

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
 Data File : BF080582.D
 Acq On : 23 Jul 2015 4:58
 Operator : TP/UM
 Sample : G3045-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

Quant Time: Jul 23 05:52:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	45630	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	172415	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	75669	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	120348	20.00	ng	0.00
75) Chrysene-d12	14.29	240	82145	20.00	ng	-0.02
86) Perylene-d12	15.97	264	57576	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	146254	56.84	ng	0.00
7) Phenol-d6	6.57	99	111408	35.16	ng	0.00
23) Nitrobenzene-d5	7.52	82	233404	87.19	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	73466	129.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	410243	77.96	ng	0.00
78) Terphenyl-d14	13.12	244	321485	80.26	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	20465	15.30	ng	# 100
3) Pyridine	3.31	79	47582	15.32	ng	96
4) n-Nitrosodimethylamine	3.21	42	31564	16.09	ng	# 92
6) Aniline	6.61	93	92909	19.57	ng	98
8) 2-Chlorophenol	6.74	128	86289	32.02	ng	95
9) Benzaldehyde	6.50	77	39838	16.71	ng	95
10) Phenol	6.58	94	47843	12.69	ng	98
11) bis(2-Chloroethyl)ether	6.68	93	114662	42.36	ng	95
12) 1,3-Dichlorobenzene	6.90	146	97152	27.87	ng	98
13) 1,4-Dichlorobenzene	6.98	146	93812	28.25	ng	98
14) 1,2-Dichlorobenzene	7.13	146	97634	30.48	ng	98
15) Benzyl Alcohol	7.09	79	81107	30.91	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	216028	38.11	ng	99
17) 2-Methylphenol	7.20	107	61157	26.61	ng	96
18) Hexachloroethane	7.48	117	29890	25.53	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	81998	40.29	ng	99
20) 3+4-Methylphenols	7.36	107	70570	24.35	ng	# 81
22) Acetophenone	7.37	105	169204	41.10	ng	98
24) Nitrobenzene	7.54	77	128005	39.87	ng	97
25) Isophorone	7.78	82	230509	40.77	ng	99
26) 2-Nitrophenol	7.86	139	40923	50.52	ng	# 92
27) 2,4-Dimethylphenol	7.89	122	85796	35.84	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	125977	41.54	ng	98
29) 2,4-Dichlorophenol	8.10	162	76350	39.91	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	85656	32.02	ng	97
31) Naphthalene	8.27	128	293081	34.23	ng	99
32) Benzoic acid	7.93	122	10528	20.90	ng	94
33) 4-Chloroaniline	8.32	127	84115	25.53	ng	98
34) Hexachlorobutadiene	8.40	225	44088	28.22	ng	96
35) Caprolactam	8.65	113	3810	7.06	ng	# 81
36) 4-Chloro-3-methylphenol	8.78	107	83070	35.11	ng	95
37) 2-Methylnaphthalene	8.96	142	175550	36.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	92381	35.61	ng	# 98
40) Hexachlorocyclopentadiene	9.12	237	90848	81.28	ng	98

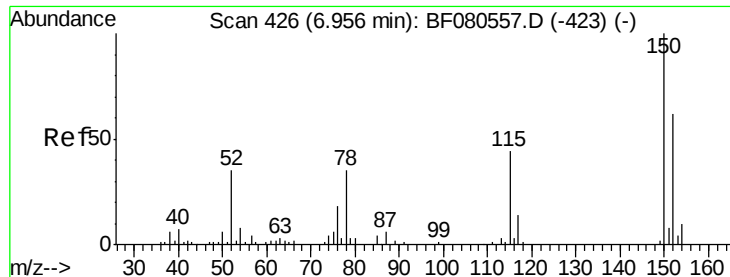
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072215\
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 QLast Update : Thu Jul 23 05:13:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	54159	42.16	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	60340	44.94	ng	95
45) 1,1'-Biphenyl	9.42	154	242530	38.24	ng	99
46) 2-Chloronaphthalene	9.45	162	183751	36.68	ng	97
47) 2-Nitroaniline	9.54	65	57540	48.68	ng	98
48) Acenaphthylene	9.87	152	294656	40.07	ng	99
49) Dimethylphthalate	9.72	163	241468	45.44	ng	99
50) 2,6-Dinitrotoluene	9.78	165	37734	42.82	ng	# 80
51) Acenaphthene	10.04	154	189837	43.95	ng	97
52) 3-Nitroaniline	9.95	138	28697	34.71	ng	98
53) 2,4-Dinitrophenol	10.05	184	23689	101.52	ng	# 77
54) Dibenzofuran	10.21	168	274894	43.32	ng	97
55) 4-Nitrophenol	10.09	139	21371	33.05	ng	# 84
56) 2,4-Dinitrotoluene	10.18	165	47971	47.66	ng	# 95
57) Fluorene	10.56	166	209023	41.22	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.28	232	46621	42.84	ng	96
59) Diethylphthalate	10.43	149	211191	43.07	ng	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	86037	39.35	ng	88
61) 4-Nitroaniline	10.56	138	35880	37.81	ng	82
62) Azobenzene	10.70	77	228275	42.27	ng	99
64) 4,6-Dinitro-2-methylphenol	10.59	198	15563	60.92	ng	88
65) n-Nitrosodiphenylamine	10.66	169	160017	40.33	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	50686	43.76	ng	89
67) Hexachlorobenzene	11.10	284	61423	46.69	ng	97
68) Atrazine	11.18	200	46526	43.71	ng	96
69) Pentachlorophenol	11.30	266	54598	104.52	ng	96
70) Phenanthrene	11.52	178	279887	40.97	ng	98
71) Anthracene	11.57	178	290194	45.90	ng	100
72) Carbazole	11.72	167	244754	42.74	ng	99
73) Di-n-butylphthalate	12.06	149	304183	45.54	ng	99
74) Fluoranthene	12.73	202	259980	42.07	ng	95
76) Benzidine	12.85	184	45912	18.80	ng	97
77) Pyrene	12.97	202	259993	46.49	ng	97
79) Butylbenzylphthalate	13.64	149	100262	54.14	ng	# 86
80) Benzo(a)anthracene	14.28	228	201819	43.23	ng	99
81) 3,3'-Dichlorobenzidine	14.25	252	47142	33.75	ng	# 89
82) Chrysene	14.33	228	190175	40.77	ng	99
83) Bis(2-ethylhexyl)phthalate	14.29	149	136544	45.41	ng	# 95
84) Di-n-octyl phthalate	15.05	149	185012	48.11	ng	97
85) Indeno(1,2,3-cd)pyrene	17.49	276	223988	67.58	ng	98
87) Benzo(b)fluoranthene	15.53	252	153040	42.28	ng	98
88) Benzo(k)fluoranthene	15.53	252	153040	42.70	ng	# 96
89) Benzo(a)pyrene	15.91	252	140048	44.64	ng	# 94
90) Dibenzo(a,h)anthracene	17.53	278	178159	66.54	ng	98
91) Benzo(g,h,i)perylene	17.95	276	227625	83.59	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

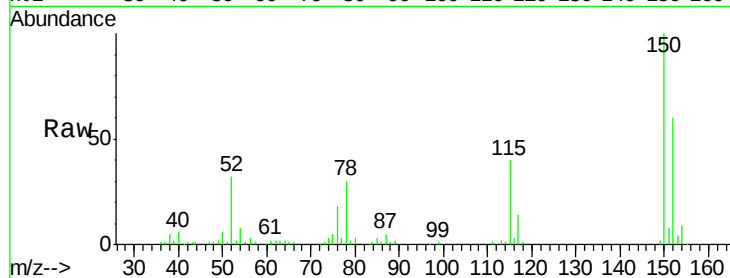
Tgt Ion:152 Resp: 45630

Ion Ratio Lower Upper

152 100

150 165.7 128.7 193.1

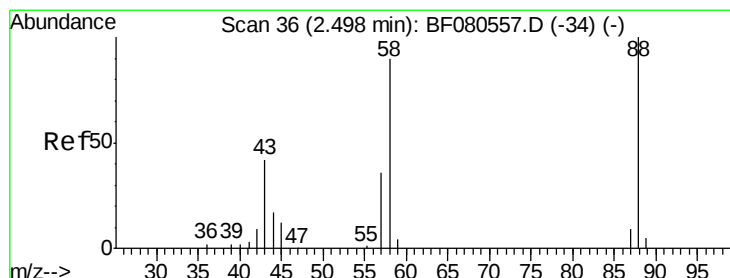
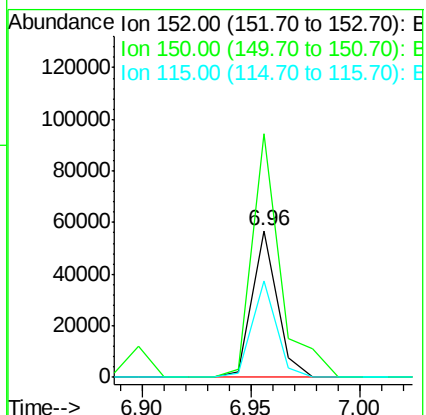
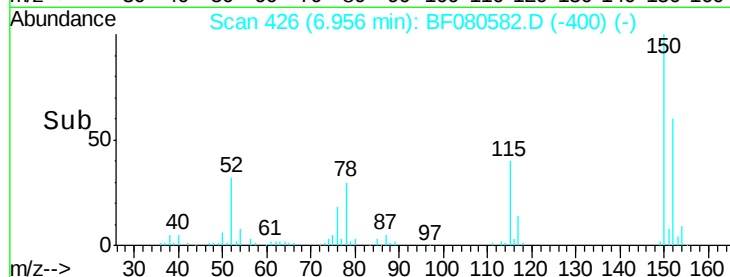
115 65.7 56.8 85.2



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: 15.30 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.01 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

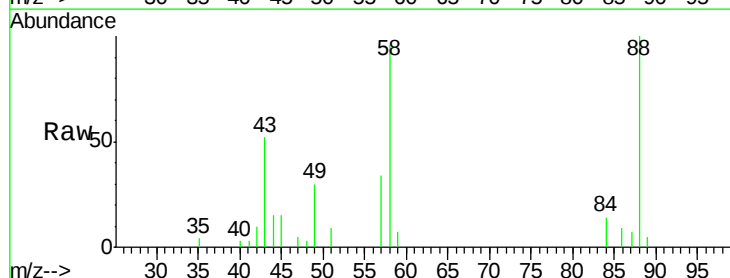
Tgt Ion: 88 Resp: 20465

Ion Ratio Lower Upper

88 100

58 102.5 0.0 0.0#

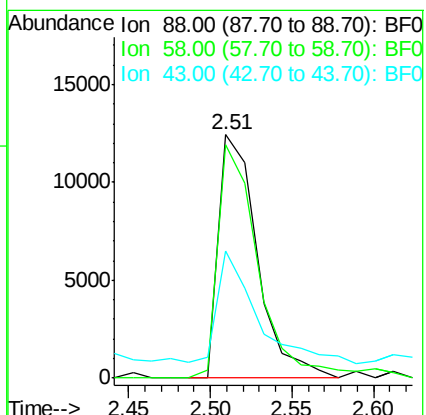
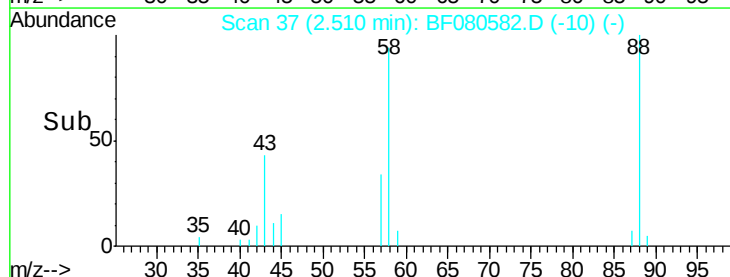
43 46.2 0.0 0.0#

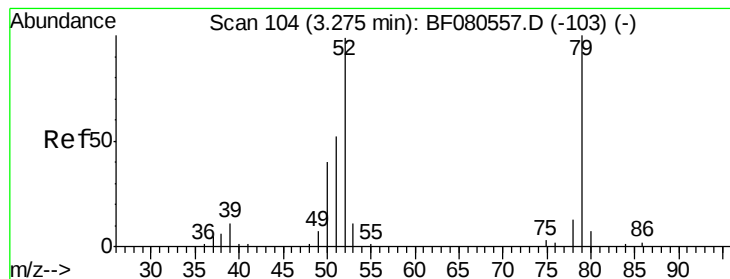


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 15.32 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

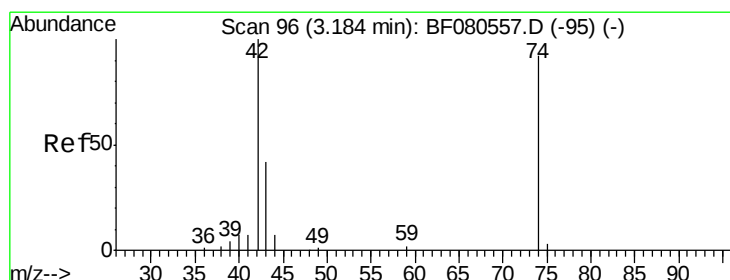
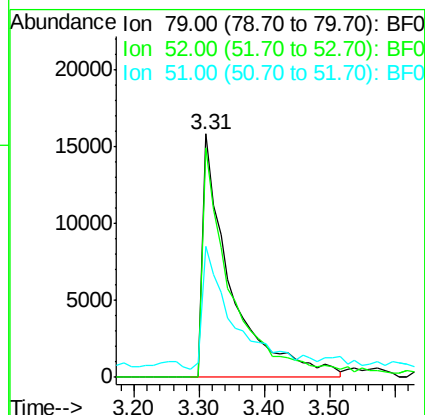
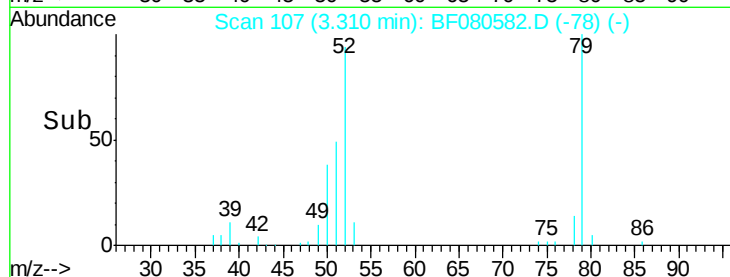
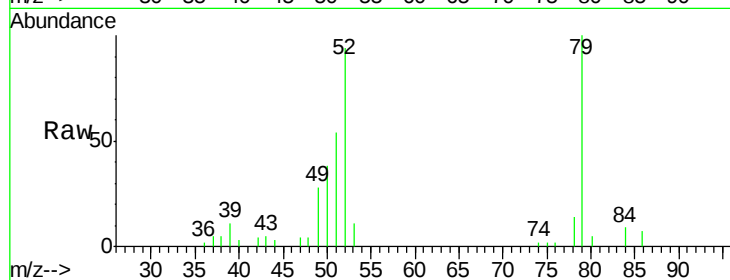
Tgt Ion: 79 Resp: 47582

Ion Ratio Lower Upper

79 100

52 94.3 79.6 119.4

51 53.9 44.5 66.7



#4

n-Nitrosodimethylamine

Concen: 16.09 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.02 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

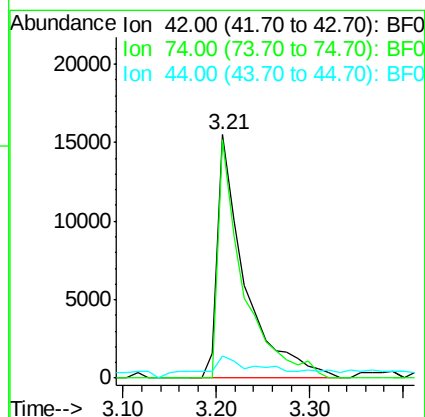
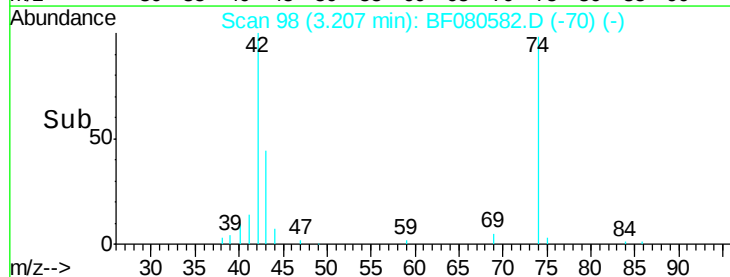
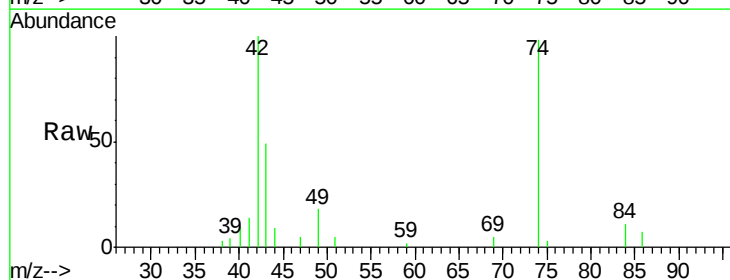
Tgt Ion: 42 Resp: 31564

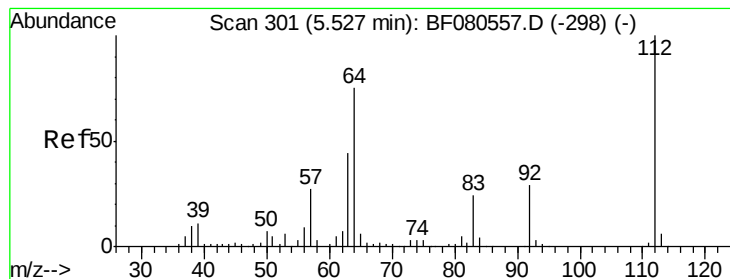
Ion Ratio Lower Upper

42 100

74 98.2 72.6 108.8

44 9.4 10.4 15.6#





#5

2-Fluorophenol

Concen: 56.84 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

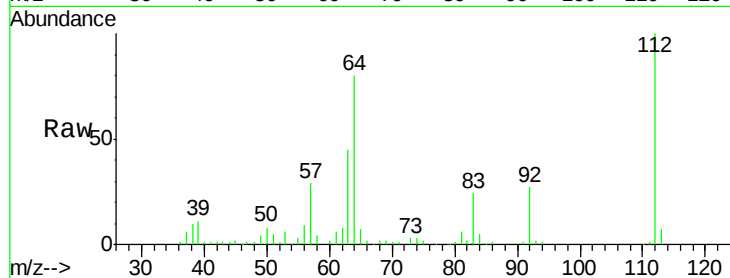
Instrument :

BNA_F

ClientSampleId :

MW-2MS

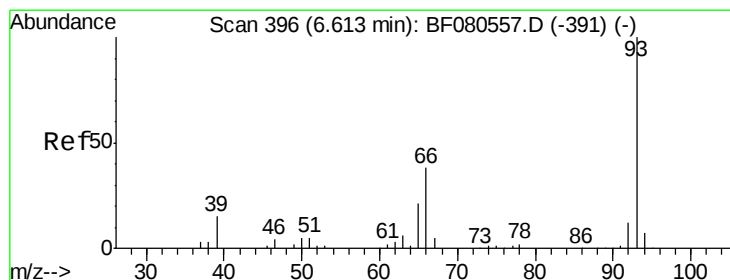
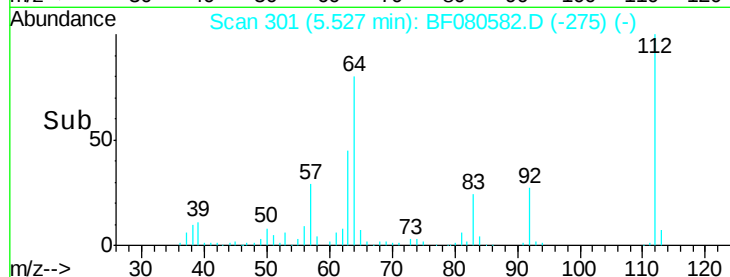
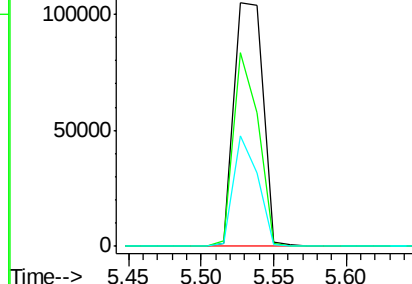
Tgt Ion:	112	Resp:	146254
Ion	Ratio	Lower	Upper
112	100		
64	79.6	60.2	90.2
63	45.2	34.8	52.2



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: 19.57 ng

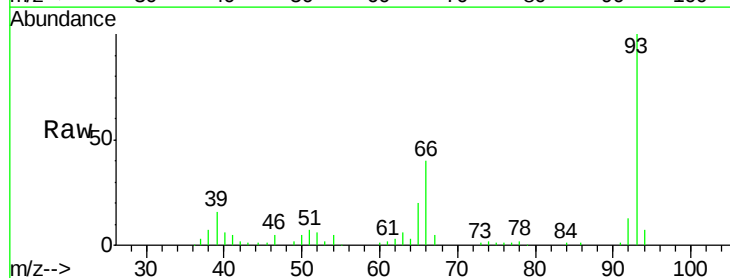
RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

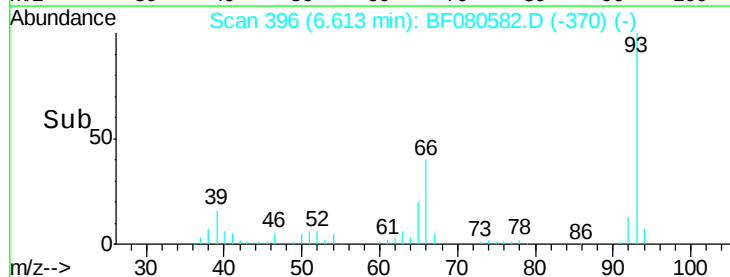
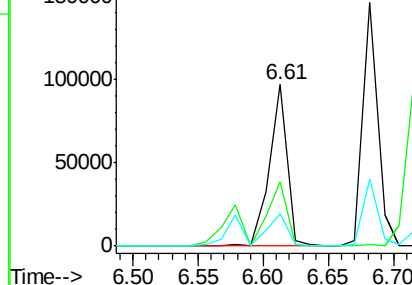
Tgt Ion:	93	Resp:	92909
Ion	Ratio	Lower	Upper
93	100		
66	40.1	33.1	49.7
65	20.4	17.2	25.8

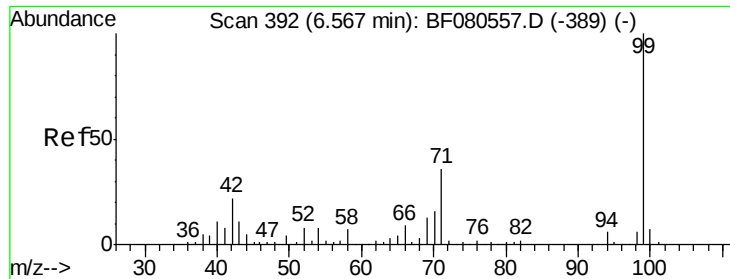


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 35.16 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampled :

MW-2MS

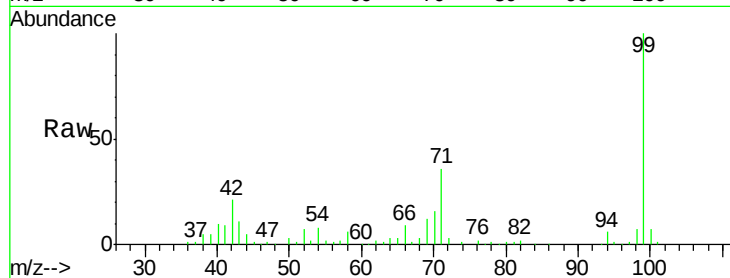
Tgt Ion: 99 Resp: 111408

Ion Ratio Lower Upper

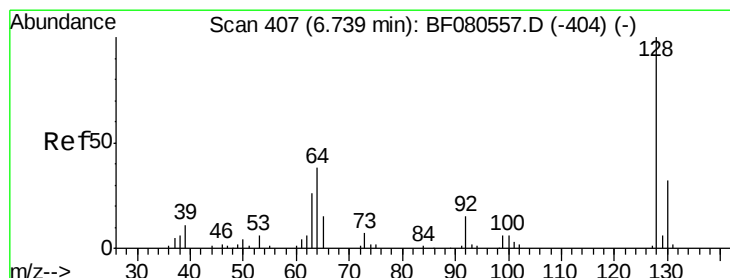
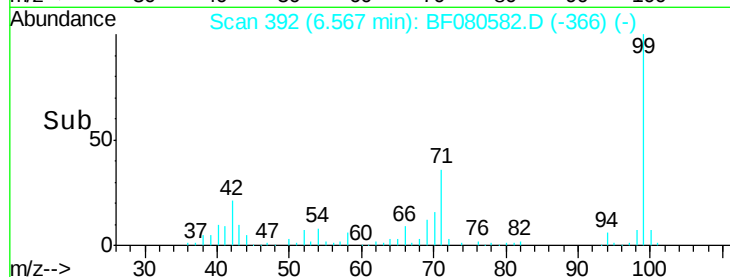
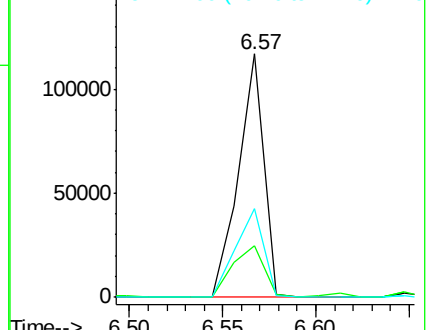
99 100

42 21.2 17.4 26.2

71 36.5 29.0 43.6



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: 32.02 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

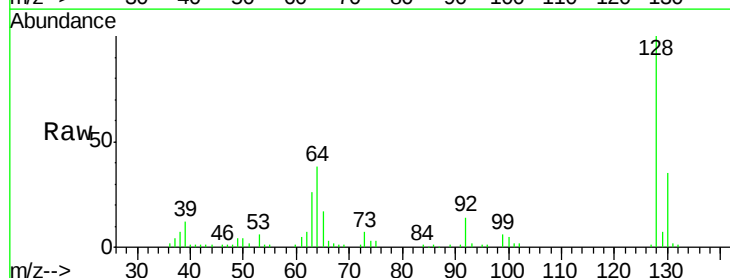
Tgt Ion: 128 Resp: 86289

Ion Ratio Lower Upper

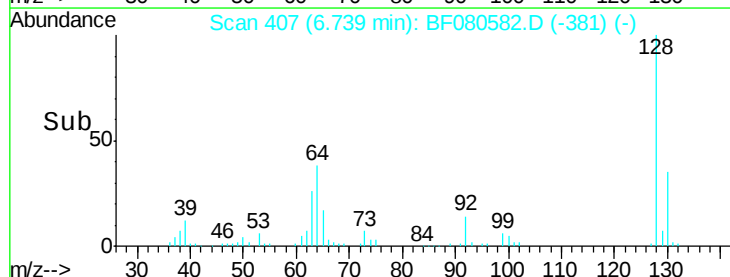
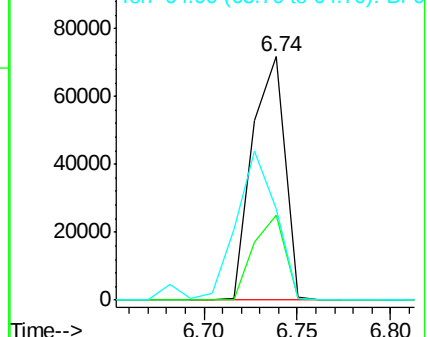
128 100

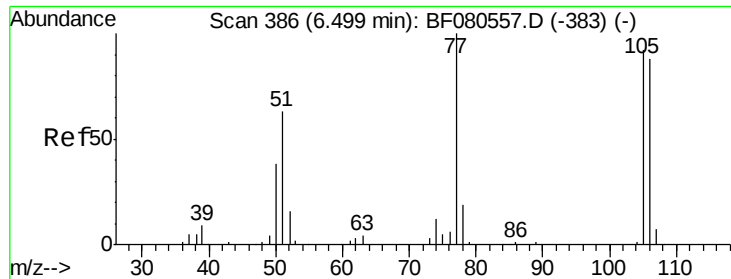
130 34.8 11.8 51.8

64 37.5 20.2 60.2



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: 16.71 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

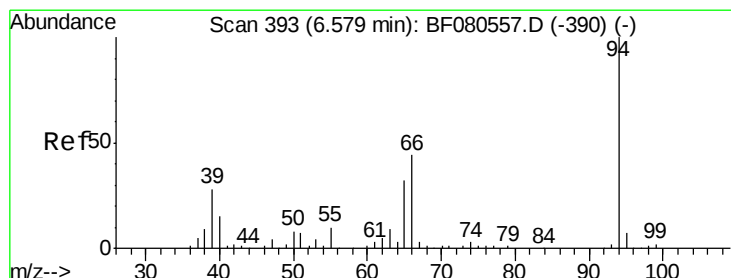
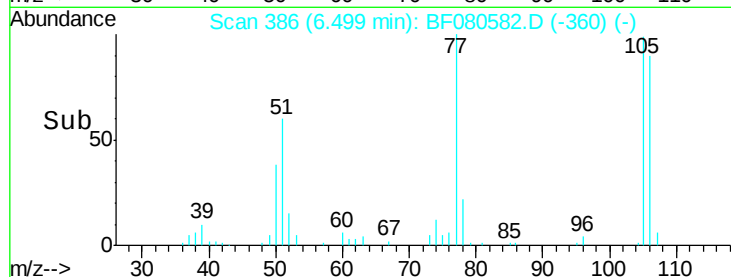
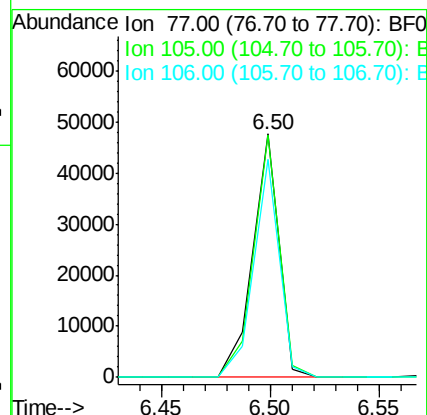
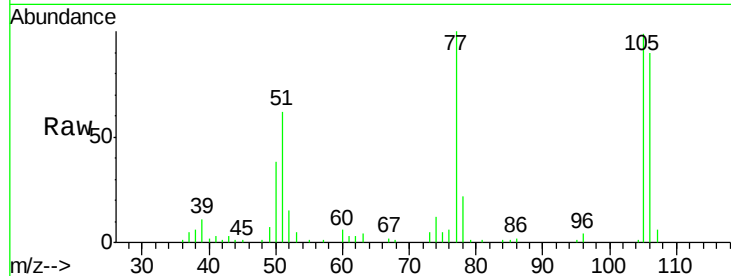
Tgt Ion: 77 Resp: 39838

Ion Ratio Lower Upper

77 100

105 99.5 72.3 112.3

106 89.8 67.5 107.5



#10

Phenol

Concen: 12.69 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

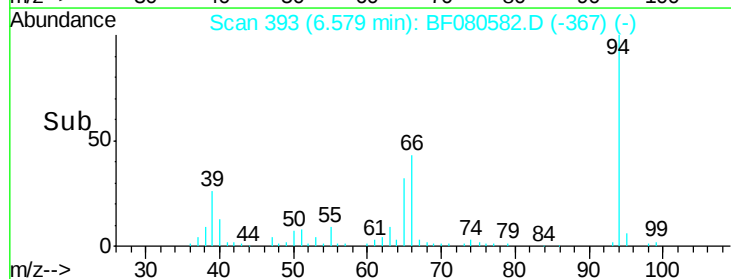
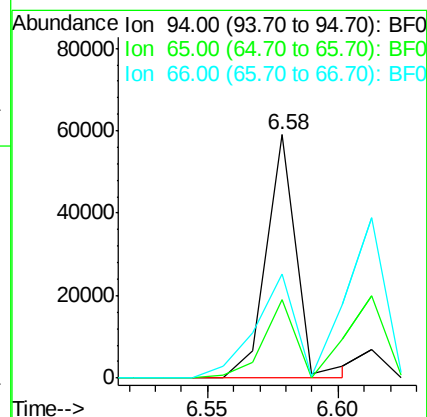
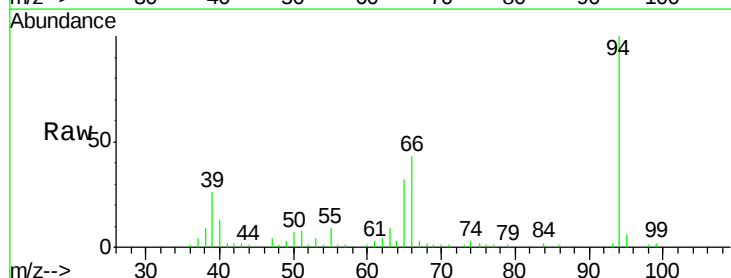
Tgt Ion: 94 Resp: 47843

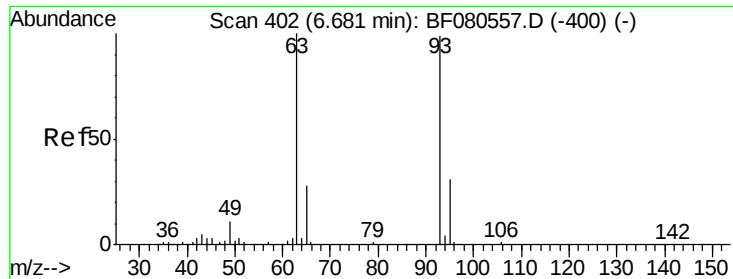
Ion Ratio Lower Upper

94 100

65 32.3 12.1 52.1

66 42.6 24.3 64.3

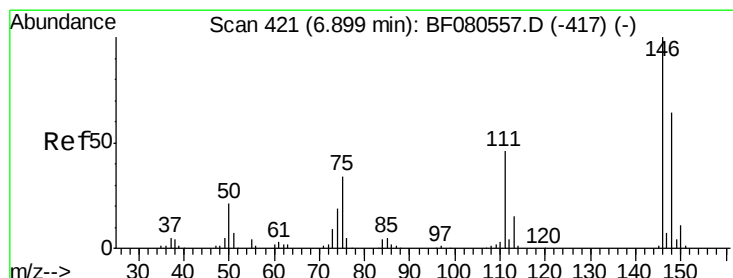
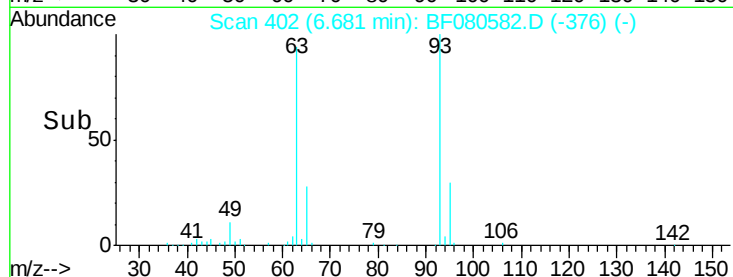
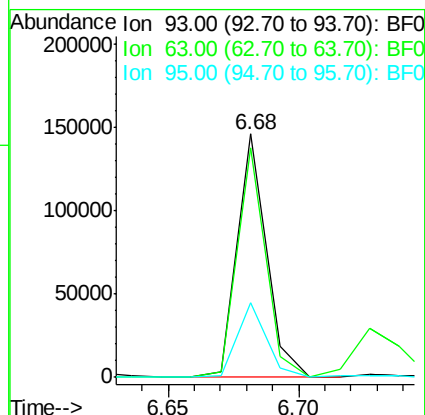
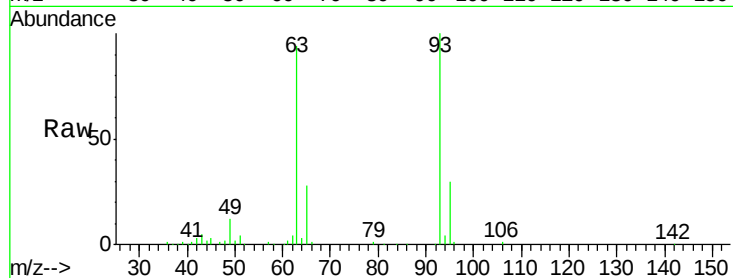




#11
bis(2-Chloroethyl)ether
Concen: 42.36 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

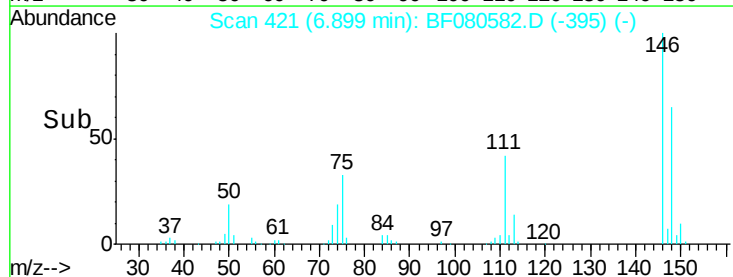
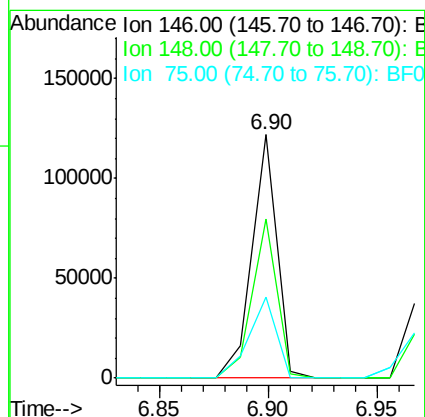
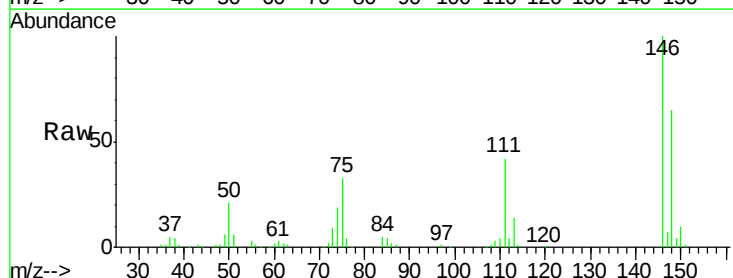
Instrument :
BNA_F
ClientSampleId :
MW-2MS

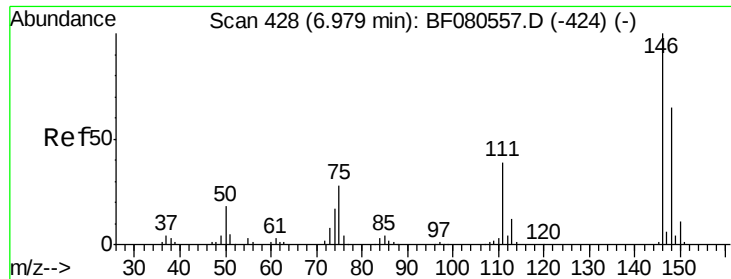
Tgt Ion: 93 Resp: 114662
Ion Ratio Lower Upper
93 100
63 94.1 80.5 120.5
95 30.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 27.87 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Tgt Ion: 146 Resp: 97152
Ion Ratio Lower Upper
146 100
148 65.3 50.9 76.3
75 33.2 27.1 40.7

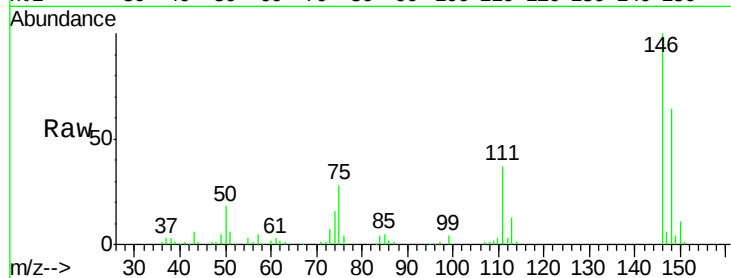




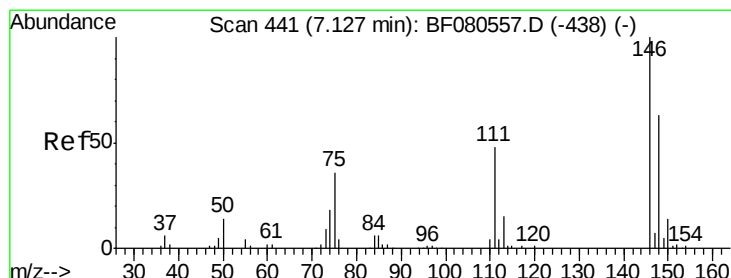
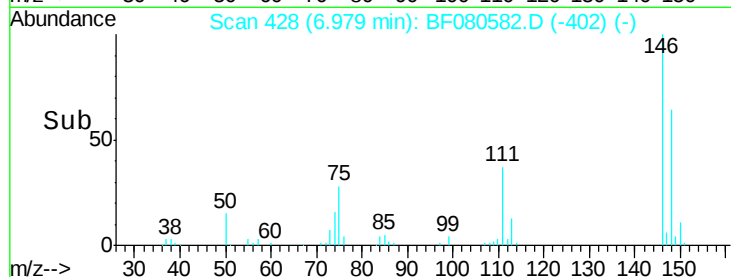
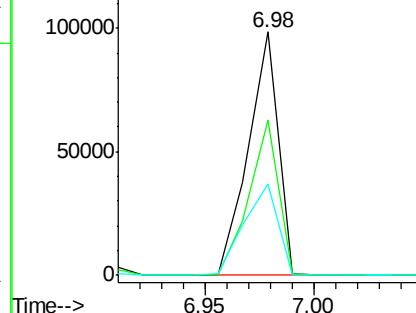
#13
 1,4-Dichlorobenzene
 Concen: 28.25 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

Tgt Ion:146 Resp: 93812
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 37.3 31.4 47.2

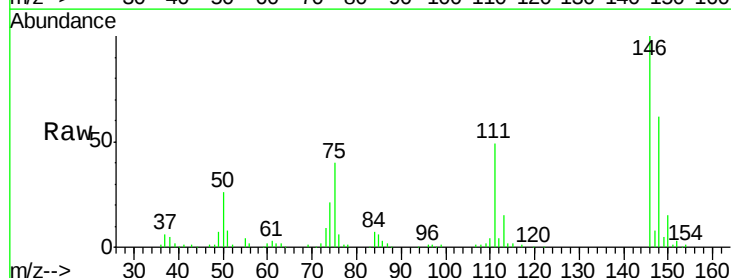


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

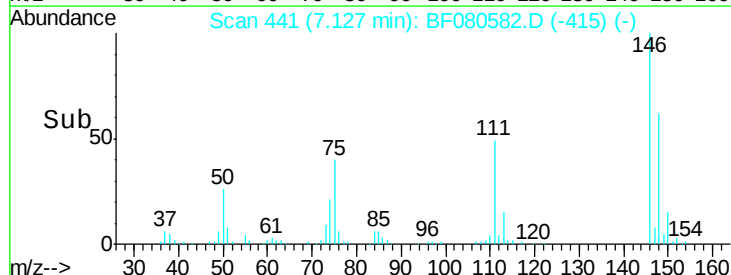
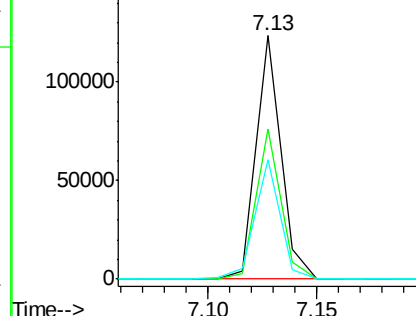


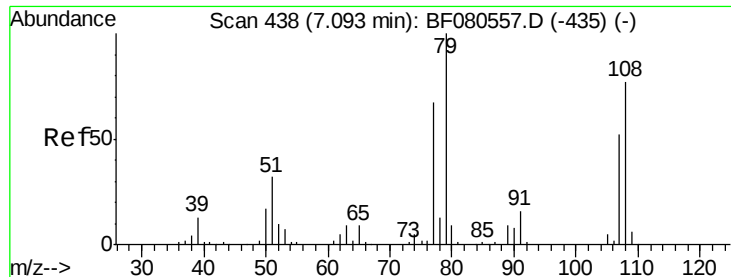
#14
 1,2-Dichlorobenzene
 Concen: 30.48 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion:146 Resp: 97634
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.3 75.5
 111 49.1 38.2 57.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.91 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

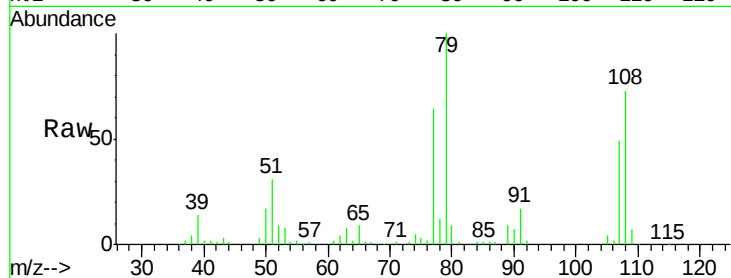
Tgt Ion: 79 Resp: 81107

Ion Ratio Lower Upper

79 100

108 72.7 61.5 92.3

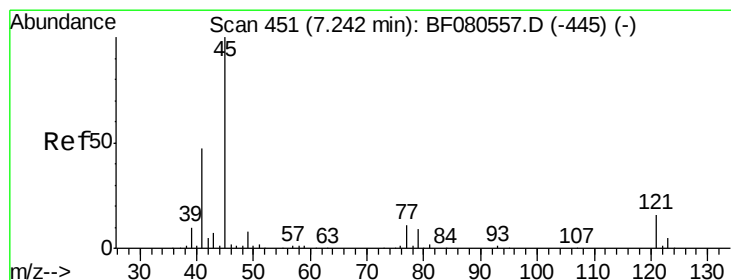
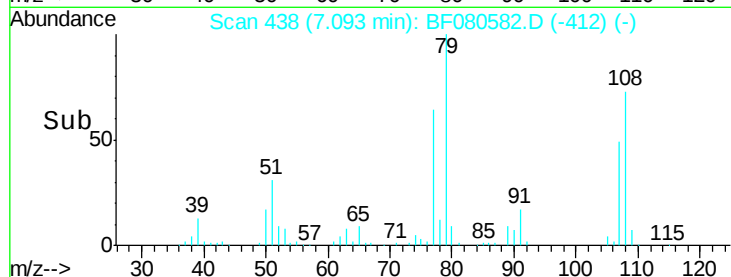
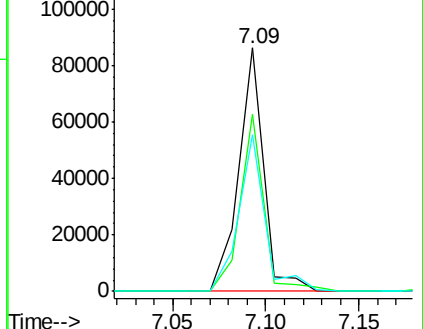
77 64.1 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.11 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

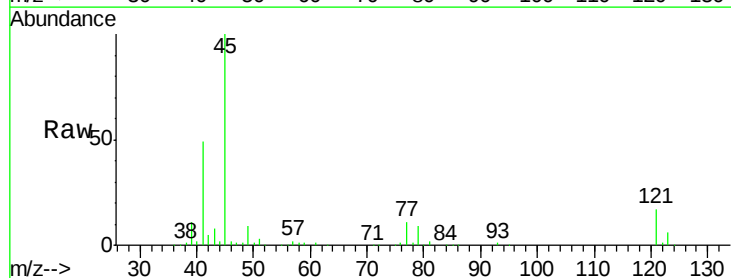
Tgt Ion: 45 Resp: 216028

Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.8

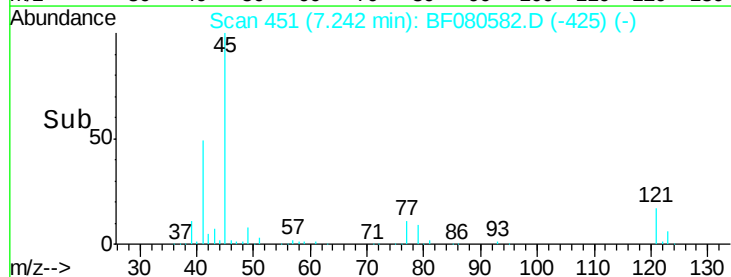
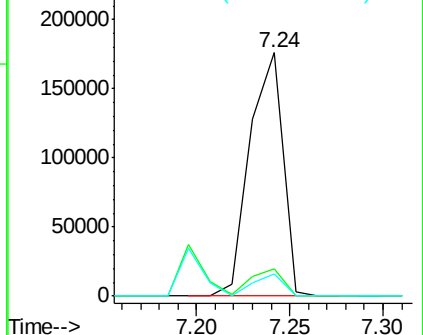
79 9.0 0.0 28.6

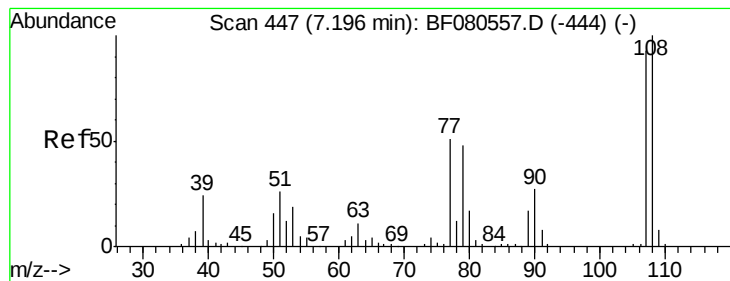


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

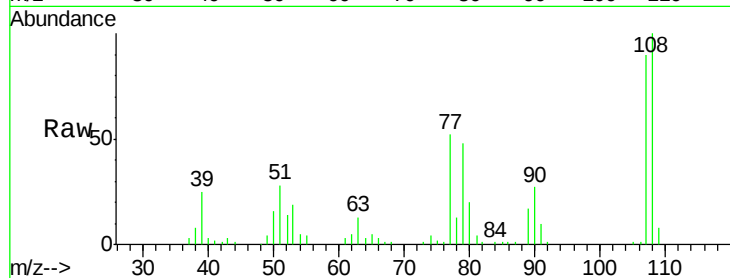




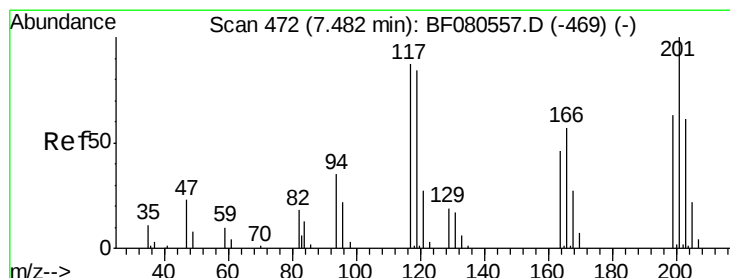
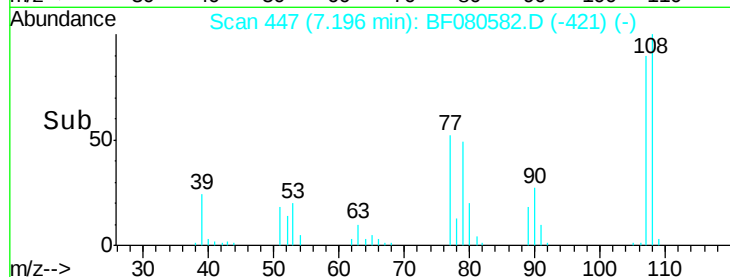
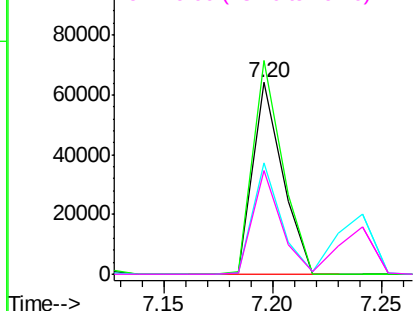
#17
2-Methylphenol
Concen: 26.61 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Instrument :
BNA_F
ClientSampleId :
MW-2MS

Tgt Ion:107 Resp: 61157
Ion Ratio Lower Upper
107 100
108 111.6 86.0 129.0
77 58.3 43.4 65.2
79 53.9 41.2 61.8

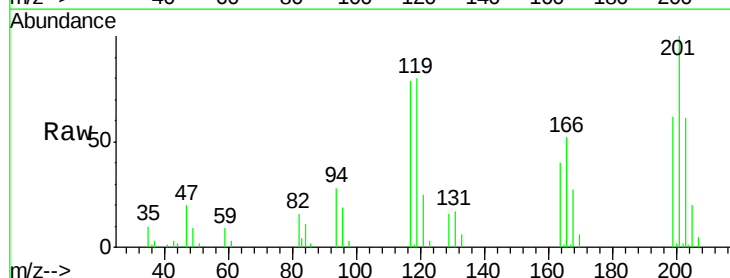


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

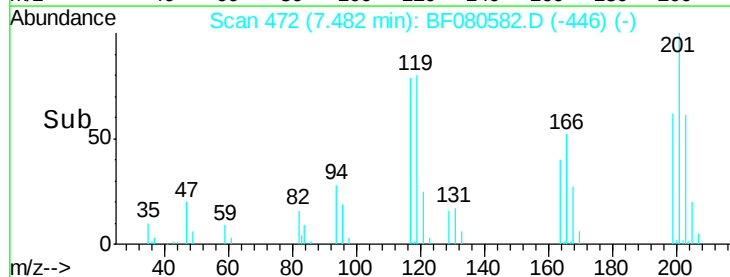
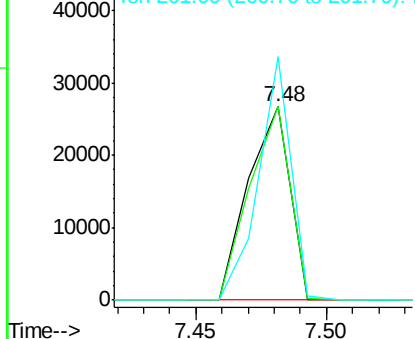


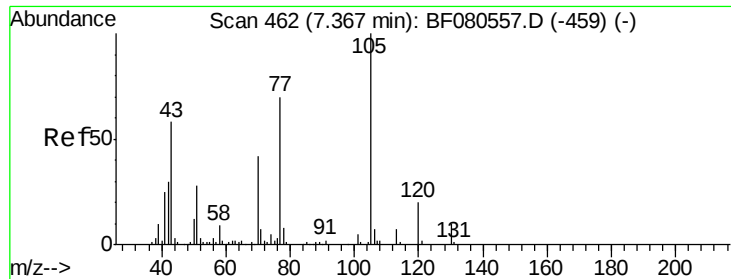
#18
Hexachloroethane
Concen: 25.53 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Tgt Ion:117 Resp: 29890
Ion Ratio Lower Upper
117 100
119 100.4 76.5 114.7
201 125.8 91.6 137.4



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

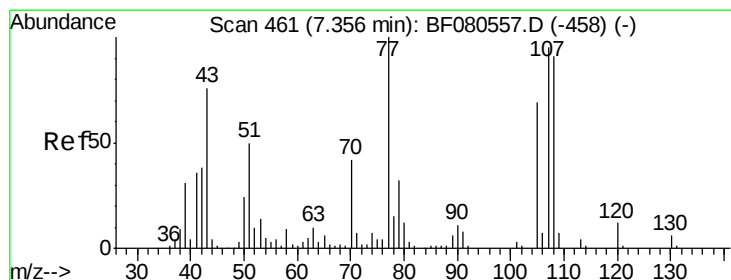
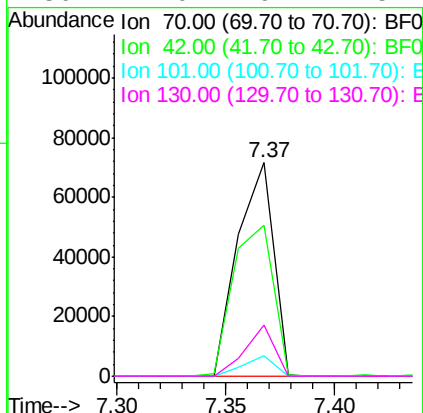
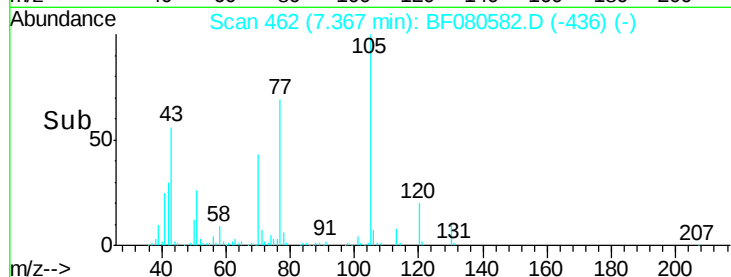
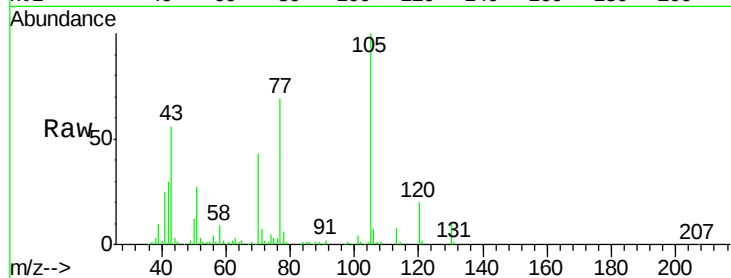




#19
n-Nitroso-di-n-propylamine
Concen: 40.29 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

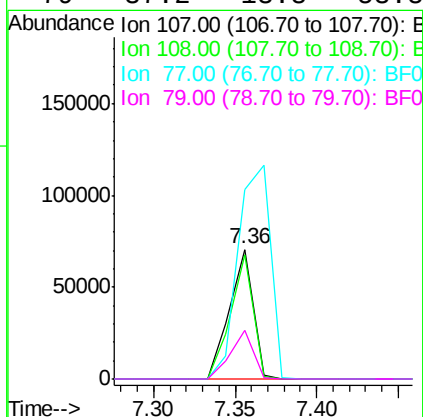
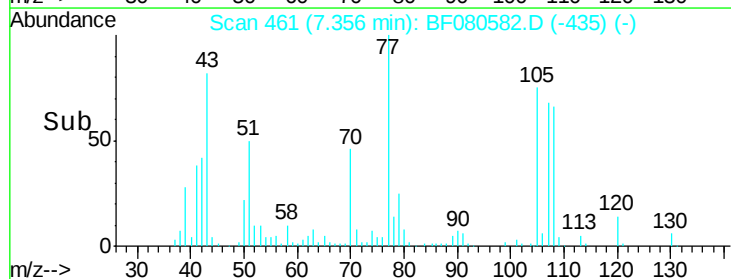
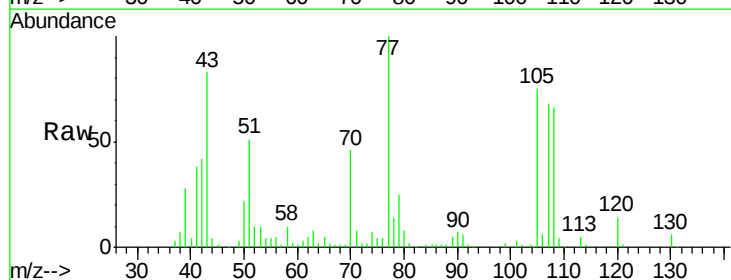
Instrument :
BNA_F
ClientSampleId :
MW-2MS

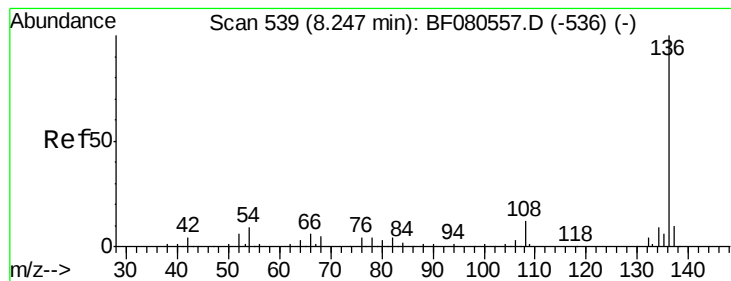
Tgt Ion: 70 Resp: 81998
Ion Ratio Lower Upper
70 100
42 70.5 56.6 85.0
101 9.8 9.7 14.5
130 24.0 19.1 28.7



#20
3+4-Methylphenols
Concen: 24.35 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Tgt Ion: 107 Resp: 70570
Ion Ratio Lower Upper
107 100
108 96.3 75.6 115.6
77 146.1 84.7 124.7#
79 37.2 13.8 53.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

Tgt Ion:136 Resp: 172415

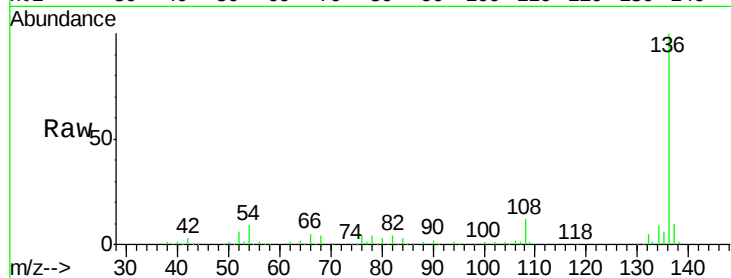
Ion Ratio Lower Upper

136 100

137 10.3 7.8 11.8

54 8.7 7.2 10.8

68 4.3 3.8 5.6

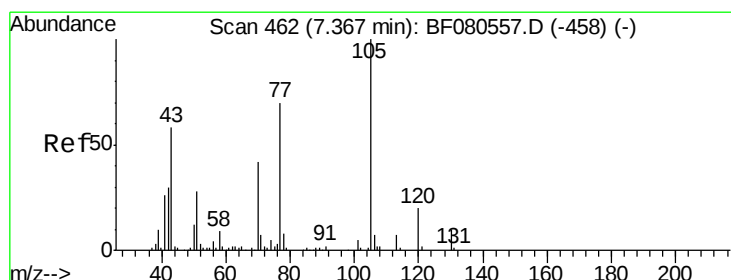
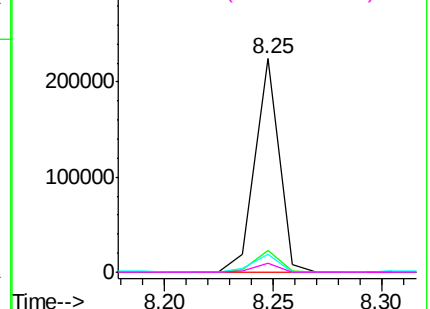
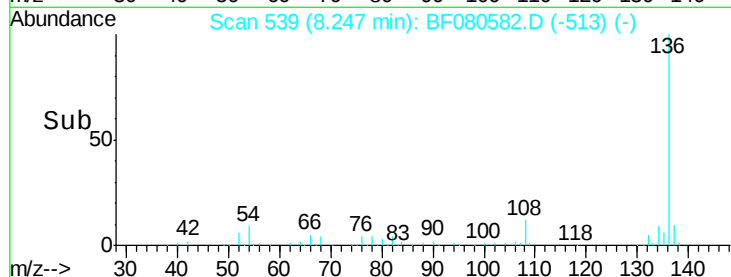


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.10 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Tgt Ion:105 Resp: 169204

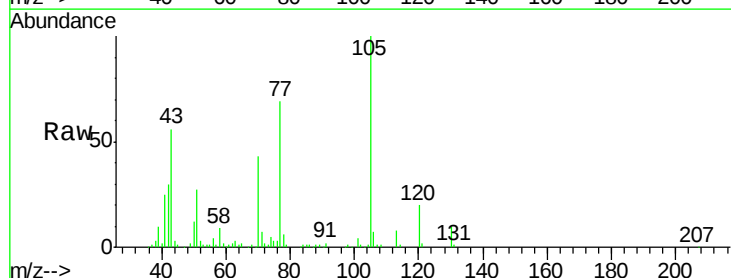
Ion Ratio Lower Upper

105 100

71 6.8 5.5 8.3

51 26.5 23.0 34.4

120 19.8 15.8 23.8

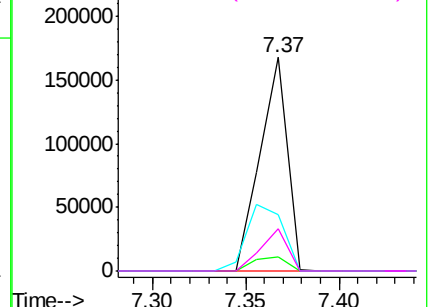
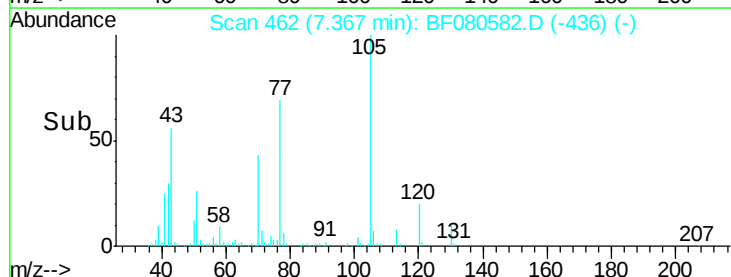


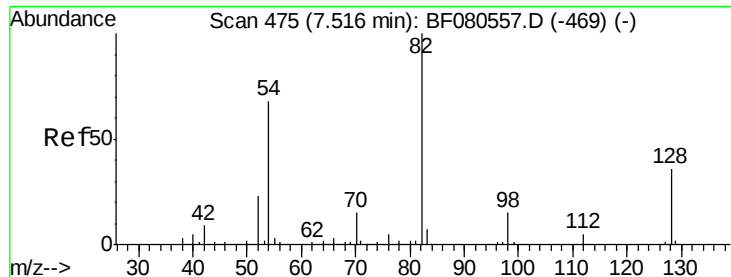
Abundance Ion 105.00 (104.70 to 105.70): E

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

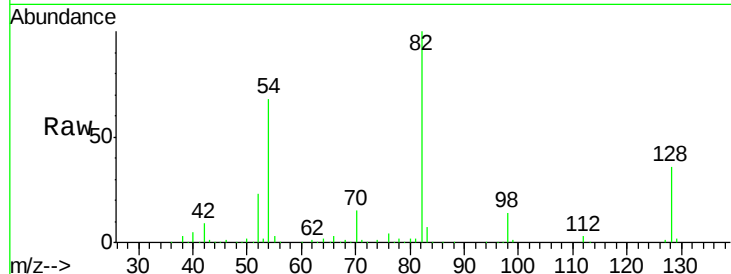




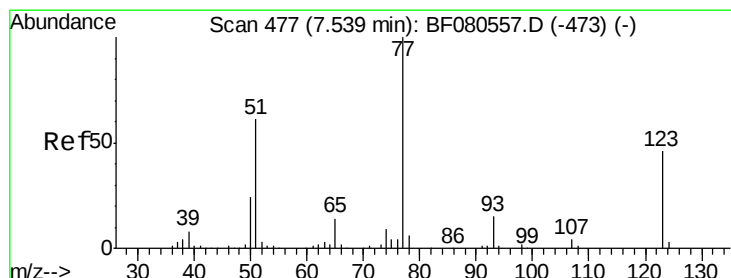
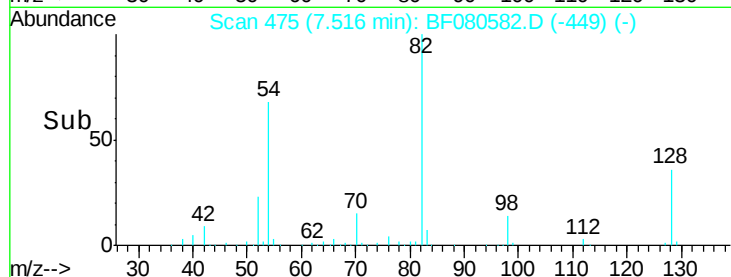
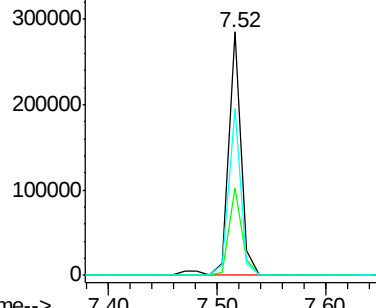
#23
 Nitrobenzene-d5
 Concen: 87.19 ng
 RT: 7.52 min Scan# 475
 Delta R.T. 0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.2	28.9	43.3
54	68.3	54.5	81.7

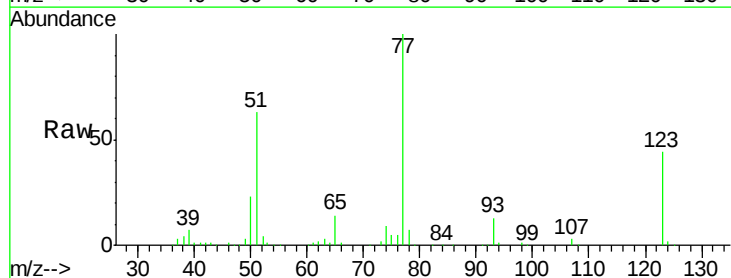


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

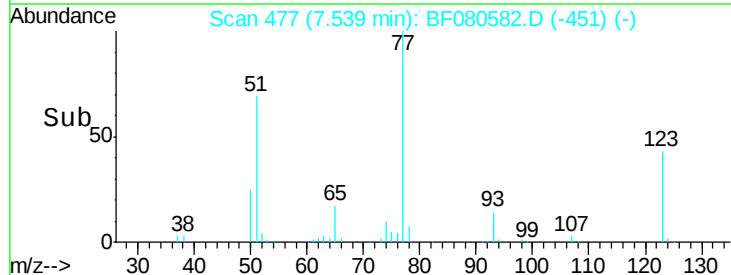
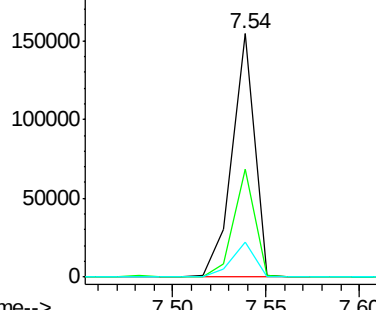


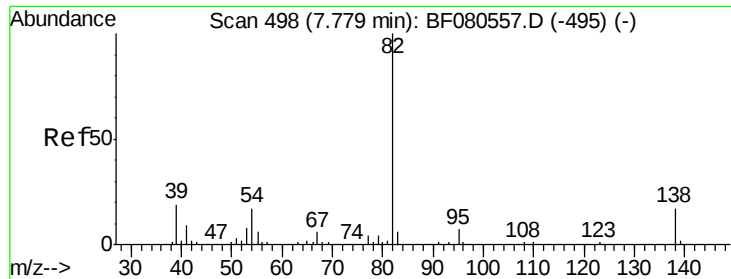
#24
 Nitrobenzene
 Concen: 39.87 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	37.1	55.7
65	14.5	11.4	17.2



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: 40.77 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

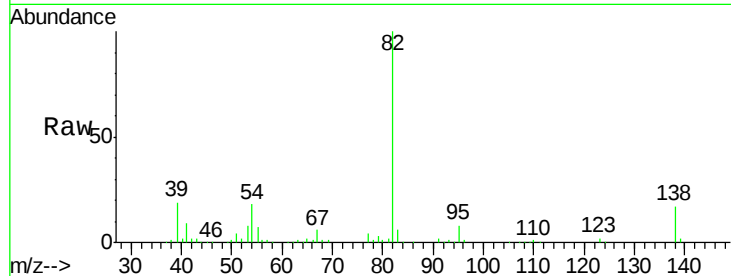
Tgt Ion: 82 Resp: 230509

Ion Ratio Lower Upper

82 100

95 8.0 5.9 8.9

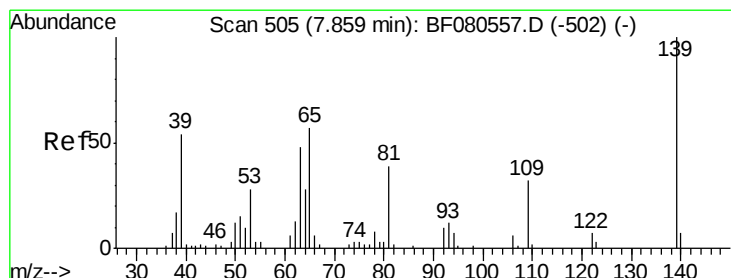
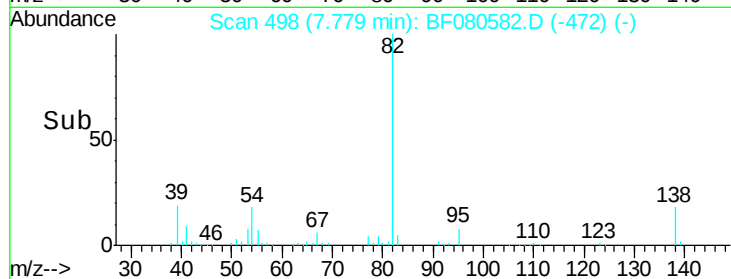
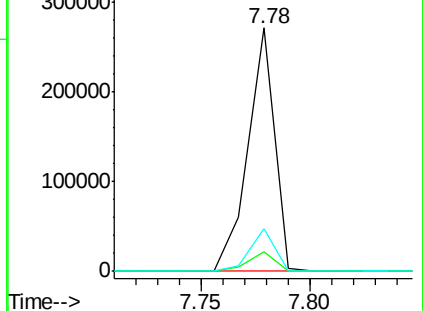
138 17.4 13.4 20.2



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: 50.52 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

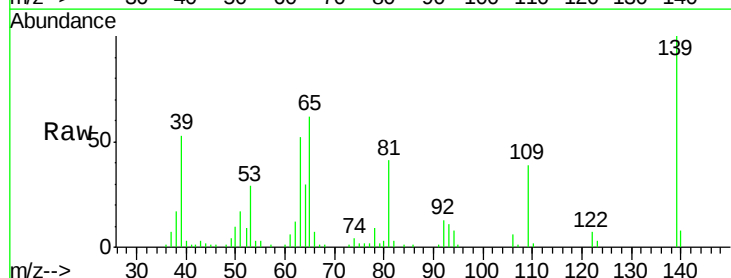
Tgt Ion: 139 Resp: 40923

Ion Ratio Lower Upper

139 100

109 39.2 26.0 39.0#

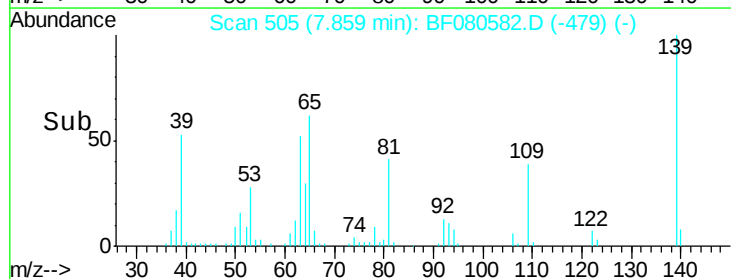
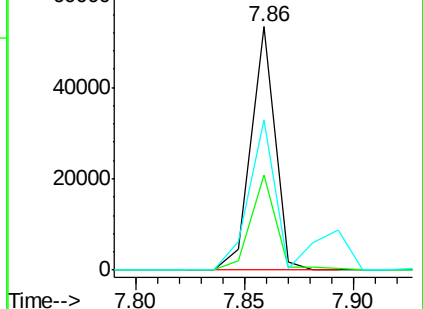
65 61.5 45.4 68.0

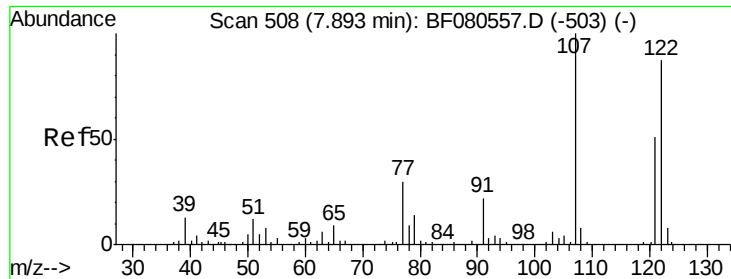


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

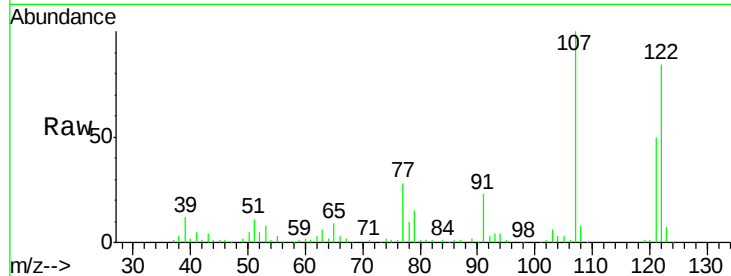




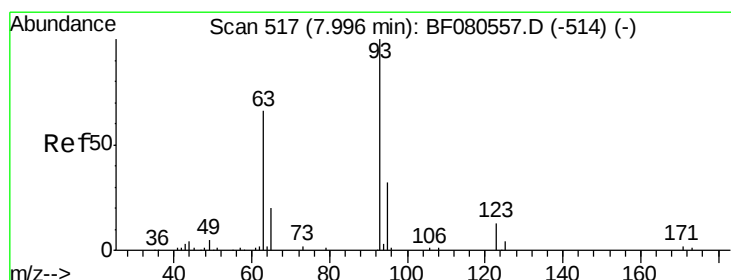
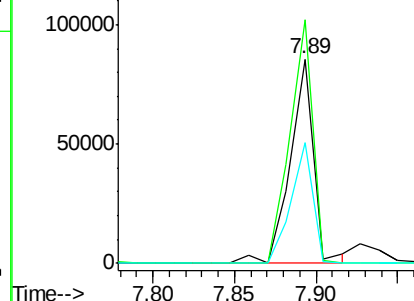
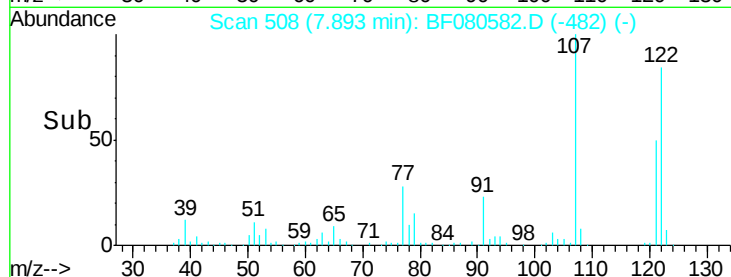
#27
 2,4-Dimethylphenol
 Concen: 35.84 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

Tgt Ion:122 Resp: 85796
 Ion Ratio Lower Upper
 122 100
 107 119.2 92.3 138.5
 121 59.0 47.1 70.7

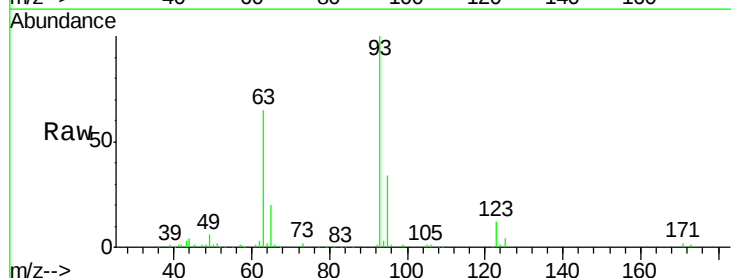


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

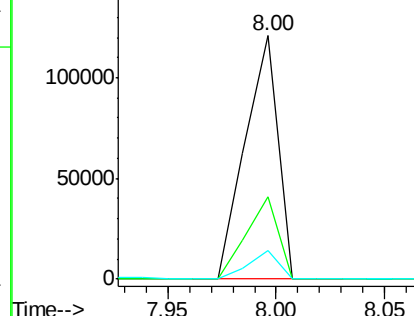
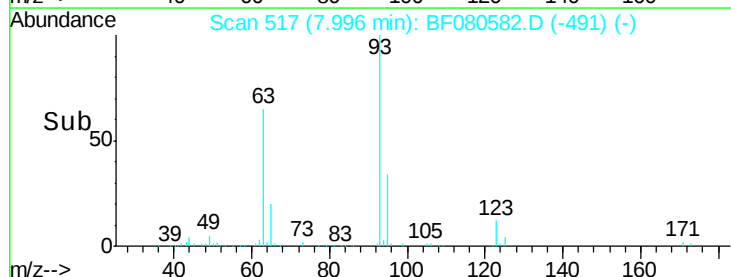


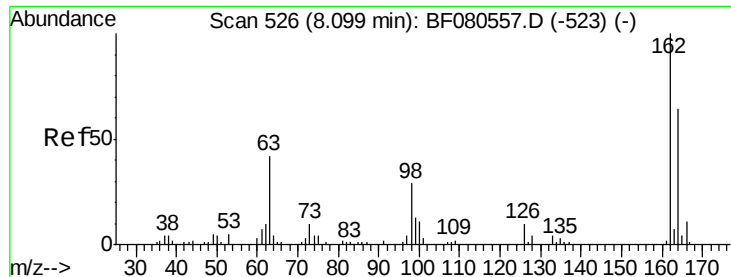
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion: 93 Resp: 125977
 Ion Ratio Lower Upper
 93 100
 95 33.6 25.9 38.9
 123 11.8 10.3 15.5



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

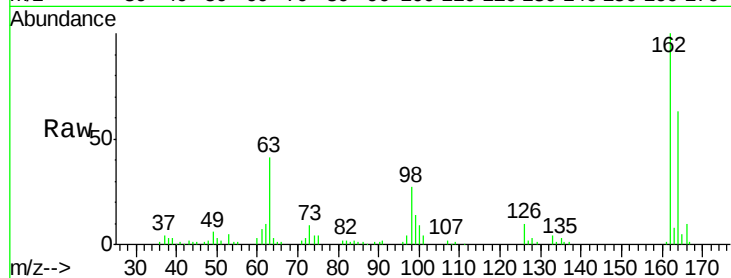




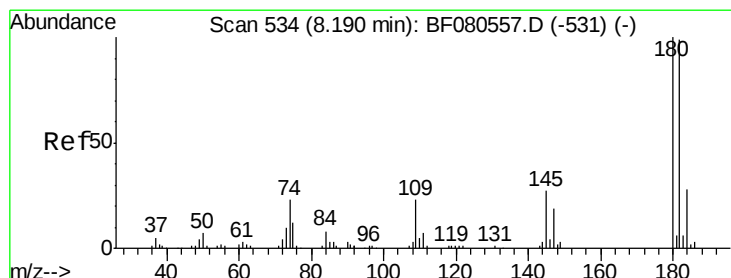
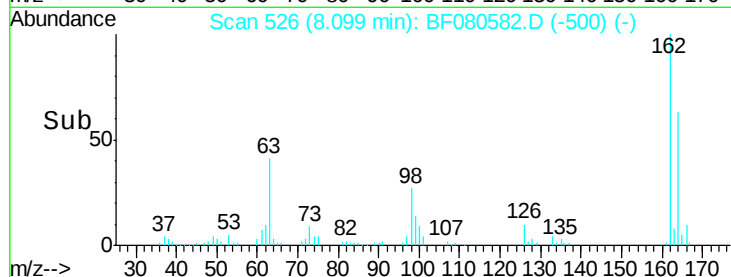
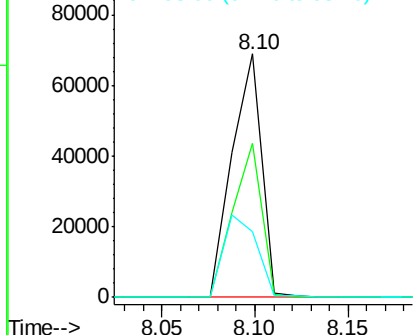
#29
 2,4-Dichlorophenol
 Concen: 39.91 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

Tgt Ion:162 Resp: 76350
 Ion Ratio Lower Upper
 162 100
 164 63.2 44.1 84.1
 98 27.2 8.9 48.9

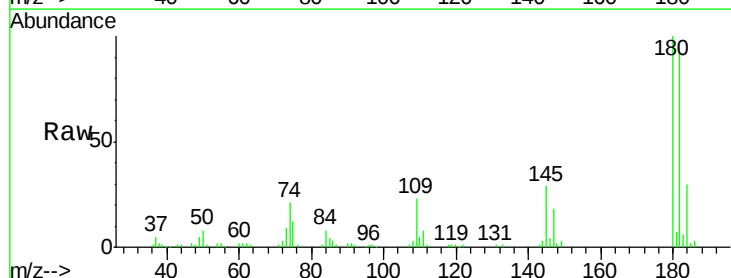


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

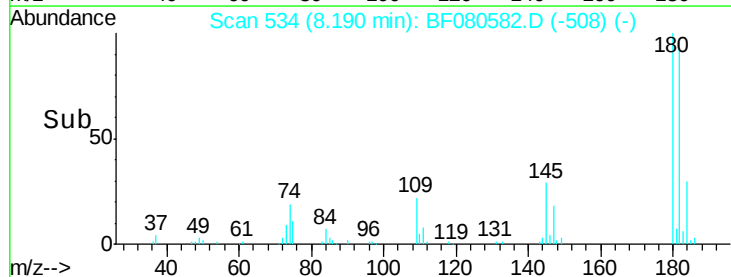
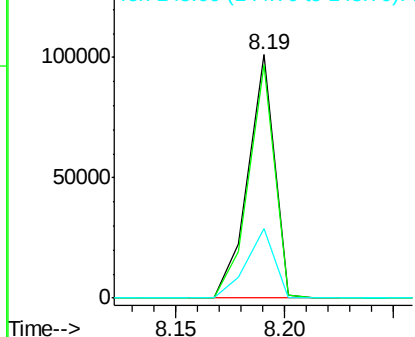


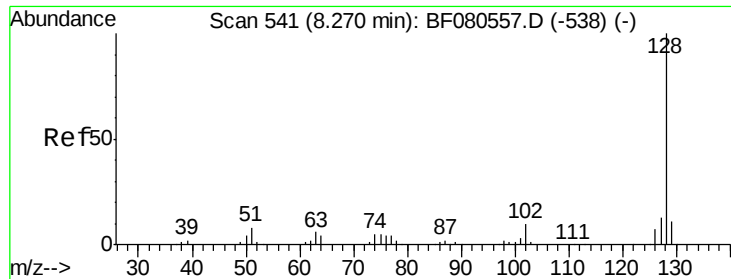
#30
 1,2,4-Trichlorobenzene
 Concen: 32.02 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion:180 Resp: 85656
 Ion Ratio Lower Upper
 180 100
 182 96.0 79.0 118.4
 145 28.5 22.0 33.0



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

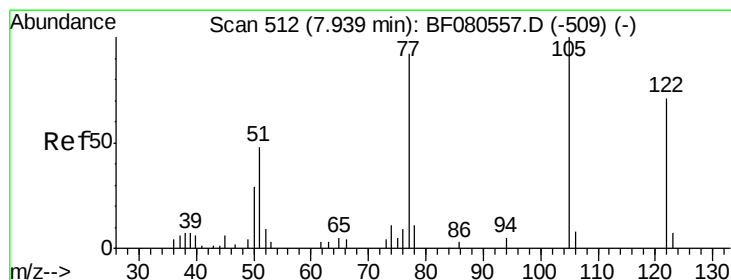
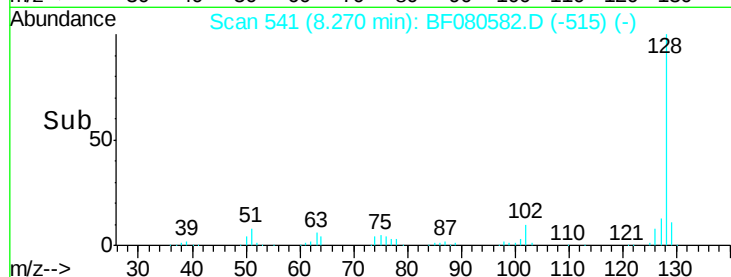
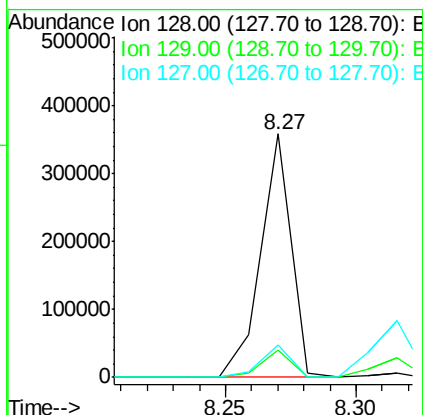
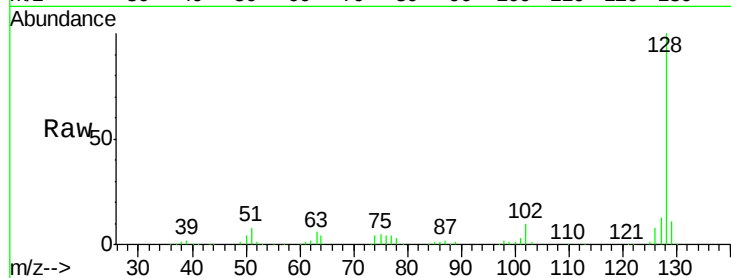




#31
Naphthalene
Concen: 34.23 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

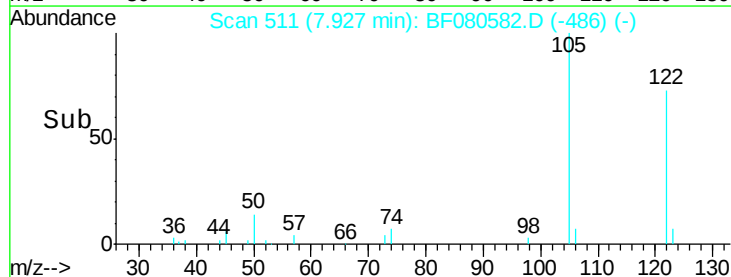
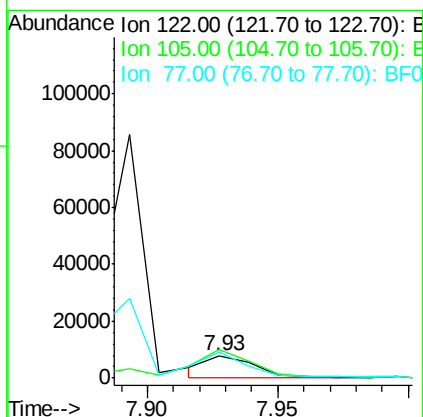
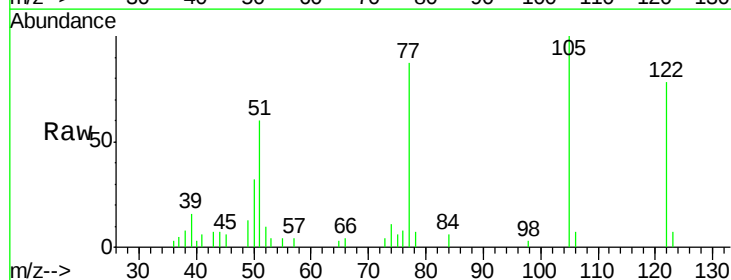
Instrument :
BNA_F
ClientSampleId :
MW-2MS

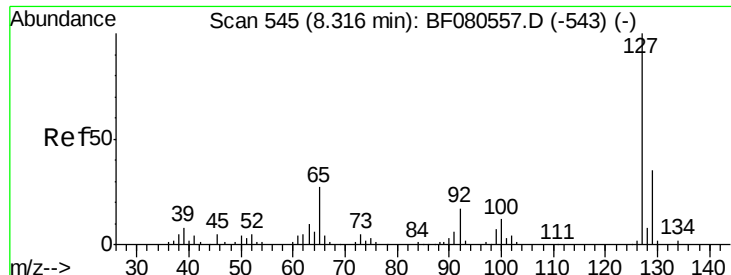
Tgt Ion:128 Resp: 293081
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 20.90 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Tgt Ion:122 Resp: 10528
Ion Ratio Lower Upper
122 100
105 128.1 112.5 152.5
77 112.0 102.5 142.5

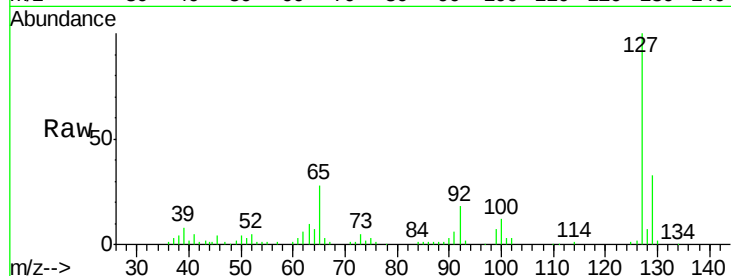




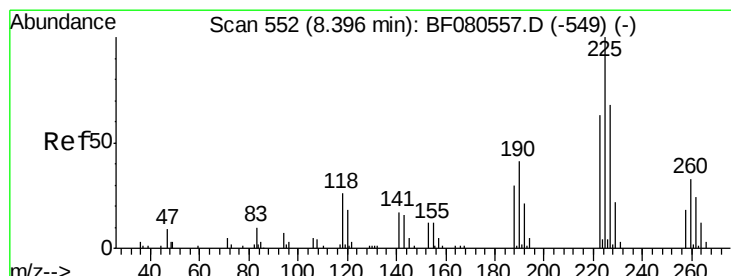
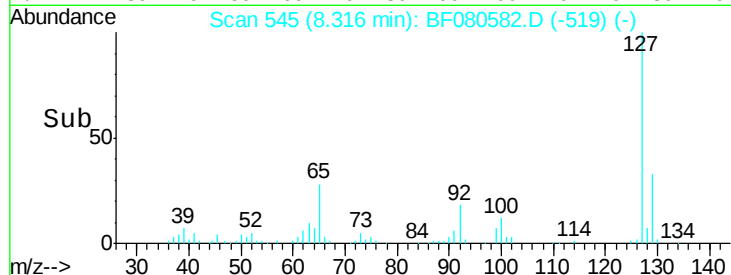
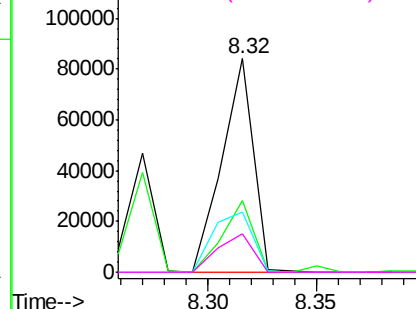
#33
4-Chloroaniline
Concen: 25.53 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Instrument :
BNA_F
ClientSampleId :
MW-2MS

Tgt Ion:	127	Resp:	84115
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.8	41.6
65	28.1	21.2	31.8
92	18.2	13.9	20.9

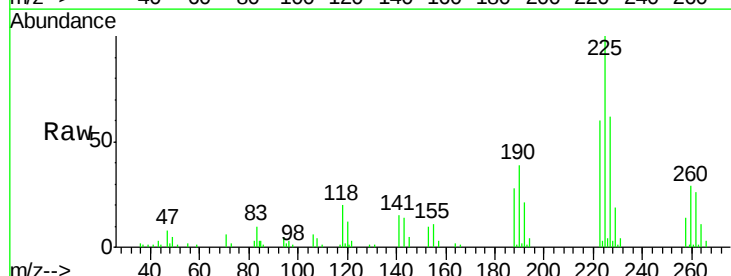


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

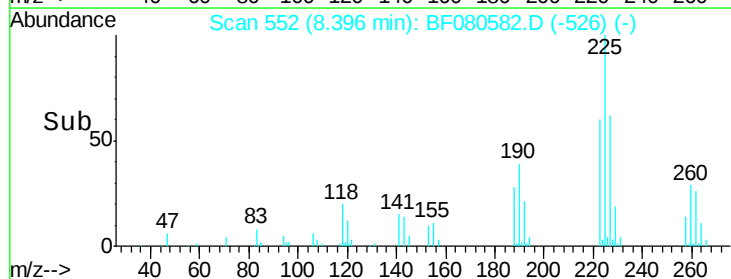
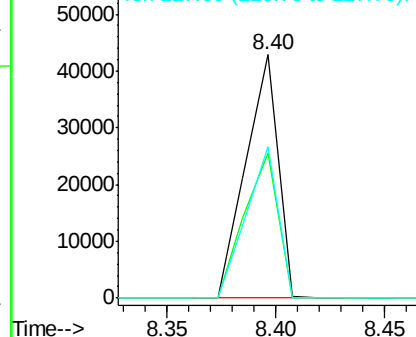


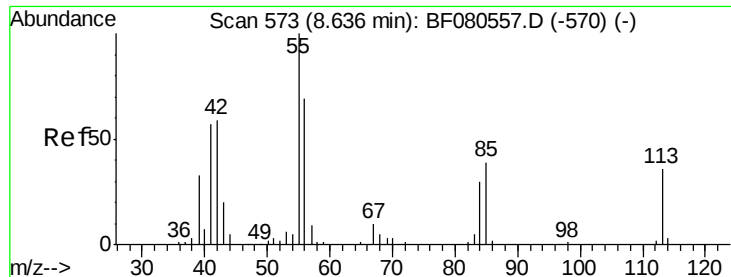
#34
Hexachlorobutadiene
Concen: 28.22 ng
RT: 8.40 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF080582.D
Acq: 23 Jul 2015 4:58

Tgt Ion:	225	Resp:	44088
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	62.4	54.5	81.7



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

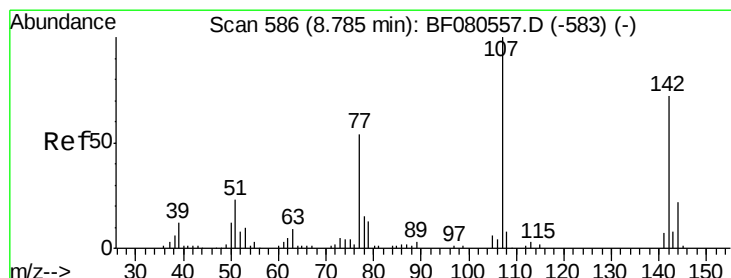
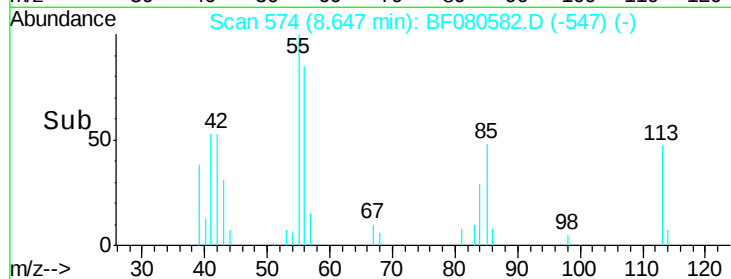
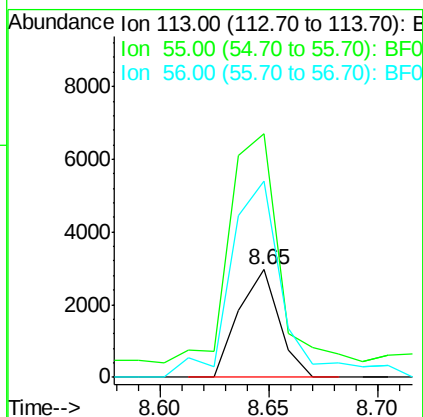
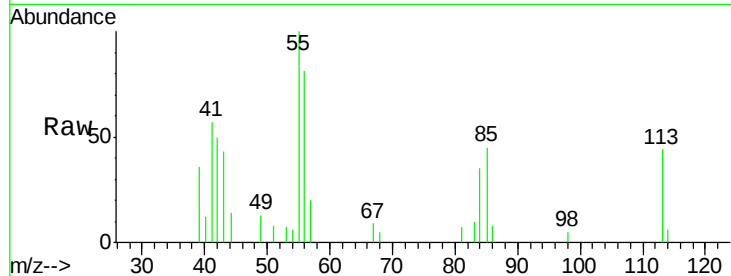




#35
 Caprolactam
 Concen: 7.06 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

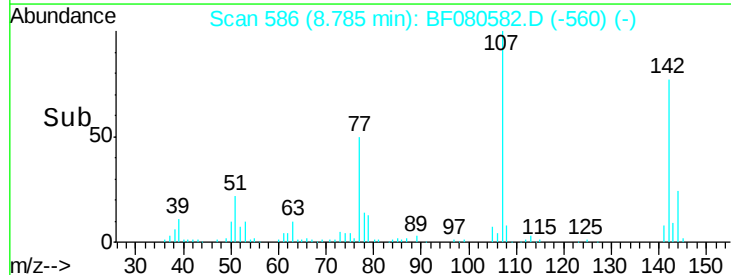
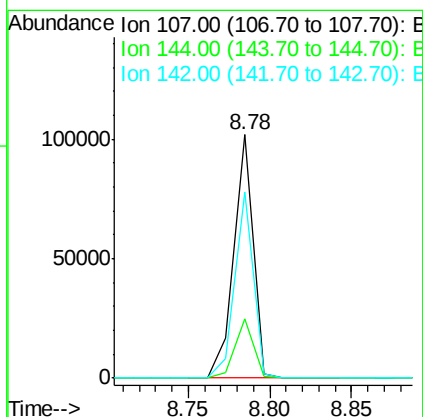
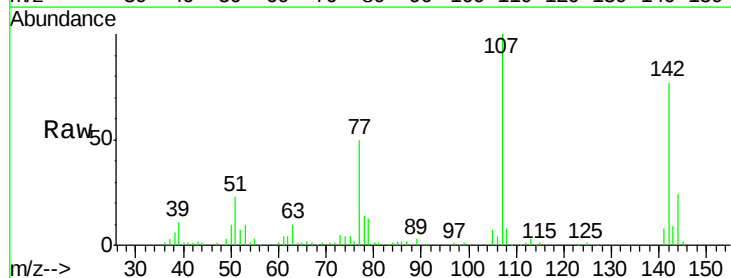
Instrument :
 BNA_F
 ClientSampleId :
 MW-2MS

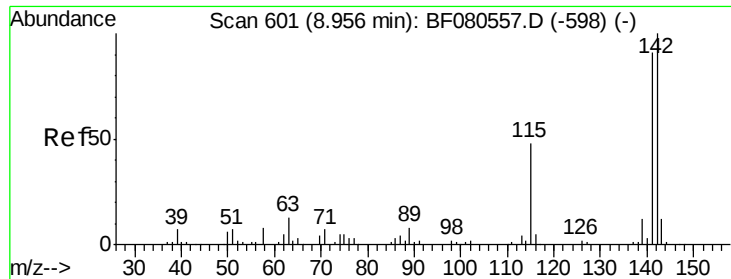
Tgt Ion:113 Resp: 3810
 Ion Ratio Lower Upper
 113 100
 55 226.4 259.3 299.3#
 56 182.5 171.6 211.6



#36
 4-Chloro-3-methylphenol
 Concen: 35.11 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion:107 Resp: 83070
 Ion Ratio Lower Upper
 107 100
 144 24.3 17.7 26.5
 142 76.7 57.7 86.5

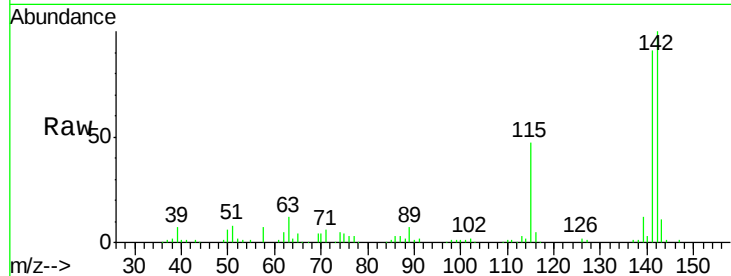




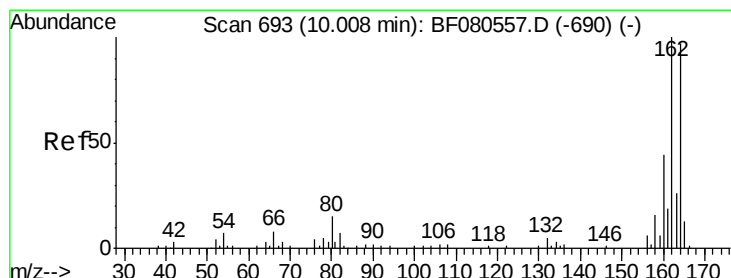
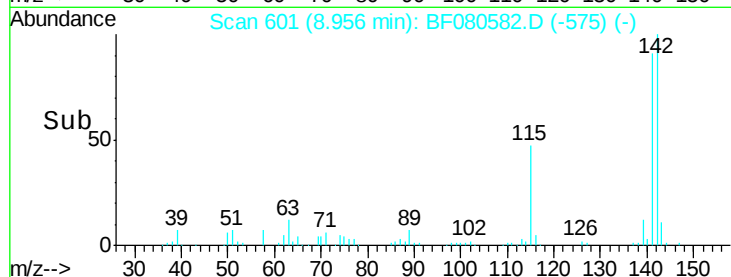
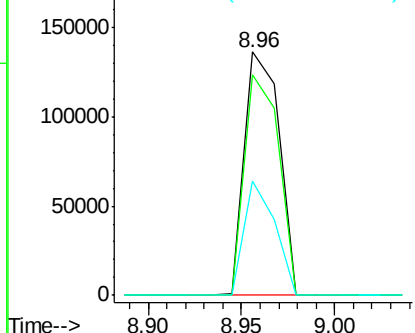
#37
 2-Methylnaphthalene
 Concen: 36.61 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Instrument :
 BNA_F
 ClientSampled :
 MW-2MS

Tgt Ion:142 Resp: 175550
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.6 109.0
 115 46.9 38.2 57.2

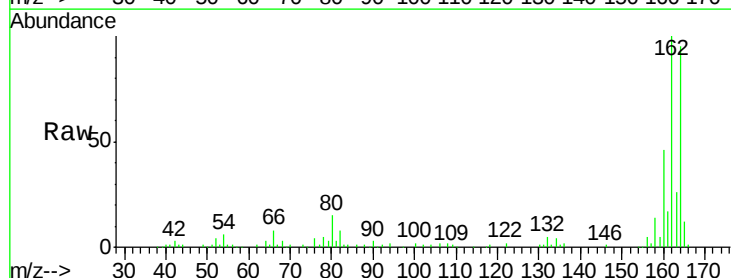


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

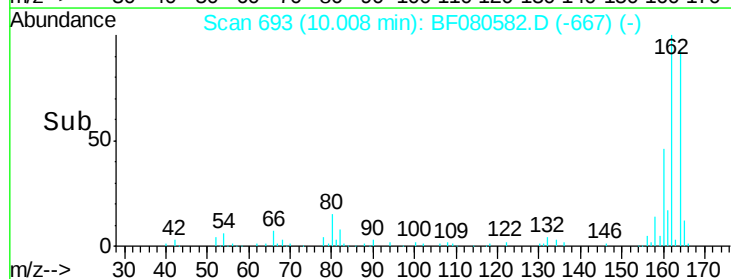
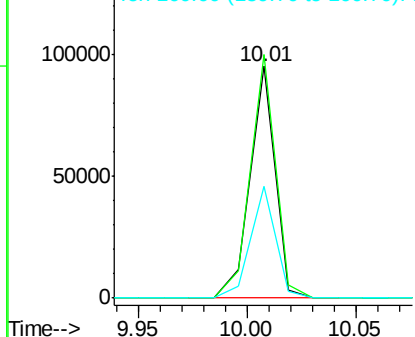


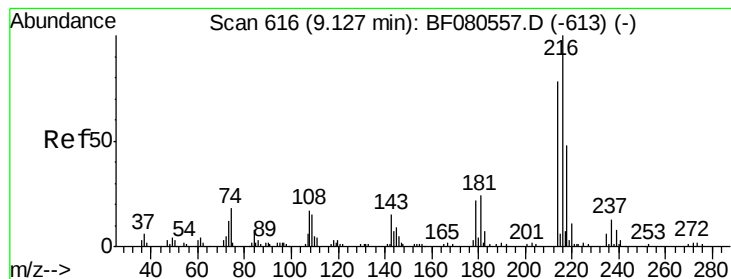
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080582.D
 Acq: 23 Jul 2015 4:58

Tgt Ion:164 Resp: 75669
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.2 123.4
 160 48.0 36.1 54.1



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: 35.61 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

Instrument :

BNA_F

ClientSampleId :

MW-2MS

Tgt Ion:216 Resp: 92381

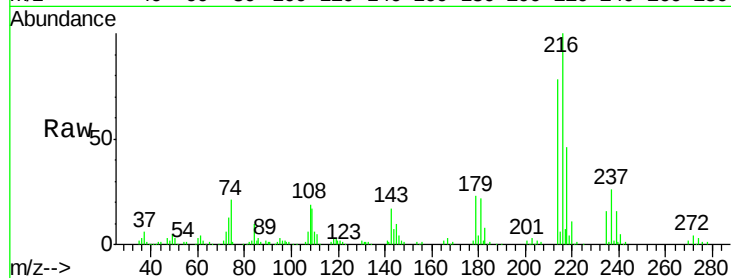
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 23.3 18.0 27.0

108 23.9 15.9 23.9#

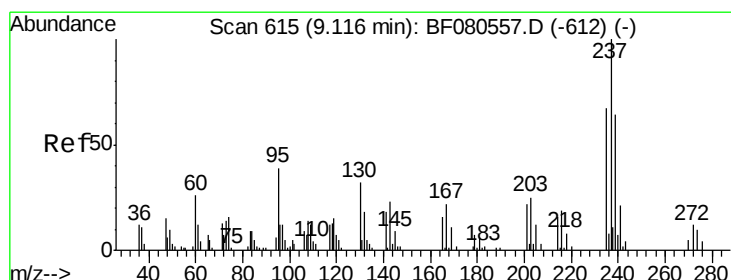
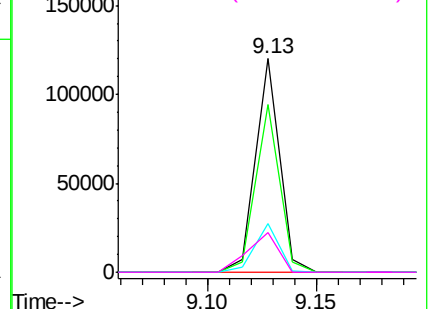
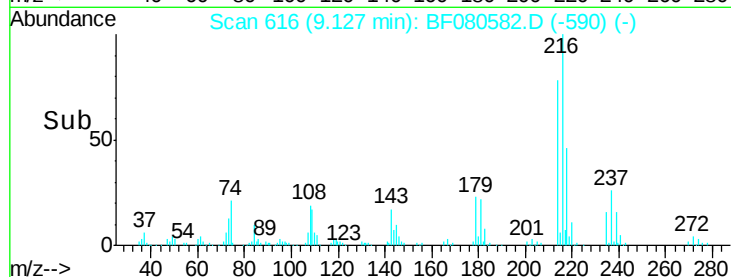


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.28 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF080582.D

Acq: 23 Jul 2015 4:58

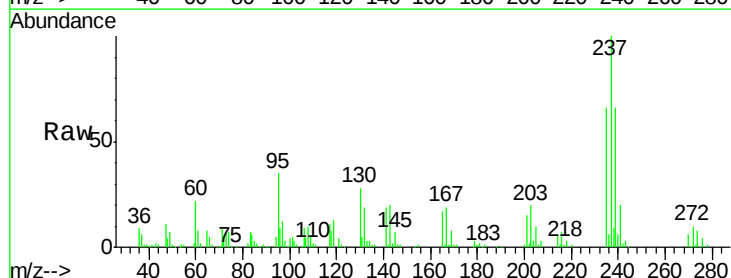
Tgt Ion:237 Resp: 90848

Ion Ratio Lower Upper

237 100

235 65.8 47.3 87.3

272 9.8 0.0 31.5



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

