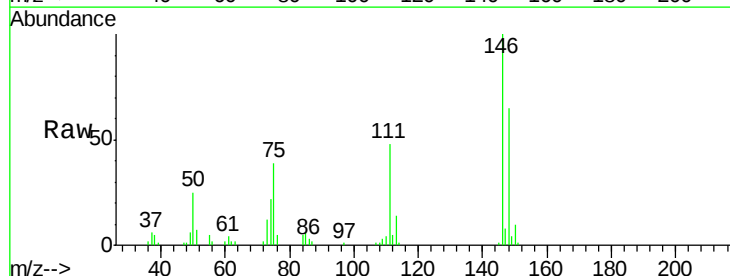
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MS

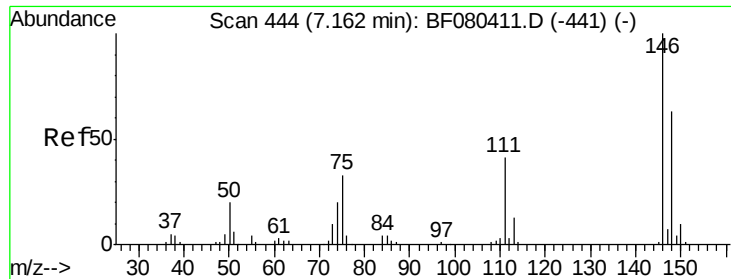
Tgt Ion: 93 Resp: 57860
Ion Ratio Lower Upper
93 100
63 77.5 62.9 102.9
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.73 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion: 146 Resp: 62810
Ion Ratio Lower Upper
146 100
148 64.9 49.5 74.3
75 39.2 33.4 50.2

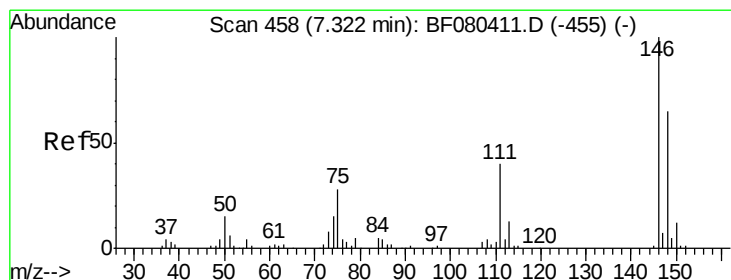
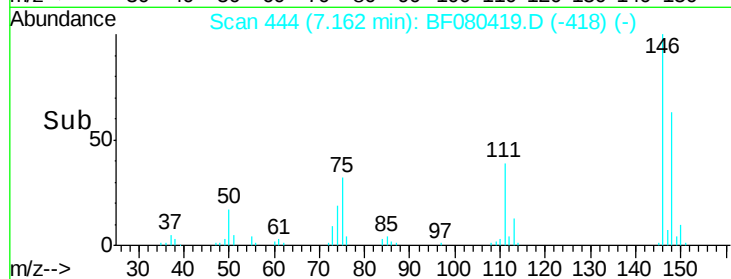
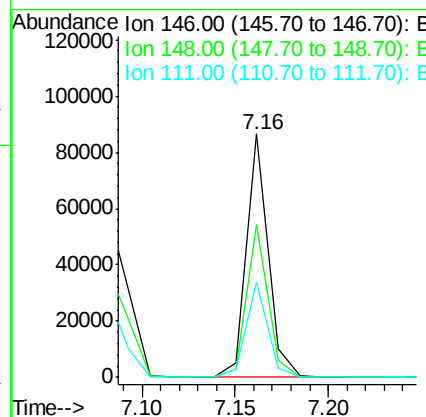
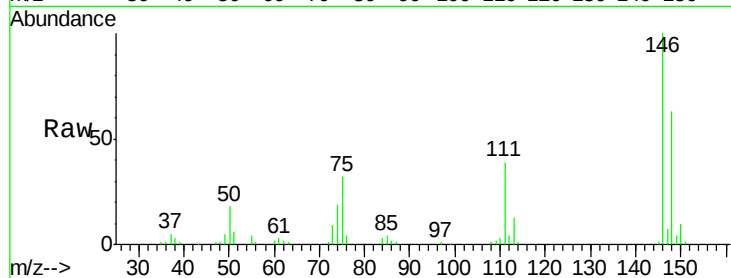




#13
 1,4-Dichlorobenzene
 Concen: 40.47 ng
 RT: 7.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

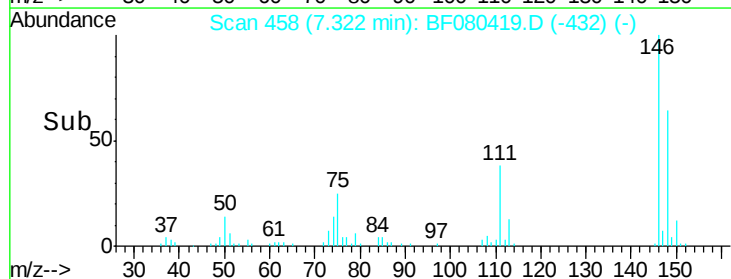
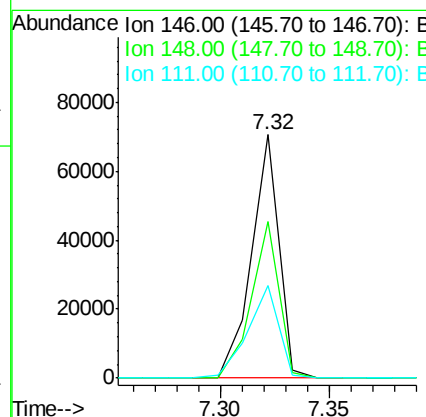
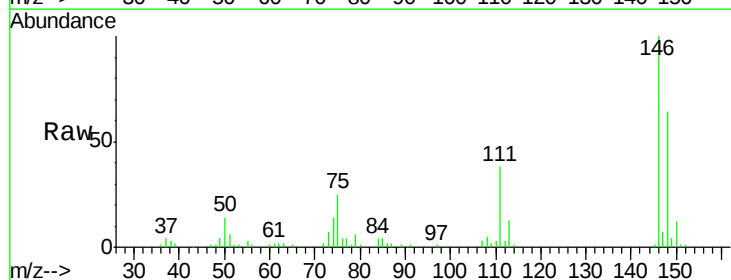
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

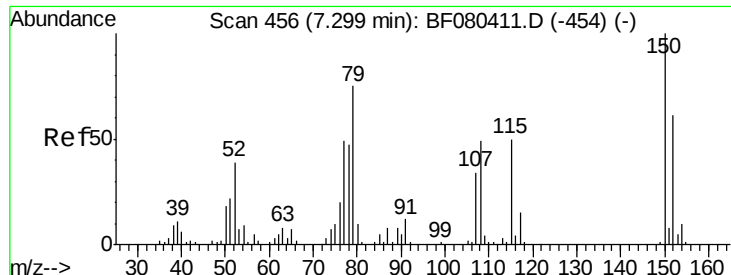
Tgt Ion:146 Resp: 70384
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 39.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 37.46 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:146 Resp: 61722
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 37.8 32.2 48.2

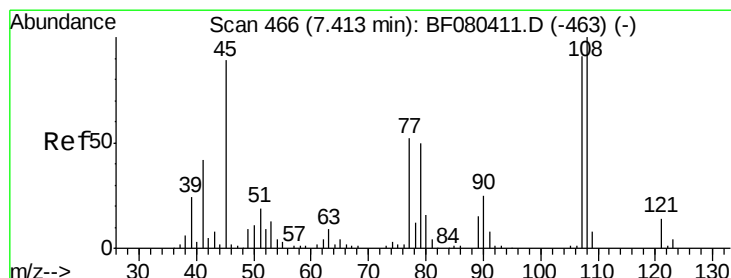
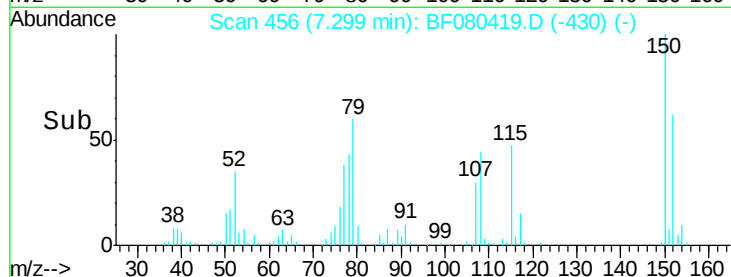
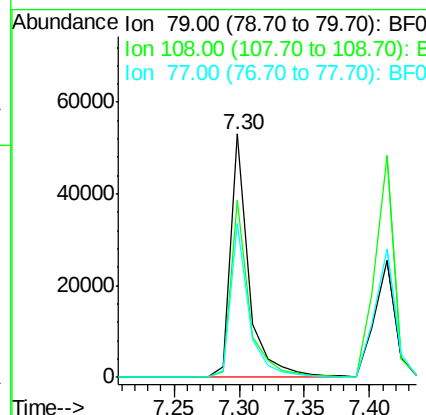
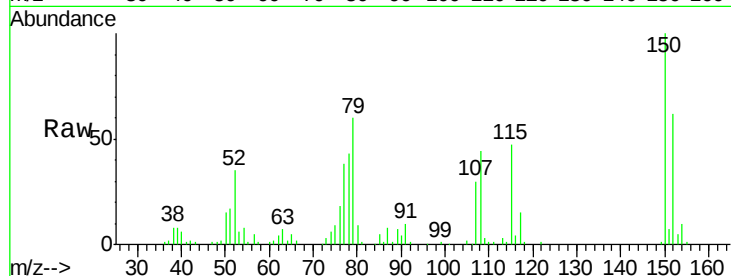




#15
Benzyl Alcohol
Concen: 41.83 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

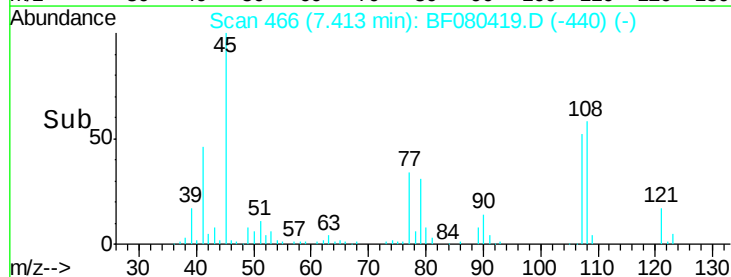
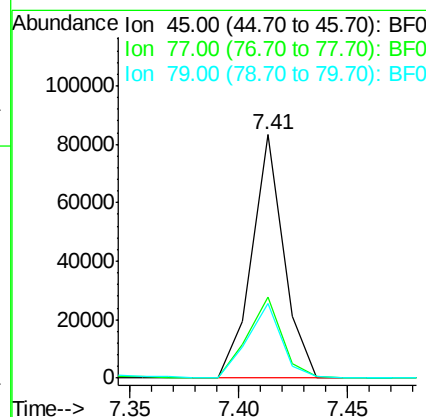
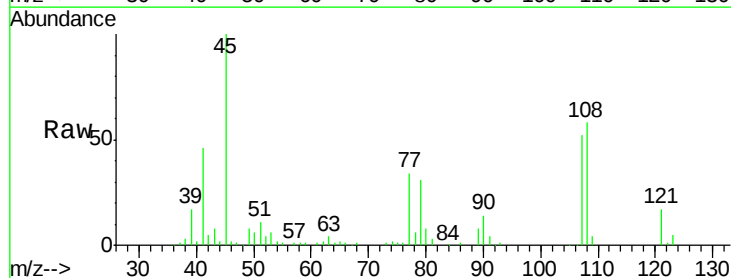
Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MS

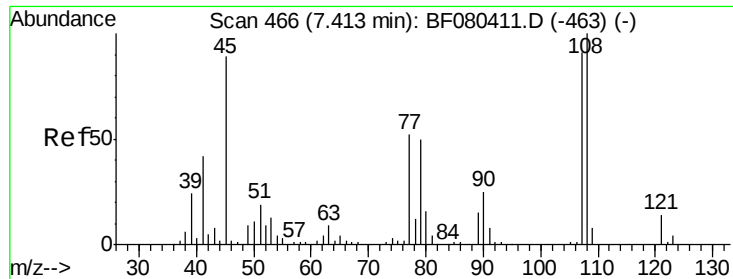
Tgt Ion: 79 Resp: 51926
Ion Ratio Lower Upper
79 100
108 72.7 51.6 77.4
77 63.0 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.97 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion: 45 Resp: 85027
Ion Ratio Lower Upper
45 100
77 33.5 39.1 79.1#
79 30.6 37.2 77.2#

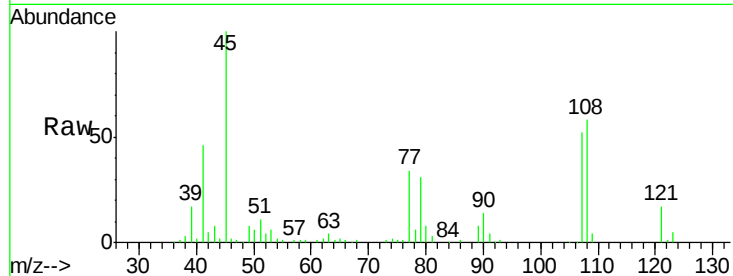




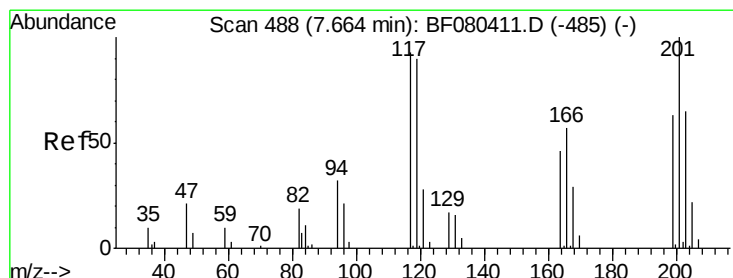
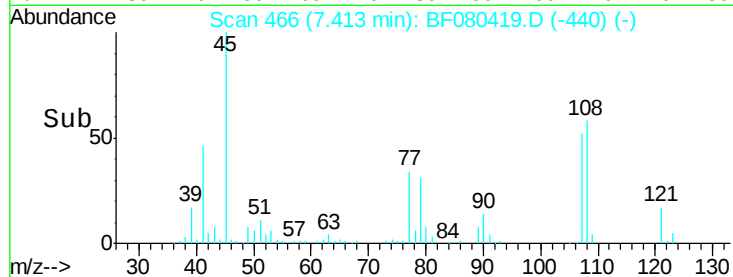
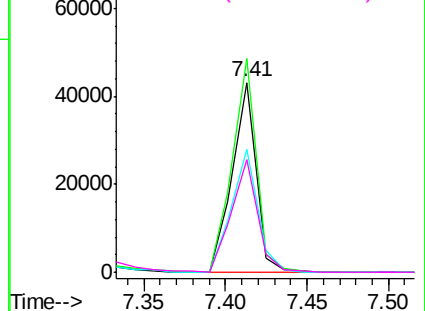
#17
2-Methylphenol
Concen: 36.75 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MS

Tgt Ion:107 Resp: 43566
Ion Ratio Lower Upper
107 100
108 112.4 88.0 132.0
77 64.6 45.9 68.9
79 59.0 44.5 66.7

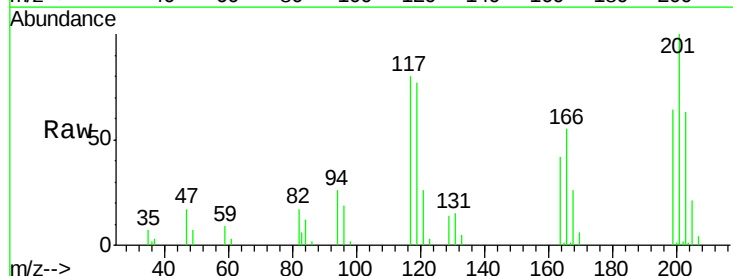


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

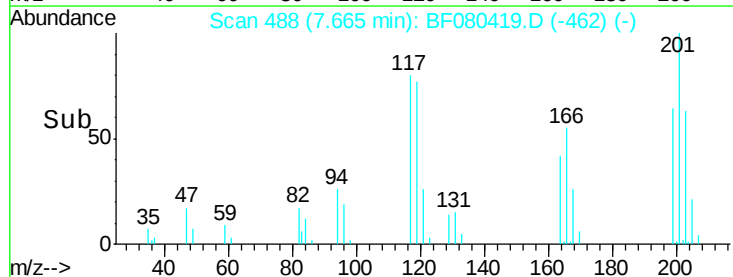
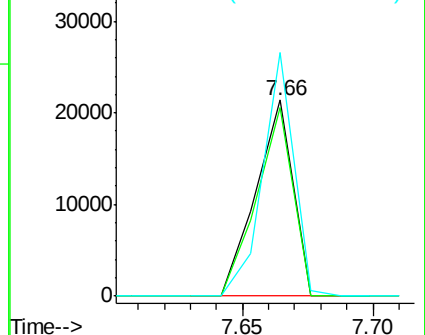


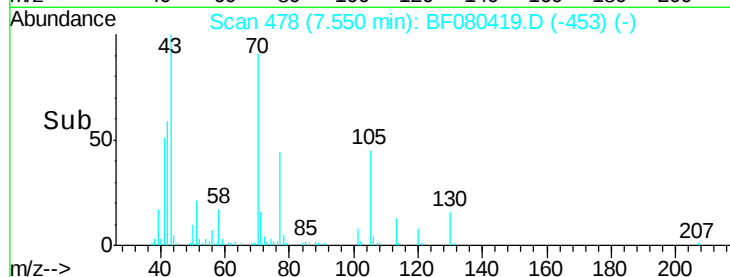
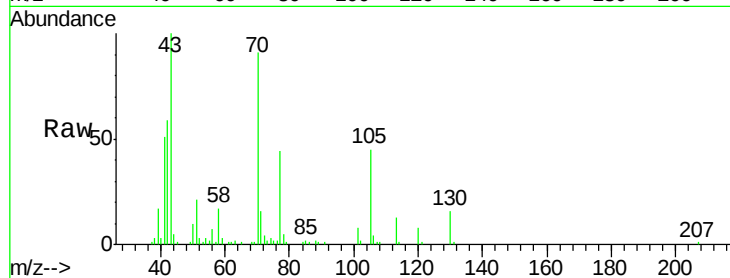
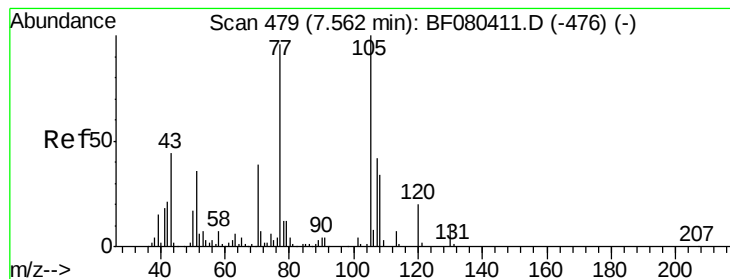
#18
Hexachloroethane
Concen: 39.11 ng
RT: 7.66 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion:117 Resp: 20988
Ion Ratio Lower Upper
117 100
119 96.2 78.1 117.1
201 124.3 86.5 129.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.48 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MS

Tgt Ion: 70 Resp: 44877

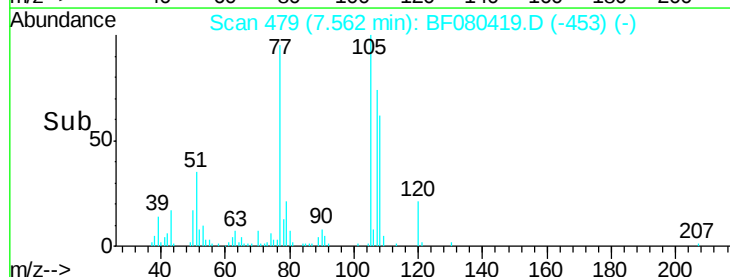
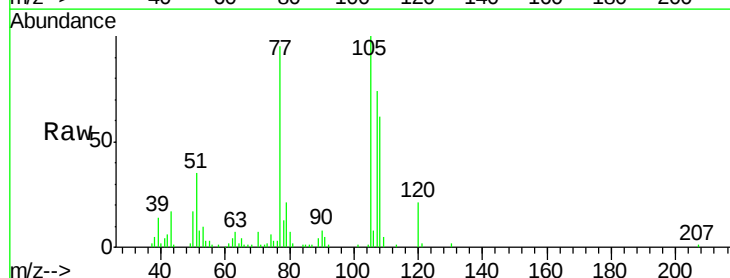
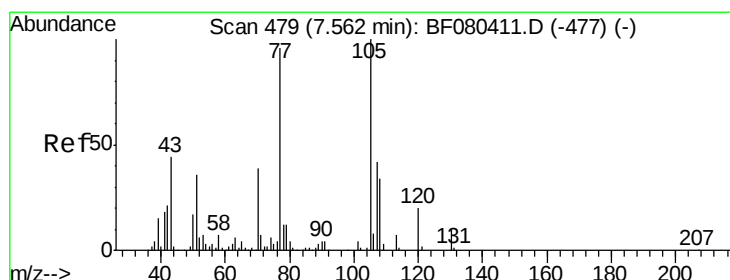
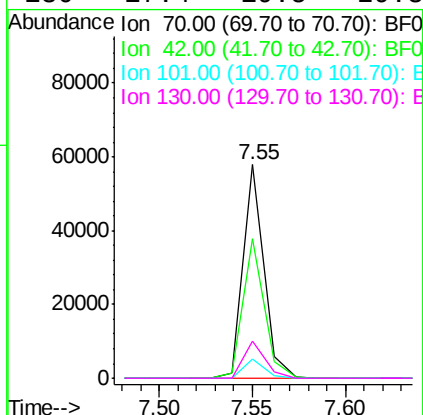
Ion Ratio Lower Upper

70 100

42 65.4 43.4 65.0#

101 9.0 9.0 13.6#

130 17.4 19.5 29.3#



#20

3+4-Methylphenols

Concen: 42.64 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Tgt Ion: 107 Resp: 63509

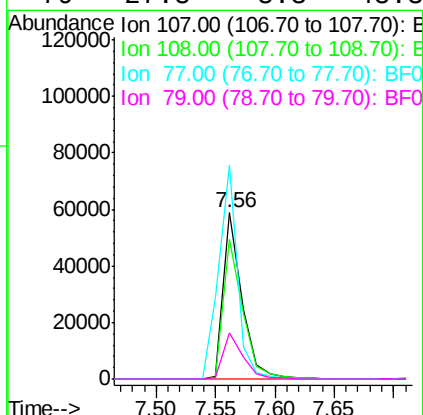
Ion Ratio Lower Upper

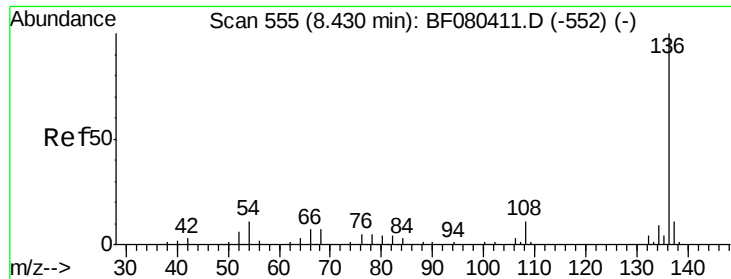
107 100

108 83.8 60.8 100.8

77 128.7 207.5 247.5#

79 27.8 8.3 48.3

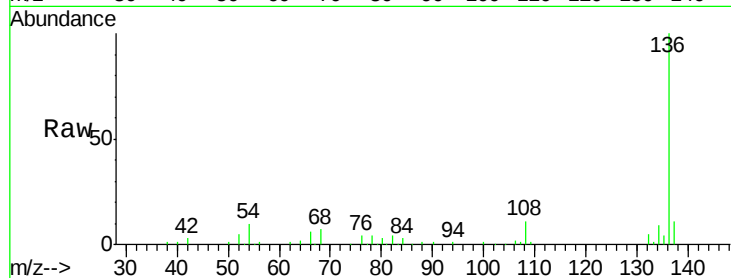




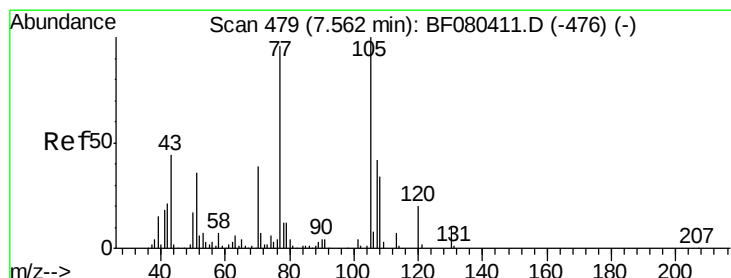
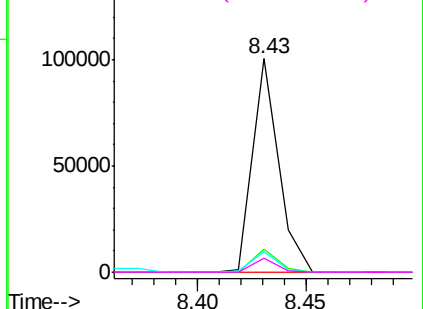
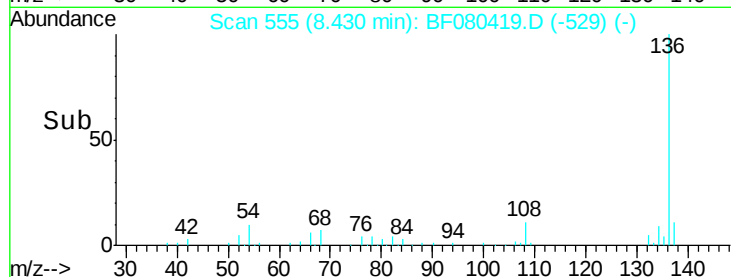
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MS

Tgt Ion:	136	Resp:	83563
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.8	9.1	13.7
68	6.9	5.9	8.9

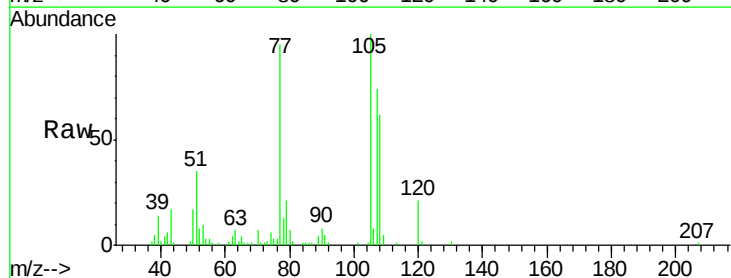


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

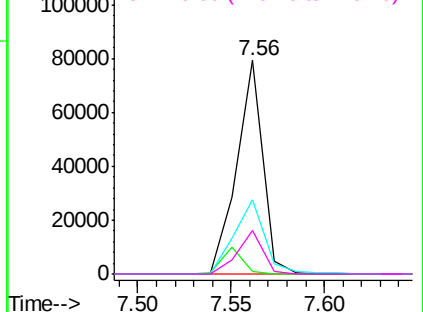
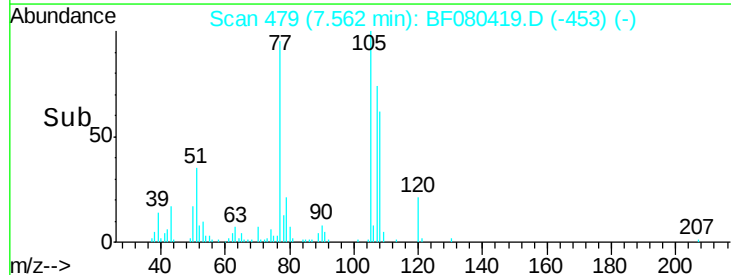


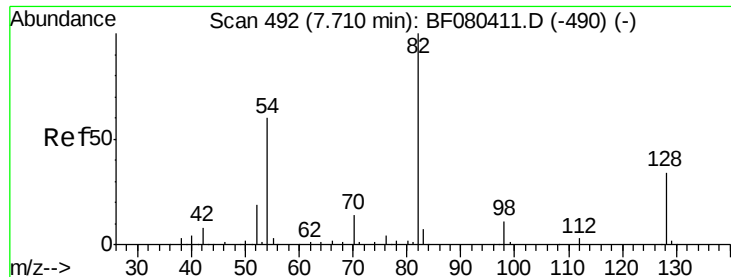
#22
Acetophenone
Concen: 38.89 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion:	105	Resp:	77878
Ion	Ratio	Lower	Upper
105	100		
71	1.4	5.2	7.8#
51	35.0	28.7	43.1
120	20.7	16.4	24.6



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

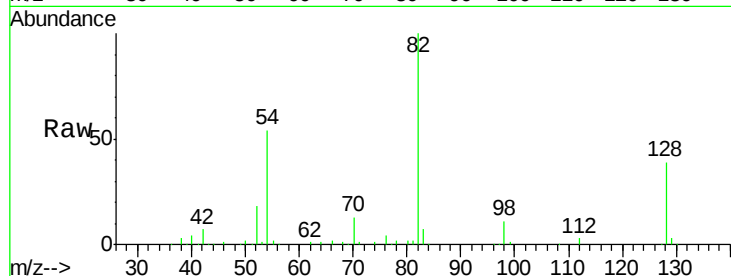




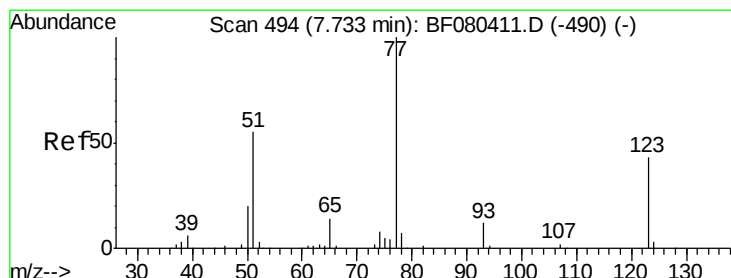
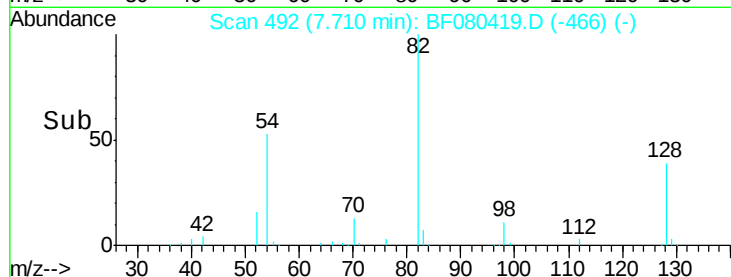
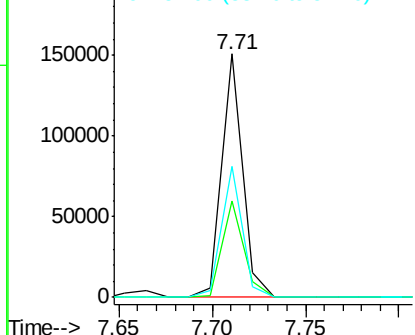
#23
 Nitrobenzene-d5
 Concen: 81.09 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.9	40.3
54	53.8	47.7	71.5

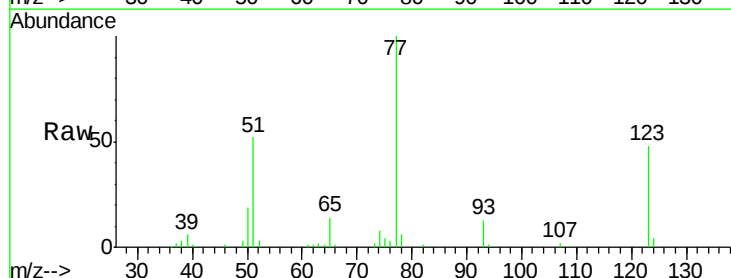


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

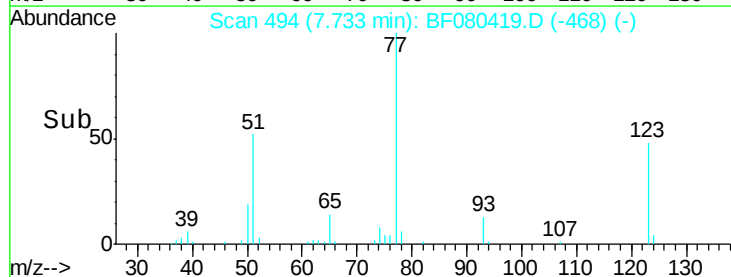
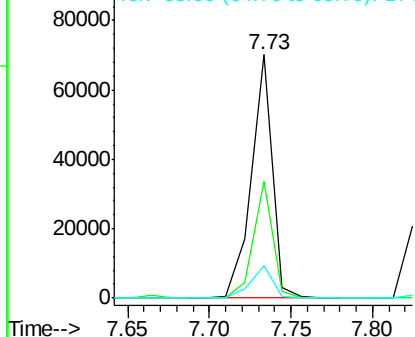


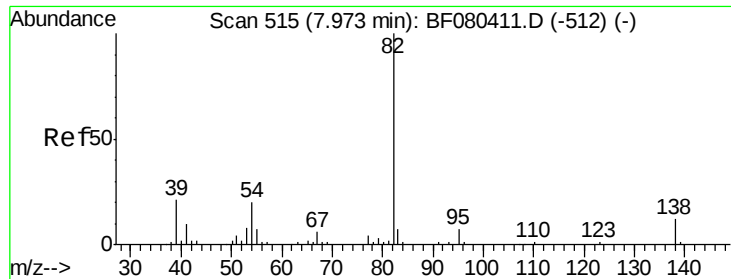
#24
 Nitrobenzene
 Concen: 38.68 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	34.0	51.0
65	13.6	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.06 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

Instrument :

BNA_F

ClientSampleId :

DR-MQRIP-070915MS

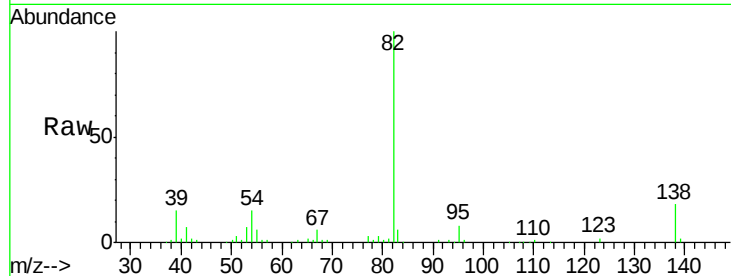
Tgt Ion: 82 Resp: 110447

Ion Ratio Lower Upper

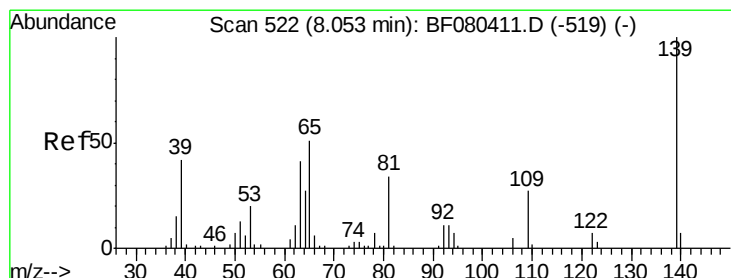
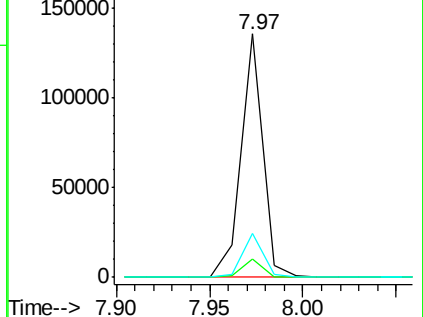
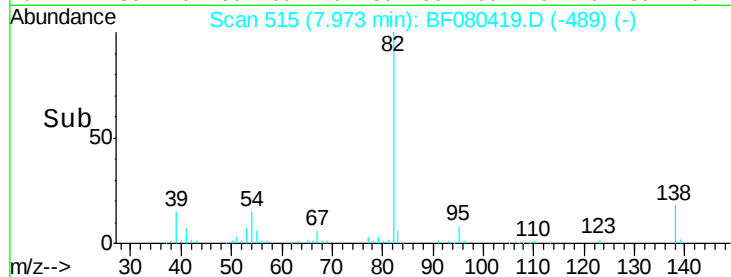
82 100

95 7.7 5.4 8.2

138 18.3 9.5 14.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 35.28 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080419.D

Acq: 11 Jul 2015 6:58

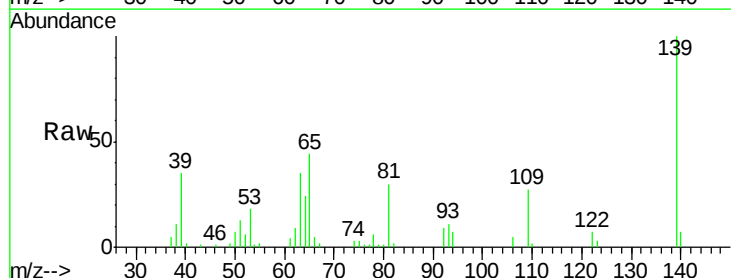
Tgt Ion: 139 Resp: 27451

Ion Ratio Lower Upper

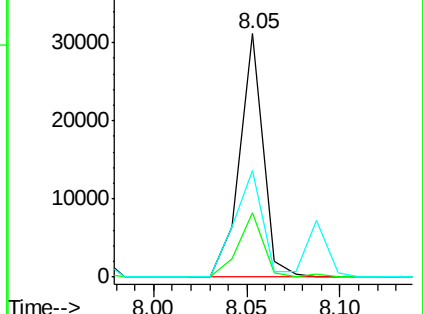
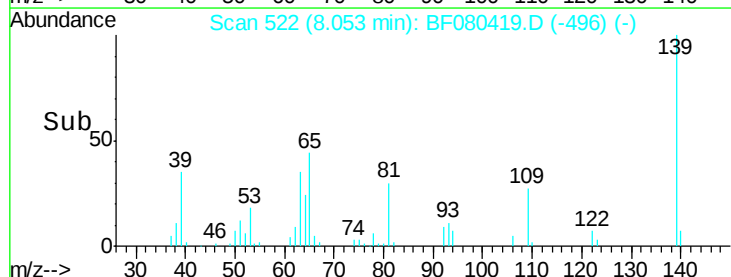
139 100

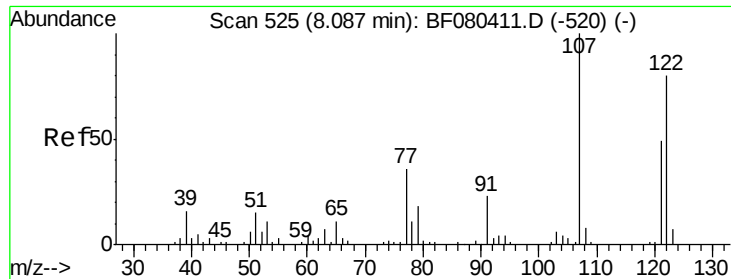
109 26.7 21.7 32.5

65 43.6 40.5 60.7



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

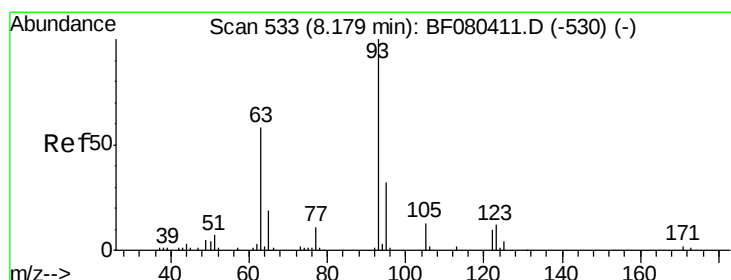
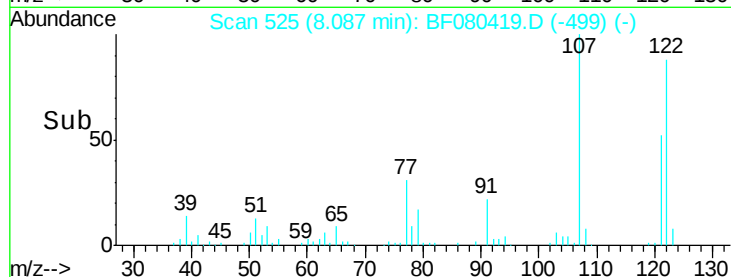
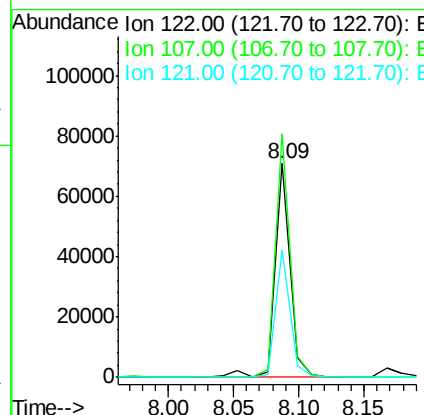
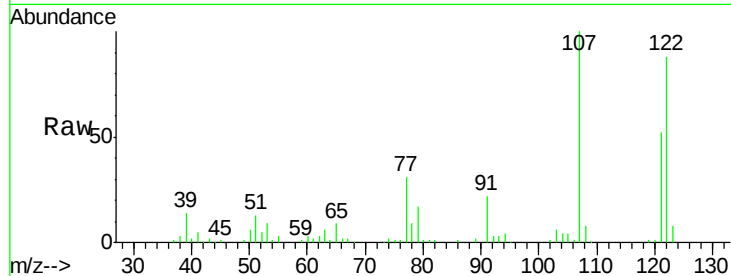




#27
 2,4-Dimethylphenol
 Concen: 46.59 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

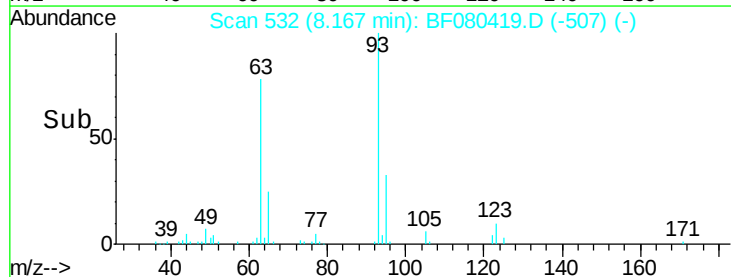
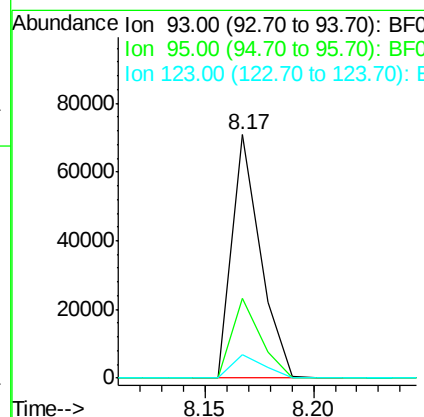
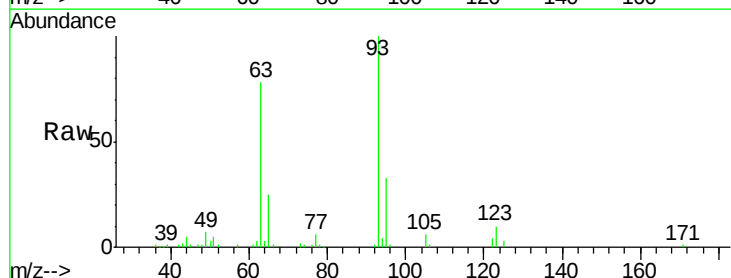
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

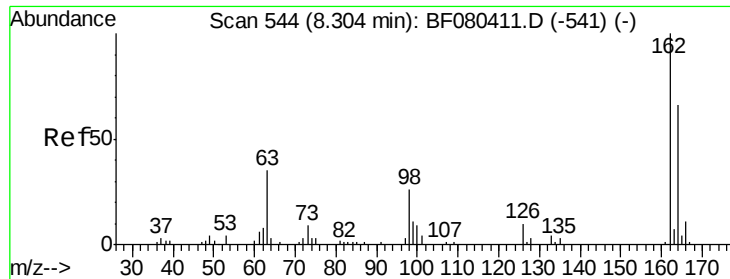
Tgt Ion:122 Resp: 57060
 Ion Ratio Lower Upper
 122 100
 107 114.0 99.5 149.3
 121 59.4 48.4 72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.38 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion: 93 Resp: 64167
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.8 38.8
 123 9.6 9.7 14.5#

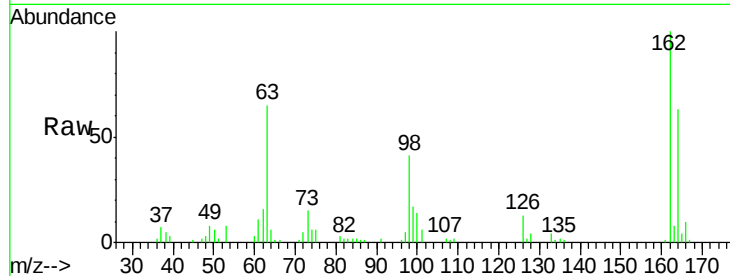




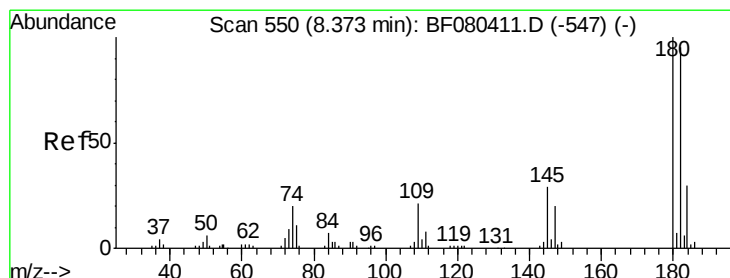
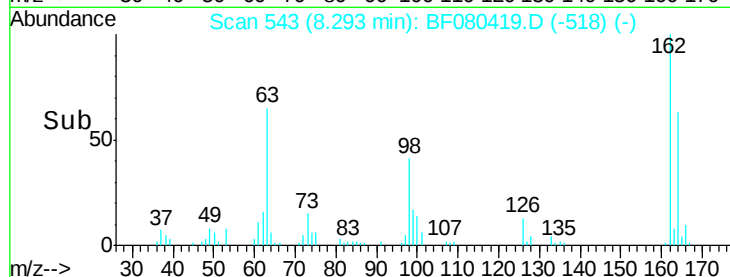
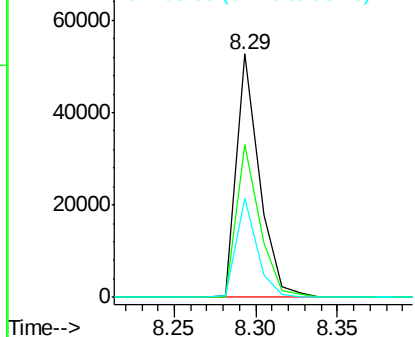
#29
 2,4-Dichlorophenol
 Concen: 45.06 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	45.5	85.5
98	40.9	6.3	46.3

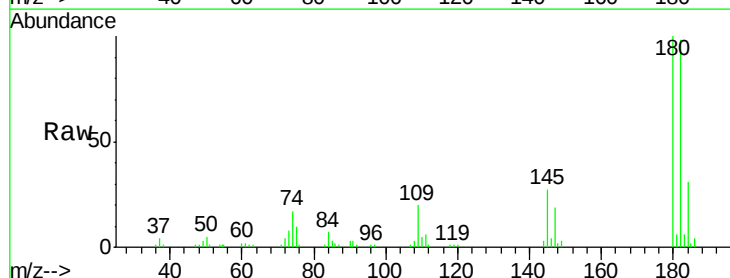


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

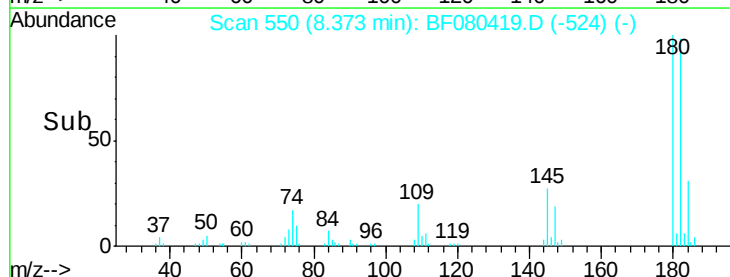
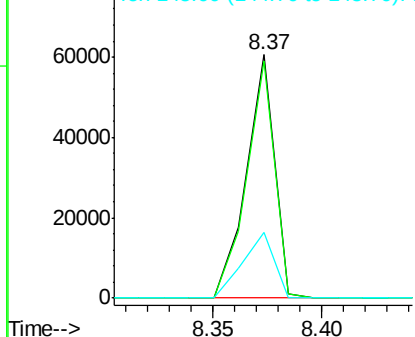


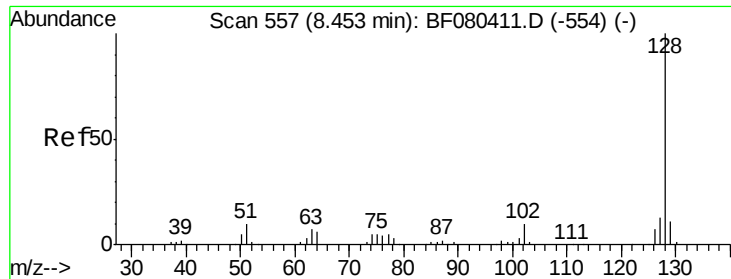
#30
 1,2,4-Trichlorobenzene
 Concen: 36.38 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.6	113.4
145	27.0	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

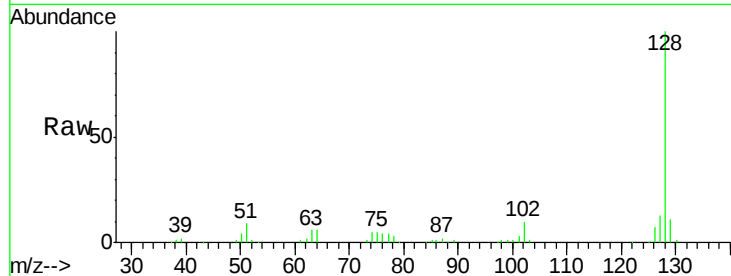




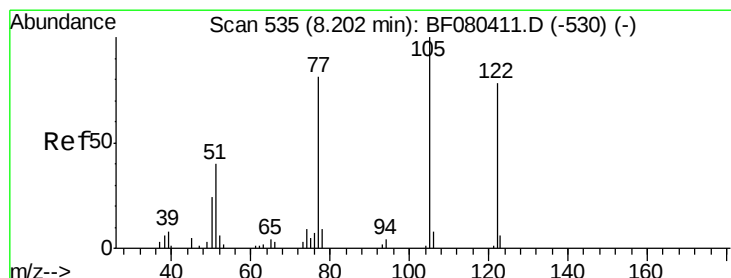
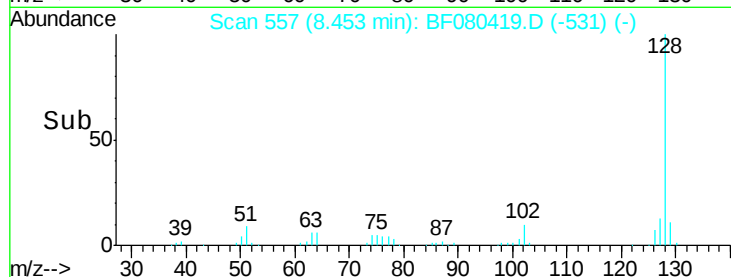
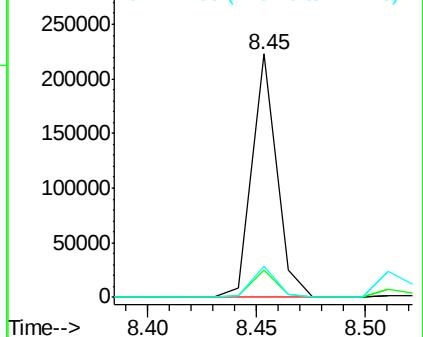
#31
Naphthalene
Concen: 38.65 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Instrument :
BNA_F
ClientSampleId :
DR-MQRIP-070915MS

Tgt Ion:128 Resp: 176641
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.7 16.1

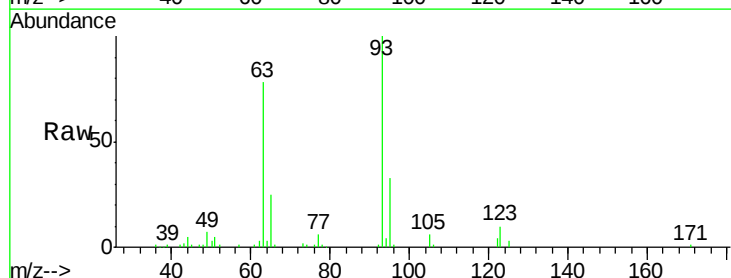


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

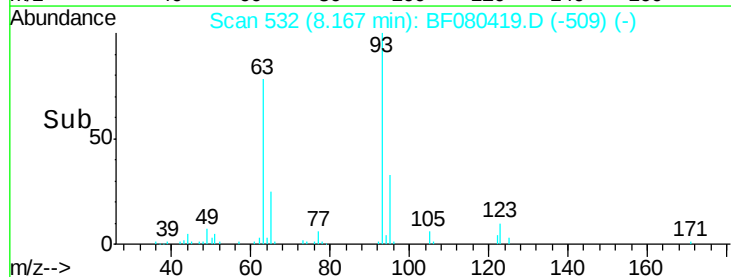
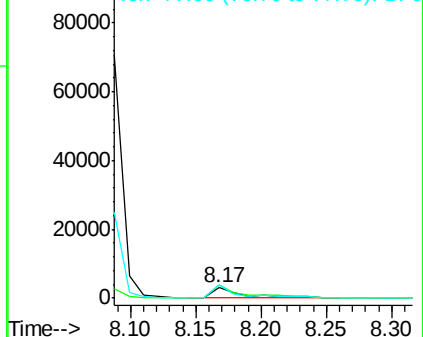


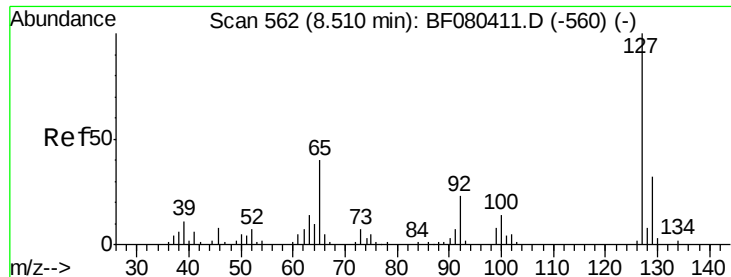
#32
Benzoic acid
Concen: 5.89 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF080419.D
Acq: 11 Jul 2015 6:58

Tgt Ion:122 Resp: 5074
Ion Ratio Lower Upper
122 100
105 130.9 108.8 148.8
77 129.1 84.2 124.2#



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

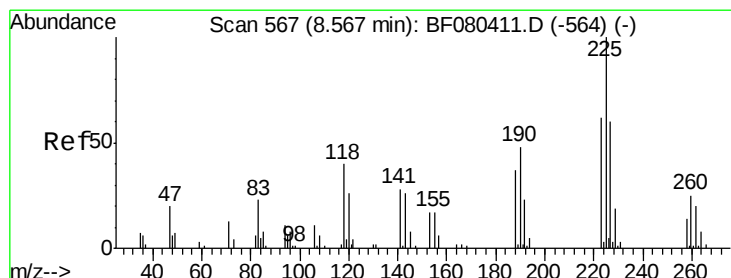
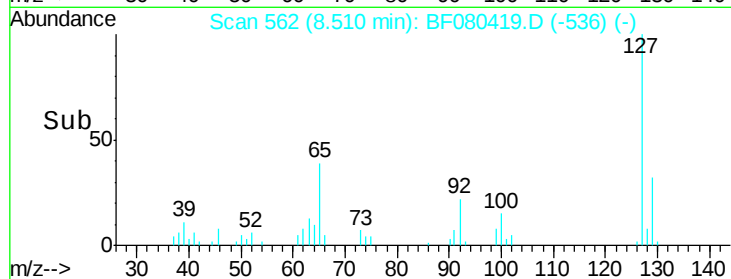
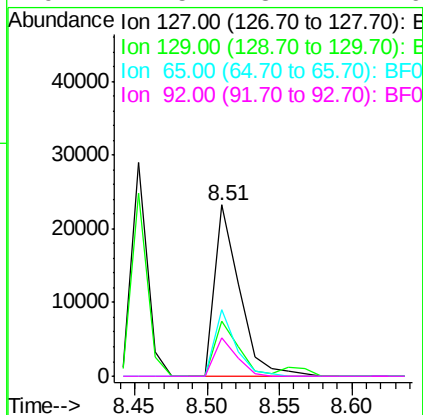
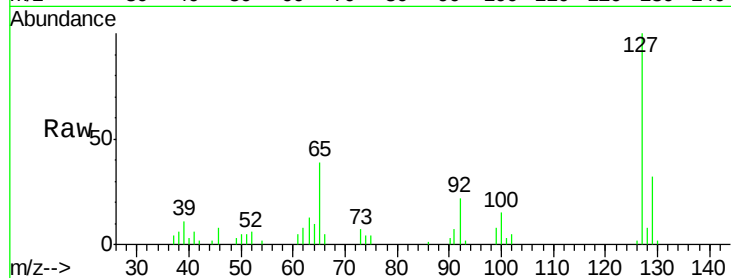




#33
 4-Chloroaniline
 Concen: 17.97 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

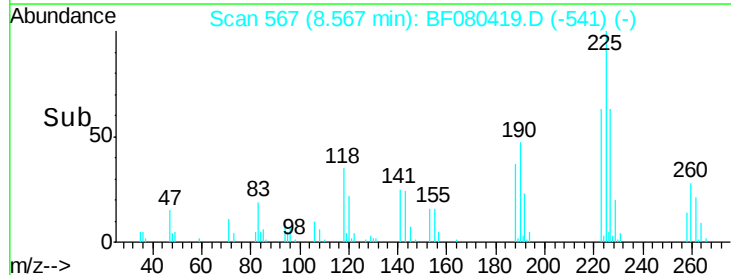
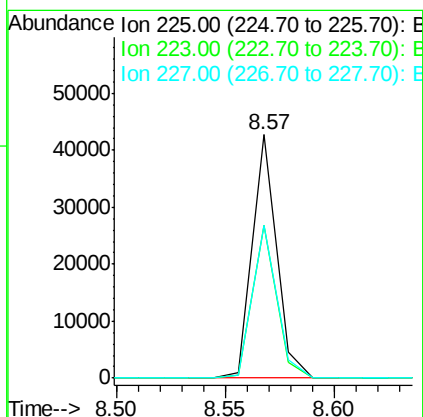
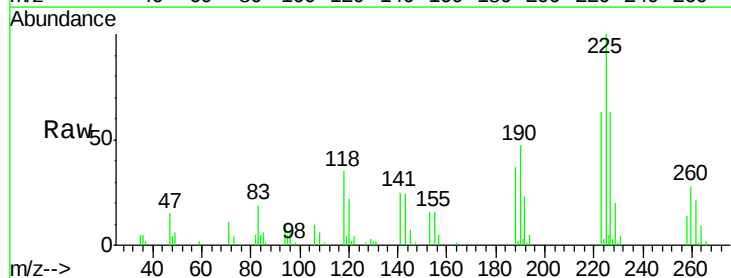
Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

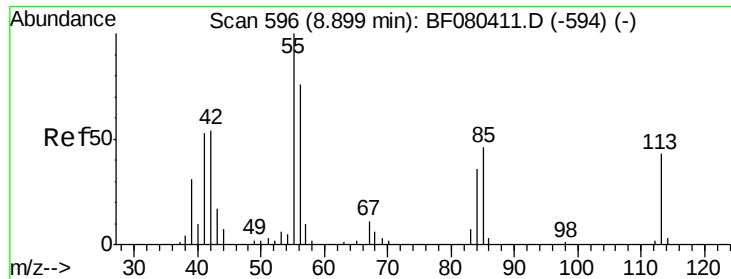
Tgt Ion:	127	Resp:	27845
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	38.9	31.8	47.8
92	22.5	18.4	27.6



#34
 Hexachlorobutadiene
 Concen: 38.13 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:	225	Resp:	33103
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.5	74.3
227	62.8	48.0	72.0

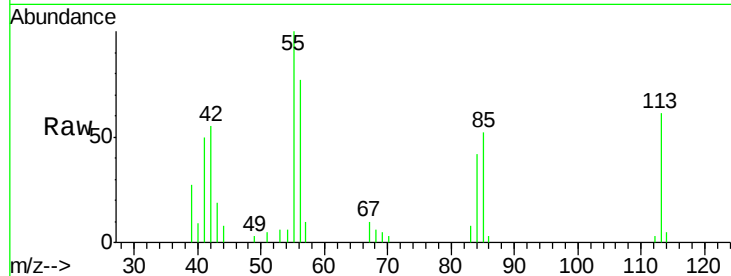




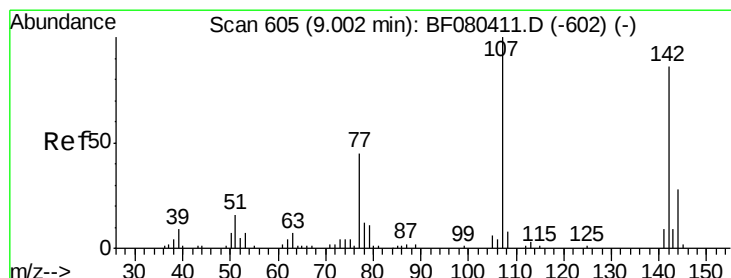
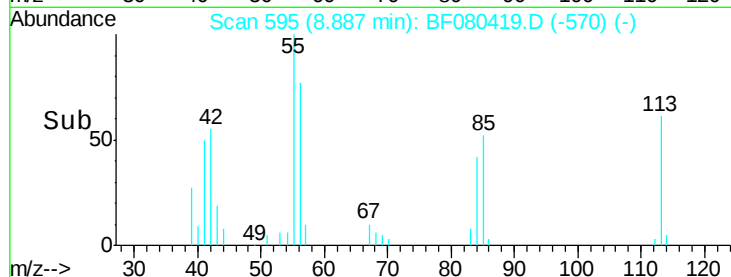
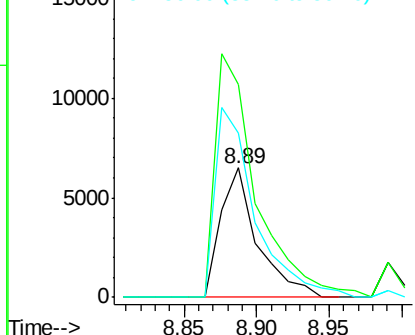
#35
 Caprolactam
 Concen: 35.31 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion:113 Resp: 11420
 Ion Ratio Lower Upper
 113 100
 55 164.4 214.2 254.2#
 56 127.2 156.9 196.9#

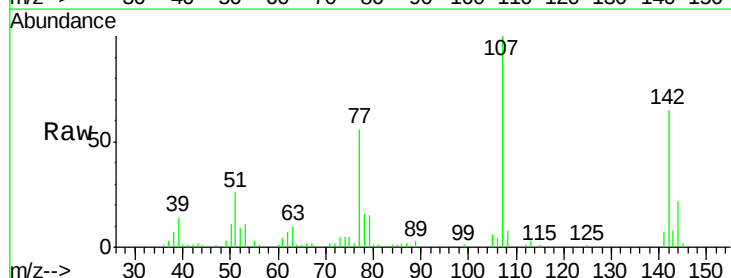


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

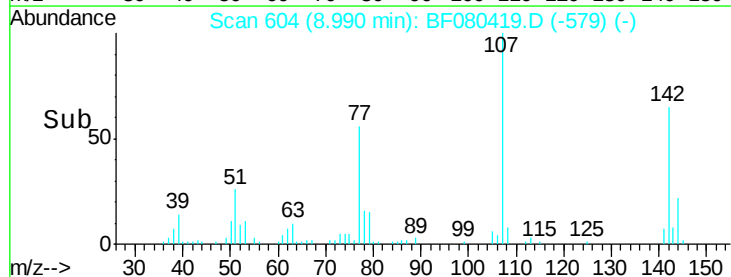
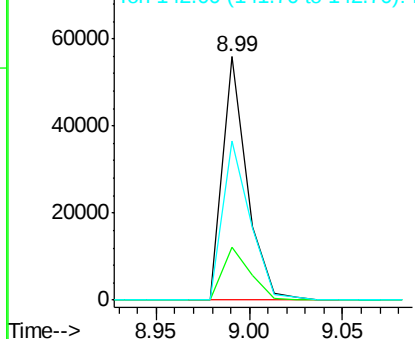


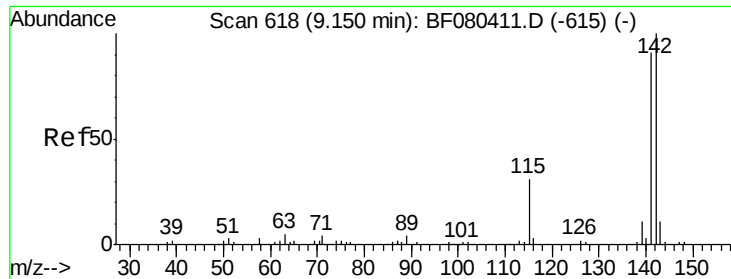
#36
 4-Chloro-3-methylphenol
 Concen: 43.06 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:107 Resp: 51558
 Ion Ratio Lower Upper
 107 100
 144 21.8 22.6 34.0#
 142 65.1 68.7 103.1#



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

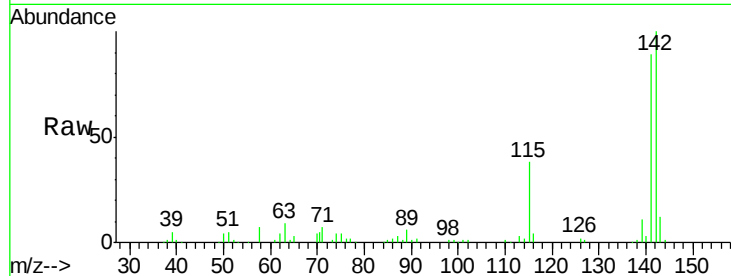




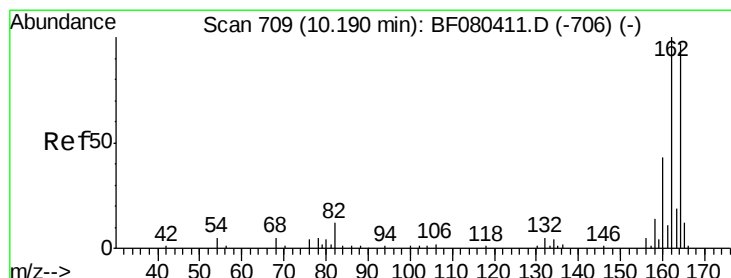
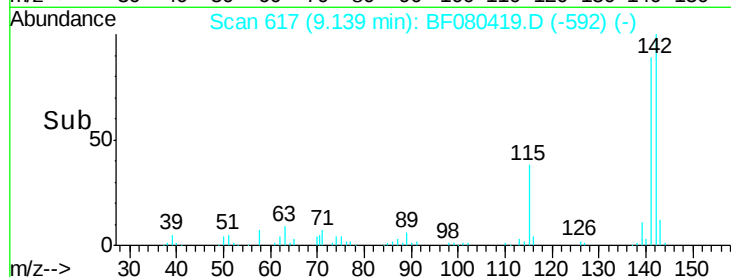
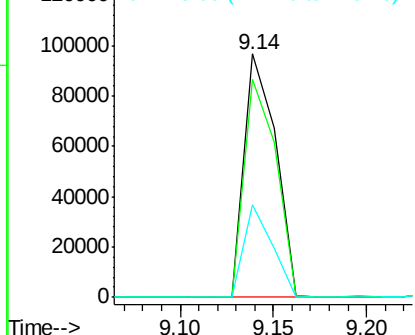
#37
 2-Methylnaphthalene
 Concen: 37.56 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion:142 Resp: 113282
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.0 109.4
 115 38.2 25.0 37.4#

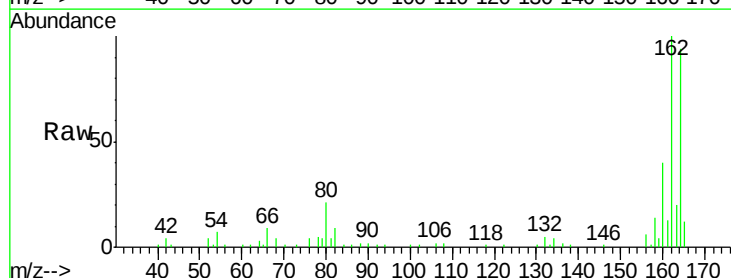


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

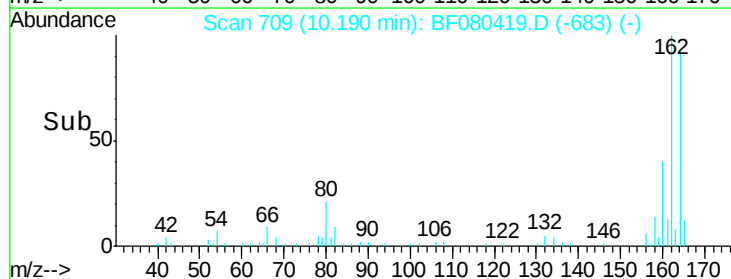
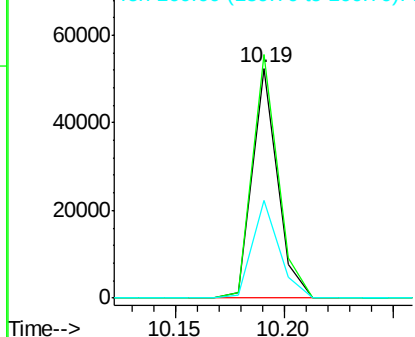


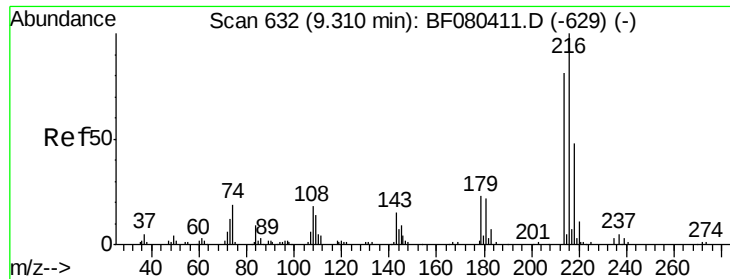
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:164 Resp: 42103
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.7 124.1
 160 42.5 35.5 53.3



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

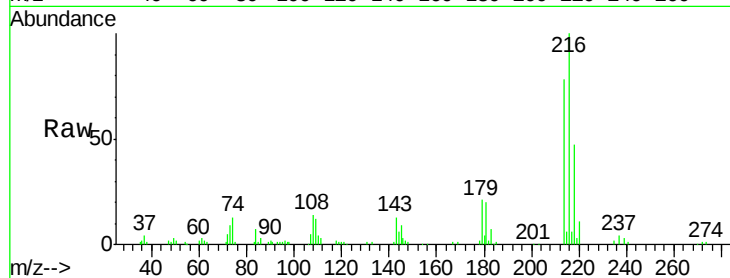




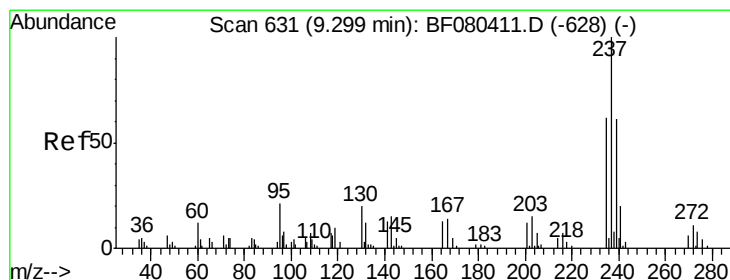
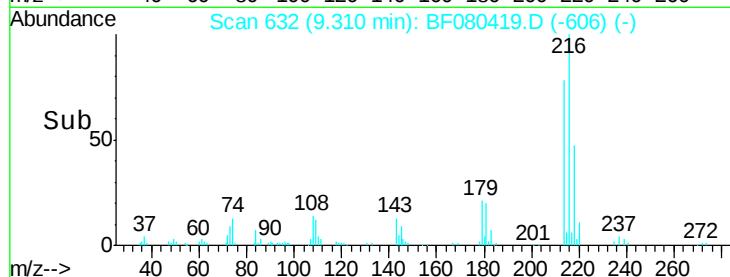
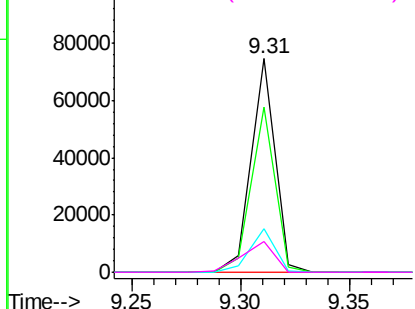
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.53 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion:	216	Resp:	57106
Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.6	97.0
179	21.4	17.9	26.9
108	19.8	15.8	23.6

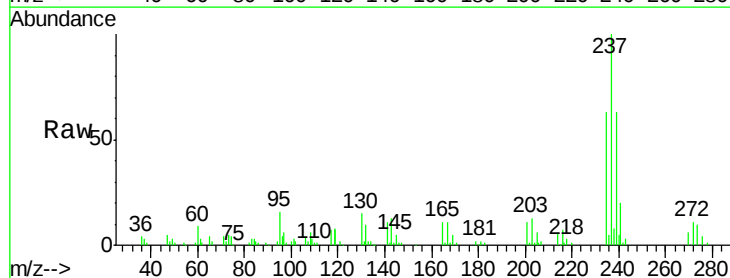


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

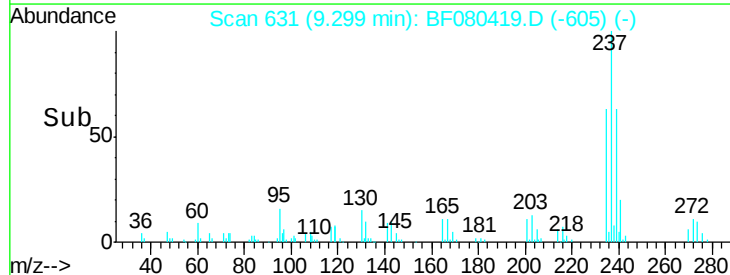
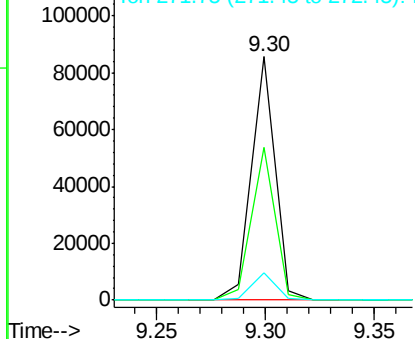


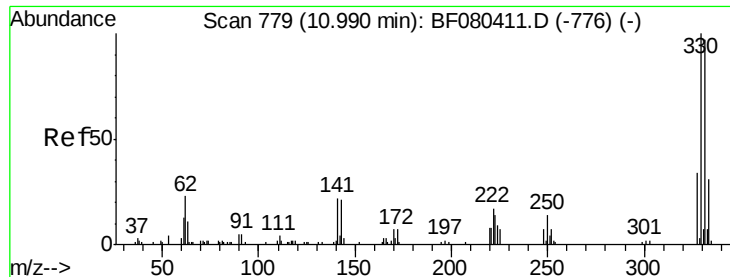
#40
 Hexachlorocyclopentadiene
 Concen: 88.20 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:	237	Resp:	64825
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.4	82.4
272	11.5	0.0	31.4



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

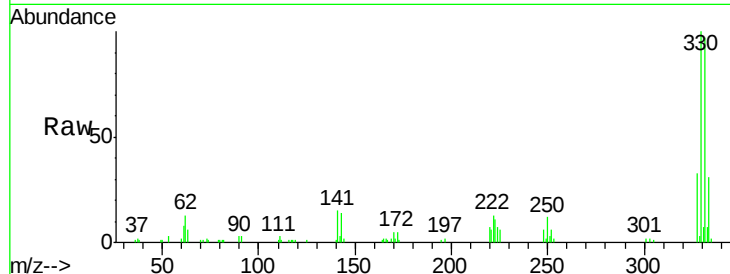




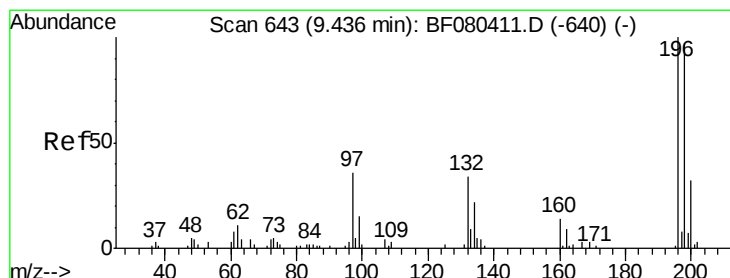
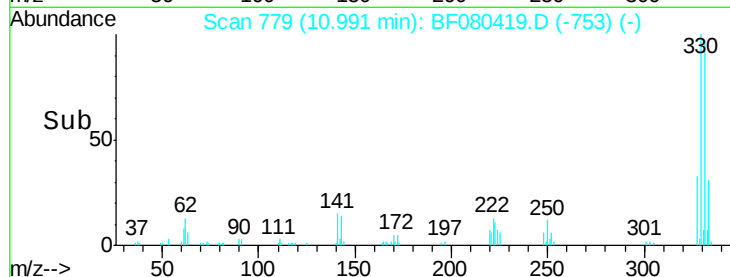
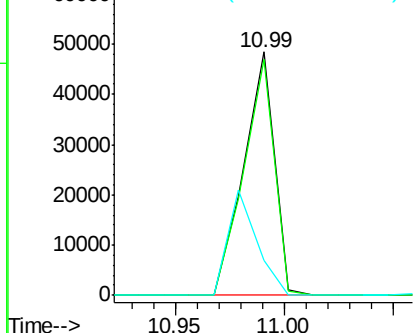
#41
 2,4,6-Tribromophenol
 Concen: 115.70 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion:330 Resp: 47542
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.0 117.0
 141 40.3 28.6 43.0

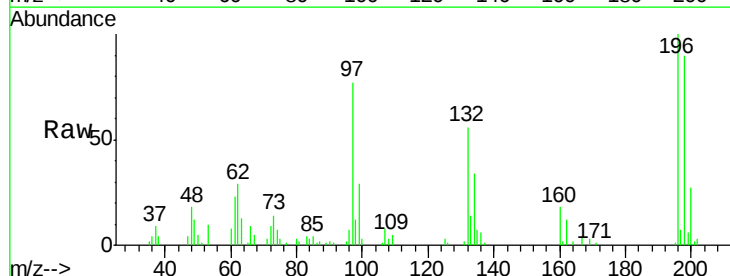


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

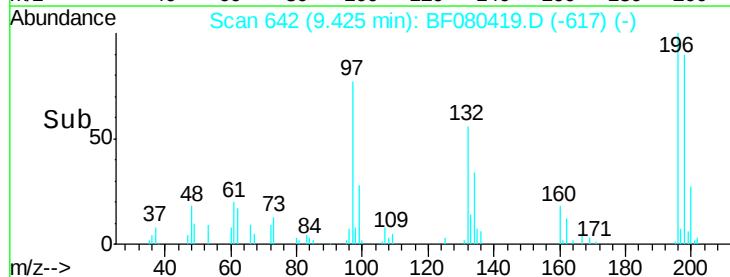
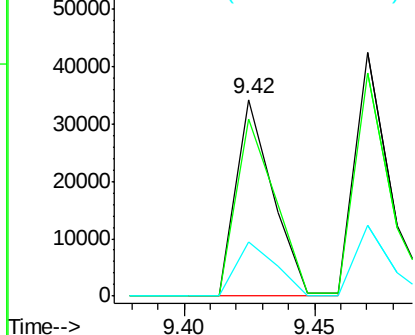


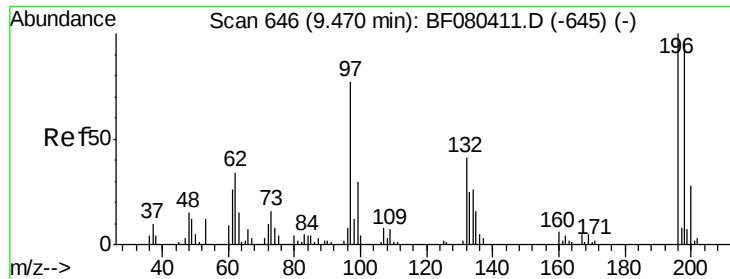
#42
 2,4,6-Trichlorophenol
 Concen: 41.98 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:196 Resp: 34061
 Ion Ratio Lower Upper
 196 100
 198 90.3 77.4 116.2
 200 27.3 25.8 38.6



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

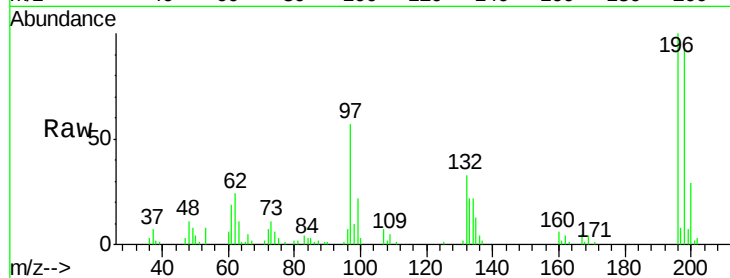




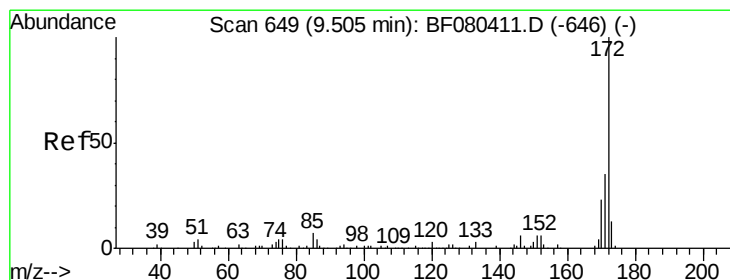
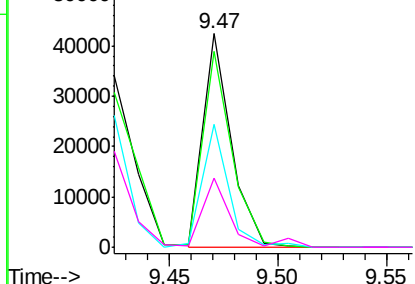
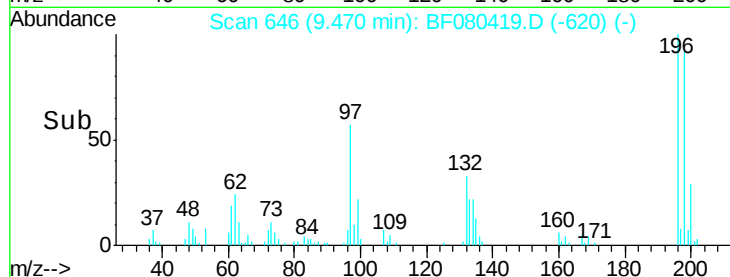
#43
 2,4,5-Trichlorophenol
 Concen: 44.06 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion:196 Resp: 38364
 Ion Ratio Lower Upper
 196 100
 198 91.6 76.1 114.1
 97 57.4 62.2 93.2#
 132 32.6 32.5 48.7

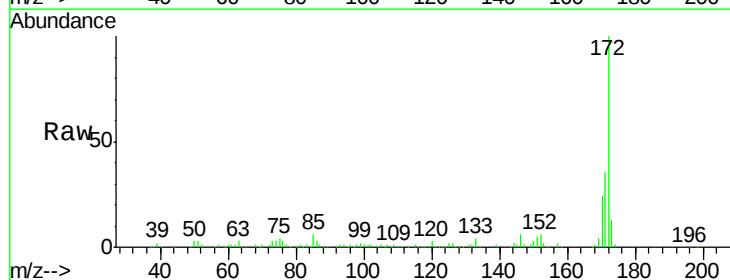


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

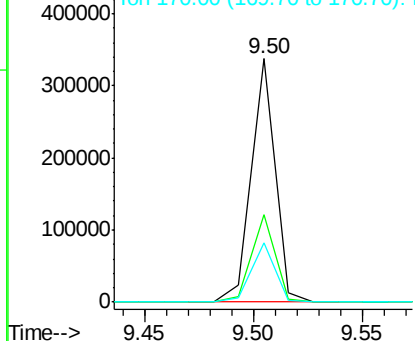
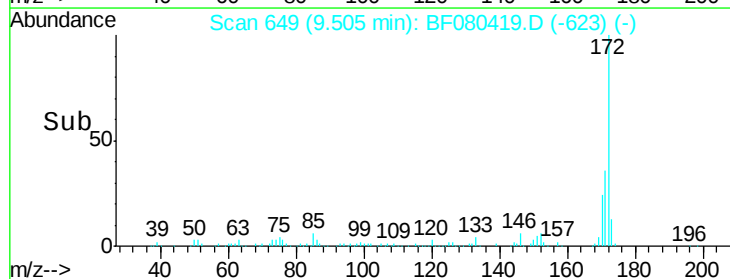


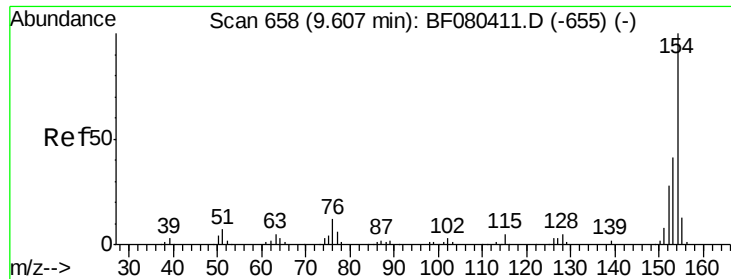
#44
 2-Fluorobiphenyl
 Concen: 82.09 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion:172 Resp: 256611
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.4 42.6
 170 24.2 18.6 28.0



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

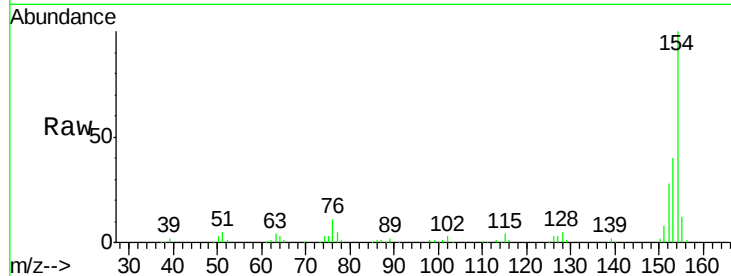




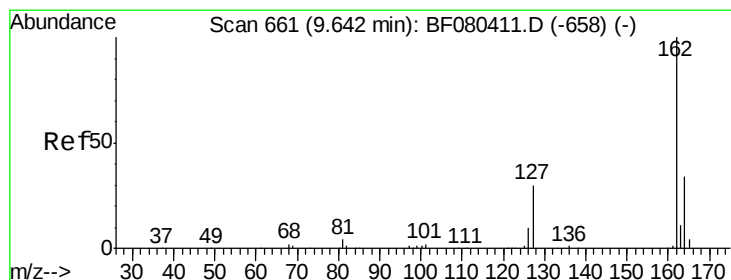
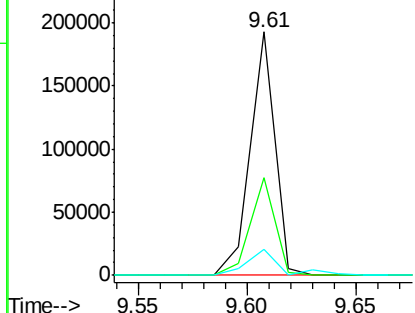
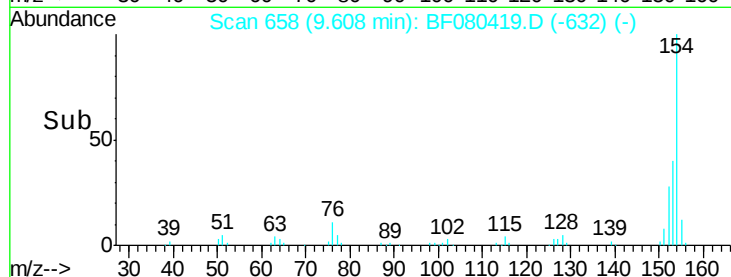
#45
 1,1'-Biphenyl
 Concen: 41.32 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Instrument :
 BNA_F
 ClientSampleId :
 DR-MQRIP-070915MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	10.6	0.0	32.4

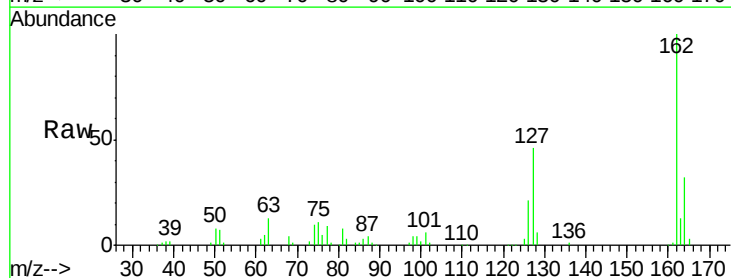


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.45 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF080419.D
 Acq: 11 Jul 2015 6:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.5	28.6	42.8#
164	31.9	27.2	40.8



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

