

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080417.D
 Acq On : 11 Jul 2015 6:00
 Operator : TP/UM
 Sample : PB84443BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Quant Time: Jul 11 06:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	19338	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	85076	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	43924	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	89179	20.00	ng	0.00
75) Chrysene-d12	14.49	240	90388	20.00	ng	-0.05
86) Perylene-d12	16.21	264	83152	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	145338	128.79	ng	0.00
7) Phenol-d6	6.80	99	189203	125.84	ng	0.00
23) Nitrobenzene-d5	7.71	82	111141	74.51	ng	0.00
41) 2,4,6-Tribromophenol	10.99	330	48364	112.82	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	252745	77.50	ng	0.00
78) Terphenyl-d14	13.30	244	311282	74.79	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.94	88	17705	32.59	ng	# 95
3) Pyridine	3.96	79	37246	30.87	ng	98
4) n-Nitrosodimethylamine	3.74	42	24713	37.35	ng	98
6) Aniline	6.82	93	46086	24.58	ng	88
8) 2-Chlorophenol	6.94	128	50416	37.08	ng	95
9) Benzaldehyde	6.70	77	20905	25.13	ng	94
10) Phenol	6.81	94	68791	41.41	ng	90
11) bis(2-Chloroethyl)ether	6.88	93	51139	37.39	ng	95
12) 1,3-Dichlorobenzene	7.08	146	56906	37.01	ng	96
13) 1,4-Dichlorobenzene	7.16	146	61297	35.36	ng	98
14) 1,2-Dichlorobenzene	7.32	146	55220	33.62	ng	96
15) Benzyl Alcohol	7.30	79	46295	37.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	75064	38.05	ng	# 67
17) 2-Methylphenol	7.41	107	39083	33.08	ng	96
18) Hexachloroethane	7.66	117	17793	33.26	ng	89
19) n-Nitroso-di-n-propylamine	7.55	70	40457	39.32	ng	# 88
20) 3+4-Methylphenols	7.56	107	59057	39.77	ng	# 61
22) Acetophenone	7.56	105	69757	34.21	ng	# 98
24) Nitrobenzene	7.73	77	56244	34.08	ng	96
25) Isophorone	7.97	82	105574	39.49	ng	# 91
26) 2-Nitrophenol	8.05	139	25647	32.37	ng	91
27) 2,4-Dimethylphenol	8.09	122	52209	41.87	ng	98
28) bis(2-Chloroethoxy)methane	8.17	93	59433	36.74	ng	# 97
29) 2,4-Dichlorophenol	8.29	162	45919	39.89	ng	89
30) 1,2,4-Trichlorobenzene	8.37	180	47277	31.05	ng	95
31) Naphthalene	8.45	128	159405	34.26	ng	98
32) Benzoic acid	8.19	122	28787	32.84	ng	97
33) 4-Chloroaniline	8.51	127	39411	24.99	ng	99
34) Hexachlorobutadiene	8.57	225	29990	33.93	ng	94
35) Caprolactam	8.89	113	12227	37.14	ng	# 65
36) 4-Chloro-3-methylphenol	8.99	107	48675	39.93	ng	# 81
37) 2-Methylnaphthalene	9.14	142	100389	32.69	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	51659	35.15	ng	97
40) Hexachlorocyclopentadiene	9.30	237	61205	79.82	ng	99

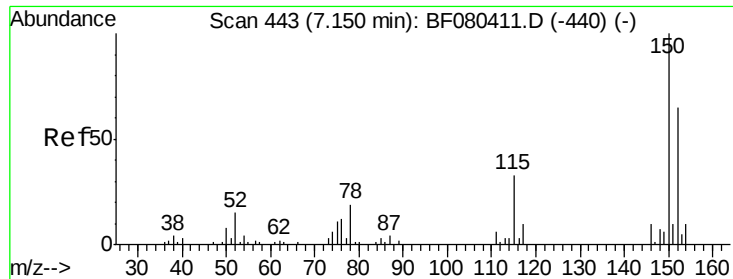
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080417.D
 Acq On : 11 Jul 2015 6:00
 Operator : TP/UM
 Sample : PB84443BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Quant Time: Jul 11 06:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	31257	36.93	ng	96
43) 2,4,5-Trichlorophenol	9.47	196	35911	39.53	ng #	90
45) 1,1'-Biphenyl	9.61	154	139788	36.51	ng	99
46) 2-Chloronaphthalene	9.63	162	94694	33.51	ng #	88
47) 2-Nitroaniline	9.74	65	28331	33.18	ng #	84
48) Acenaphthylene	10.05	152	178154	36.86	ng	99
49) Dimethylphthalate	9.90	163	130530	39.31	ng #	98
50) 2,6-Dinitrotoluene	9.97	165	25752	34.56	ng #	82
51) Acenaphthene	10.22	154	121181	39.44	ng	99
52) 3-Nitroaniline	10.16	138	19618	26.97	ng	86
53) 2,4-Dinitrophenol	10.25	184	26837	77.49	ng #	64
54) Dibenzofuran	10.40	168	155879	38.31	ng	97
55) 4-Nitrophenol	10.33	139	42158	72.08	ng #	83
56) 2,4-Dinitrotoluene	10.37	165	37526	43.07	ng #	79
57) Fluorene	10.74	166	125211	36.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.48	232	31570	39.61	ng	97
59) Diethylphthalate	10.60	149	131939	40.59	ng	98
60) 4-Chlorophenyl-phenylether	10.73	204	60967	36.92	ng	92
61) 4-Nitroaniline	10.77	138	25468	35.22	ng	87
62) Azobenzene	10.89	77	129517	36.91	ng	95
64) 4,6-Dinitro-2-methylphenol	10.78	198	19089	39.00	ng #	76
65) n-Nitrosodiphenylamine	10.84	169	100211	36.05	ng	99
66) 4-Bromophenyl-phenylether	11.22	248	36260	38.15	ng	89
67) Hexachlorobenzene	11.29	284	34614	36.27	ng #	55
68) Atrazine	11.37	200	30292	35.04	ng	95
69) Pentachlorophenol	11.49	266	46728	85.74	ng	98
70) Phenanthrene	11.71	178	201168	37.55	ng	99
71) Anthracene	11.76	178	188809	38.06	ng	98
72) Carbazole	11.92	167	167717	36.63	ng #	97
73) Di-n-butylphthalate	12.22	149	187289	38.68	ng #	99
74) Fluoranthene	12.92	202	215374	38.76	ng	99
76) Benzidine	13.06	184	67165	38.03	ng	99
77) Pyrene	13.16	202	218929	37.81	ng	100
79) Butylbenzylphthalate	13.81	149	89701	40.86	ng	91
80) Benzo(a)anthracene	14.48	228	203110	35.66	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	52259	30.69	ng #	97
82) Chrysene	14.52	228	198304	37.81	ng	100
83) Bis(2-ethylhexyl)phthalate	14.44	149	136982	39.76	ng #	96
84) Di-n-octyl phthalate	15.19	149	228075	37.58	ng	100
85) Indeno(1,2,3-cd)pyrene	17.86	276	213437	32.76	ng	99
87) Benzo(b)fluoranthene	15.72	252	223178	38.64	ng	99
88) Benzo(k)fluoranthene	15.72	252	223178	47.25	ng	99
89) Benzo(a)pyrene	16.15	252	189885	37.52	ng	98
90) Dibenzo(a,h)anthracene	17.87	278	178633	35.63	ng #	96
91) Benzo(g,h,i)perylene	18.36	276	182950	36.73	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

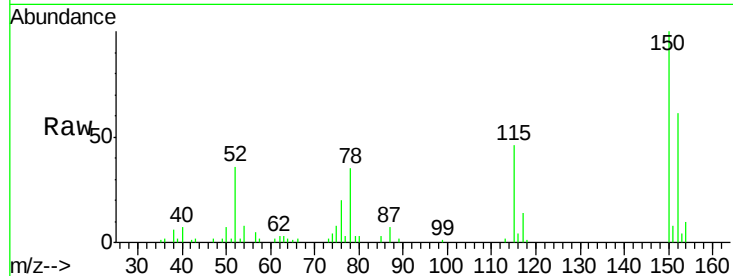
Tgt Ion:152 Resp: 19338

Ion Ratio Lower Upper

152 100

150 163.5 122.3 183.5

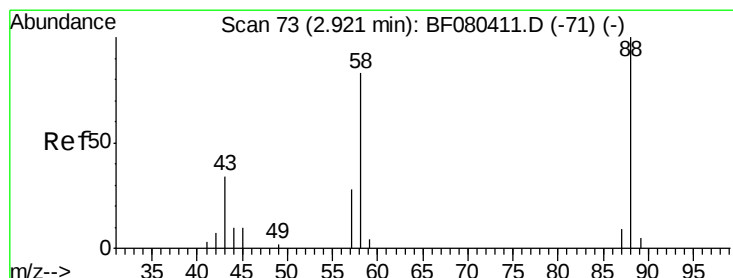
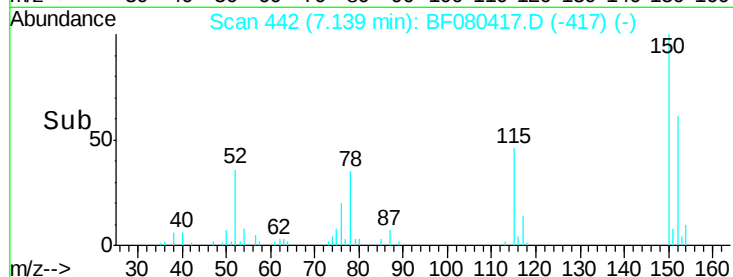
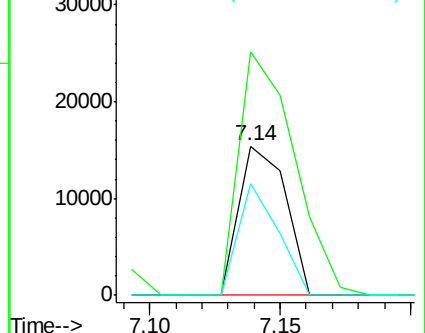
115 75.0 41.0 61.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.59 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

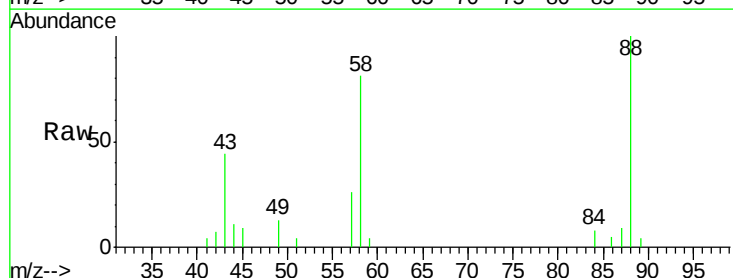
Tgt Ion: 88 Resp: 17705

Ion Ratio Lower Upper

88 100

58 79.1 62.4 93.6

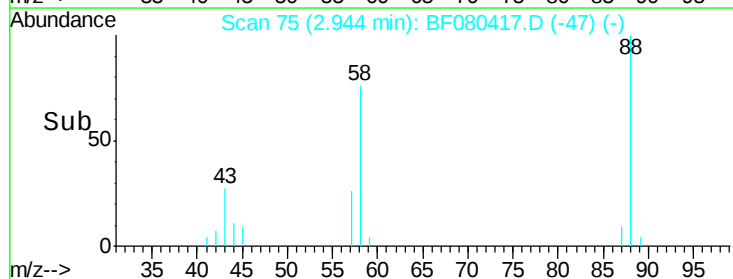
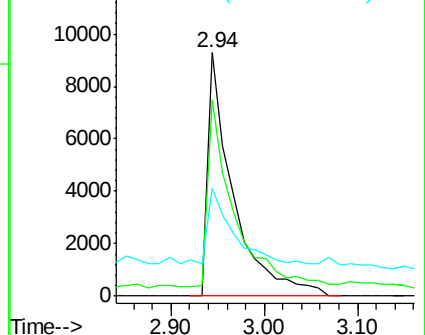
43 37.5 24.4 36.6#

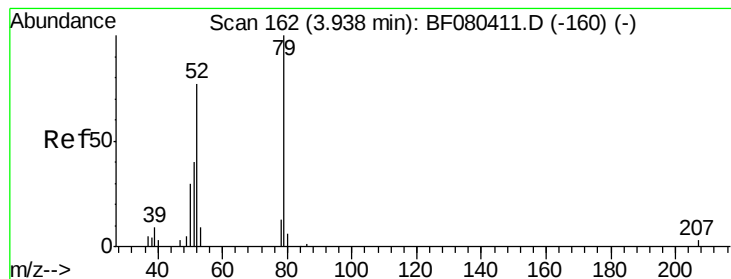


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.87 ng

RT: 3.96 min Scan# 164

Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

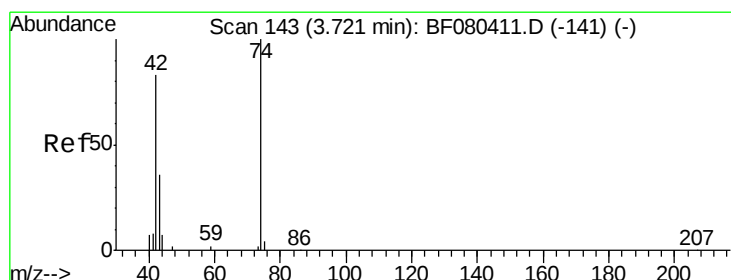
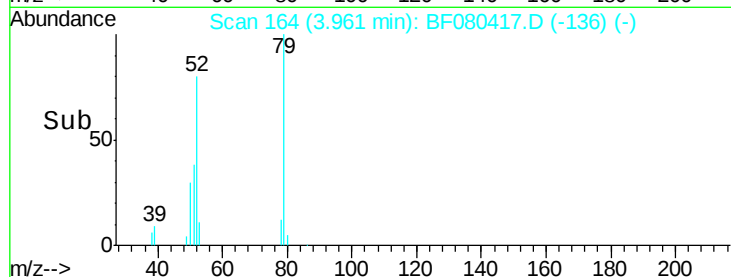
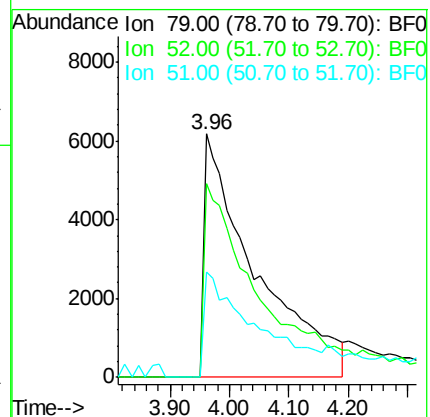
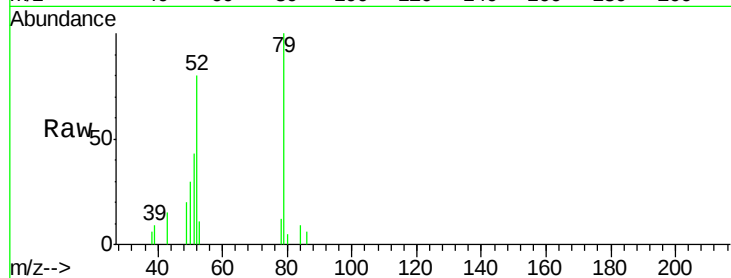
Tgt Ion: 79 Resp: 37246

Ion Ratio Lower Upper

79 100

52 79.8 61.6 92.4

51 43.0 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 37.35 ng

RT: 3.74 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

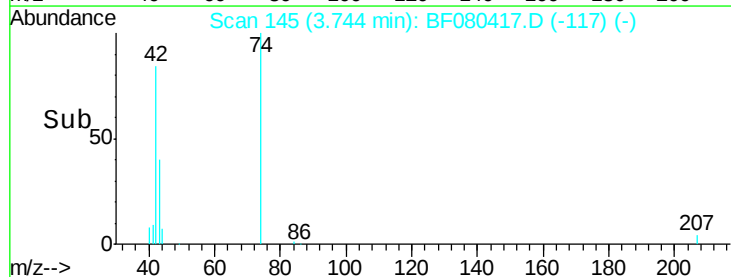
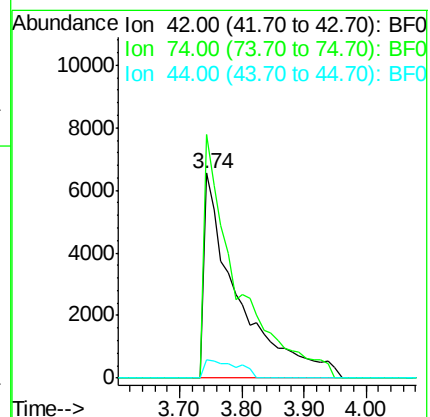
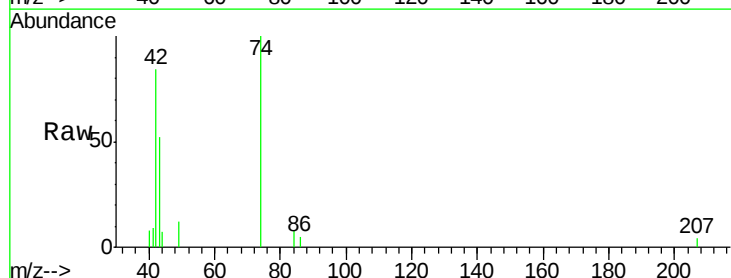
Tgt Ion: 42 Resp: 24713

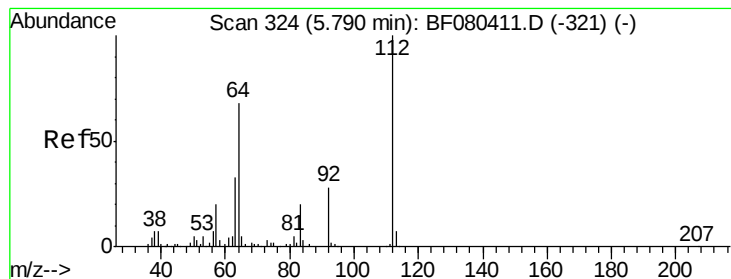
Ion Ratio Lower Upper

42 100

74 119.0 97.0 145.4

44 8.7 6.3 9.5





#5

2-Fluorophenol

Concen: 128.79 ng

RT: 5.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

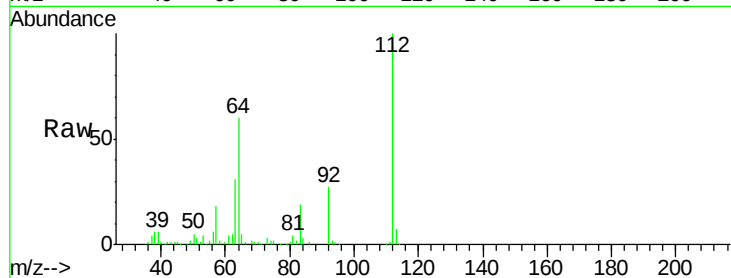
Tgt Ion: 112 Resp: 145338

Ion Ratio Lower Upper

112 100

64 60.5 54.3 81.5

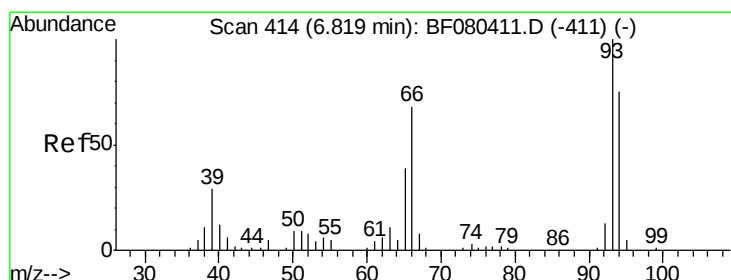
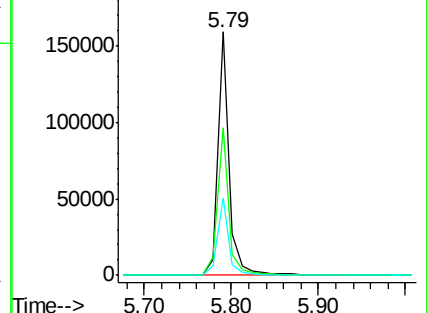
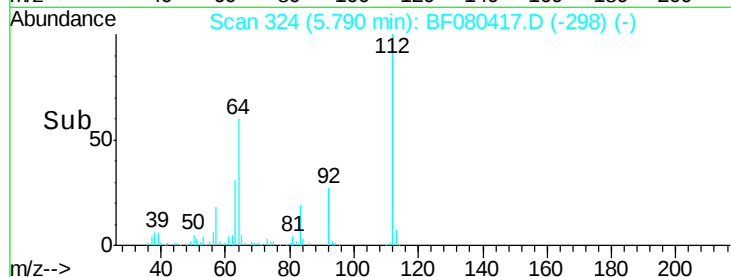
63 31.5 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.58 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

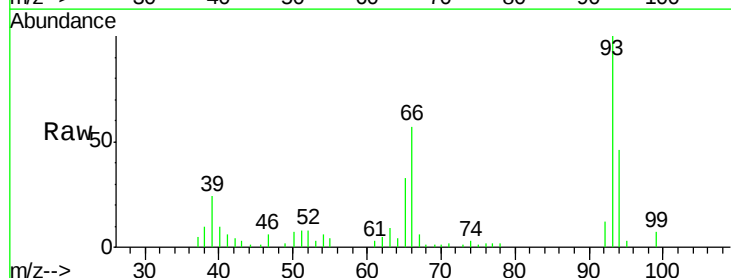
Tgt Ion: 93 Resp: 46086

Ion Ratio Lower Upper

93 100

66 57.3 54.8 82.2

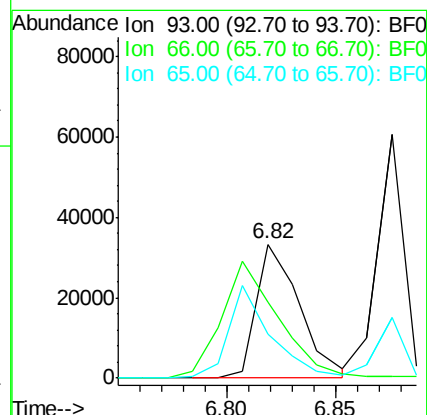
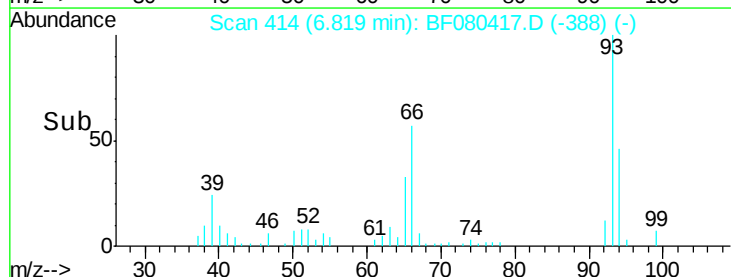
65 33.1 31.4 47.2

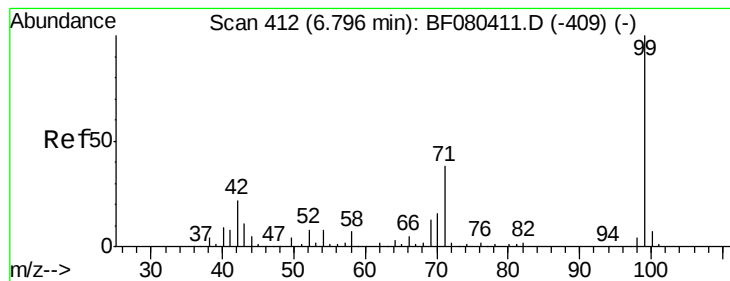


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.84 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

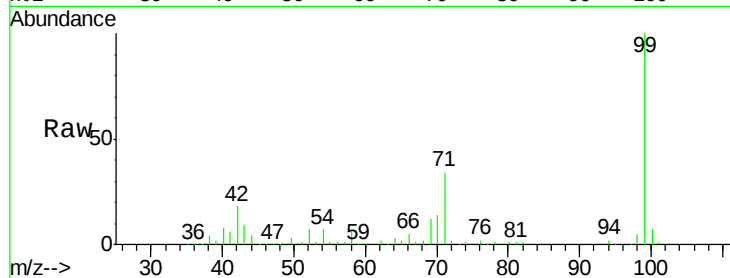
Tgt Ion: 99 Resp: 189203

Ion Ratio Lower Upper

99 100

42 18.2 17.9 26.9

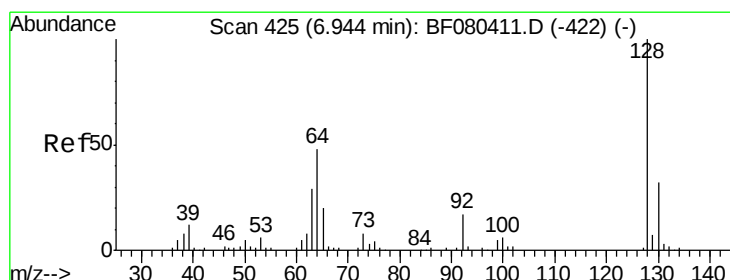
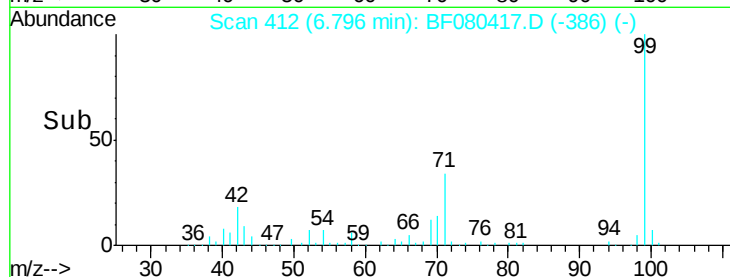
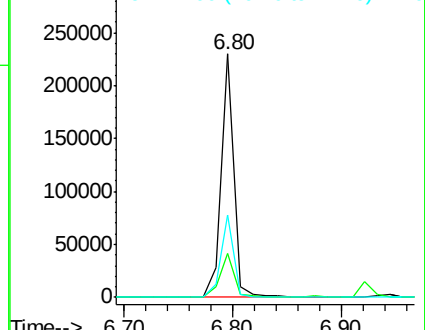
71 33.9 30.1 45.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.08 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

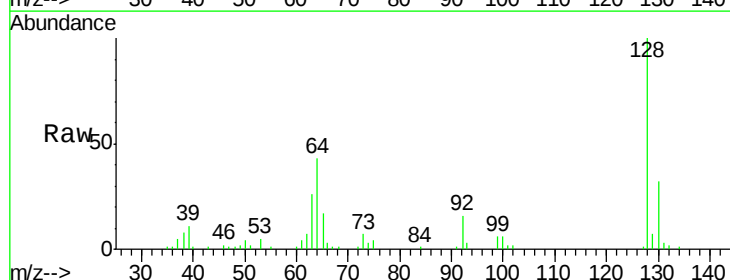
Tgt Ion: 128 Resp: 50416

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

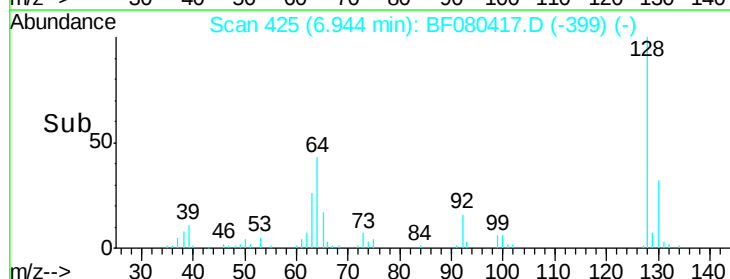
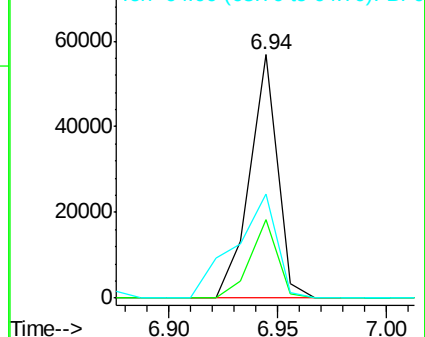
64 42.8 28.0 68.0

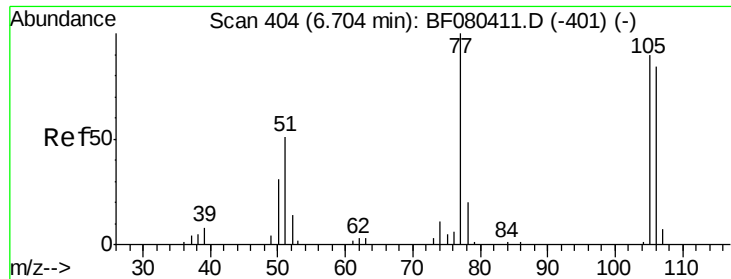


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

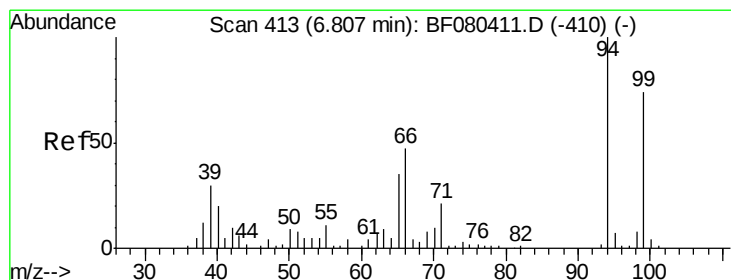
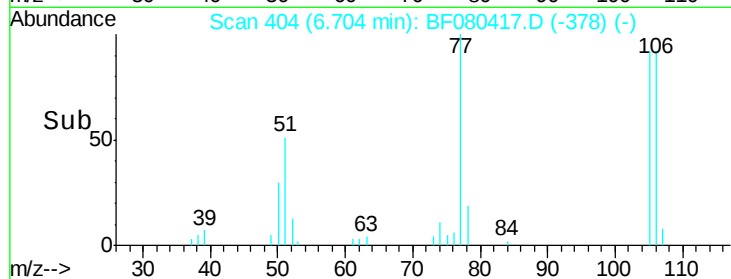
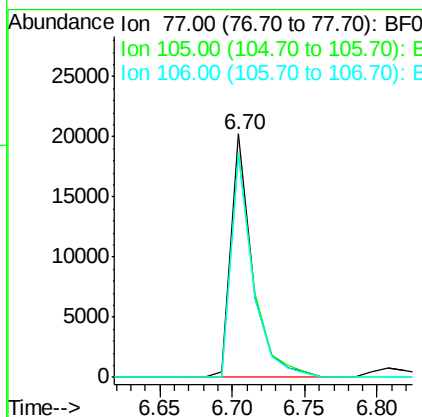
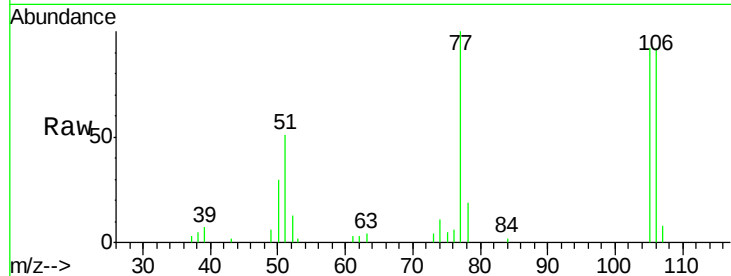




#9
Benzaldehyde
Concen: 25.13 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

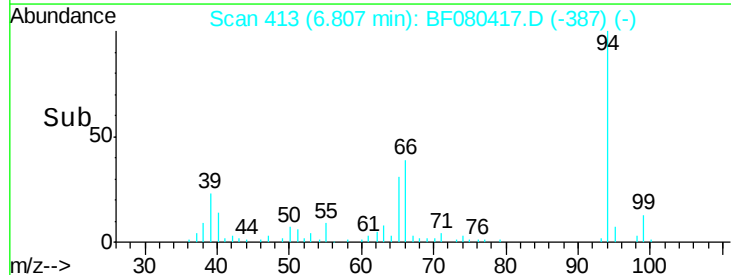
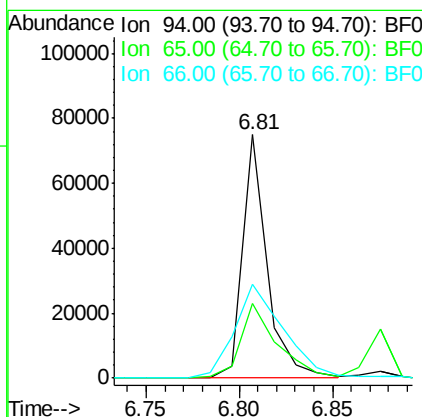
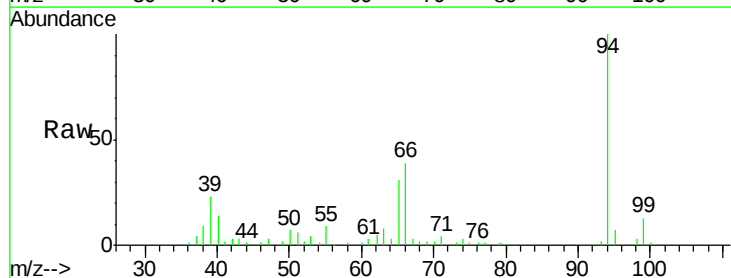
Instrument :
BNA_F
ClientSampled :
PB84443BS

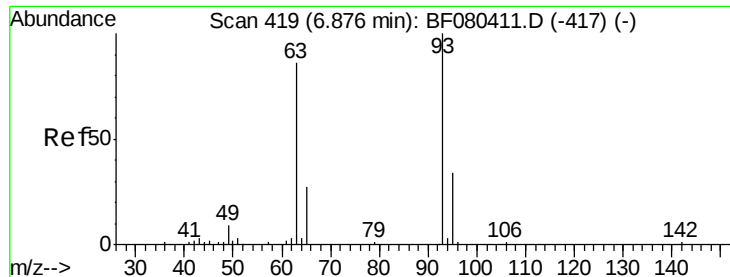
Tgt Ion: 77 Resp: 20905
Ion Ratio Lower Upper
77 100
105 92.4 69.6 109.6
106 91.5 63.6 103.6



#10
Phenol
Concen: 41.41 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion: 94 Resp: 68791
Ion Ratio Lower Upper
94 100
65 30.6 15.0 55.0
66 38.8 27.1 67.1

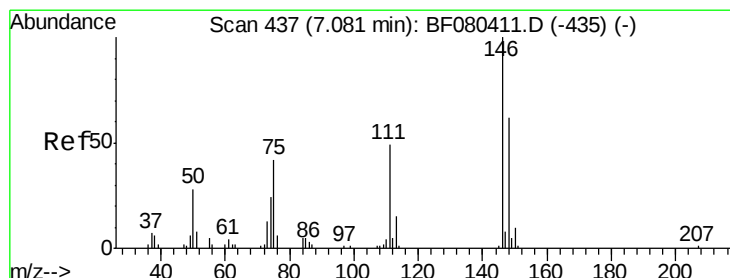
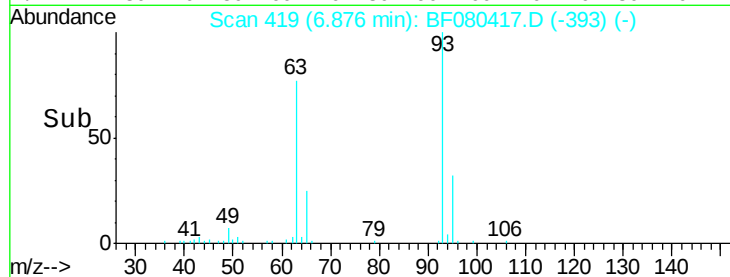
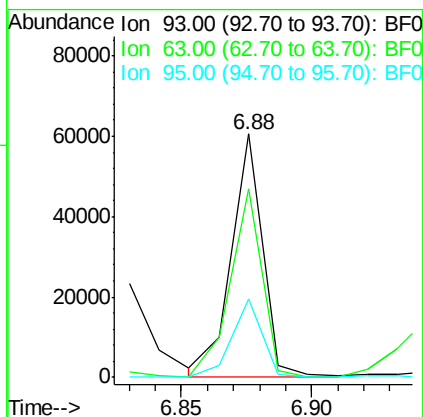
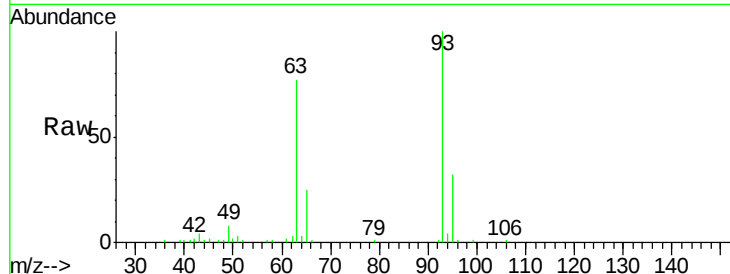




#11
 bis(2-Chloroethyl)ether
 Concen: 37.39 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

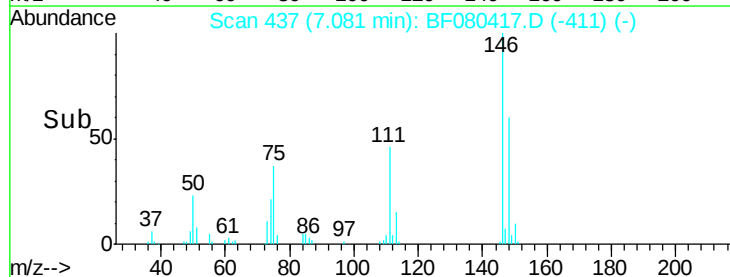
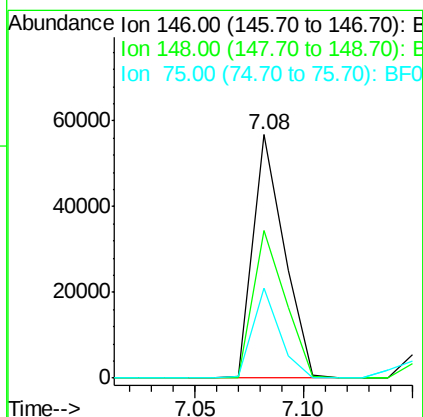
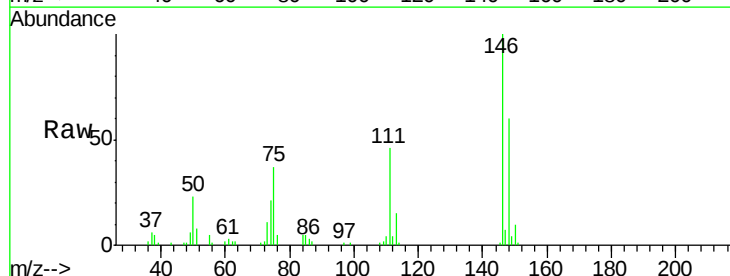
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

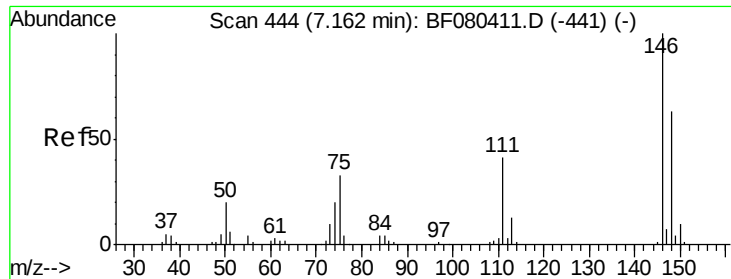
Tgt Ion: 93 Resp: 51139
 Ion Ratio Lower Upper
 93 100
 63 77.2 62.9 102.9
 95 32.0 12.2 52.2



#12
 1,3-Dichlorobenzene
 Concen: 37.01 ng
 RT: 7.08 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion: 146 Resp: 56906
 Ion Ratio Lower Upper
 146 100
 148 60.4 49.5 74.3
 75 36.8 33.4 50.2

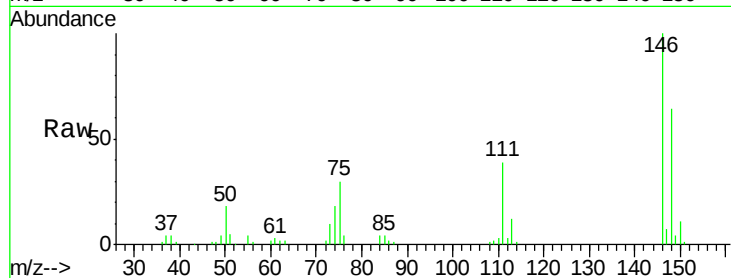




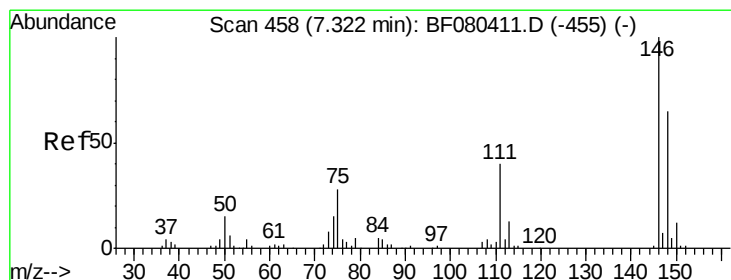
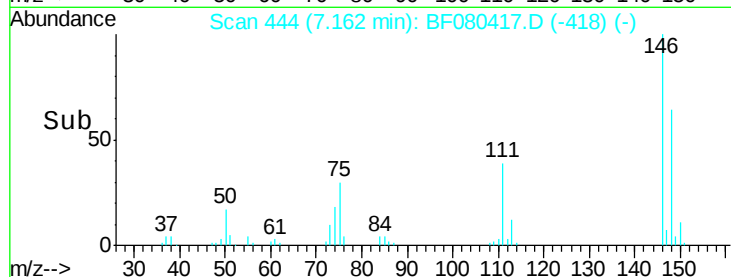
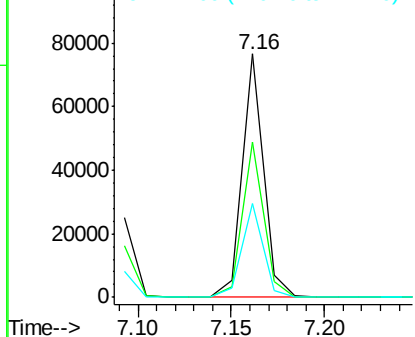
#13
 1,4-Dichlorobenzene
 Concen: 35.36 ng
 RT: 7.16 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion:146 Resp: 61297
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 38.7 33.1 49.7

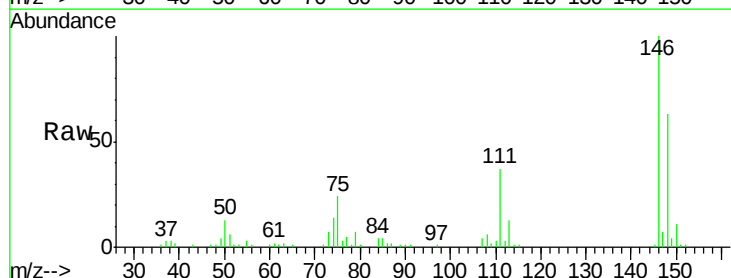


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

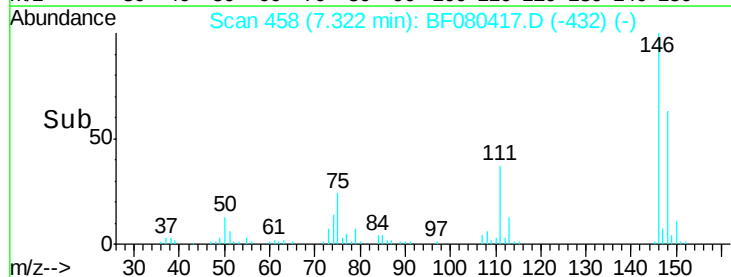
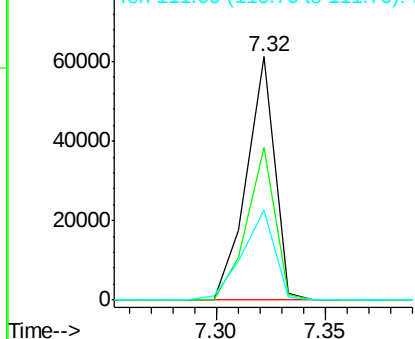


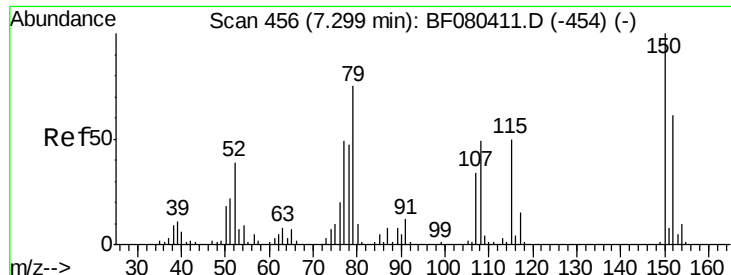
#14
 1,2-Dichlorobenzene
 Concen: 33.62 ng
 RT: 7.32 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion:146 Resp: 55220
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.4
 111 36.8 32.2 48.2



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

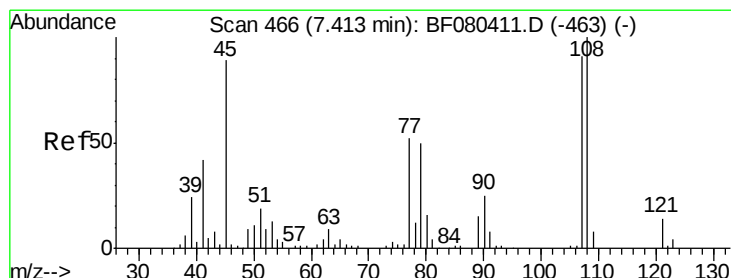
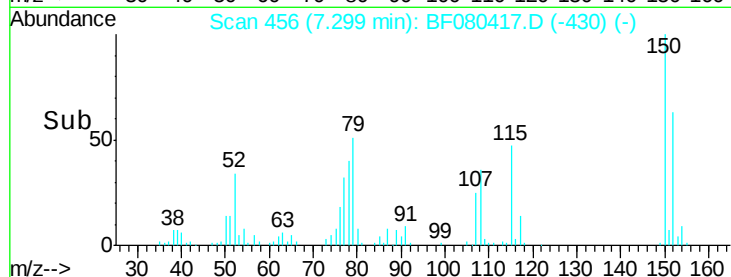
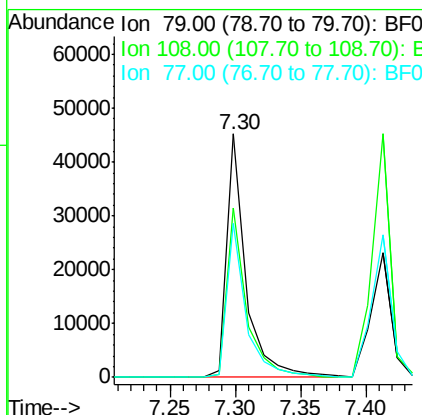
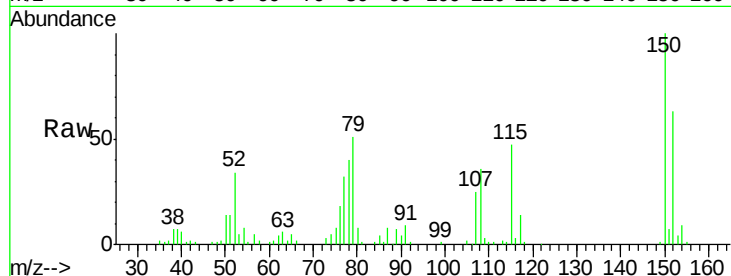




#15
Benzyl Alcohol
Concen: 37.41 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

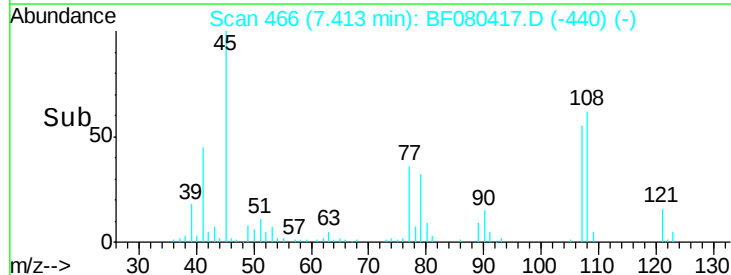
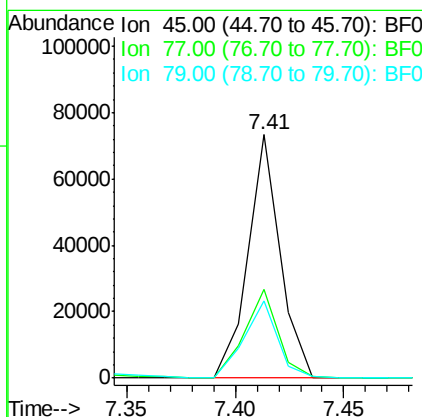
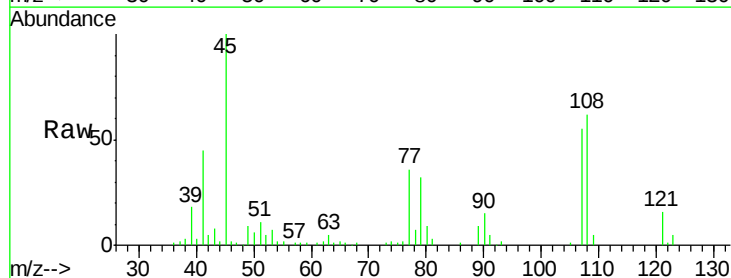
Instrument :
BNA_F
ClientSampleId :
PB84443BS

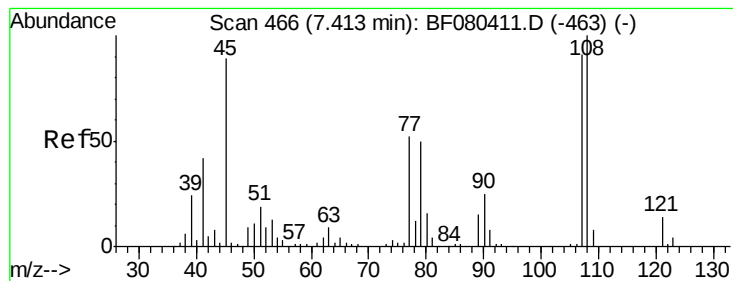
Tgt Ion: 79 Resp: 46295
Ion Ratio Lower Upper
79 100
108 69.6 51.6 77.4
77 63.5 52.2 78.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.05 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion: 45 Resp: 75064
Ion Ratio Lower Upper
45 100
77 36.2 39.1 79.1#
79 31.7 37.2 77.2#





#17

2-Methylphenol

Concen: 33.08 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

Tgt Ion:107 Resp: 39083

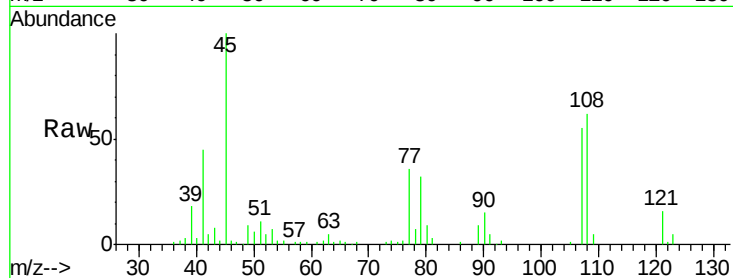
Ion Ratio Lower Upper

107 100

108 111.4 88.0 132.0

77 65.6 45.9 68.9

79 57.3 44.5 66.7

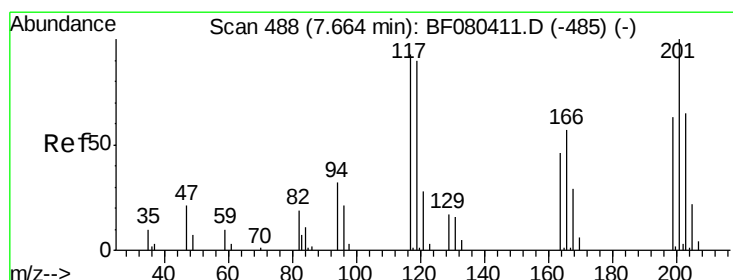
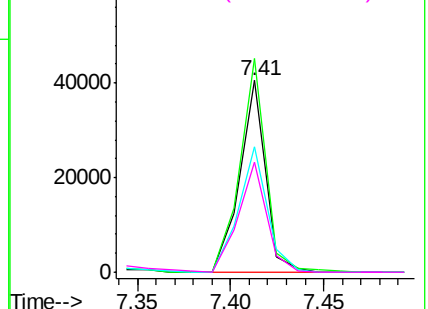
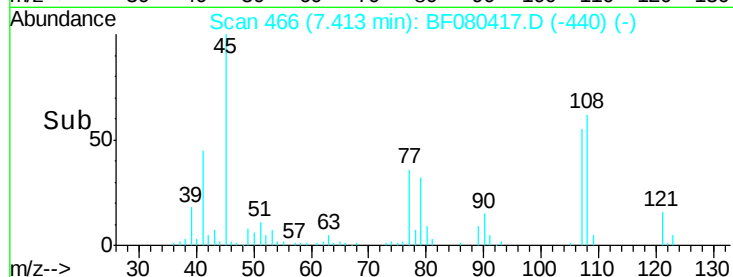


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.26 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

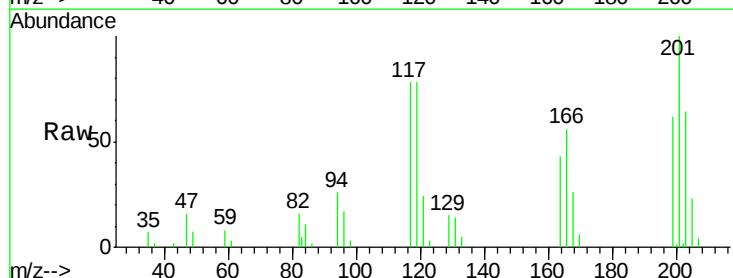
Tgt Ion:117 Resp: 17793

Ion Ratio Lower Upper

117 100

119 99.6 78.1 117.1

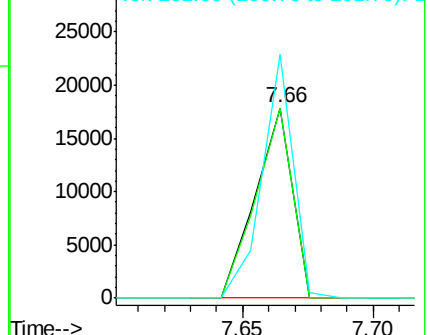
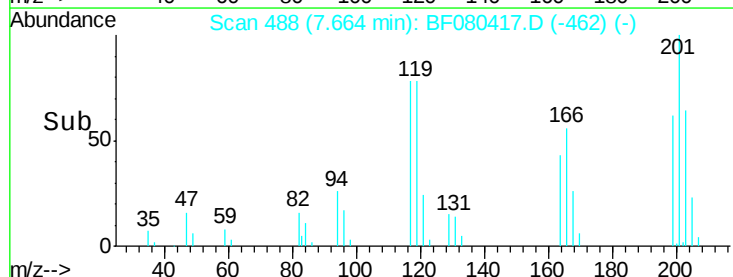
201 128.0 86.5 129.7

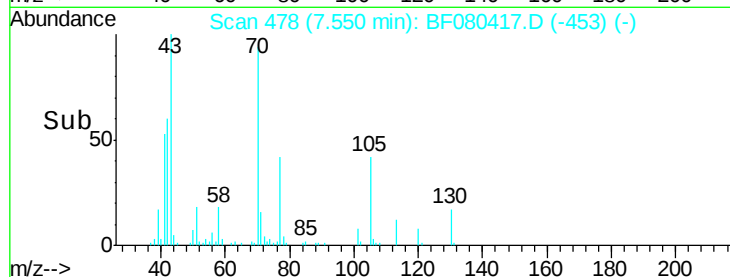
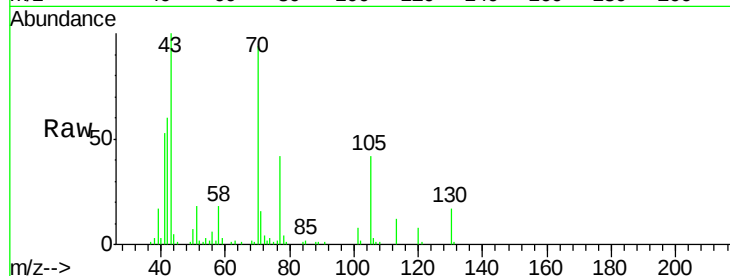
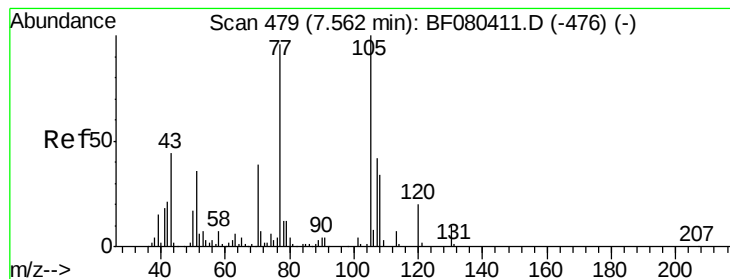


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.32 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

Tgt Ion: 70 Resp: 40457

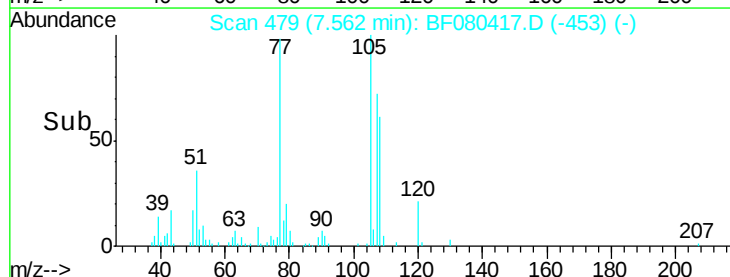
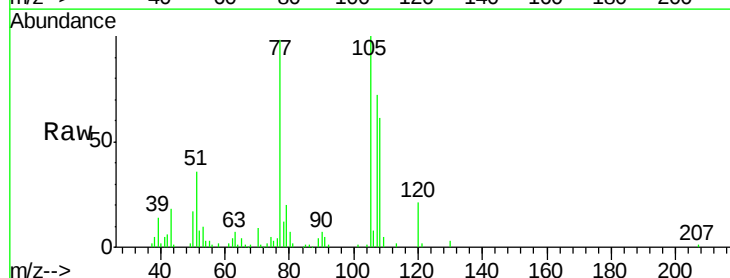
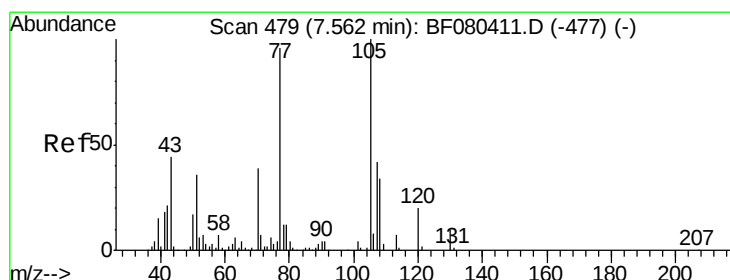
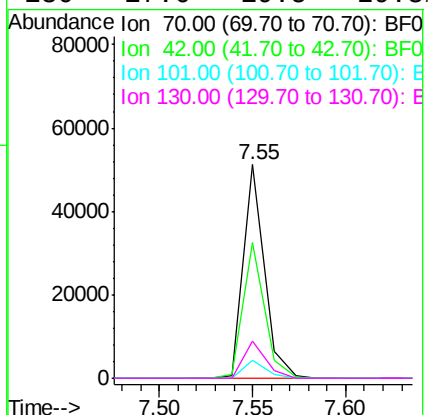
Ion Ratio Lower Upper

70 100

42 63.4 43.4 65.0

101 8.3 9.0 13.6#

130 17.6 19.5 29.3#



#20

3+4-Methylphenols

Concen: 39.77 ng

RT: 7.56 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Tgt Ion: 107 Resp: 59057

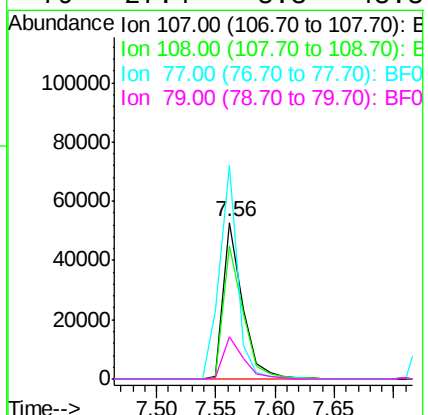
Ion Ratio Lower Upper

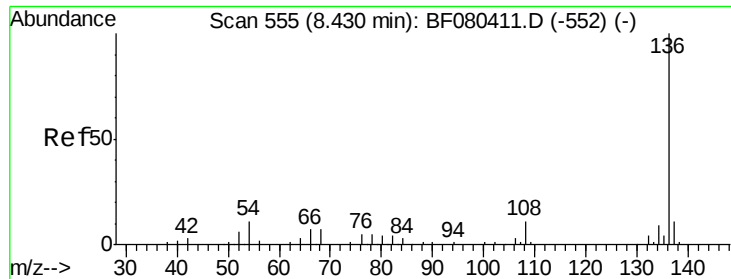
107 100

108 84.9 60.8 100.8

77 136.7 207.5 247.5#

79 27.4 8.3 48.3

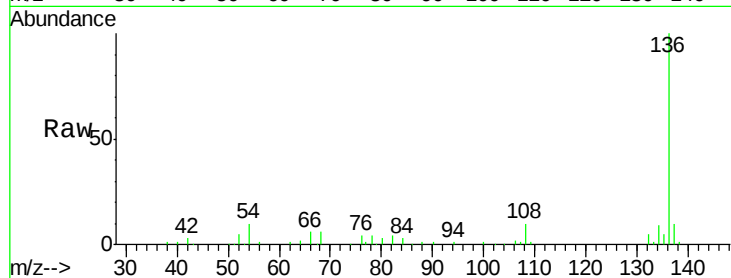




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion:	136	Resp:	85076
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	9.7	9.1	13.7
68	6.3	5.9	8.9



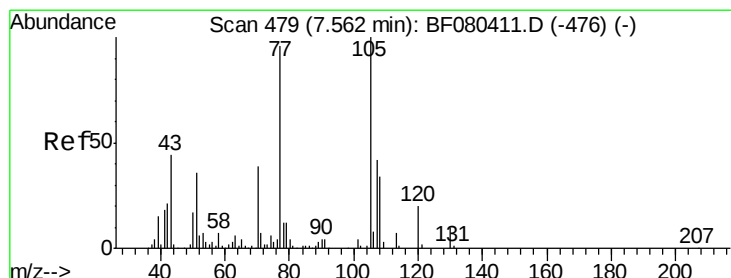
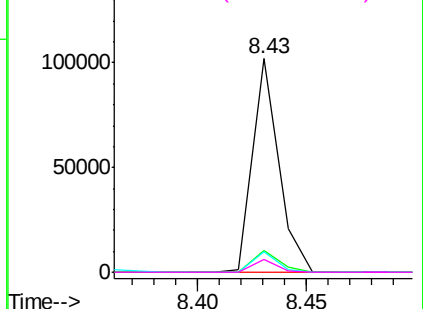
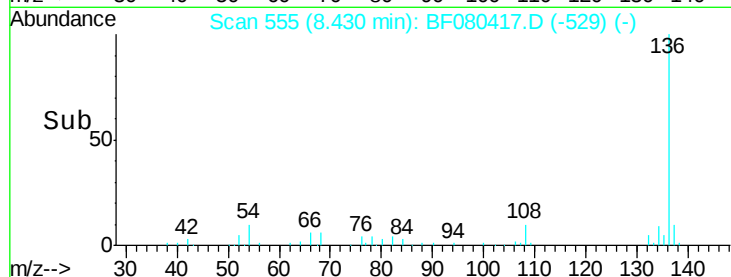
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

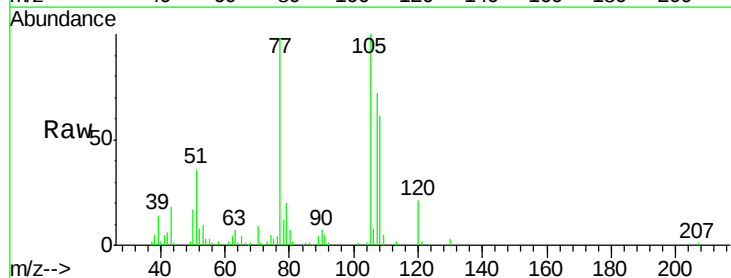
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 34.21 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion:	105	Resp:	69757
Ion	Ratio	Lower	Upper
105	100		
71	1.3	5.2	7.8#
51	35.7	28.7	43.1
120	21.1	16.4	24.6



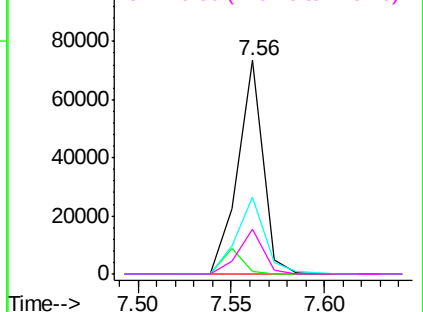
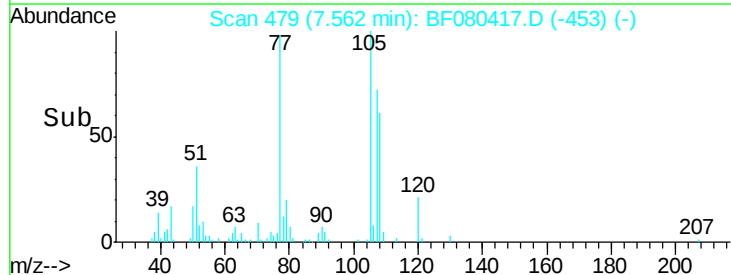
Abundance

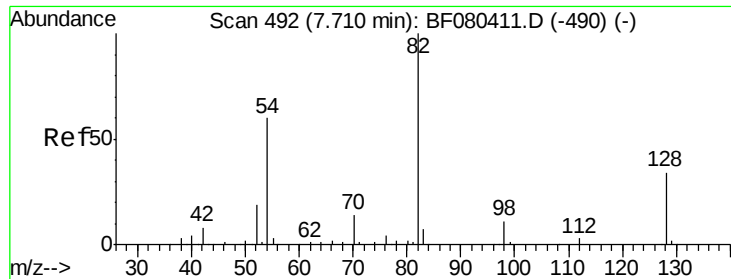
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

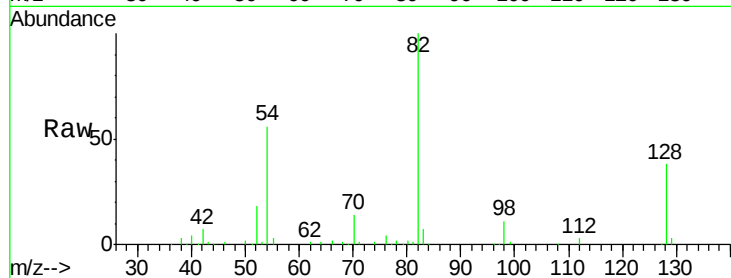




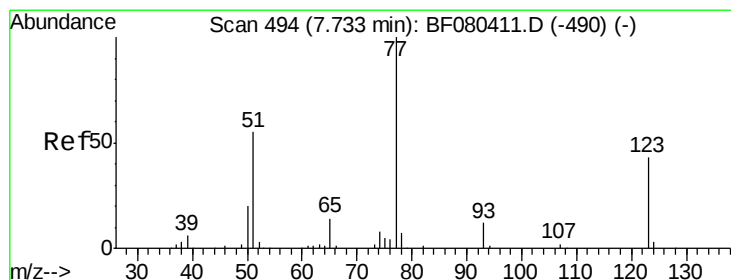
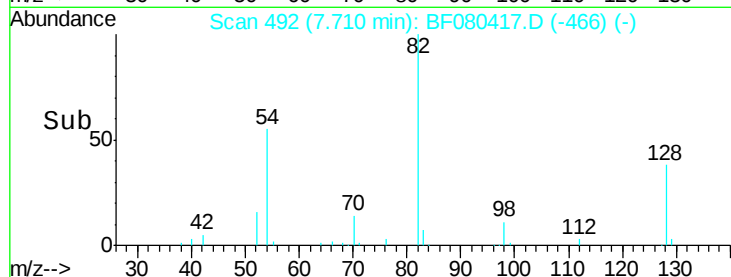
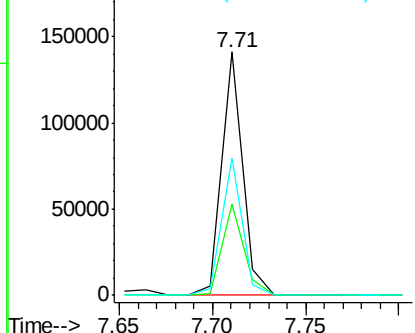
#23
 Nitrobenzene-d5
 Concen: 74.51 ng
 RT: 7.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion: 82 Resp: 111141
 Ion Ratio Lower Upper
 82 100
 128 37.6 26.9 40.3
 54 56.2 47.7 71.5

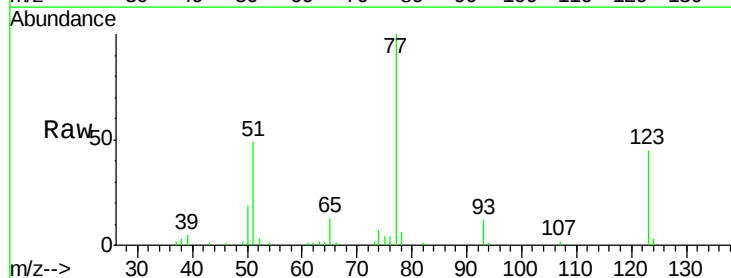


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

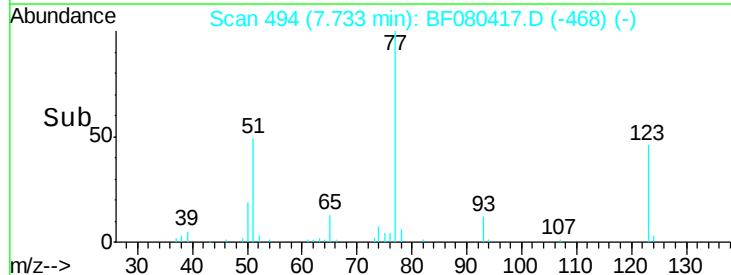
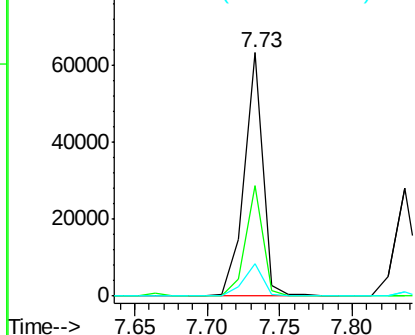


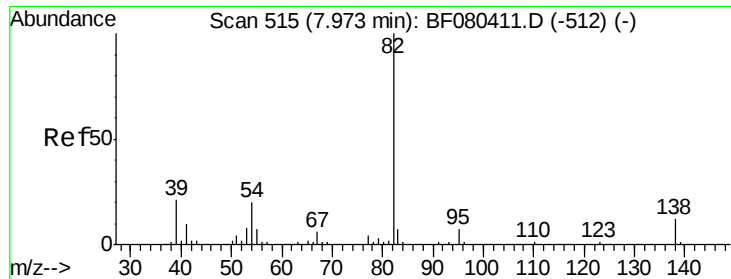
#24
 Nitrobenzene
 Concen: 34.08 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion: 77 Resp: 56244
 Ion Ratio Lower Upper
 77 100
 123 45.3 34.0 51.0
 65 13.2 11.2 16.8



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





#25

Isophorone

Concen: 39.49 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

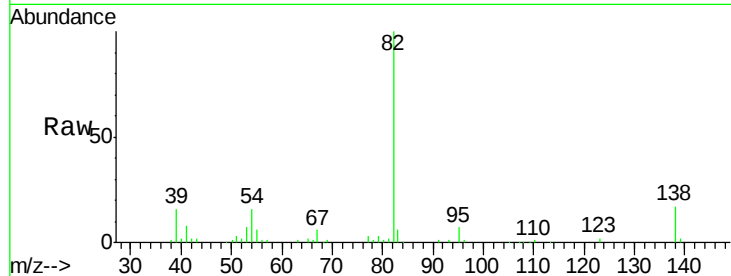
Tgt Ion: 82 Resp: 105574

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

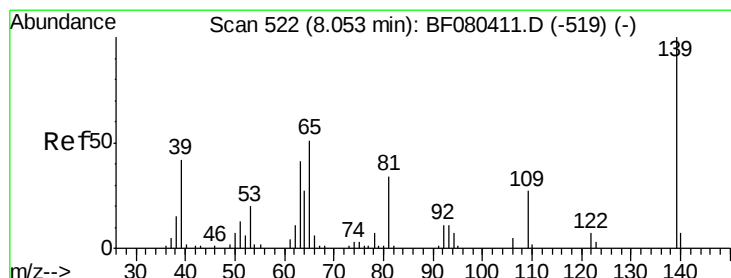
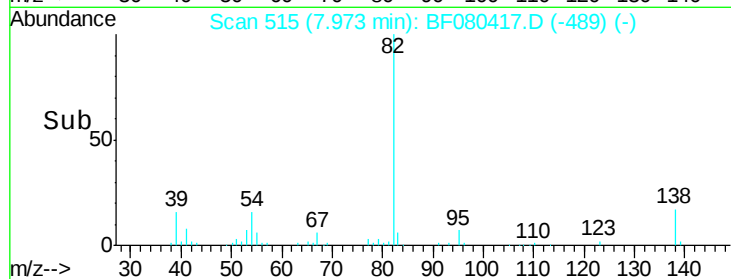
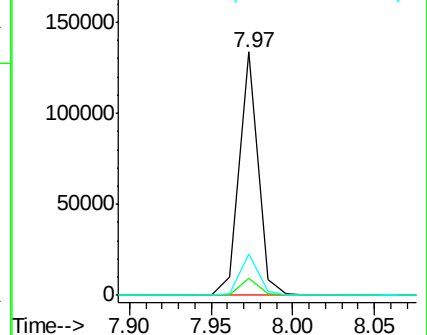
138 17.1 9.5 14.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 32.37 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

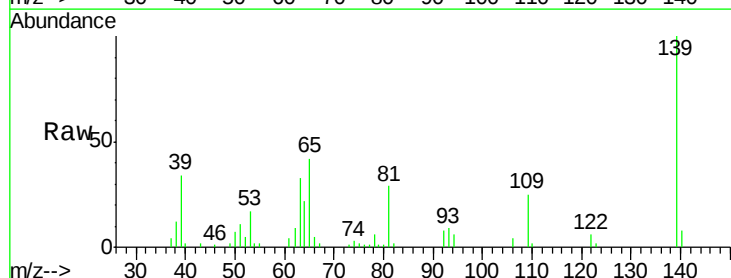
Tgt Ion: 139 Resp: 25647

Ion Ratio Lower Upper

139 100

109 24.9 21.7 32.5

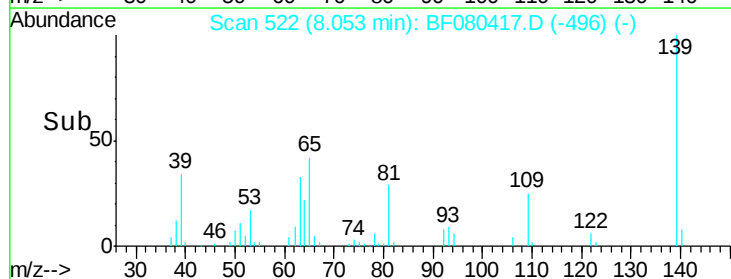
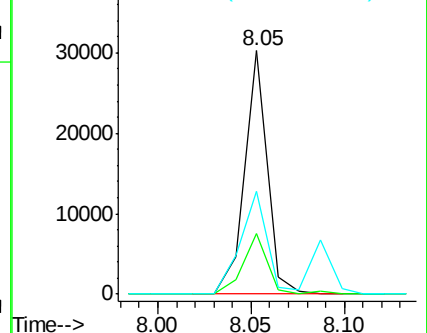
65 42.1 40.5 60.7

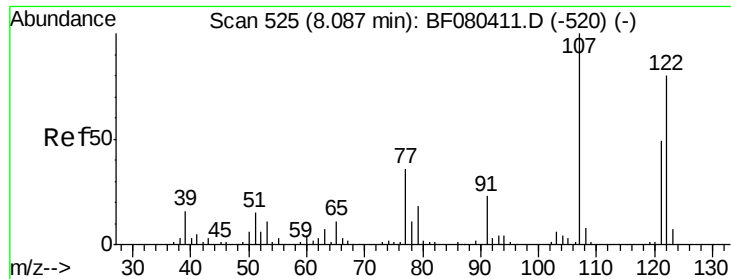


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

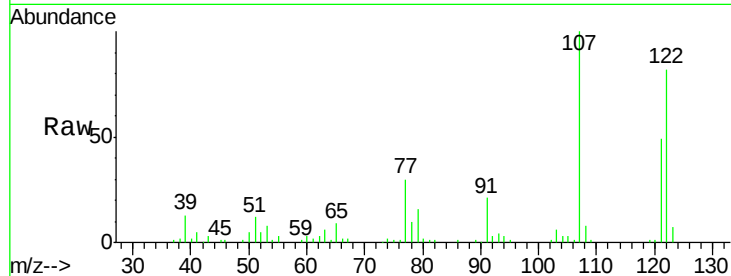




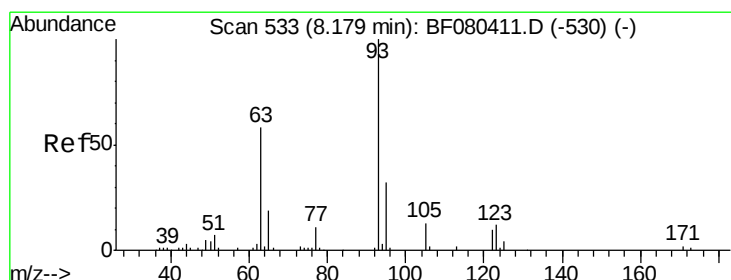
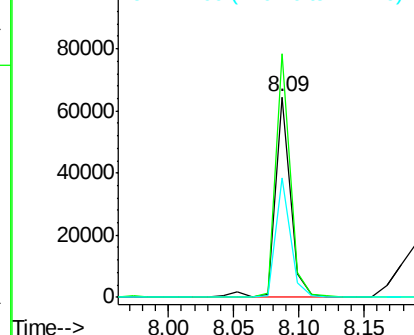
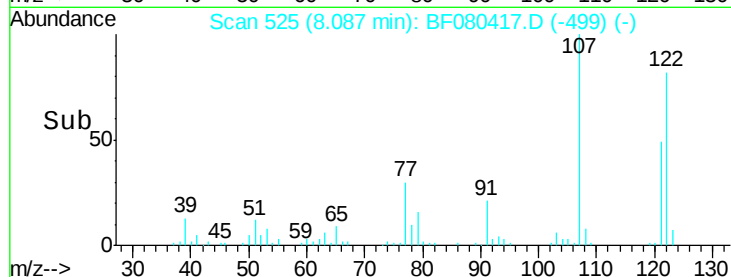
#27
 2,4-Dimethylphenol
 Concen: 41.87 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion:122 Resp: 52209
 Ion Ratio Lower Upper
 122 100
 107 121.6 99.5 149.3
 121 59.7 48.4 72.6

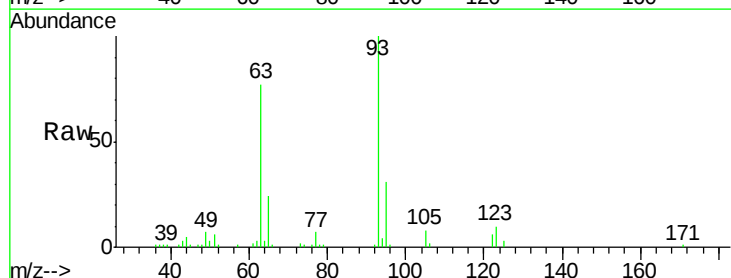


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

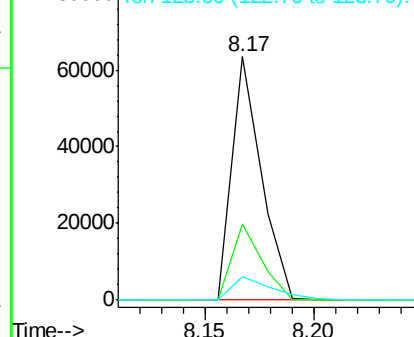
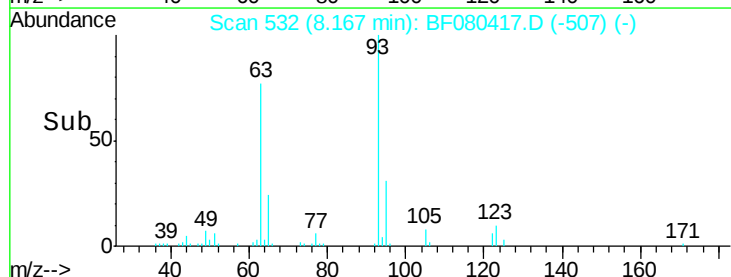


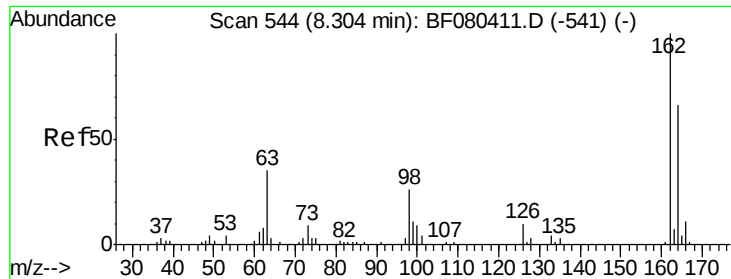
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.74 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion: 93 Resp: 59433
 Ion Ratio Lower Upper
 93 100
 95 31.1 25.8 38.8
 123 9.6 9.7 14.5#



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

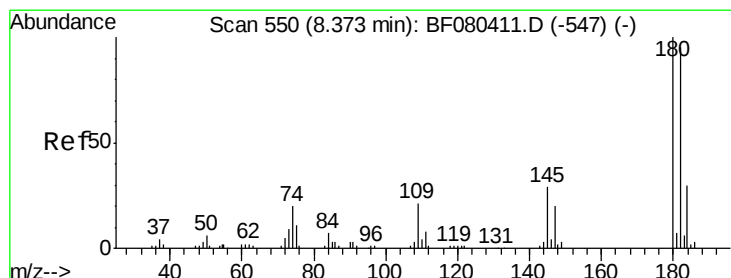
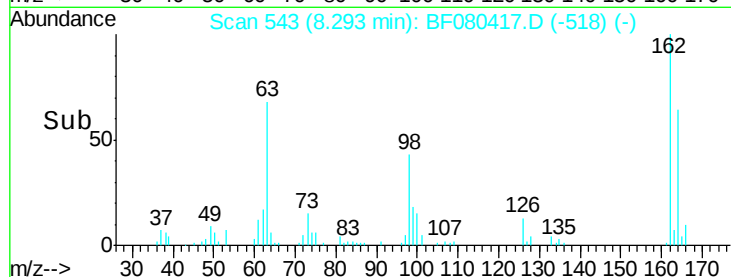
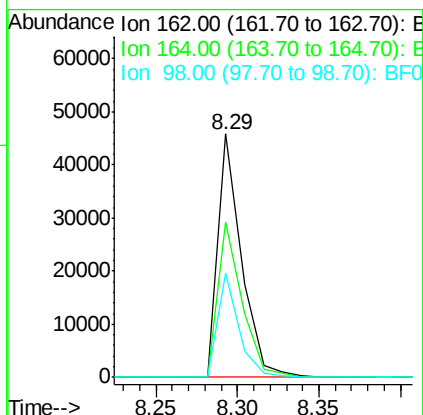
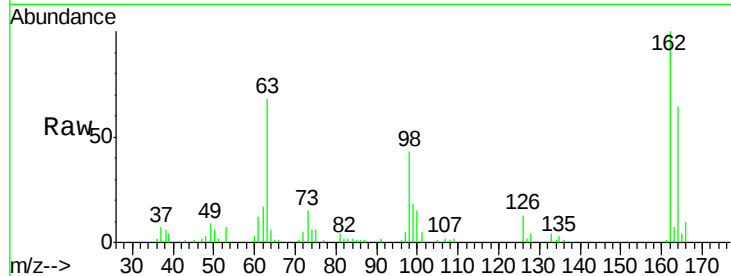




#29
 2,4-Dichlorophenol
 Concen: 39.89 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

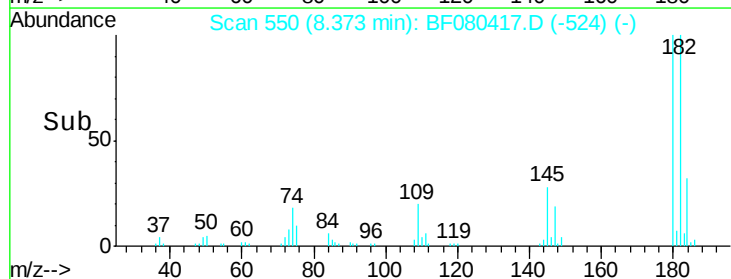
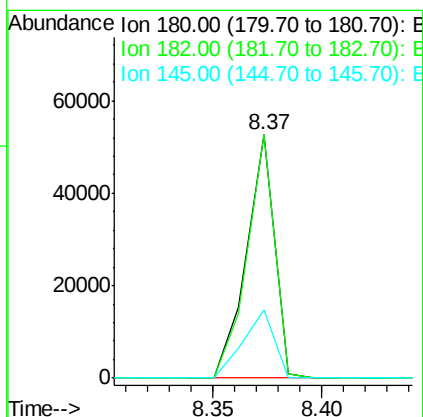
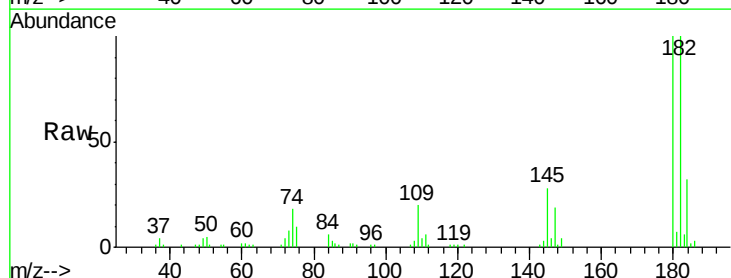
Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

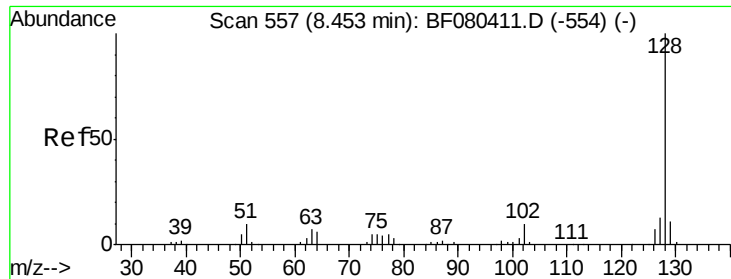
Tgt Ion:162 Resp: 45919
 Ion Ratio Lower Upper
 162 100
 164 63.9 45.5 85.5
 98 43.0 6.3 46.3



#30
 1,2,4-Trichlorobenzene
 Concen: 31.05 ng
 RT: 8.37 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion:180 Resp: 47277
 Ion Ratio Lower Upper
 180 100
 182 99.9 75.6 113.4
 145 27.9 23.3 34.9

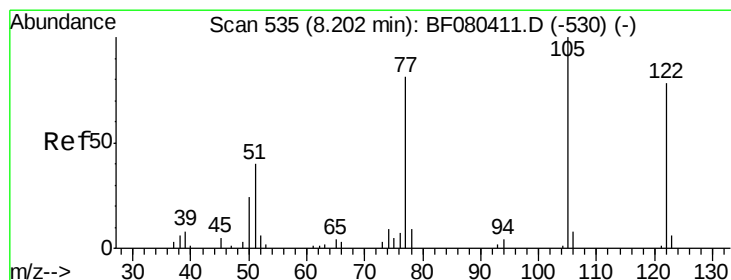
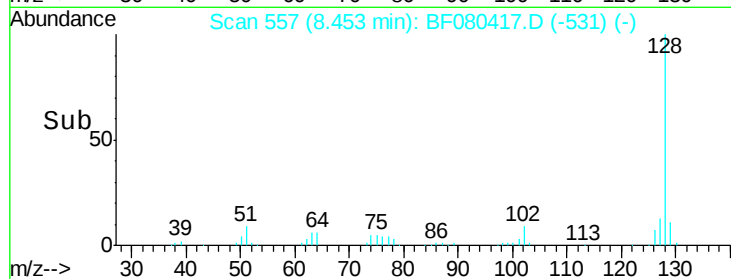
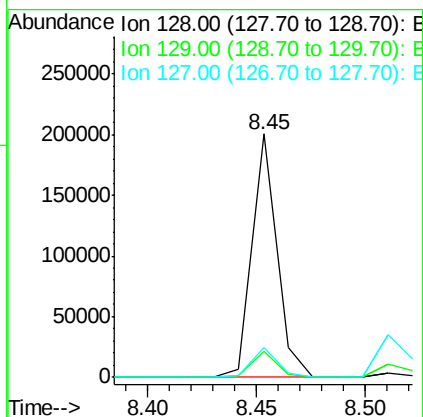
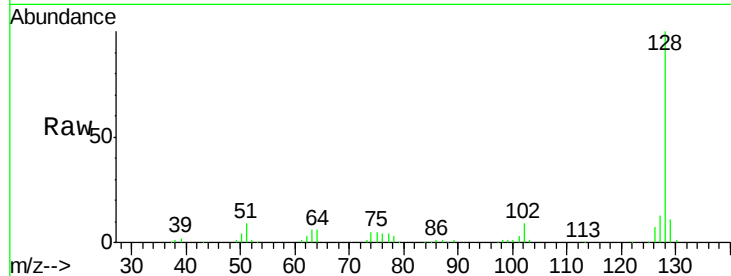




#31
Naphthalene
Concen: 34.26 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

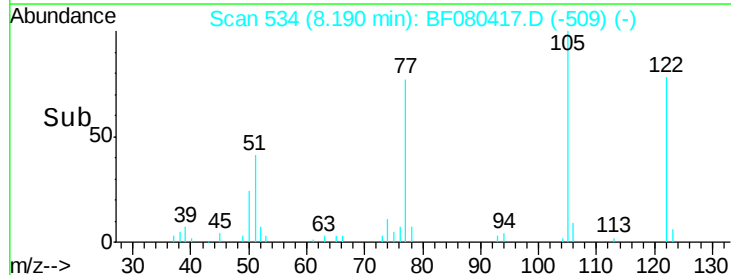
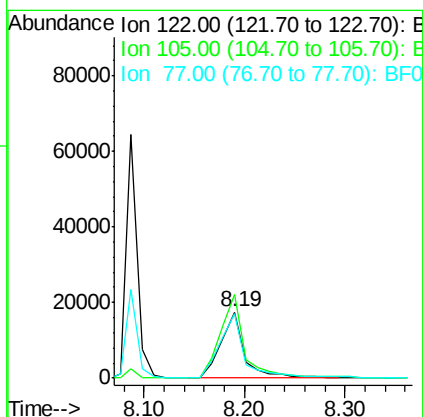
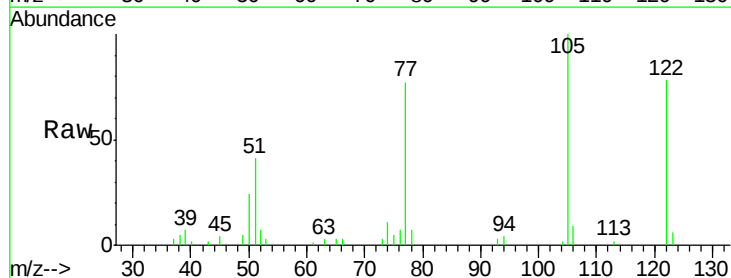
Instrument :
BNA_F
ClientSampleId :
PB84443BS

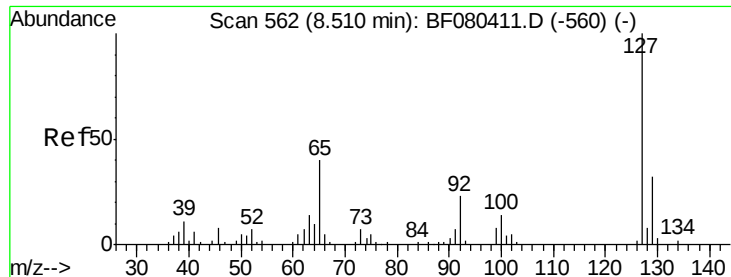
Tgt Ion:128 Resp: 159405
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.5 10.7 16.1



#32
Benzoic acid
Concen: 32.84 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion:122 Resp: 28787
Ion Ratio Lower Upper
122 100
105 127.7 108.8 148.8
77 98.8 84.2 124.2

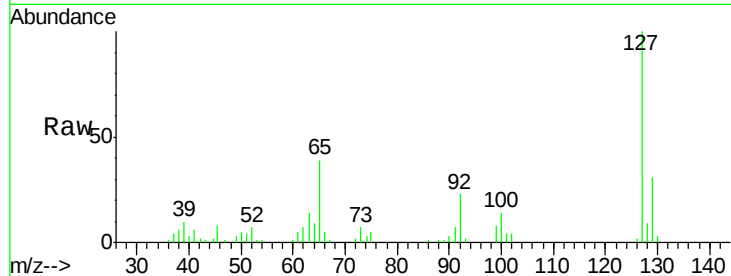




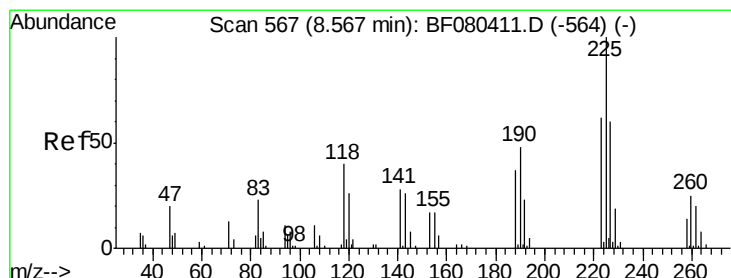
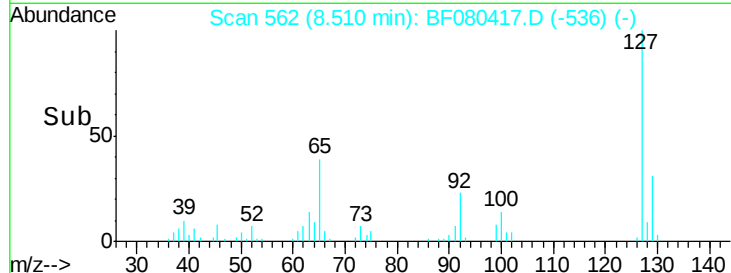
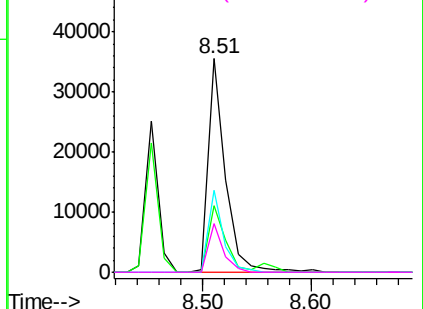
#33
4-Chloroaniline
Concen: 24.99 ng
RT: 8.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Instrument :
BNA_F
ClientSampleId :
PB84443BS

Tgt Ion:	127	Resp:	39411
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.5	38.3
65	38.6	31.8	47.8
92	22.7	18.4	27.6

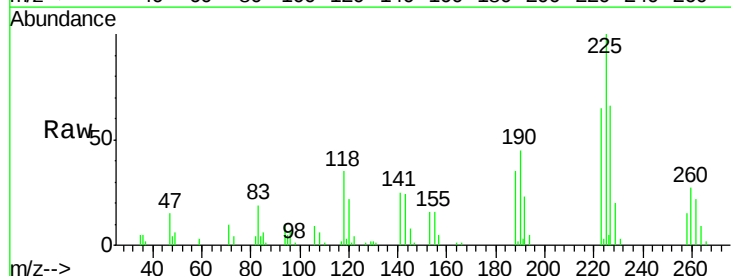


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

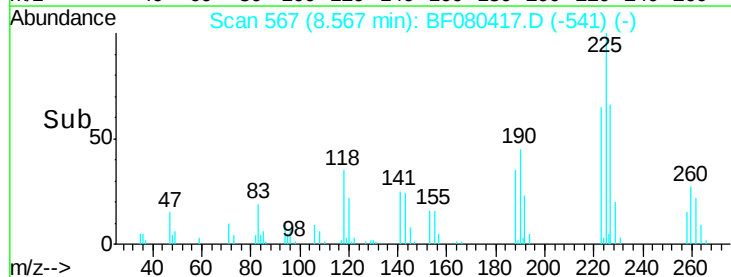
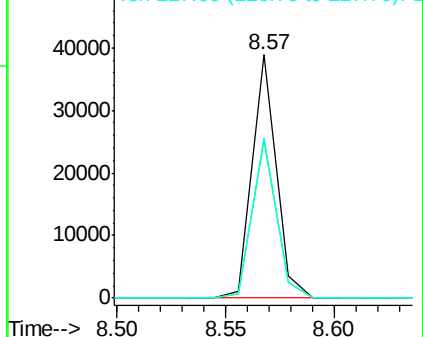


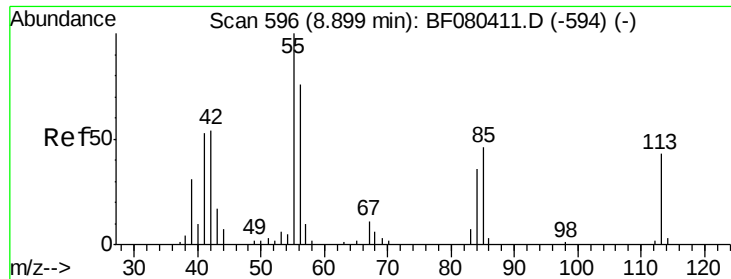
#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF080417.D
Acq: 11 Jul 2015 6:00

Tgt Ion:	225	Resp:	29990
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.5	74.3
227	65.8	48.0	72.0



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

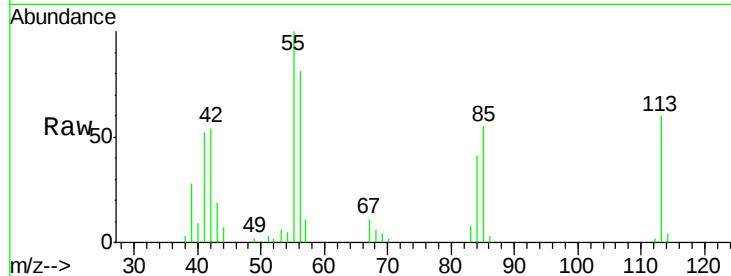




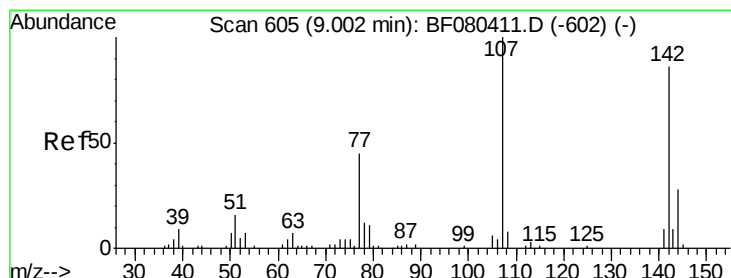
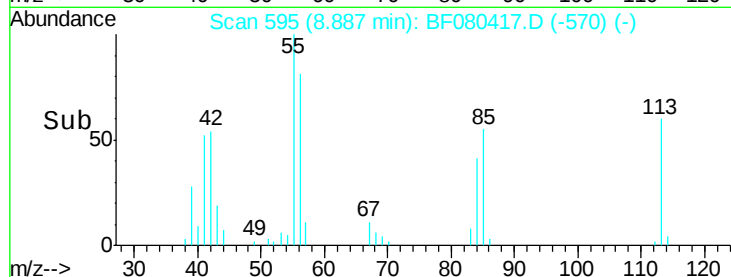
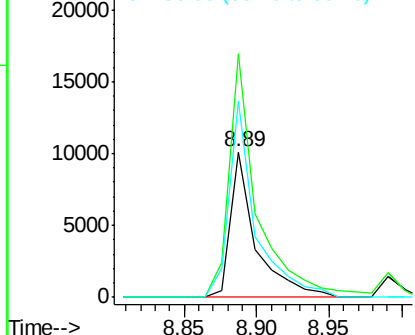
#35
 Caprolactam
 Concen: 37.14 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion:113 Resp: 12227
 Ion Ratio Lower Upper
 113 100
 55 167.8 214.2 254.2#
 56 135.3 156.9 196.9#

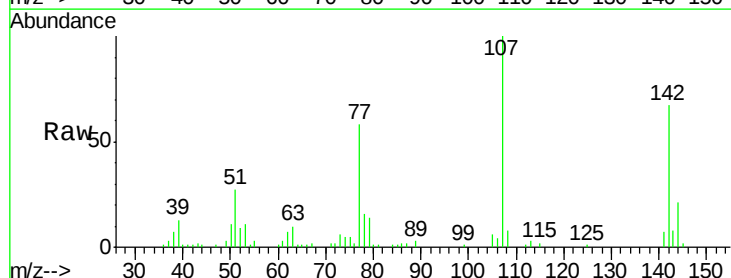


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

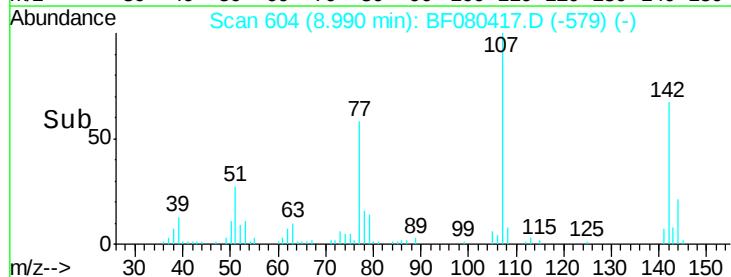
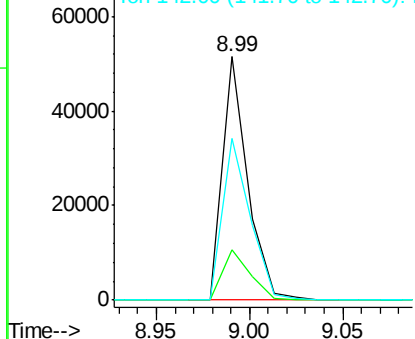


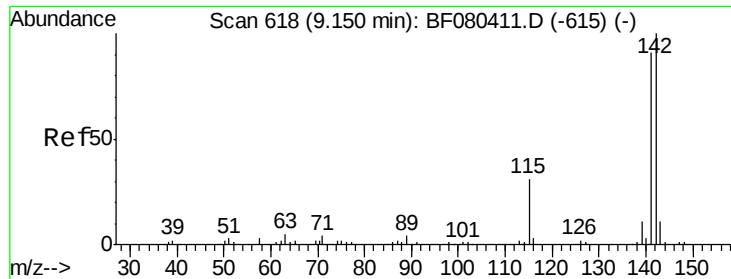
#36
 4-Chloro-3-methylphenol
 Concen: 39.93 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion:107 Resp: 48675
 Ion Ratio Lower Upper
 107 100
 144 20.9 22.6 34.0#
 142 66.7 68.7 103.1#



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

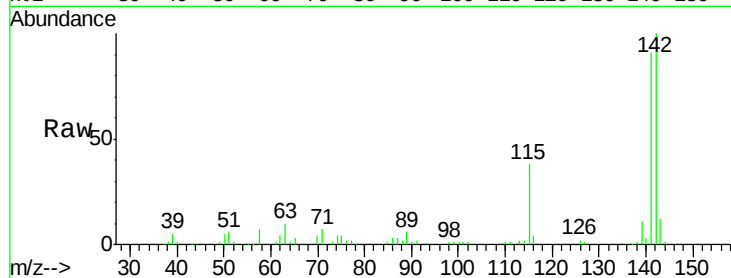




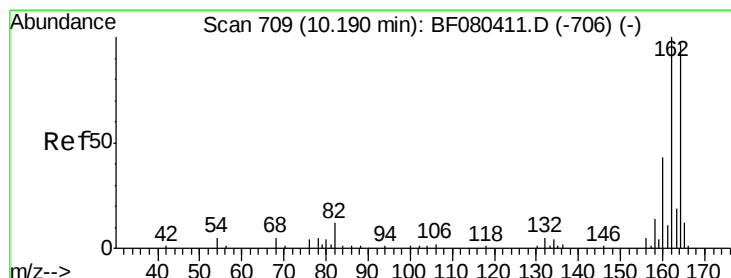
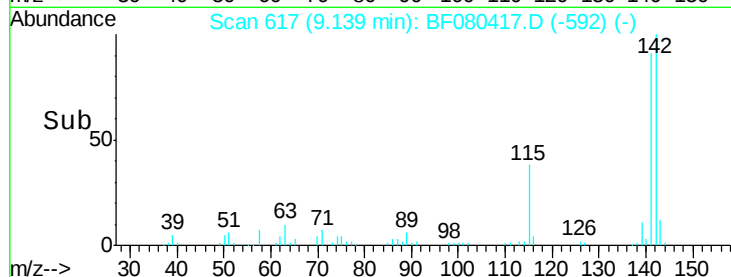
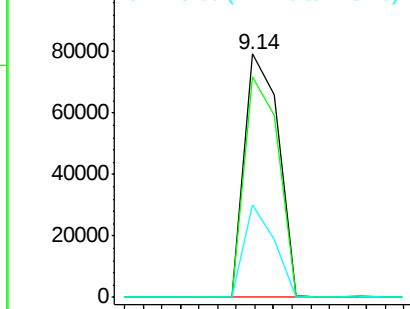
#37
 2-Methylnaphthalene
 Concen: 32.69 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 PB84443BS

Tgt Ion:142 Resp: 100389
 Ion Ratio Lower Upper
 142 100
 141 90.8 73.0 109.4
 115 37.8 25.0 37.4#

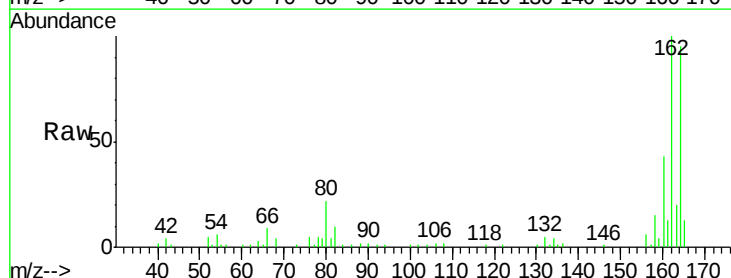


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

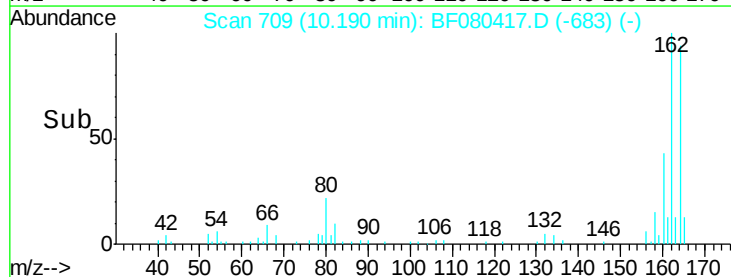
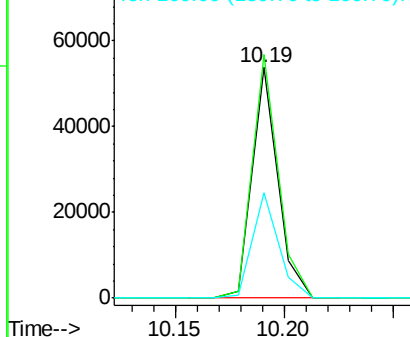


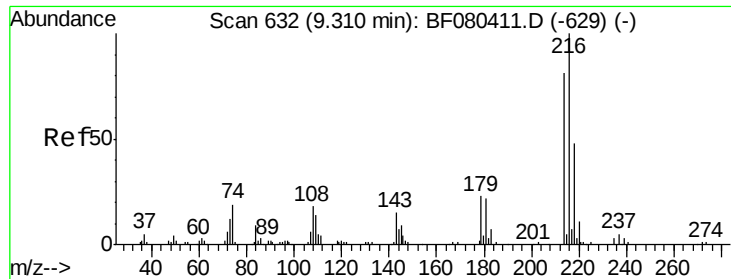
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.19 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF080417.D
 Acq: 11 Jul 2015 6:00

Tgt Ion:164 Resp: 43924
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.7 124.1
 160 45.5 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.15 ng

RT: 9.31 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

Instrument :

BNA_F

ClientSampleId :

PB84443BS

Tgt Ion:216 Resp: 51659

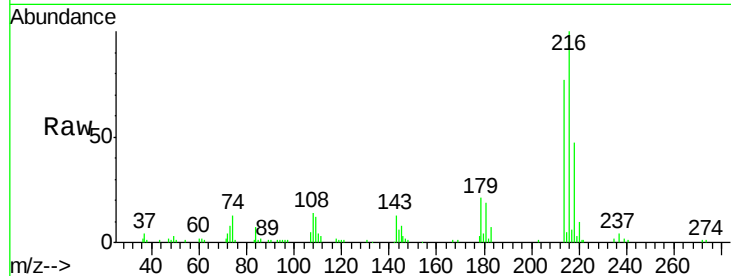
Ion Ratio Lower Upper

216 100

214 77.9 64.6 97.0

179 21.3 17.9 26.9

108 19.7 15.8 23.6

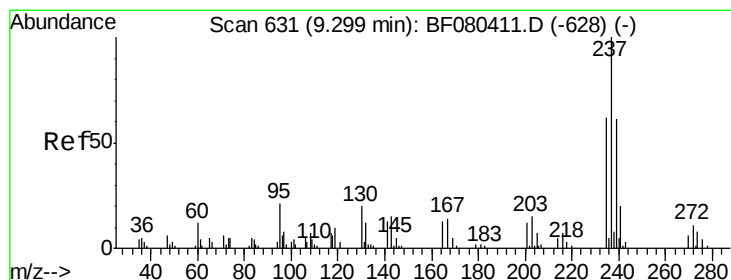
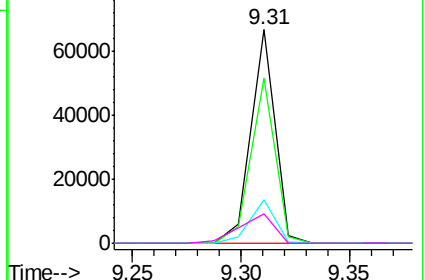
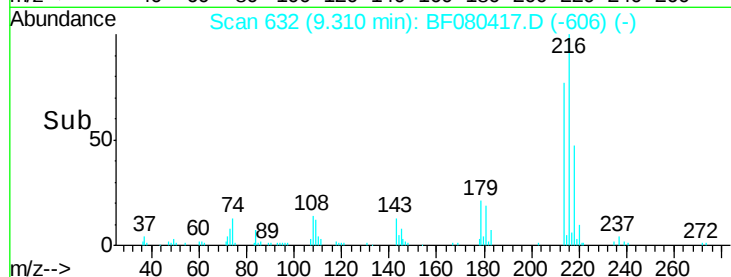


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.82 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF080417.D

Acq: 11 Jul 2015 6:00

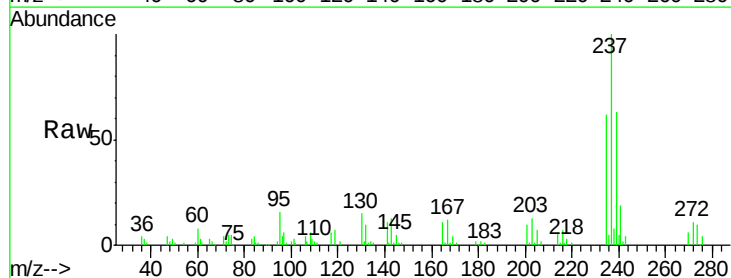
Tgt Ion:237 Resp: 61205

Ion Ratio Lower Upper

237 100

235 61.8 42.4 82.4

272 11.4 0.0 31.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

