

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090975.D
 Acq On : 2 Nov 2016 13:14
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 02 23:06:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182973	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	796270	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	421810	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	654056	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	538527	20.00	ng	-0.02
86) Perylene-d12	15.28	264	446692	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	898439	85.85	ng	-0.02
7) Phenol-d6	6.37	99	1167607	82.70	ng	-0.02
23) Nitrobenzene-d5	7.30	82	1127447	92.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	268670	61.98	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1669760	69.51	ng	-0.02
78) Terphenyl-d14	12.83	244	1705732	79.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	273217	51.07	ng	85
3) Pyridine	2.91	79	536023	36.93	ng	# 77
4) n-Nitrosodimethylamine	2.86	42	220744	54.02	ng	82
6) Aniline	6.38	93	692165	42.92	ng	# 17
8) 2-Chlorophenol	6.51	128	519660	40.25	ng	94
9) Benzaldehyde	6.27	77	300760	41.24	ng	# 78
10) Phenol	6.38	94	668797	42.98	ng	# 24
11) bis(2-Chloroethyl)ether	6.46	93	544820	42.32	ng	97
12) 1,3-Dichlorobenzene	6.66	146	486533	36.84	ng	# 88
13) 1,4-Dichlorobenzene	6.74	146	523035	37.67	ng	# 89
14) 1,2-Dichlorobenzene	6.90	146	492591	37.00	ng	96
15) Benzyl Alcohol	6.88	79	434243	46.83	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	772130	60.28	ng	76
17) 2-Methylphenol	6.99	107	390397	39.75	ng	# 81
18) Hexachloroethane	7.23	117	201044	39.78	ng	88
19) n-Nitroso-di-n-propylamine	7.15	70	388524	47.60	ng	# 70
20) 3+4-Methylphenols	7.15	107	486692	42.81	ng	# 75
22) Acetophenone	7.14	105	657891	40.16	ng	# 81
24) Nitrobenzene	7.31	77	561773	43.66	ng	# 63
25) Isophorone	7.56	82	1031517	41.79	ng	# 90
26) 2-Nitrophenol	7.63	139	261909	38.00	ng	# 51
27) 2,4-Dimethylphenol	7.68	122	388541	34.82	ng	# 78
28) bis(2-Chloroethoxy)methane	7.77	93	562690	40.08	ng	# 92
29) 2,4-Dichlorophenol	7.88	162	365959	35.42	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	410828	34.41	ng	99
31) Naphthalene	8.03	128	1361827	36.59	ng	97
32) Benzoic acid	7.82	122	265516	32.77	ng	# 59
33) 4-Chloroaniline	8.09	127	577495	38.40	ng	# 84
34) Hexachlorobutadiene	8.16	225	241366	34.38	ng	98
35) Caprolactam	8.46	113	118736	37.02	ng	# 71
36) 4-Chloro-3-methylphenol	8.58	107	424163	37.75	ng	# 76
37) 2-Methylnaphthalene	8.73	142	918420	38.20	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	434498	37.55	ng	99
40) Hexachlorocyclopentadiene	8.89	237	177413	33.33	ng	97

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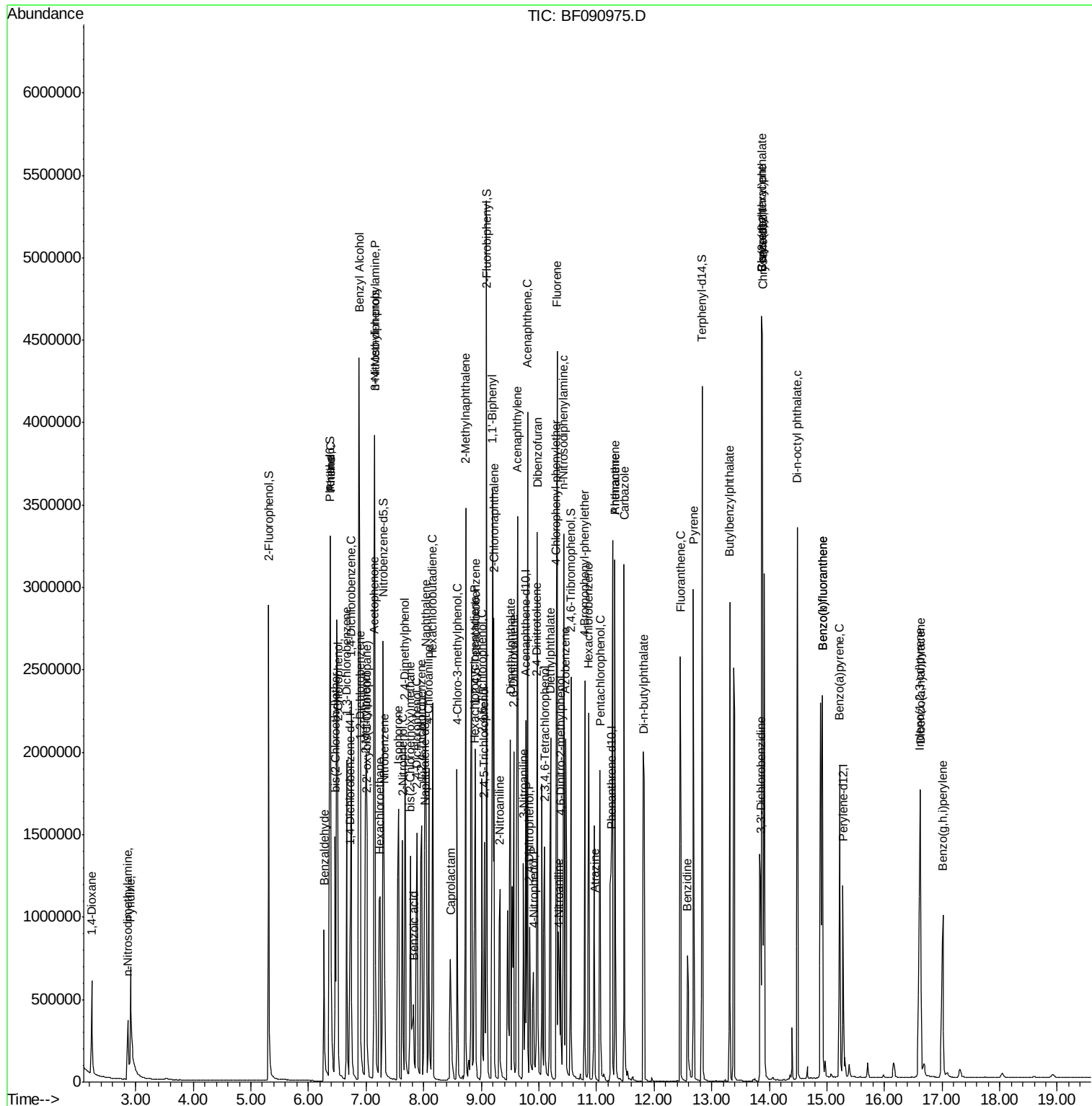
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	273012	36.55	ng	98
43) 2,4,5-Trichlorophenol	9.05	196	251609	32.70	ng #	78
45) 1,1'-Biphenyl	9.20	154	1196603	39.38	ng	94
46) 2-Chloronaphthalene	9.22	162	905281	39.17	ng	92
47) 2-Nitroaniline	9.32	65	327642	50.24	ng	88
48) Acenaphthylene	9.63	152	1388279	39.67	ng	95
49) Dimethylphthalate	9.50	163	1040562	36.92	ng #	98
50) 2,6-Dinitrotoluene	9.56	165	223199	35.86	ng #	58
51) Acenaphthene	9.80	154	818467	33.96	ng	88
52) 3-Nitroaniline	9.73	138	268527	40.53	ng #	72
53) 2,4-Dinitrophenol	9.84	184	120042	36.64	ng #	22
54) Dibenzofuran	9.97	168	1141610	36.70	ng #	84
55) 4-Nitrophenol	9.90	139	139416	34.50	ng #	62
56) 2,4-Dinitrotoluene	9.96	165	263109	34.03	ng #	49
57) Fluorene	10.32	166	978730	38.42	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.10	232	217583	31.67	ng	94
59) Diethylphthalate	10.20	149	1060995	37.91	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	407176	32.74	ng #	69
61) 4-Nitroaniline	10.35	138	257985	39.31	ng #	59
62) Azobenzene	10.46	77	1183963	43.01	ng #	82
64) 4,6-Dinitro-2-methylphenol	10.37	198	138768	32.00	ng	78
65) n-Nitrosodiphenylamine	10.43	169	773230	38.59	ng	90
66) 4-Bromophenyl-phenylether	10.80	248	251076	35.05	ng #	90
67) Hexachlorobenzene	10.86	284	299209	35.30	ng #	88
68) Atrazine	10.97	200	220900	35.64	ng	83
69) Pentachlorophenol	11.06	266	193932	42.65	ng	98
70) Phenanthrene	11.32	178	1240883	37.26	ng	95
71) Anthracene	11.32	178	1243561	35.46	ng	96
72) Carbazole	11.48	167	1182500	38.18	ng #	92
73) Di-n-butylphthalate	11.82	149	1551047	38.85	ng #	99
74) Fluoranthene	12.45	202	1241143	34.03	ng	98
76) Benzidine	12.58	184	436417	37.11	ng	96
77) Pyrene	12.68	202	1256088	36.86	ng	95
79) Butylbenzylphthalate	13.31	149	627978	40.61	ng #	75
80) Benzo(a)anthracene	13.87	228	1177119	41.19	ng	95
81) 3,3'-Dichlorobenzidine	13.85	252	421428	37.98	ng #	92
82) Chrysene	13.87	228	1177119	40.72	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	907019	45.04	ng #	91
84) Di-n-octyl phthalate	14.49	149	1505833	44.53	ng	95
85) Indeno(1,2,3-cd)pyrene	16.61	276	916627	35.78	ng #	94
87) Benzo(b)fluoranthene	14.92	252	2147537	71.50	ng #	85
88) Benzo(k)fluoranthene	14.92	252	2147537	90.47	ng #	86
89) Benzo(a)pyrene	15.22	252	947157	36.70	ng #	93
90) Dibenzo(a,h)anthracene	16.63	278	810663	37.10	ng #	85
91) Benzo(g,h,i)perylene	17.01	276	708766	34.44	ng #	81

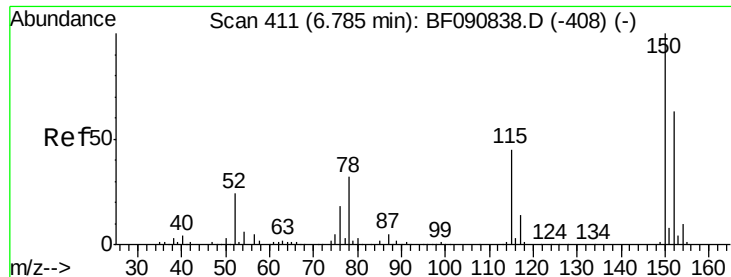
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

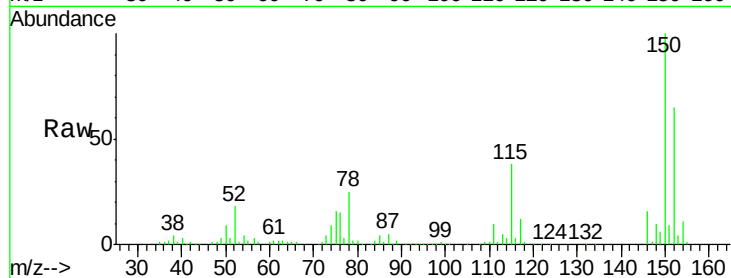
Tgt Ion: 152 Resp: 182973

Ion Ratio Lower Upper

152 100

150 154.8 124.7 187.1

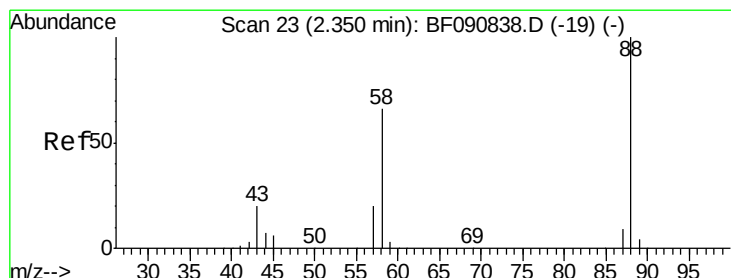
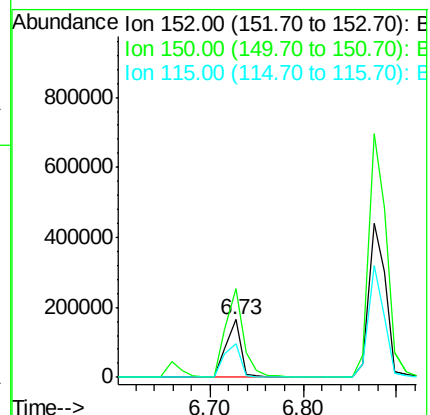
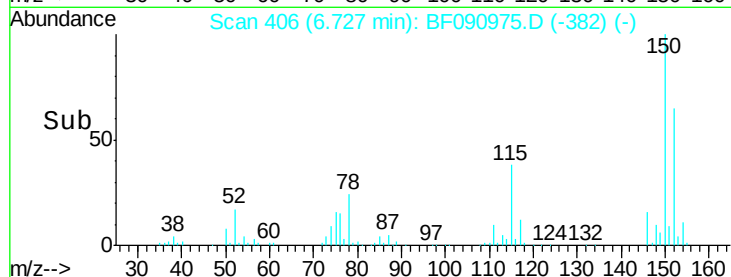
115 58.4 39.0 58.4



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: 51.07 ng

RT: 2.24 min Scan# 13

Delta R.T. -0.01 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

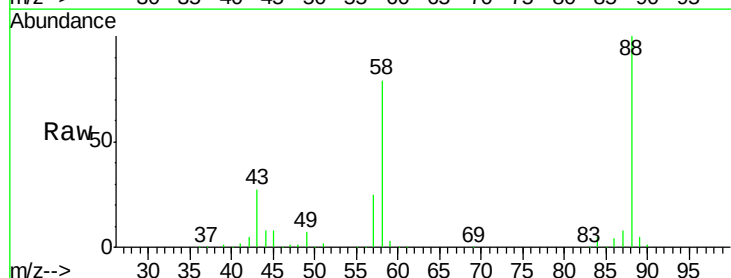
Tgt Ion: 88 Resp: 273217

Ion Ratio Lower Upper

88 100

58 80.4 77.7 116.5

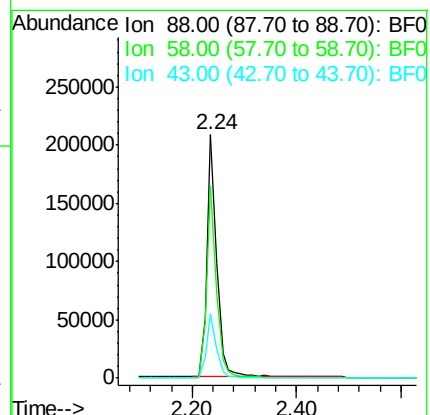
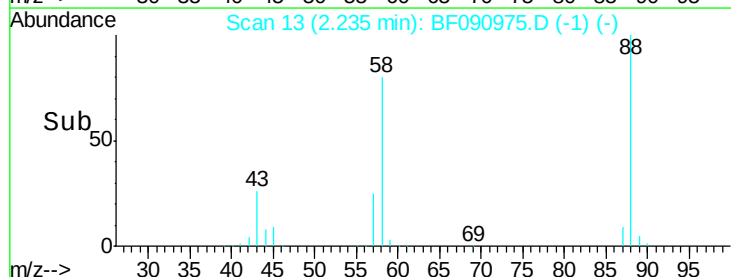
43 28.2 26.6 40.0

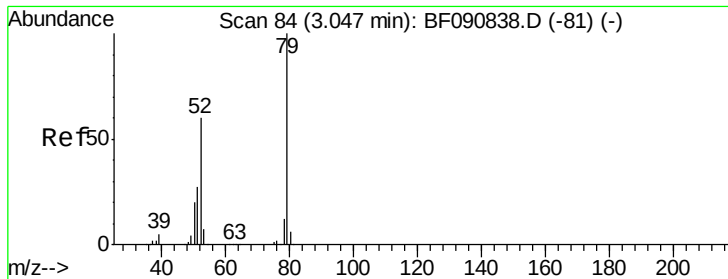


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.93 ng

RT: 2.91 min Scan# 72

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

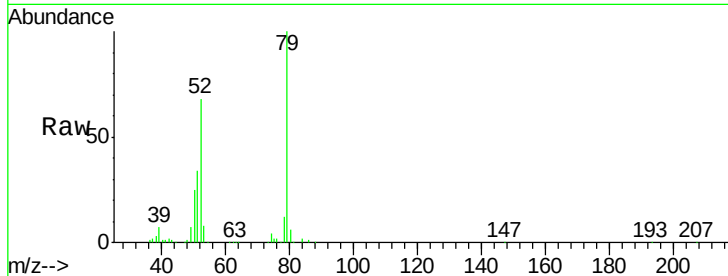
Tgt Ion: 79 Resp: 536023

Ion Ratio Lower Upper

79 100

52 68.4 76.8 115.2#

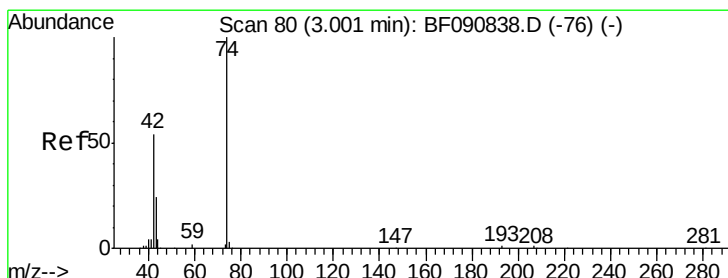
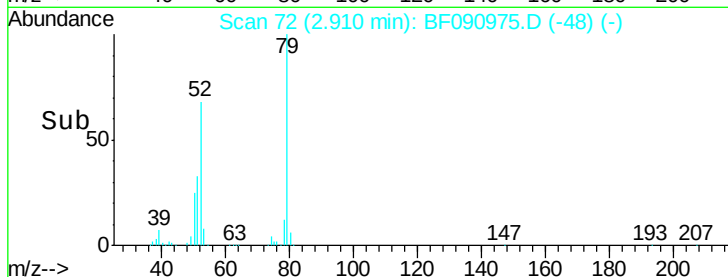
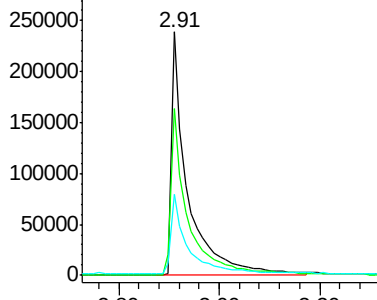
51 33.5 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 54.02 ng

RT: 2.86 min Scan# 68

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

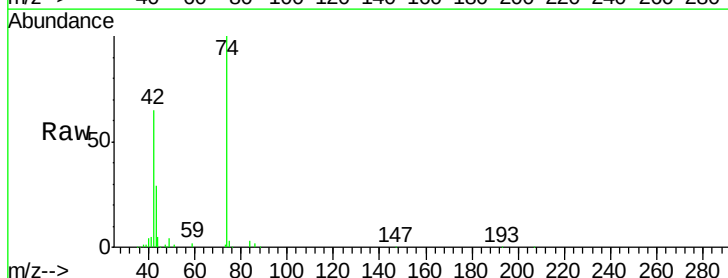
Tgt Ion: 42 Resp: 220744

Ion Ratio Lower Upper

42 100

74 153.1 105.0 157.6

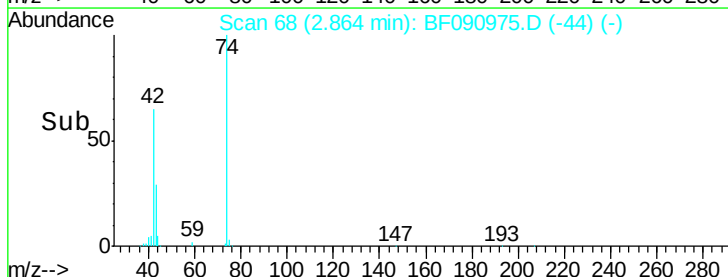
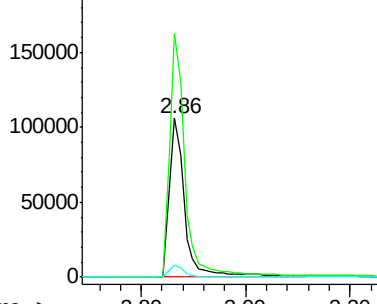
44 7.3 6.6 10.0

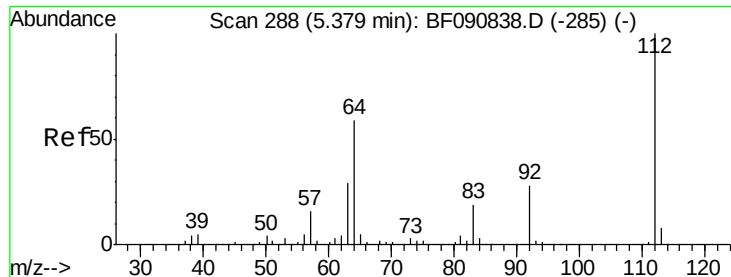


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 85.85 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.02 min

Lab File: BF090975.D

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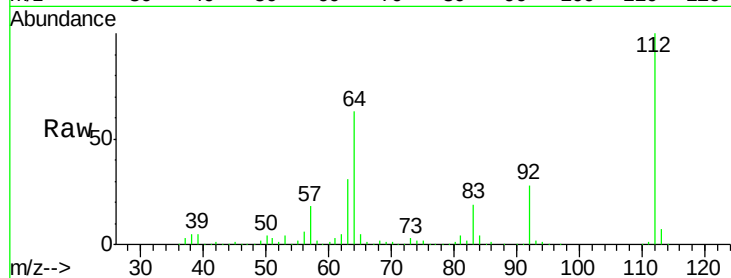
Tgt Ion: 112 Resp: 898439

Ion Ratio Lower Upper

112 100

64 62.7 39.7 59.5#

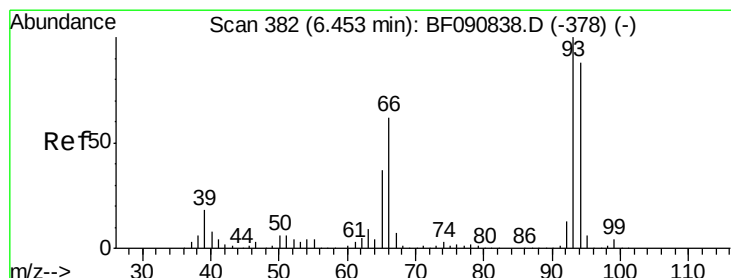
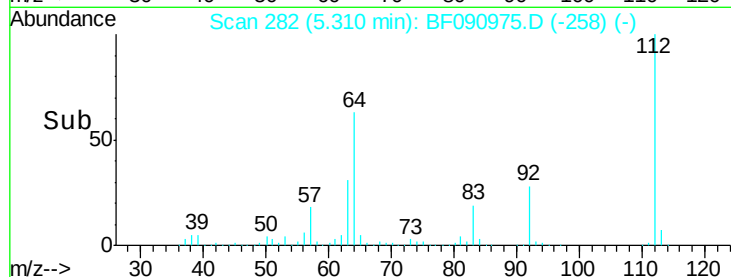
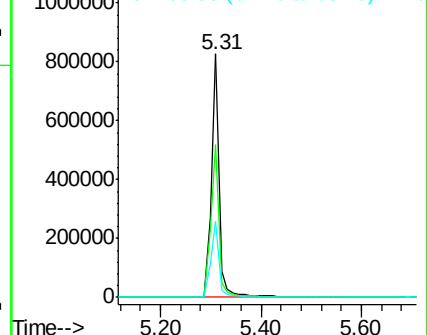
63 31.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.92 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

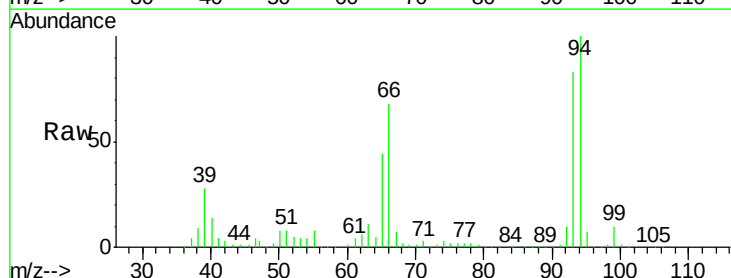
Tgt Ion: 93 Resp: 692165

Ion Ratio Lower Upper

93 100

66 82.6 27.2 40.8#

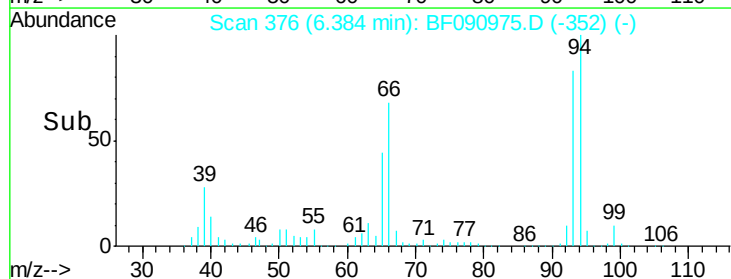
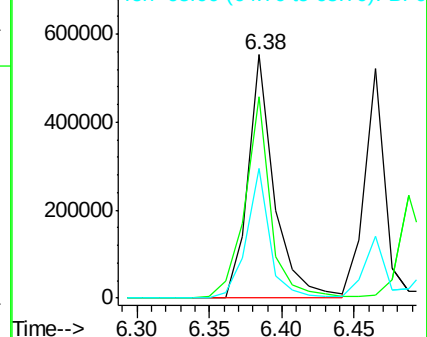
65 53.3 14.7 22.1#

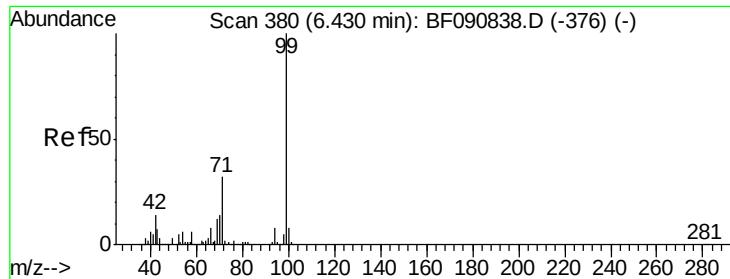


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.70 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

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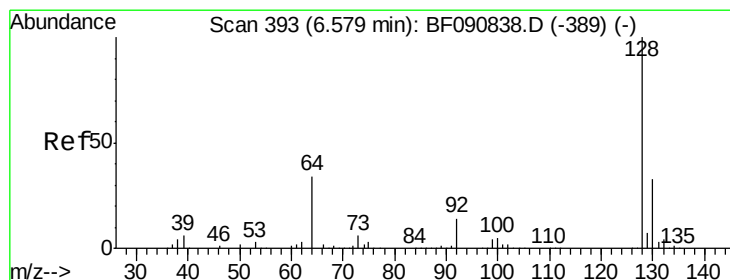
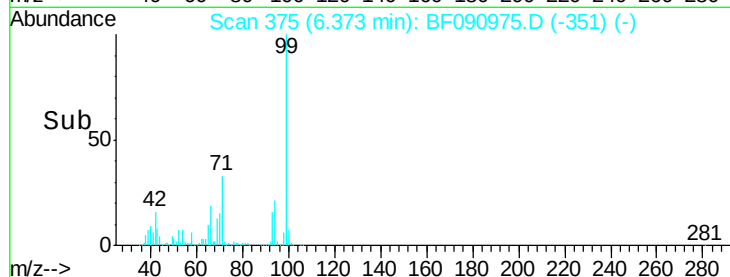
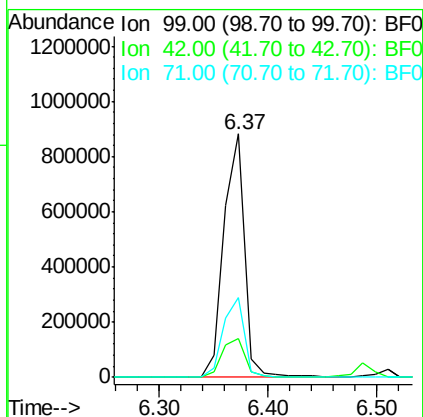
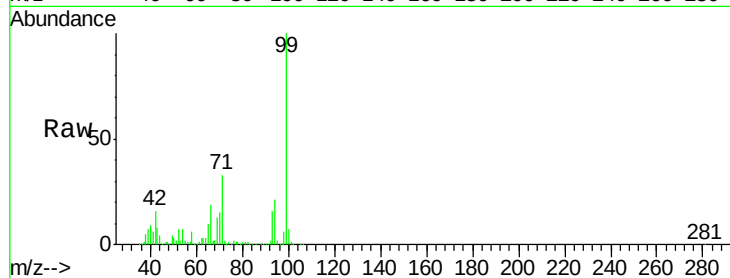
Tgt Ion: 99 Resp: 1167607

Ion Ratio Lower Upper

99 100

42 15.9 13.7 20.5

71 32.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 40.25 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

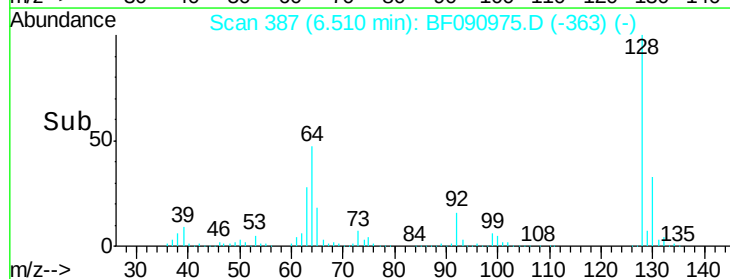
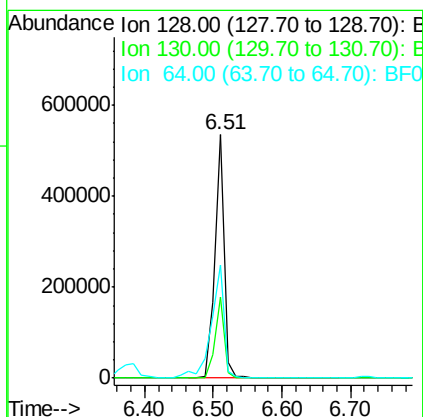
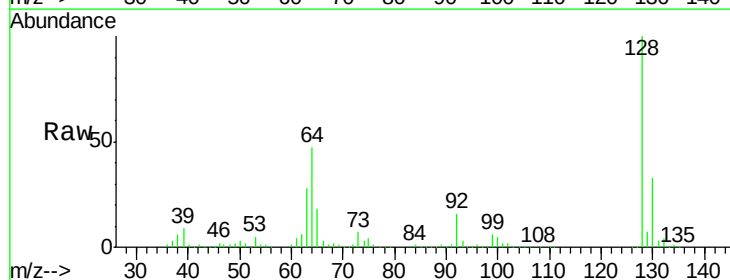
Tgt Ion: 128 Resp: 519660

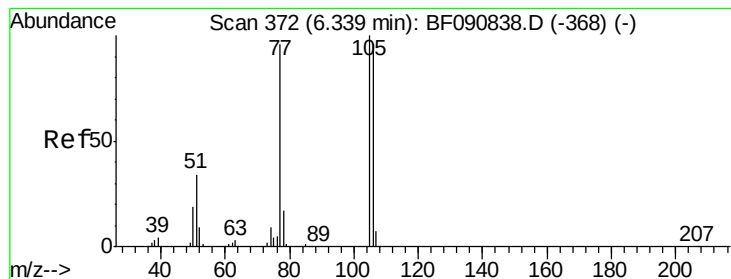
Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

64 46.5 20.5 60.5





#9

Benzaldehyde

Concen: 41.24 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

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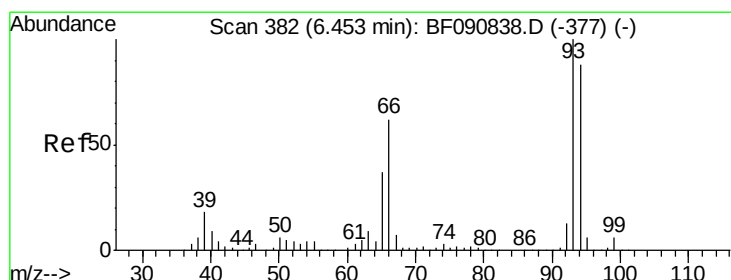
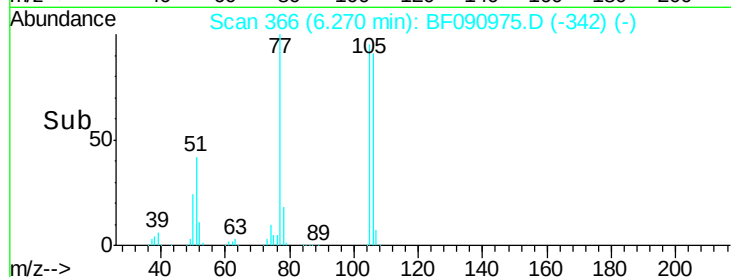
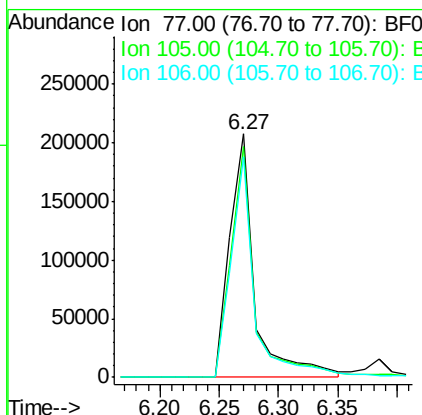
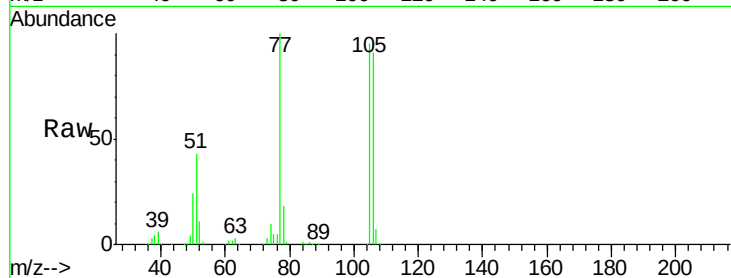
Tgt Ion: 77 Resp: 300760

Ion Ratio Lower Upper

77 100

105 94.7 91.6 131.6

106 90.8 102.6 142.6#



#10

Phenol

Concen: 42.98 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

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Acq: 2 Nov 2016 13:14

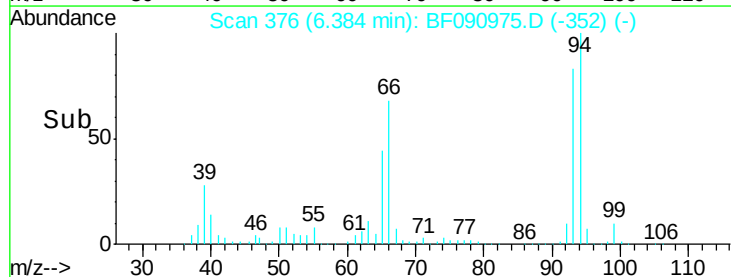
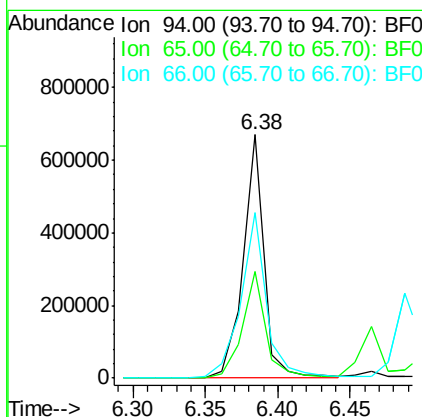
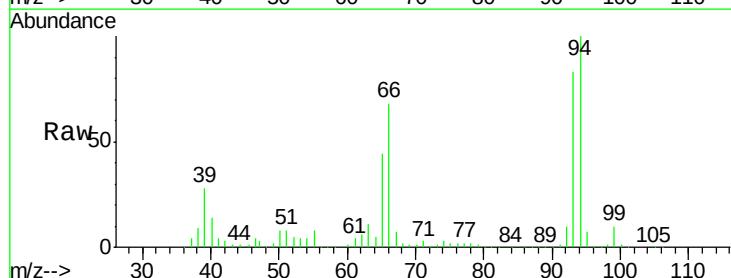
Tgt Ion: 94 Resp: 668797

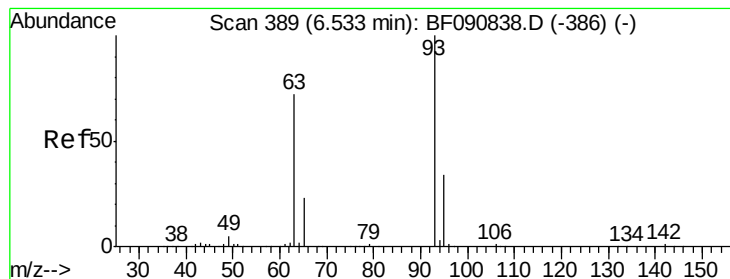
Ion Ratio Lower Upper

94 100

65 44.0 0.7 40.7#

66 68.2 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 42.32 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

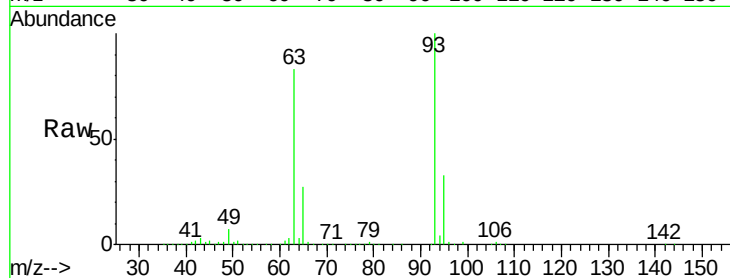
Tgt Ion: 93 Resp: 544820

Ion Ratio Lower Upper

93 100

63 82.9 65.6 105.6

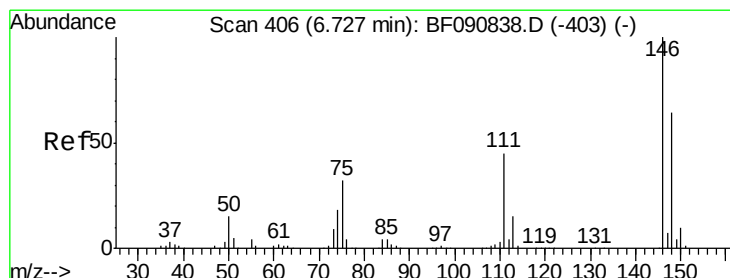
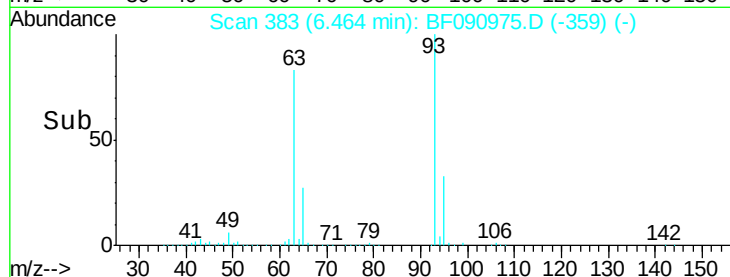
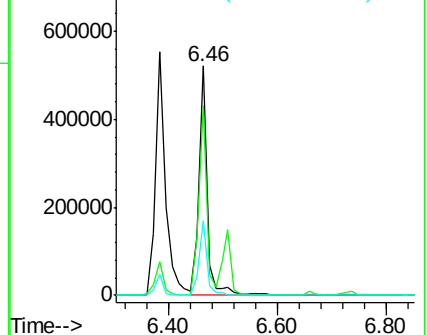
95 32.5 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.84 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.03 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

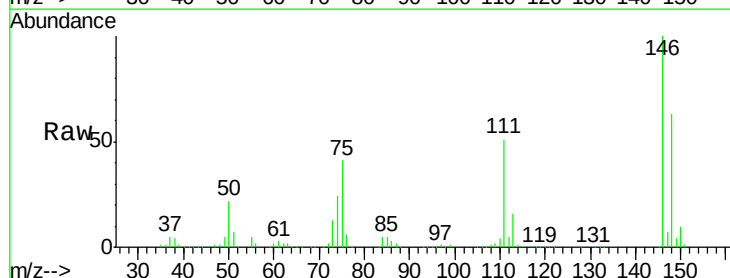
Tgt Ion: 146 Resp: 486533

Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.4

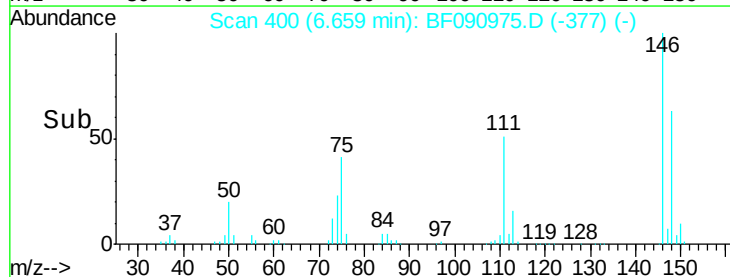
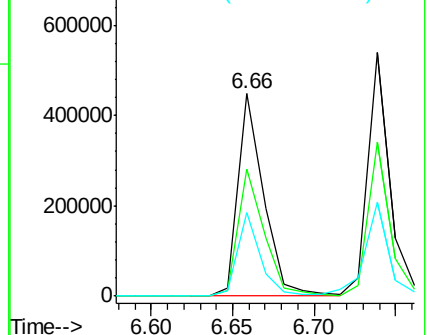
75 41.2 15.0 22.6#

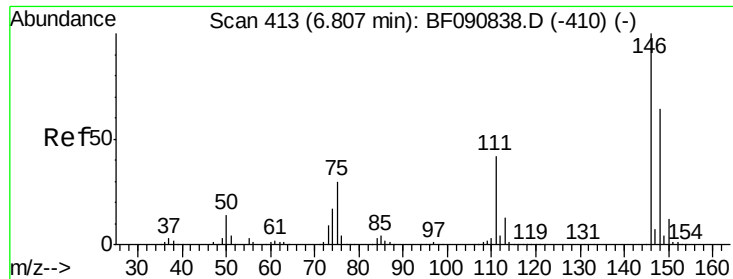


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

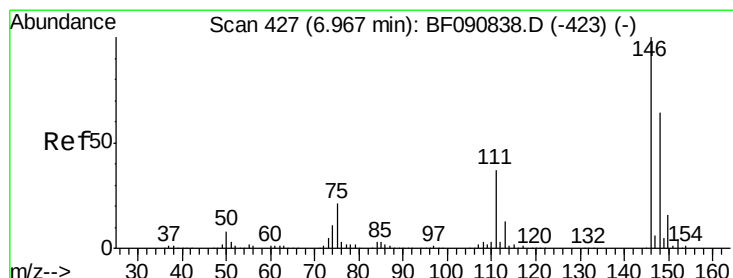
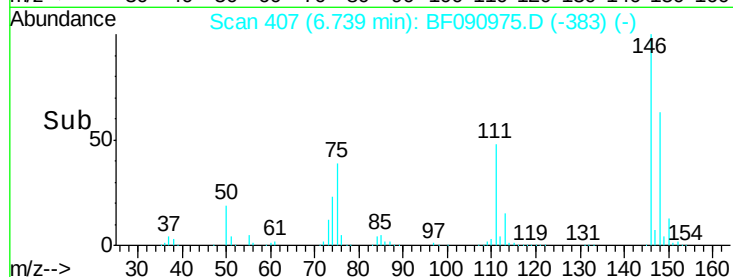
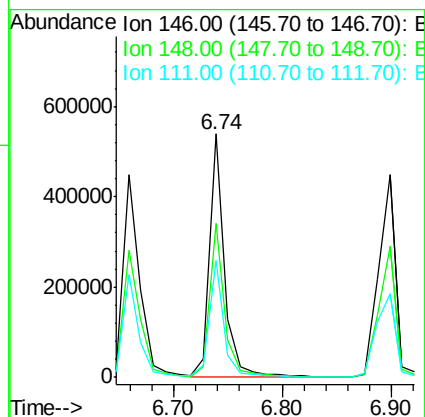
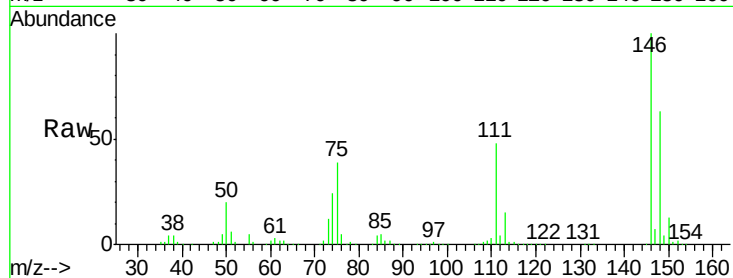




#13
 1,4-Dichlorobenzene
 Concen: 37.67 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

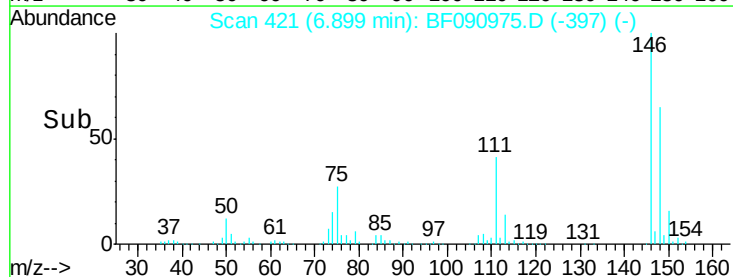
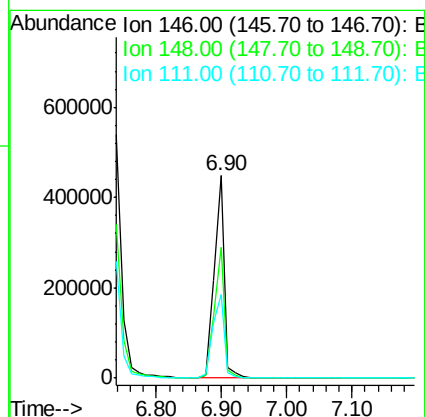
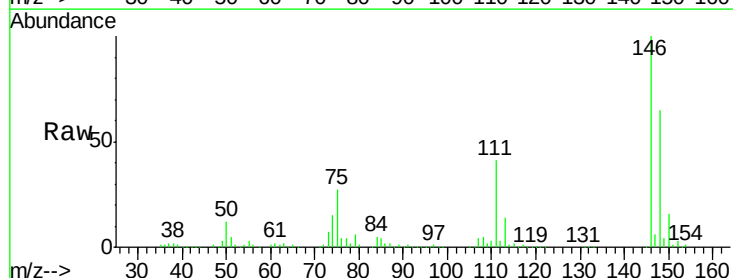
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

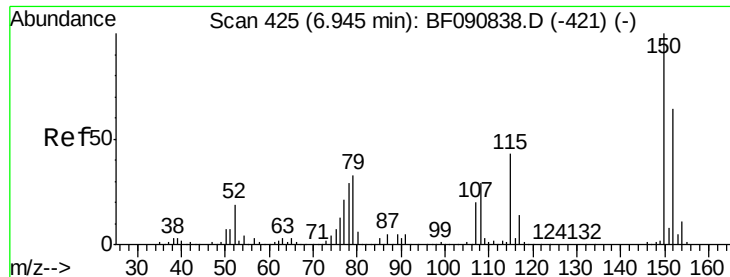
Tgt Ion:146 Resp: 523035
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.8 77.6
 111 47.9 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 37.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion:146 Resp: 492591
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.7 79.1
 111 41.1 28.8 43.2

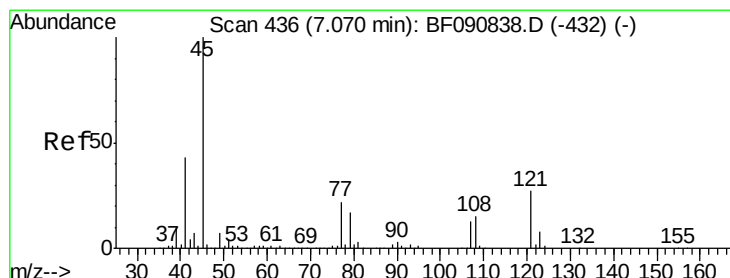
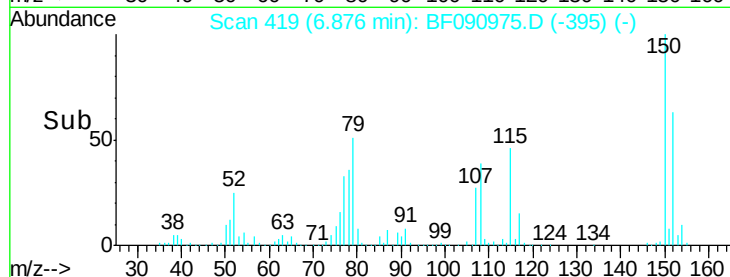
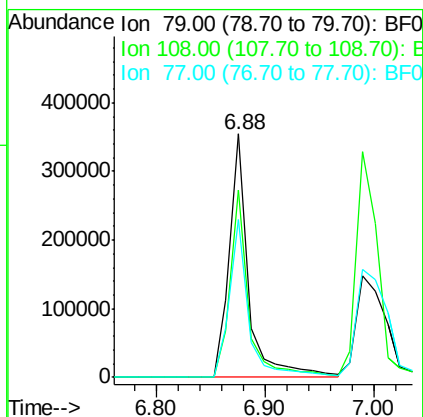
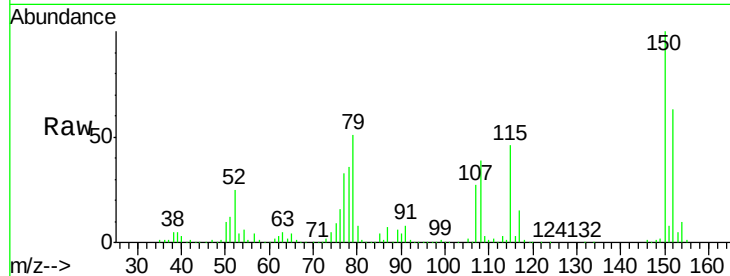




#15
Benzyl Alcohol
Concen: 46.83 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

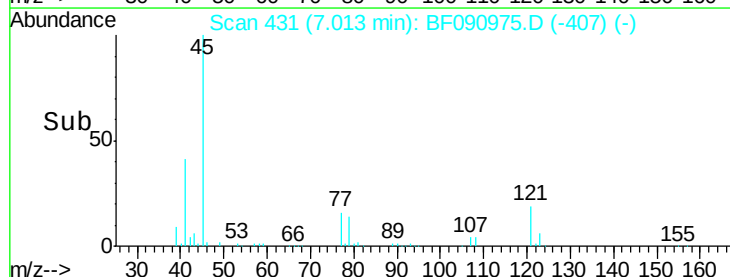
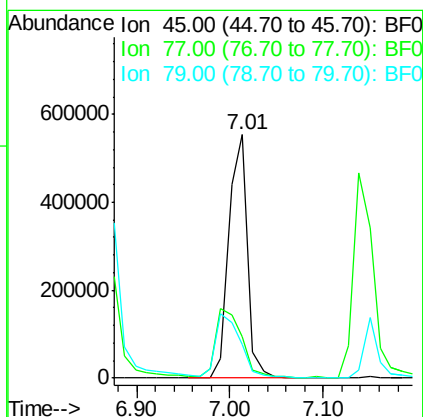
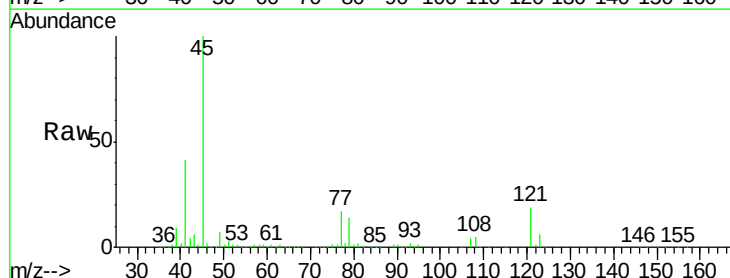
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

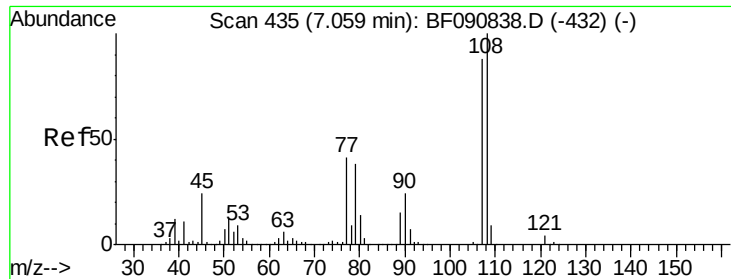
Tgt Ion: 79 Resp: 434243
Ion Ratio Lower Upper
79 100
108 76.8 88.6 132.8#
77 65.0 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.28 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

Tgt Ion: 45 Resp: 772130
Ion Ratio Lower Upper
45 100
77 16.9 0.0 28.1
79 13.8 0.0 26.0





#17

2-Methylphenol

Concen: 39.75 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 390397

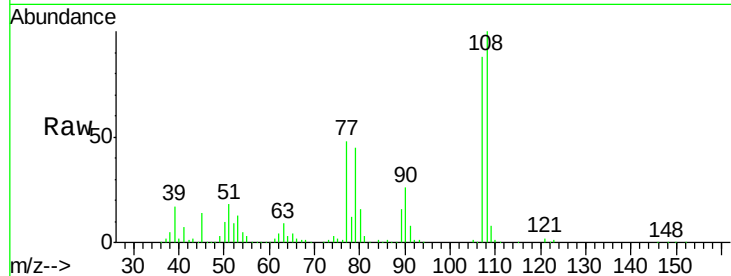
Ion Ratio Lower Upper

107 100

108 113.7 96.6 145.0

77 54.4 23.3 34.9#

79 51.0 22.0 33.0#



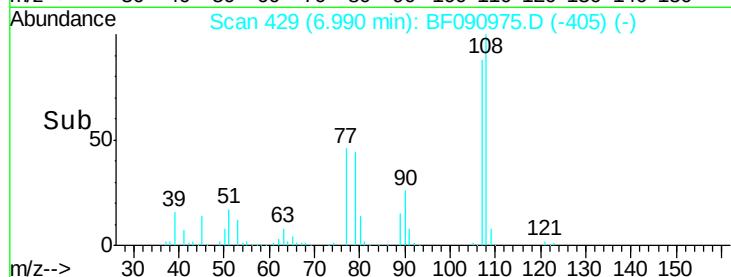
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



Abundance

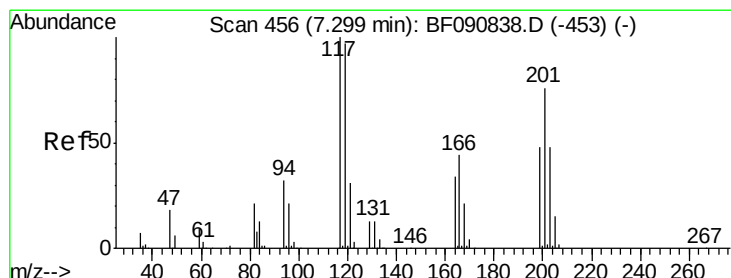
Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 39.78 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

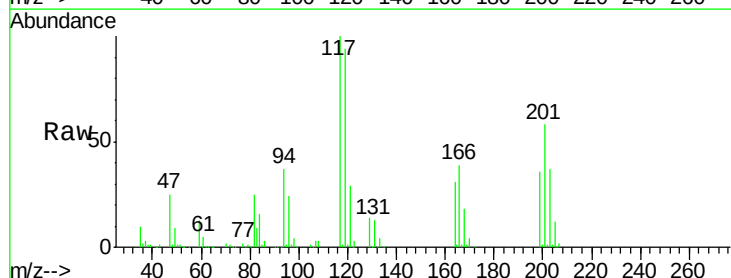
Tgt Ion:117 Resp: 201044

Ion Ratio Lower Upper

117 100

119 94.1 83.8 125.6

201 57.6 55.1 82.7

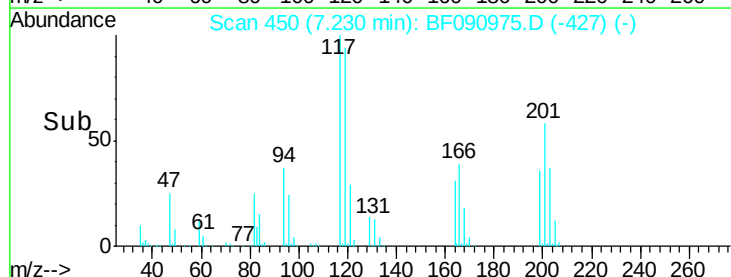


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



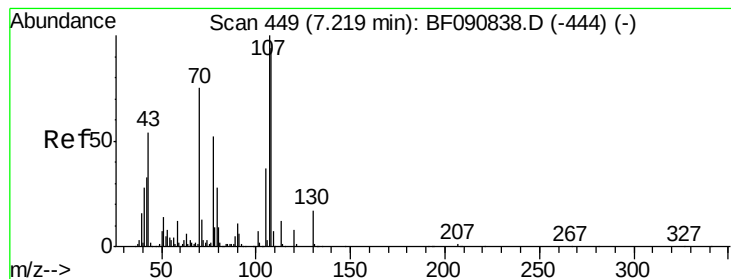
Abundance

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

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 47.60 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 388524

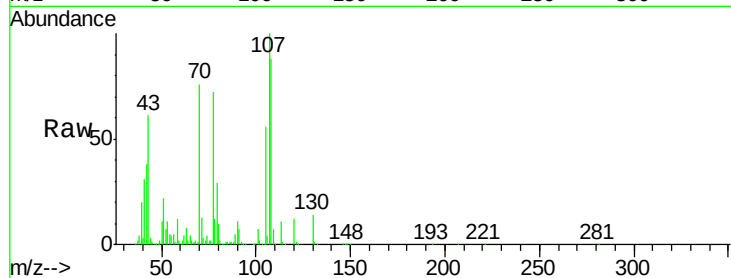
Ion Ratio Lower Upper

70 100

42 49.4 63.8 95.6#

101 8.7 9.2 13.8#

130 19.1 27.3 40.9#



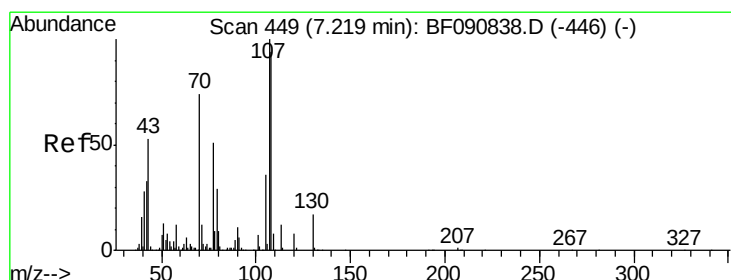
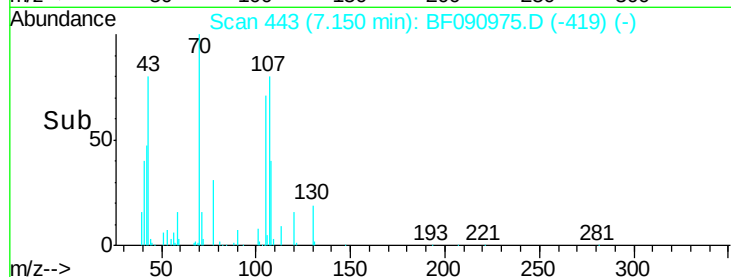
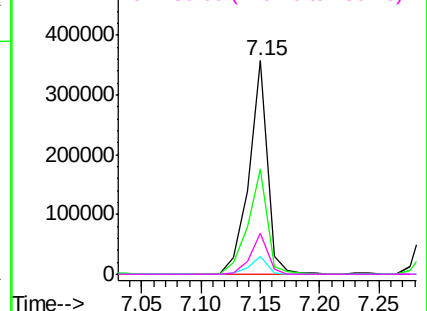
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 42.81 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Tgt Ion: 107 Resp: 486692

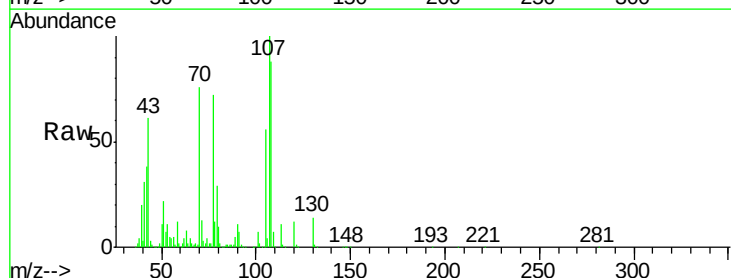
Ion Ratio Lower Upper

107 100

108 88.3 74.6 114.6

77 72.5 0.7 40.7#

79 29.0 0.0 38.9



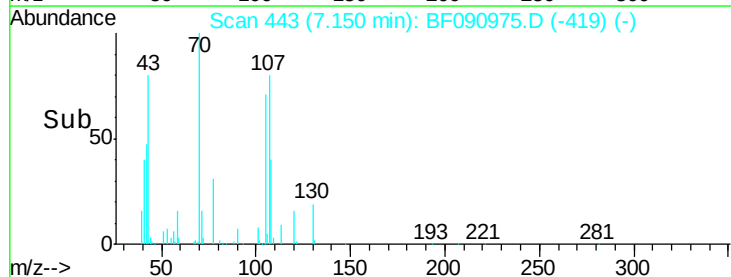
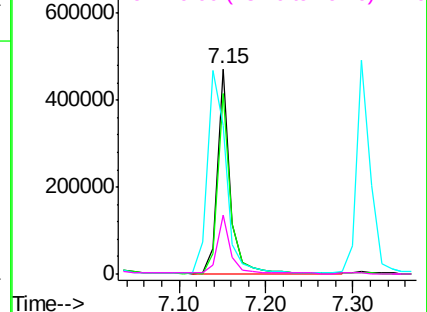
Abundance

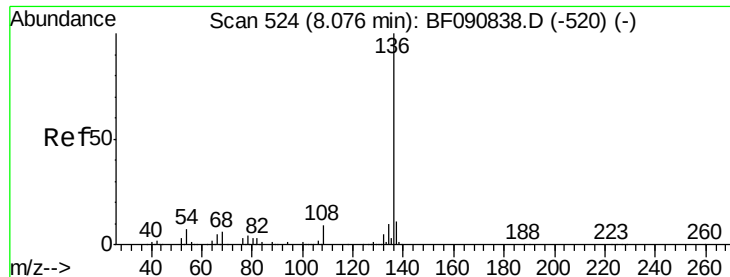
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

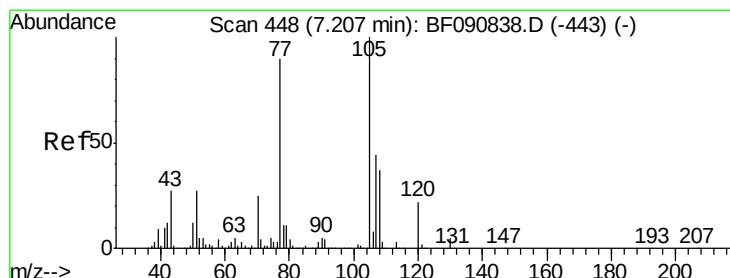
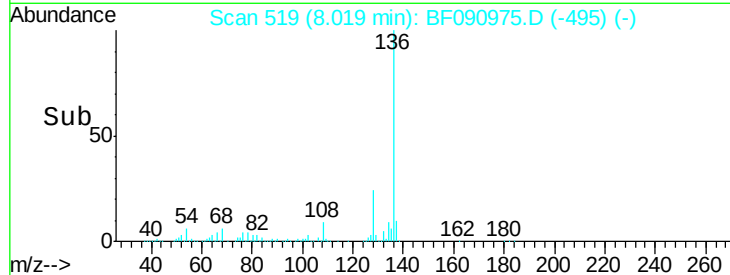
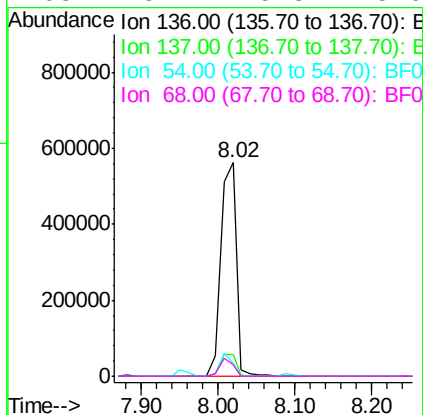
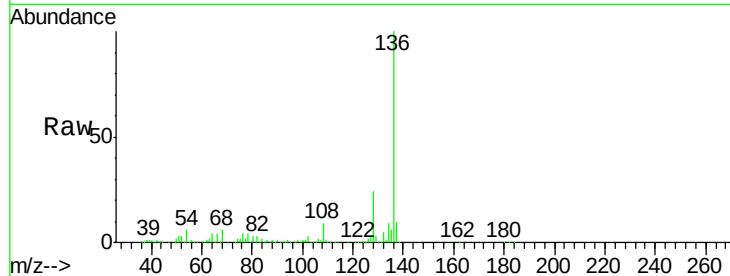




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

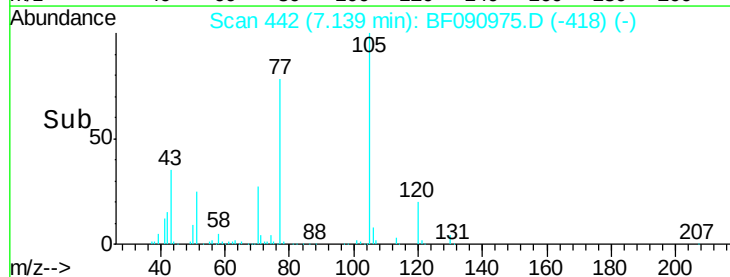
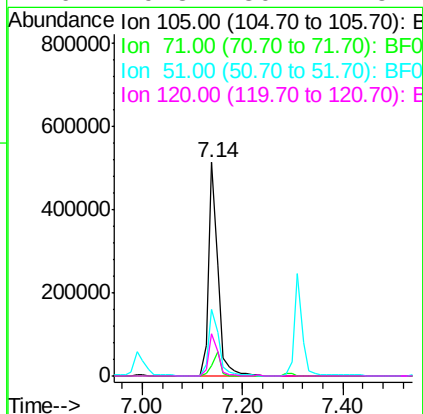
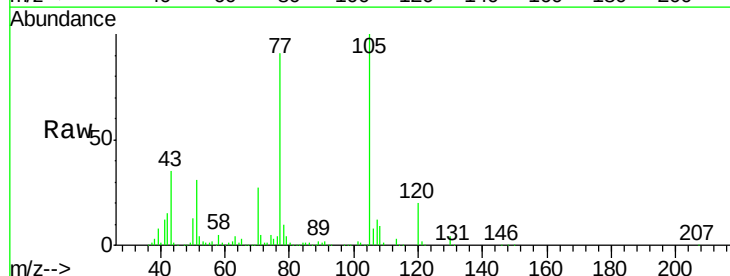
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

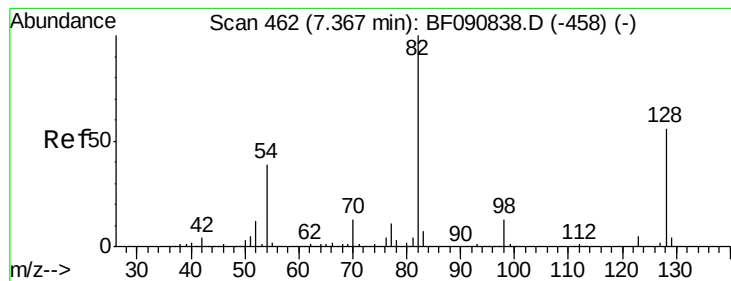
Tgt Ion:	136	Resp:	796270
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.6
54	6.3	8.2	12.2#
68	5.7	5.8	8.6#



#22
Acetophenone
Concen: 40.16 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

Tgt Ion:	105	Resp:	657891
Ion Ratio	Lower	Upper	
105	100		
71	4.5	4.7	7.1#
51	31.0	22.0	33.0
120	19.8	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 92.69 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

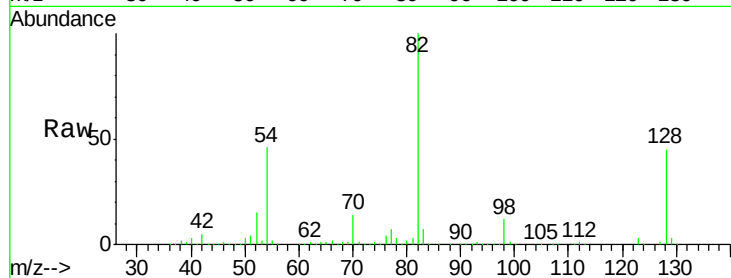
Tgt Ion: 82 Resp: 1127447

Ion Ratio Lower Upper

82 100

128 44.5 51.0 76.6#

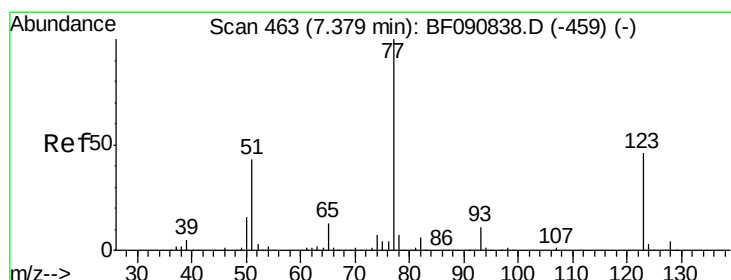
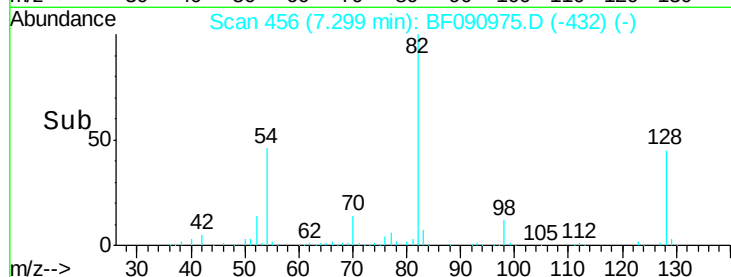
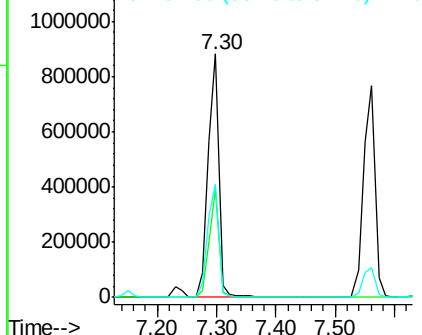
54 46.3 47.5 71.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.66 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

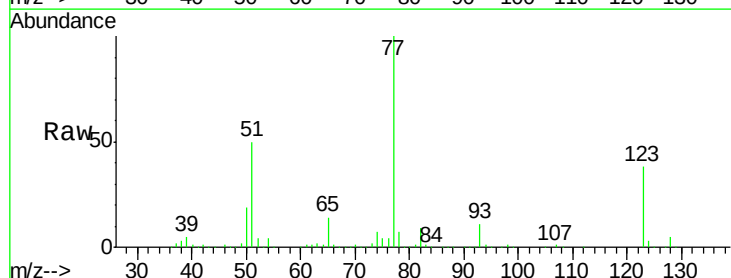
Tgt Ion: 77 Resp: 561773

Ion Ratio Lower Upper

77 100

123 38.1 59.8 89.8#

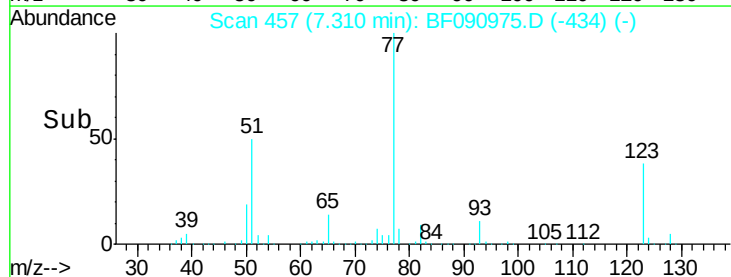
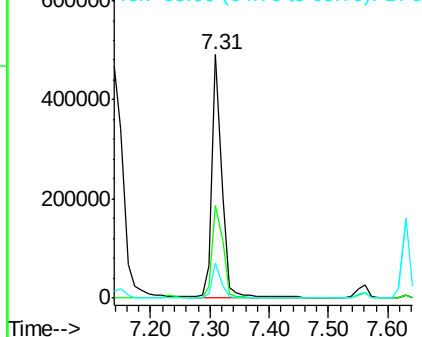
65 14.2 10.2 15.4

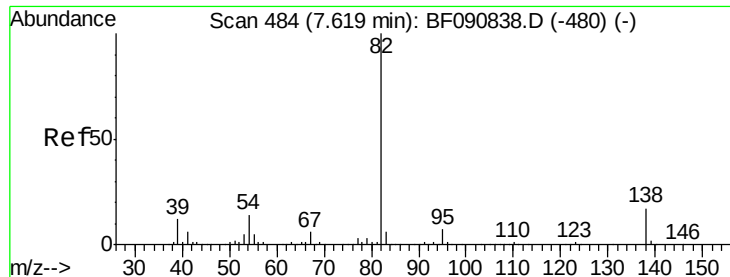


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.79 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

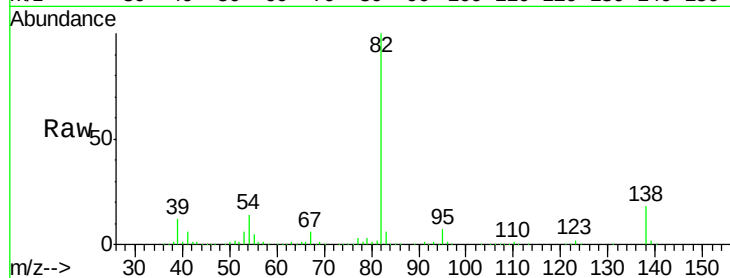
Tgt Ion: 82 Resp: 1031517

Ion Ratio Lower Upper

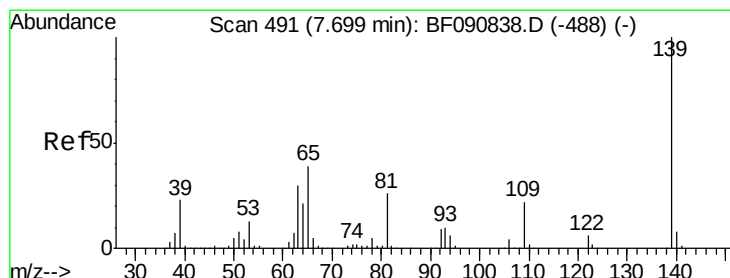
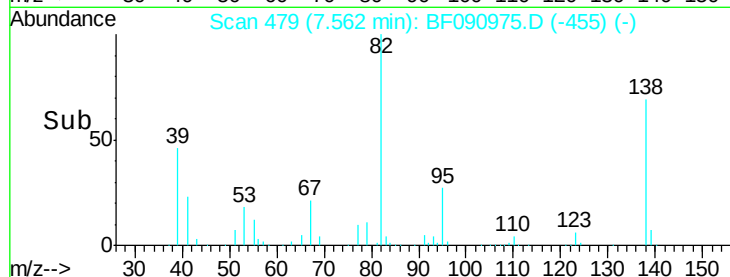
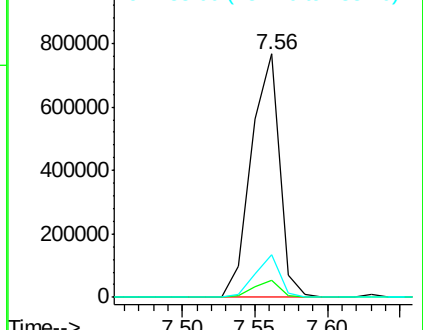
82 100

95 6.8 4.0 6.0#

138 17.7 18.3 27.5#



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: 38.00 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

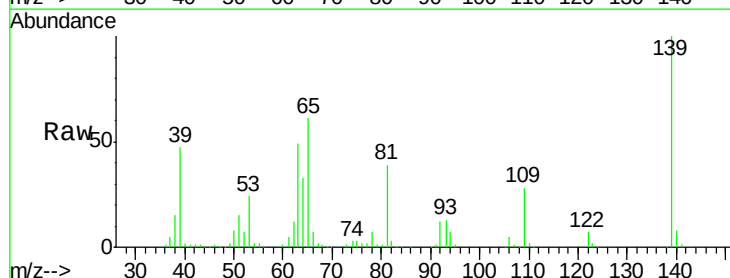
Tgt Ion: 139 Resp: 261909

Ion Ratio Lower Upper

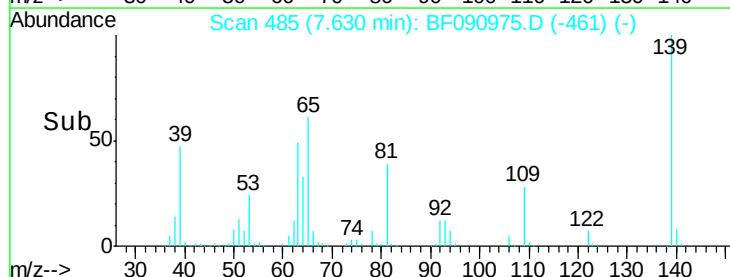
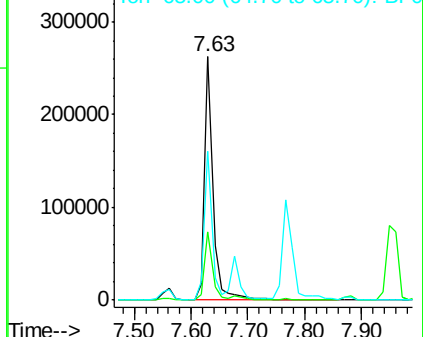
139 100

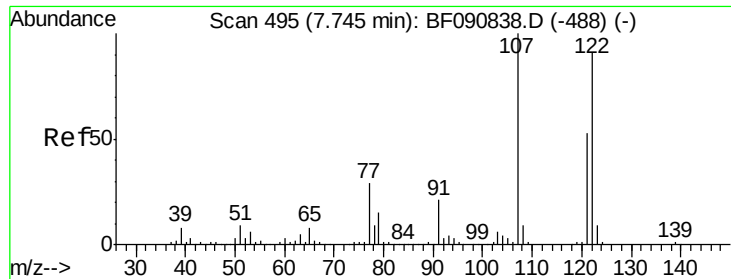
109 28.2 11.0 16.4#

65 60.9 24.7 37.1#



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

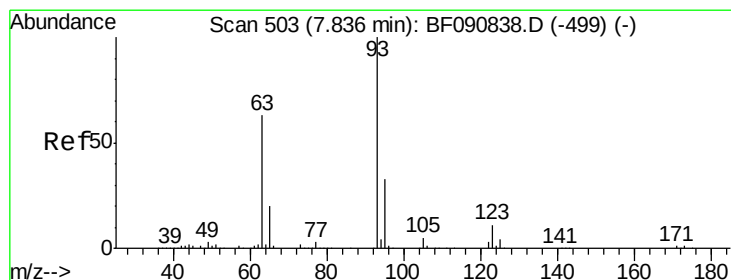
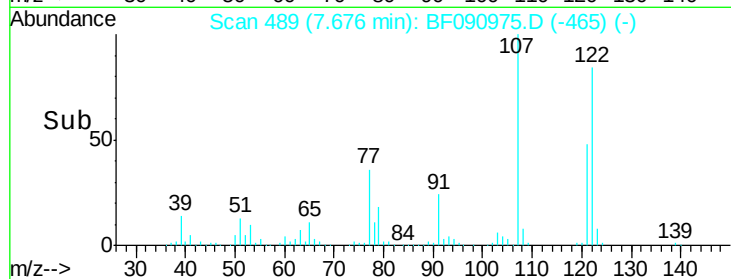
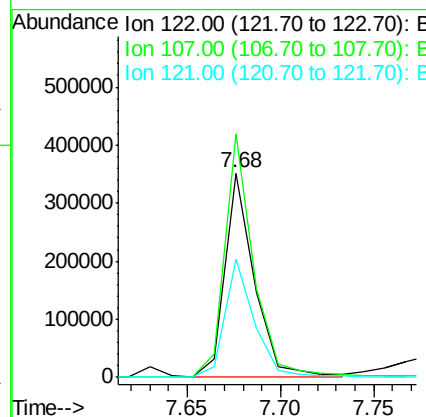
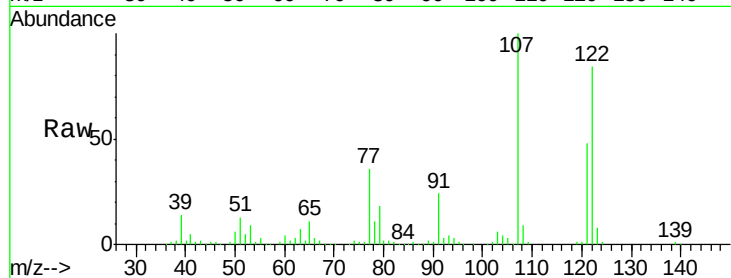




#27
 2,4-Dimethylphenol
 Concen: 34.82 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

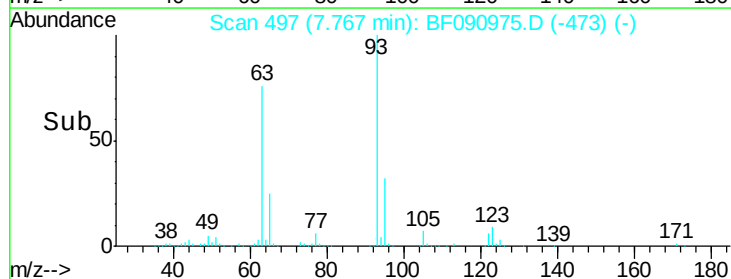
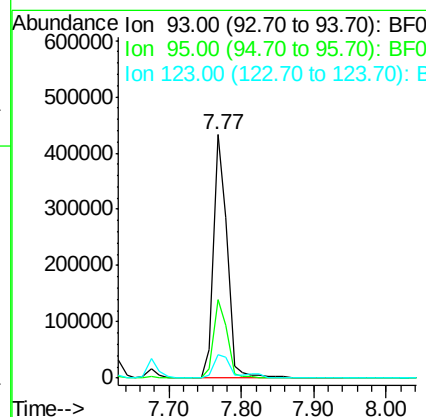
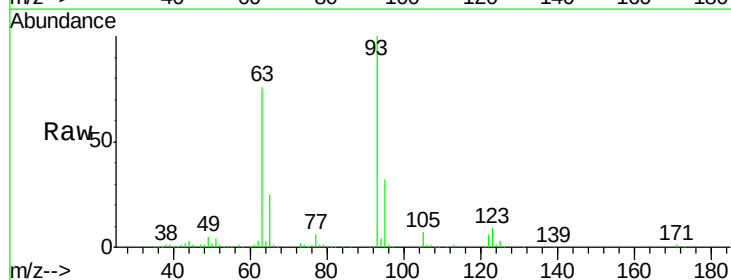
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

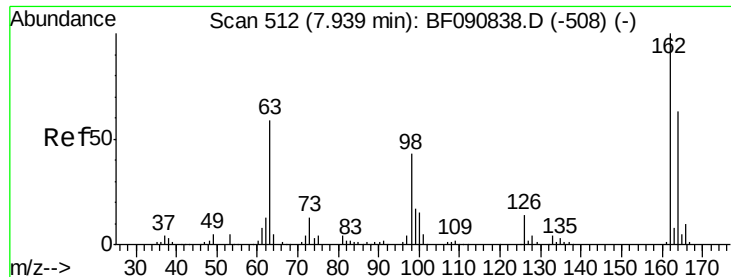
Tgt Ion:122 Resp: 388541
 Ion Ratio Lower Upper
 122 100
 107 119.1 71.8 107.6#
 121 57.6 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.08 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion: 93 Resp: 562690
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.5 41.3
 123 9.5 13.7 20.5#

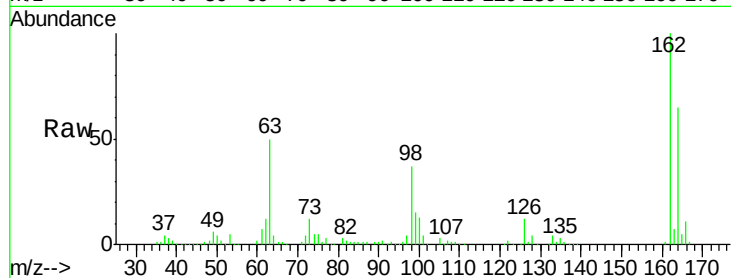




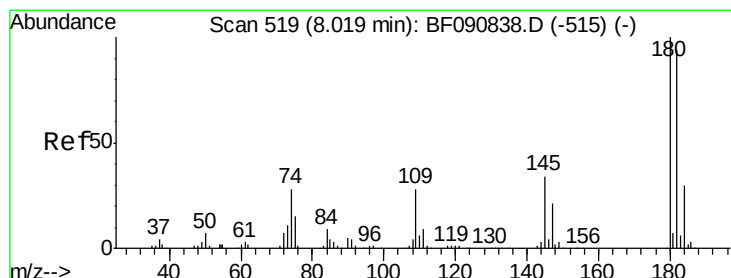
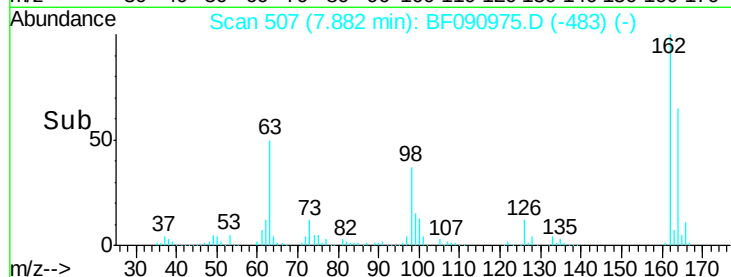
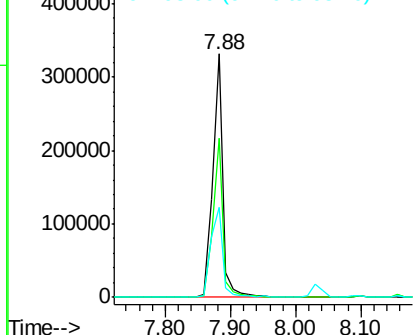
#29
 2,4-Dichlorophenol
 Concen: 35.42 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	36.7	13.0	53.0

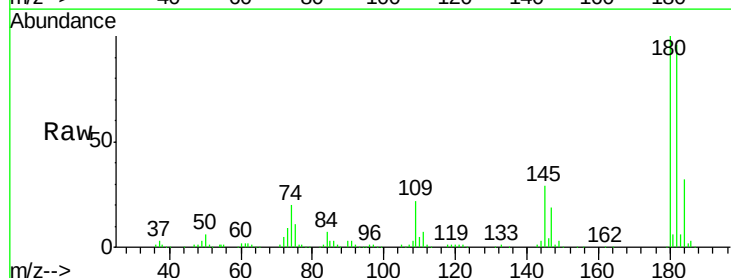


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

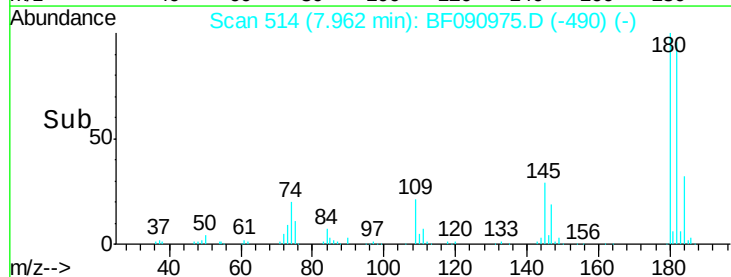
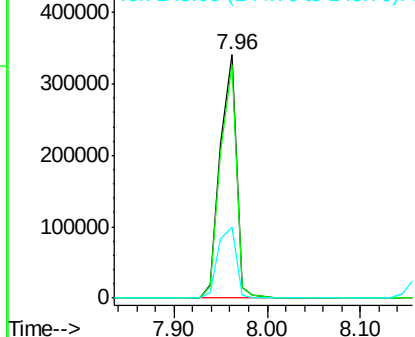


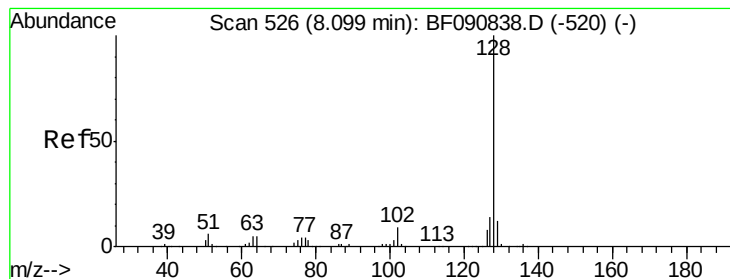
#30
 1,2,4-Trichlorobenzene
 Concen: 34.41 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
145	28.9	23.3	34.9



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





#31

Naphthalene

Concen: 36.59 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

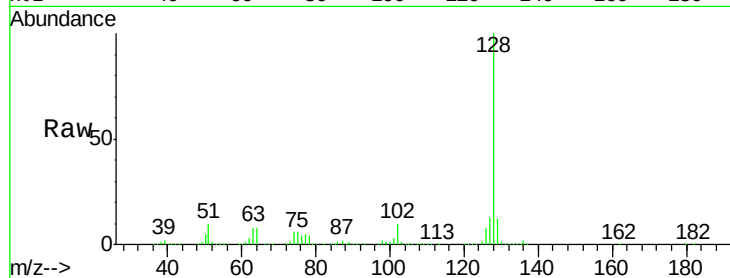
Tgt Ion:128 Resp: 1361827

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

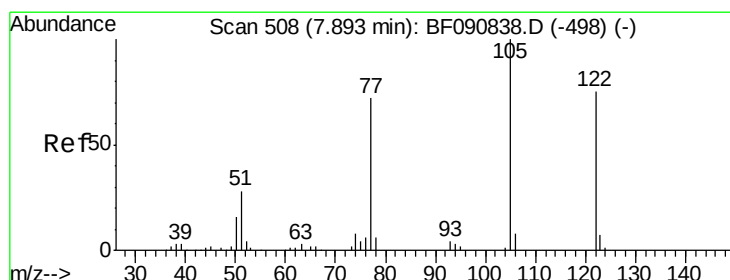
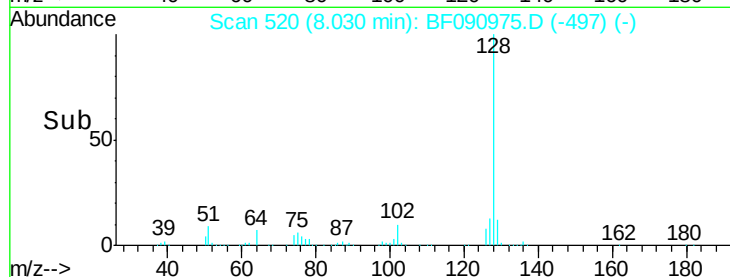
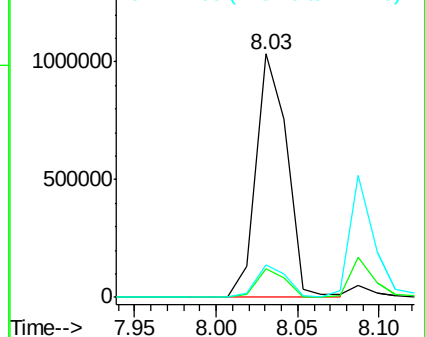
127 13.3 9.9 14.9



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: 32.77 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

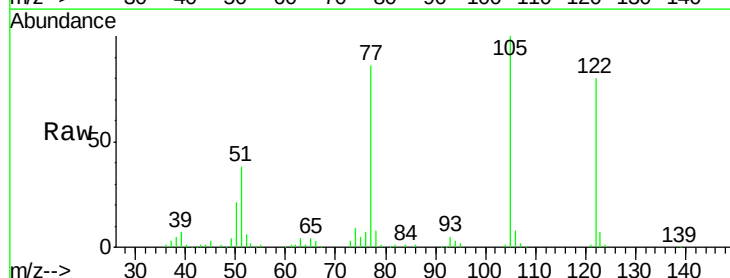
Tgt Ion:122 Resp: 265516

Ion Ratio Lower Upper

122 100

105 124.5 76.1 116.1#

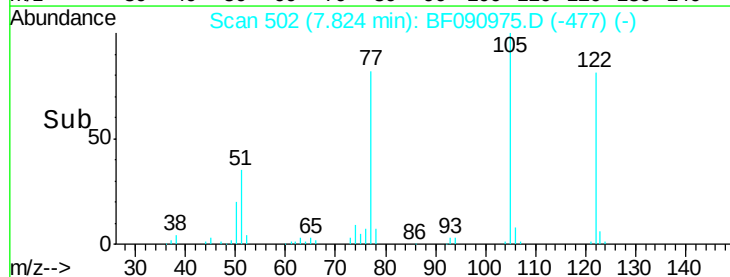
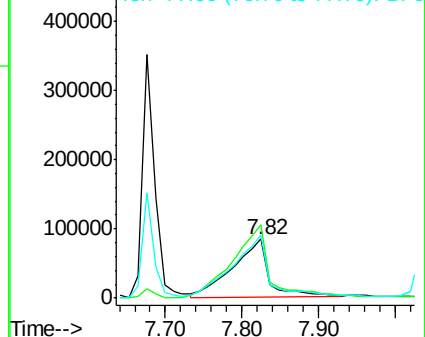
77 106.5 40.5 80.5#

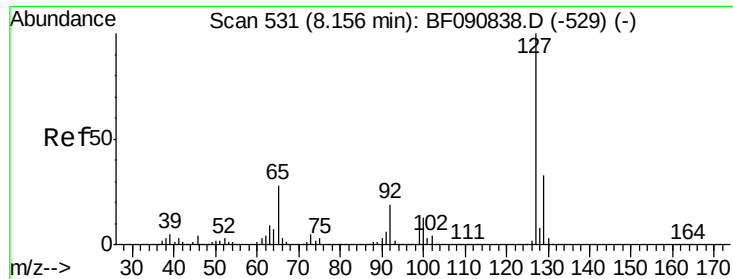


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

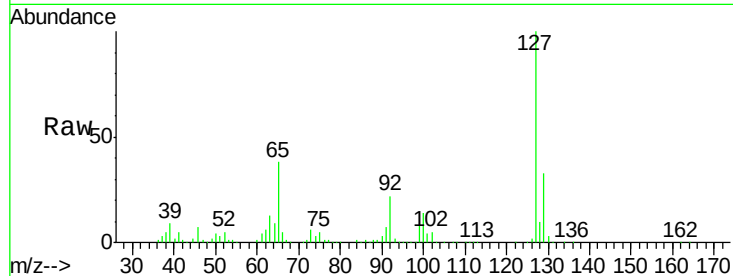




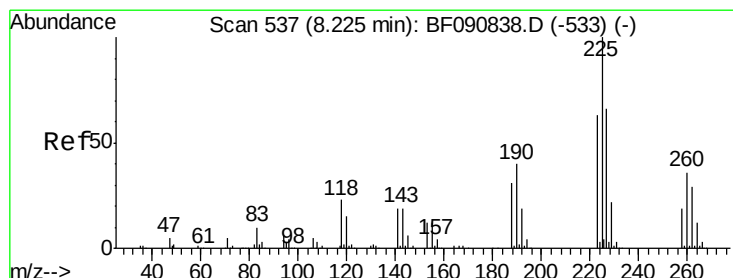
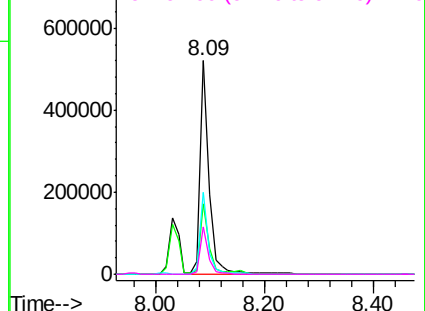
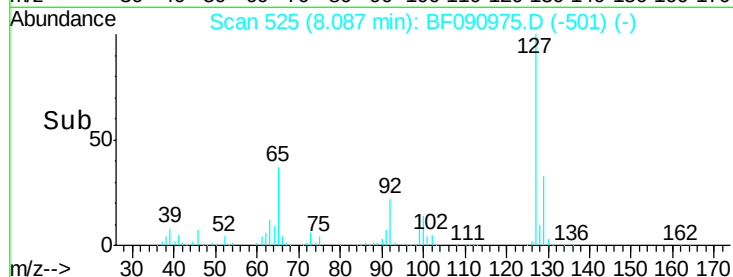
#33
4-Chloroaniline
Concen: 38.40 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	577495
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.8	38.6
65	38.1	17.9	26.9#
92	22.2	10.5	15.7#

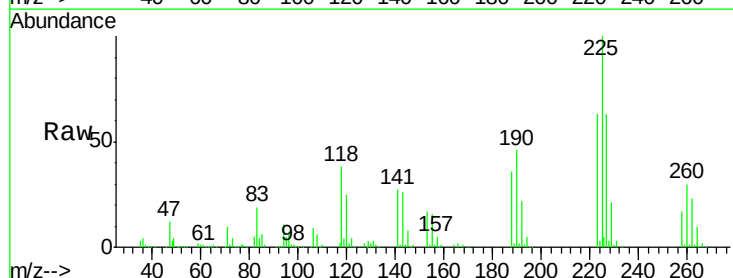


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

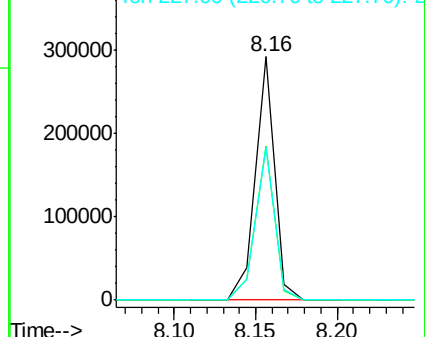
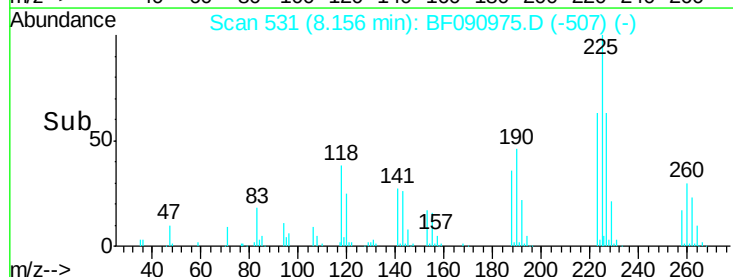


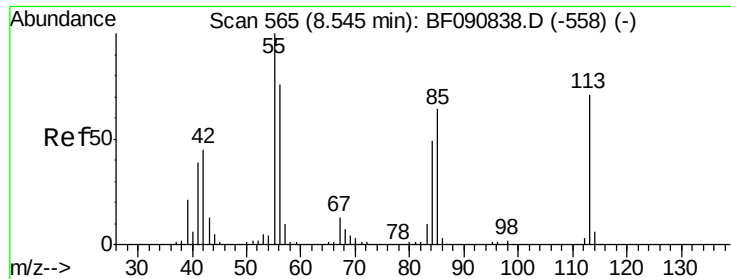
#34
Hexachlorobutadiene
Concen: 34.38 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF090975.D
Acq: 2 Nov 2016 13:14

Tgt Ion:	225	Resp:	241366
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.2	75.2
227	62.7	52.2	78.2



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





#35

Caprolactam

Concen: 37.02 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

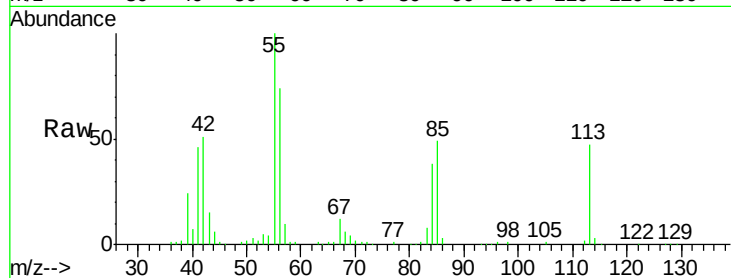
Tgt Ion:113 Resp: 118736

Ion Ratio Lower Upper

113 100

55 213.6 152.4 192.4#

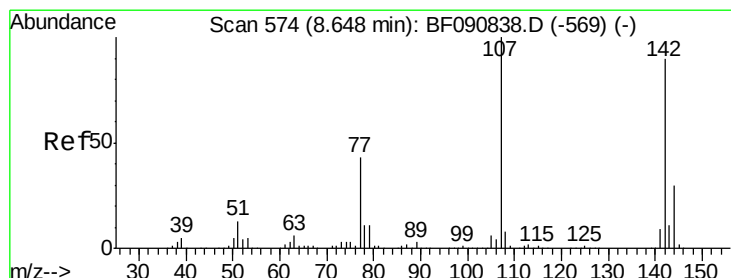
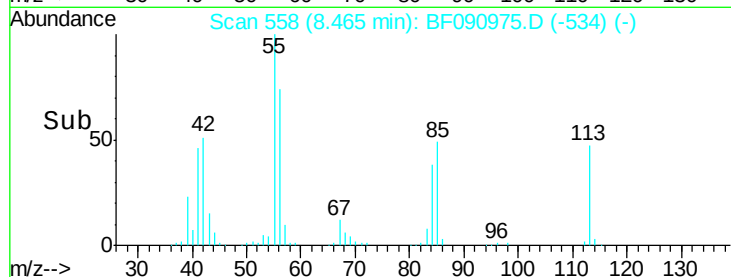
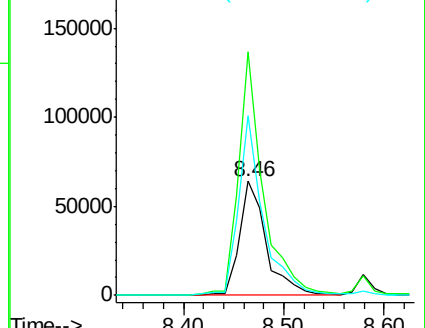
56 157.3 104.6 144.6#



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: 37.75 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

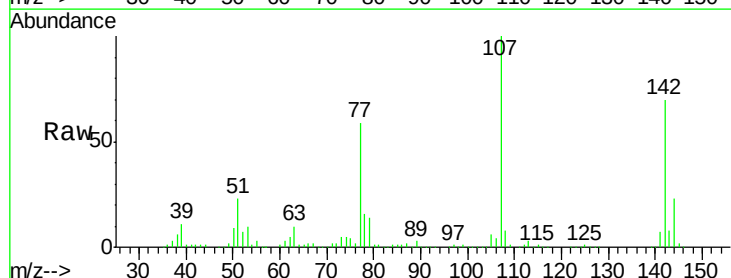
Tgt Ion:107 Resp: 424163

Ion Ratio Lower Upper

107 100

144 22.8 25.4 38.0#

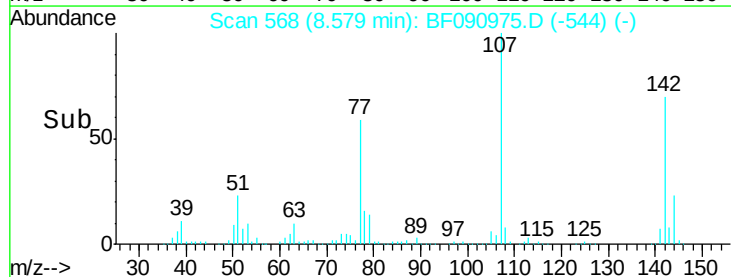
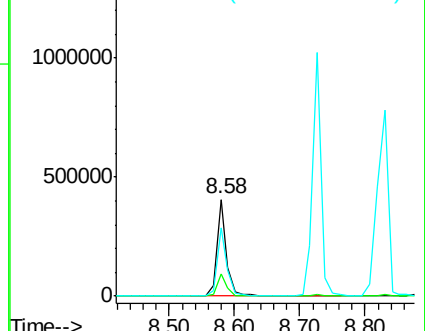
142 70.5 77.3 115.9#

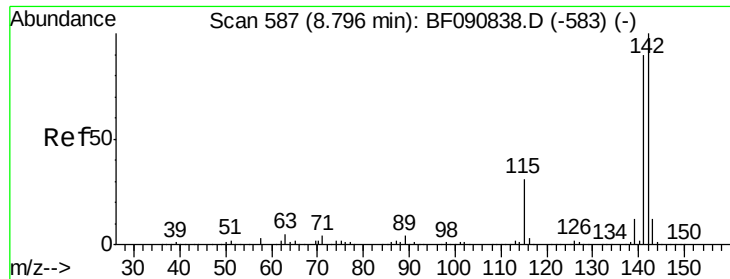


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

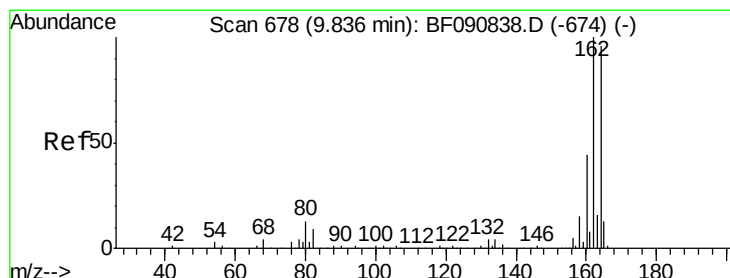
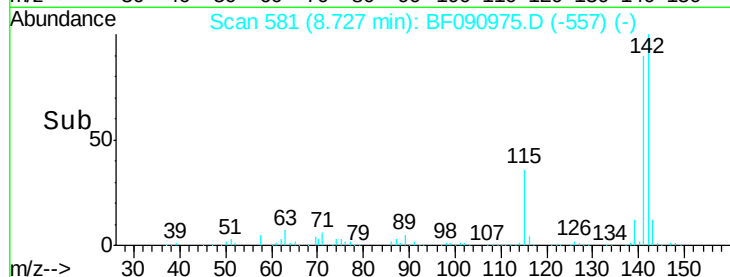
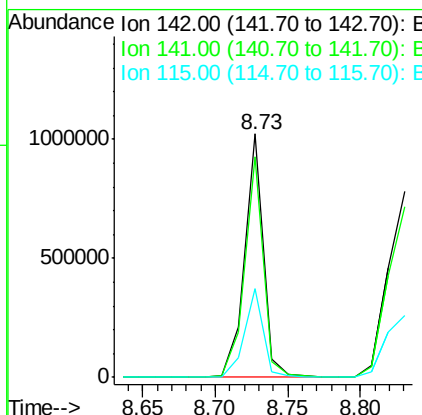
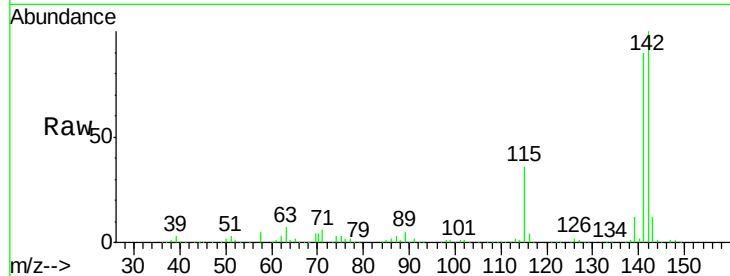




#37
 2-Methylnaphthalene
 Concen: 38.20 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

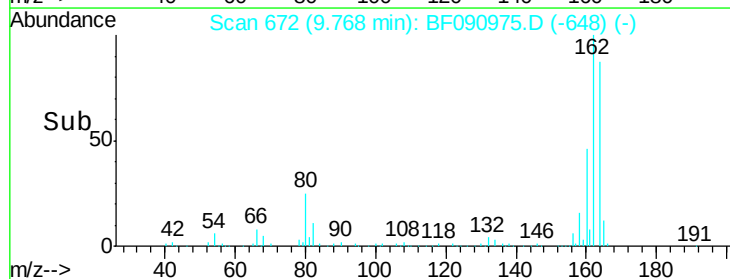
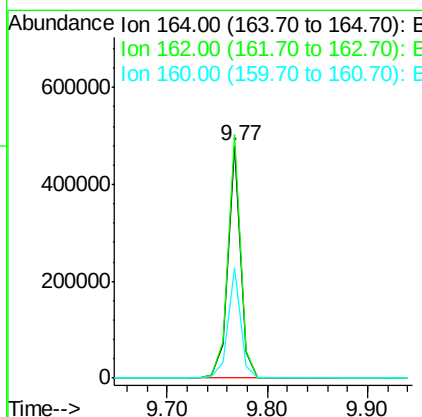
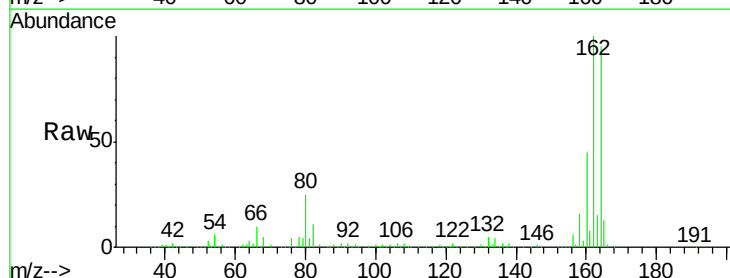
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

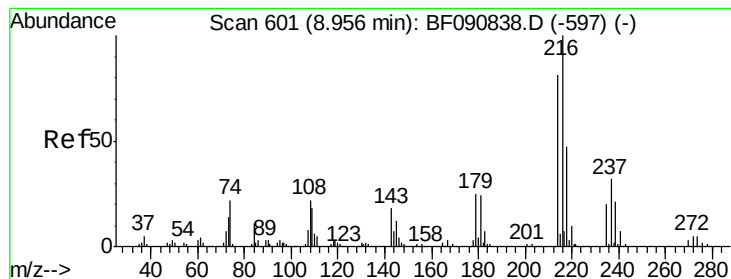
Tgt Ion:142 Resp: 918420
 Ion Ratio Lower Upper
 142 100
 141 90.4 67.5 101.3
 115 36.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion:164 Resp: 421810
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 47.6 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.55 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 434498

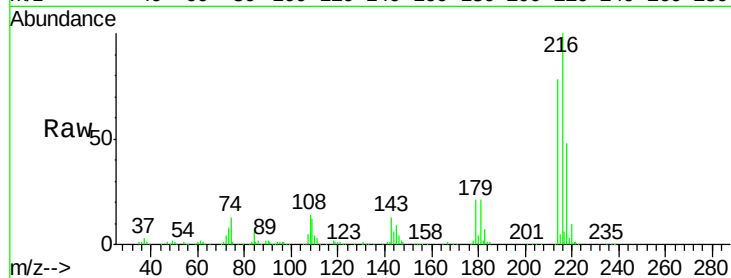
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 22.6 16.6 24.8

108 21.4 16.3 24.5

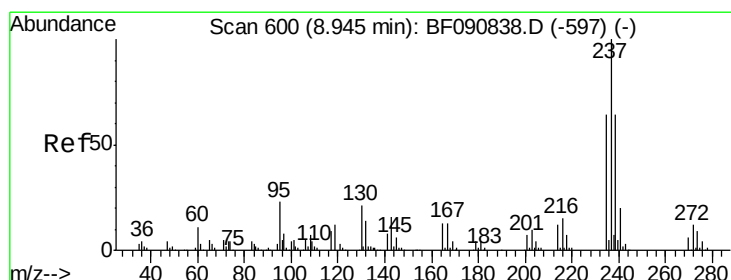
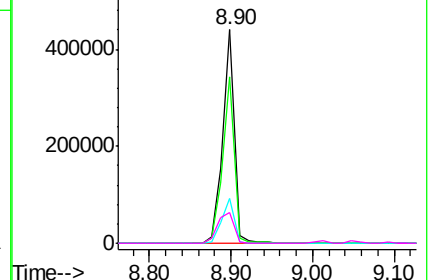
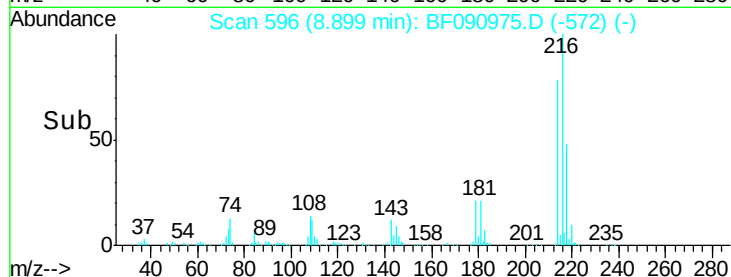


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.33 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF090975.D

Acq: 2 Nov 2016 13:14

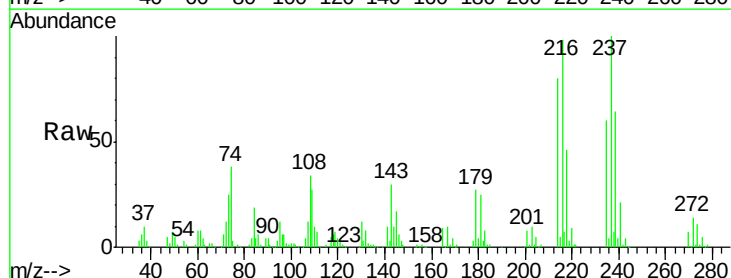
Tgt Ion:237 Resp: 177413

Ion Ratio Lower Upper

237 100

235 60.2 42.0 82.0

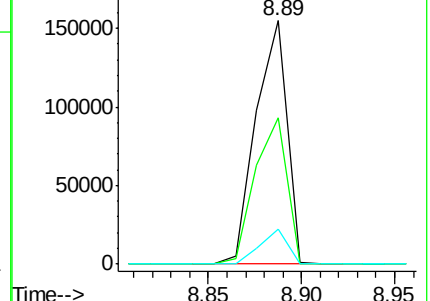
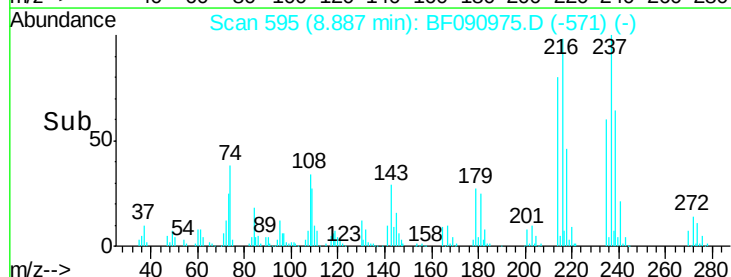
272 14.3 0.0 36.1

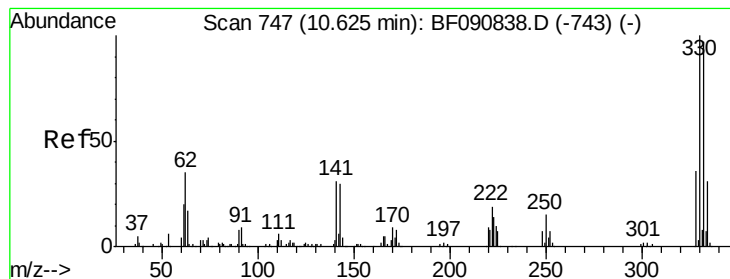


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

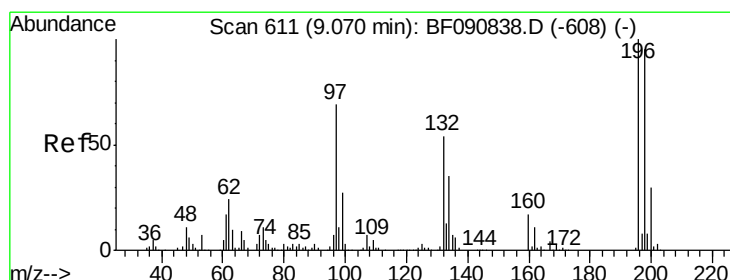
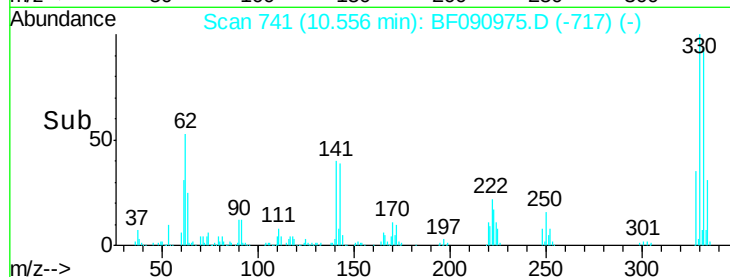
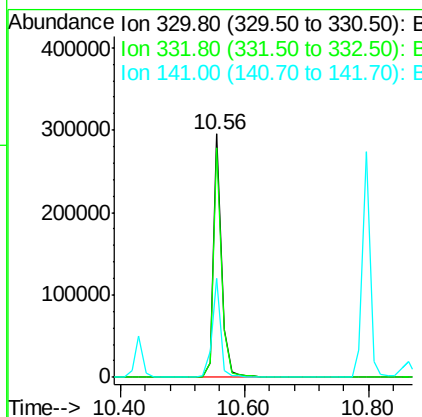
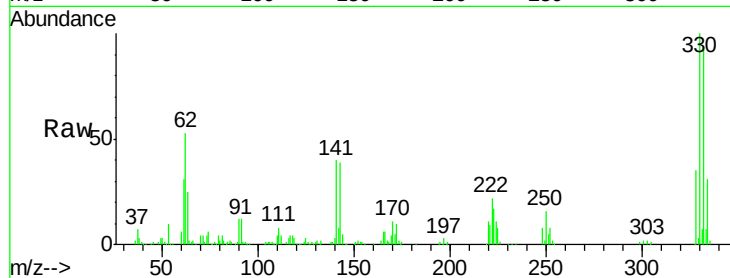




#41
 2,4,6-Tribromophenol
 Concen: 61.98 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

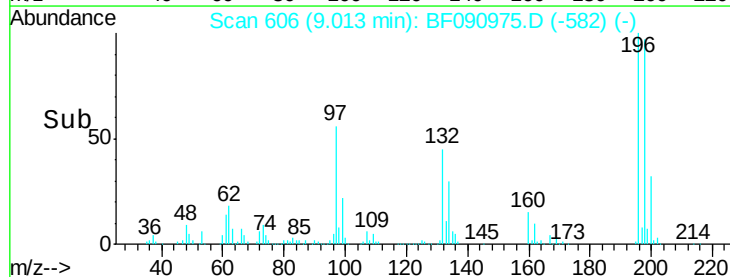
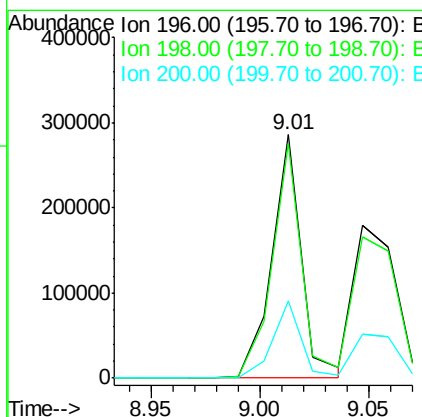
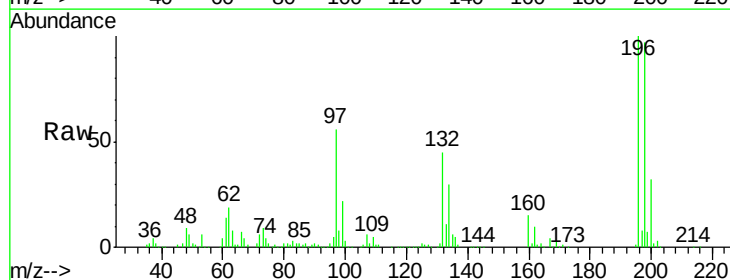
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

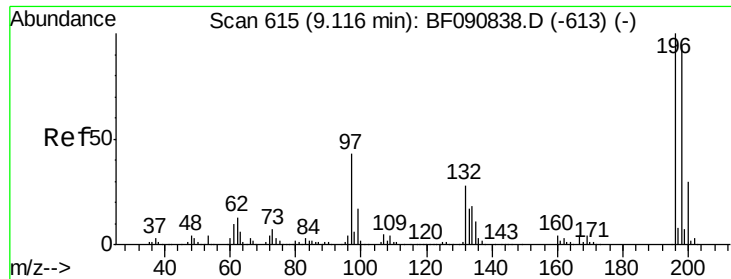
Tgt Ion:330 Resp: 268670
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 43.8 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion:196 Resp: 273012
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.7 113.5
 200 31.6 23.9 35.9

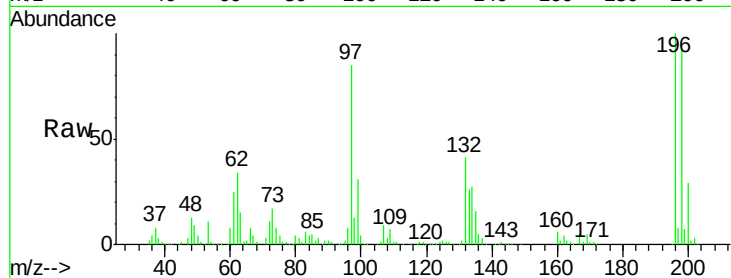




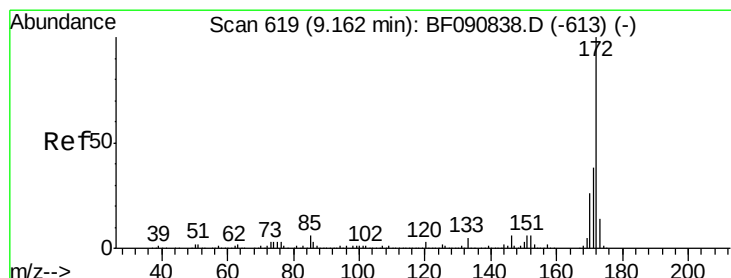
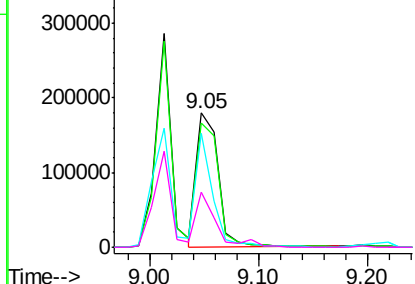
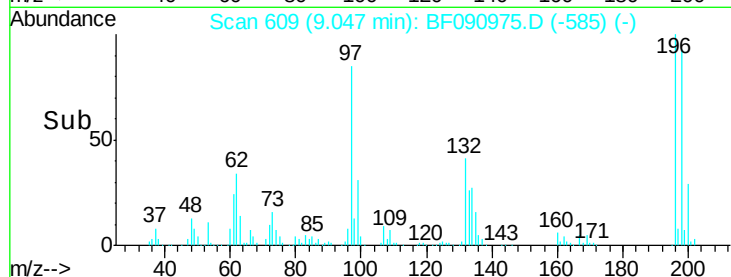
#43
 2,4,5-Trichlorophenol
 Concen: 32.70 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	251609
Ion Ratio	Lower	Upper	
196	100		
198	92.6	75.4	113.0
97	85.0	33.3	49.9#
132	41.5	24.6	37.0#

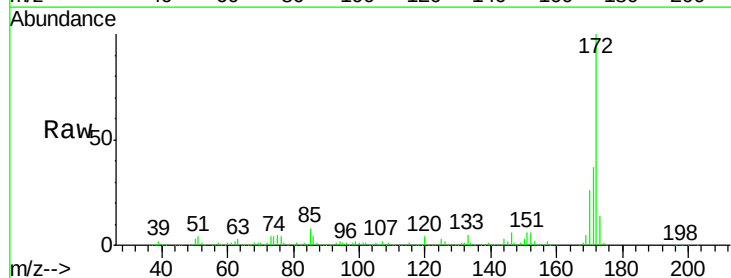


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.51 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090975.D
 Acq: 2 Nov 2016 13:14

Tgt Ion:	172	Resp:	1669760
Ion Ratio	Lower	Upper	
172	100		
171	37.3	26.1	39.1
170	25.5	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

