

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052115\
 Data File : BF079419.D
 Acq On : 21 May 2015 22:58
 Operator : TP/IZ
 Sample : PB83529BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83529BS

Quant Time: May 22 01:34:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	62466	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	257330	20.00	ng	0.00
38) Acenaphthene-d10	10.81	164	123055	20.00	ng	-0.01
63) Phenanthrene-d10	12.65	188	241417	20.00	ng	0.00
75) Chrysene-d12	15.93	240	240816	20.00	ng	-0.03
86) Perylene-d12	17.65	264	242265	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	432432	119.16	ng	0.00
7) Phenol-d6	6.65	99	589999	123.00	ng	0.00
23) Nitrobenzene-d5	7.77	82	328838	73.44	ng	0.00
41) 2,4,6-Tribromophenol	11.79	330	169949	127.66	ng	-0.01
44) 2-Fluorobiphenyl	10.00	172	687737	77.86	ng	0.00
78) Terphenyl-d14	14.65	244	797272	79.26	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.66	93	117672	17.38	ng	# 1
8) 2-Chlorophenol	6.80	128	167409	40.67	ng	91
9) Benzaldehyde	6.51	77	26857	8.31	ng	94
10) Phenol	6.66	94	211500	38.01	ng	80
11) bis(2-Chloroethyl)ether	6.76	93	154063	37.77	ng	92
12) 1,3-Dichlorobenzene	6.99	146	173359	37.47	ng	98
13) 1,4-Dichlorobenzene	7.10	146	173092	36.36	ng	96
14) 1,2-Dichlorobenzene	7.27	146	164065	37.02	ng	95
15) Benzyl Alcohol	7.26	79	125374	35.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.44	45	228483	36.61	ng	96
17) 2-Methylphenol	7.42	107	128861	38.91	ng	98
18) Hexachloroethane	7.69	117	60922	37.15	ng	95
19) n-Nitroso-di-n-propylamine	7.60	70	116321	35.90	ng	90
20) 3+4-Methylphenols	7.61	107	172551	39.10	ng	# 43
22) Acetophenone	7.59	105	228526	39.31	ng	# 82
24) Nitrobenzene	7.79	77	164613	37.09	ng	# 78
25) Isophorone	8.09	82	311689	37.55	ng	96
26) 2-Nitrophenol	8.18	139	73885	40.22	ng	# 87
27) 2,4-Dimethylphenol	8.25	122	144779	39.39	ng	93
28) bis(2-Chloroethoxy)methane	8.38	93	198529	38.80	ng	99
29) 2,4-Dichlorophenol	8.49	162	133078	40.71	ng	88
30) 1,2,4-Trichlorobenzene	8.58	180	139469	38.84	ng	98
31) Naphthalene	8.67	128	474586	38.71	ng	99
32) Benzoic acid	8.38	122	68690	32.22	ng	98
33) 4-Chloroaniline	8.75	127	106498	20.53	ng	94
34) Hexachlorobutadiene	8.83	225	76144	36.82	ng	95
35) Caprolactam	9.18	113	40747	38.55	ng	97
36) 4-Chloro-3-methylphenol	9.37	107	141686	41.27	ng	95
37) 2-Methylnaphthalene	9.53	142	327013	38.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	131309	37.89	ng	97
40) Hexachlorocyclopentadiene	9.72	237	91172	52.32	ng	95
42) 2,4,6-Trichlorophenol	9.88	196	88719	37.24	ng	96
43) 2,4,5-Trichlorophenol	9.94	196	92298	38.32	ng	99
45) 1,1'-Biphenyl	10.11	154	387355	39.60	ng	97

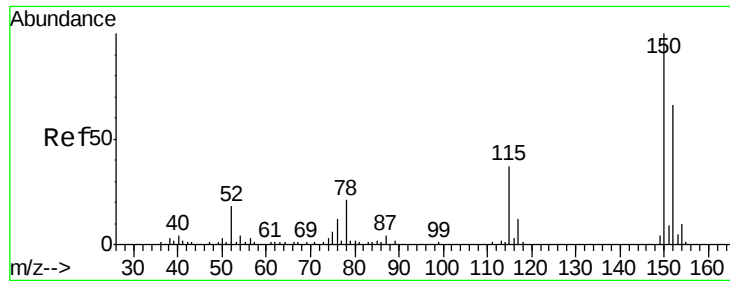
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	10.14	162	296926	38.91	nq	91
47) 2-Nitroaniline	10.27	65	85261	38.56	nq	# 53
48) Acenaphthylene	10.64	152	487310	38.90	nq	99
49) Dimethylphthalate	10.51	163	343774	38.06	nq	# 98
50) 2,6-Dinitrotoluene	10.58	165	73148	41.04	nq	# 82
51) Acenaphthene	10.86	154	280685	37.57	nq	99
52) 3-Nitroaniline	10.78	138	60825	27.32	nq	99
53) 2,4-Dinitrophenol	10.93	184	45169	67.20	nq	# 57
54) Dibenzofuran	11.07	168	435463	40.35	nq	98
55) 4-Nitrophenol	11.01	139	114898	65.20	nq	95
56) 2,4-Dinitrotoluene	11.07	165	94472	40.09	nq	# 45
57) Fluorene	11.50	166	348787	39.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.23	232	73785	37.48	nq	97
59) Diethylphthalate	11.38	149	352842	39.44	nq	100
60) 4-Chlorophenyl-phenylether	11.51	204	157172	40.00	nq	97
61) 4-Nitroaniline	11.53	138	84550	37.96	nq	97
62) Azobenzene	11.70	77	349853	39.68	nq	97
64) 4,6-Dinitro-2-methylphenol	11.58	198	38766	40.97	nq	# 38
65) n-Nitrosodiphenylamine	11.66	169	306162	38.08	nq	100
66) 4-Bromophenyl-phenylether	12.11	248	95718	38.04	nq	# 86
67) Hexachlorobenzene	12.17	284	111604	38.80	nq	# 73
68) Atrazine	12.33	200	91216	39.02	nq	98
69) Pentachlorophenol	12.42	266	97984	60.09	nq	96
70) Phenanthrene	12.69	178	503917	37.31	nq	99
71) Anthracene	12.74	178	514038	38.80	nq	100
72) Carbazole	12.96	167	500317	39.62	nq	99
73) Di-n-butylphthalate	13.42	149	587572	38.80	nq	99
74) Fluoranthene	14.16	202	563270	40.02	nq	92
76) Benzidine	14.34	184	229503	35.36	nq	97
77) Pyrene	14.43	202	577426	41.61	nq	99
79) Butylbenzylphthalate	15.27	149	262140	43.21	nq	96
80) Benzo(a)anthracene	15.92	228	521368	39.54	nq	99
81) 3,3'-Dichlorobenzidine	15.91	252	131376	27.97	nq	99
82) Chrysene	15.97	228	499093	39.35	nq	98
83) Bis(2-ethylhexyl)phthalate	15.99	149	385819	41.99	nq	100
84) Di-n-octyl phthalate	16.78	149	669649	41.38	nq	97
85) Indeno(1,2,3-cd)pyrene	18.99	276	644063	39.85	nq	99
87) Benzo(b)fluoranthene	17.21	252	528652	39.87	nq	# 96
88) Benzo(k)fluoranthene	17.21	252	528652	41.18	nq	99
89) Benzo(a)pyrene	17.59	252	522180	42.77	nq	98
90) Dibenzo(a,h)anthracene	19.02	278	532205	41.01	nq	99
91) Benzo(g,h,i)perylene	19.38	276	543441	41.78	nq	96

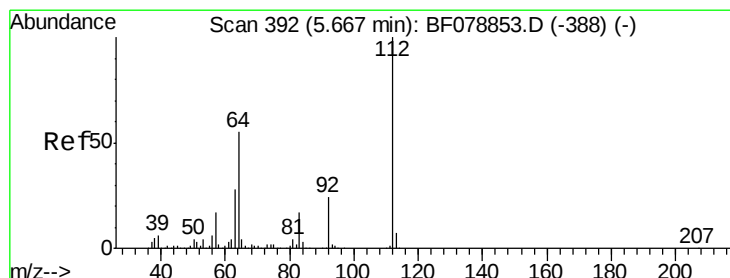
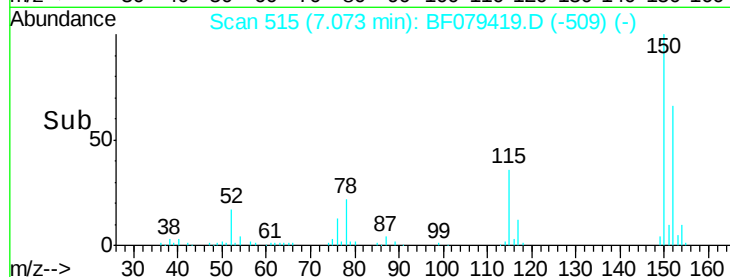
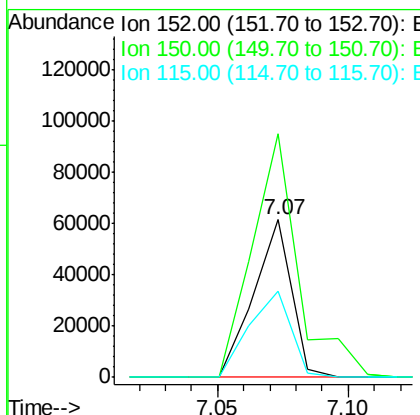
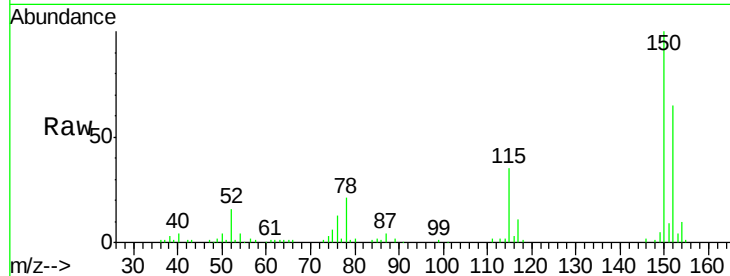
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF079419.D
 Acq: 21 May 2015 22:58

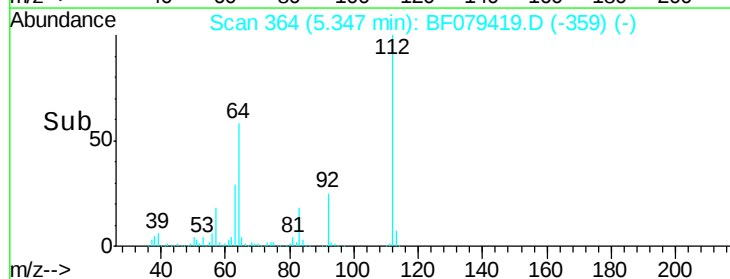
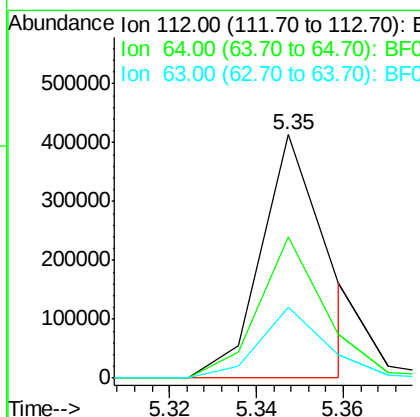
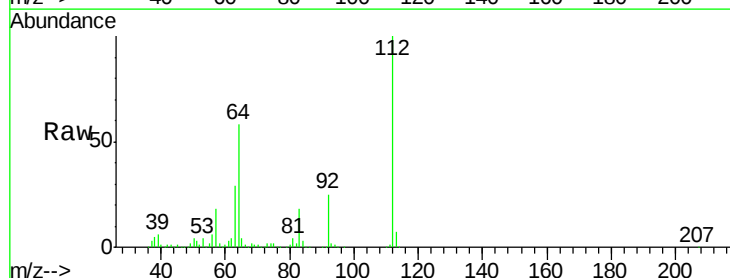
Instrument :
 BNA_F
 ClientSampleId :
 PB83529BS

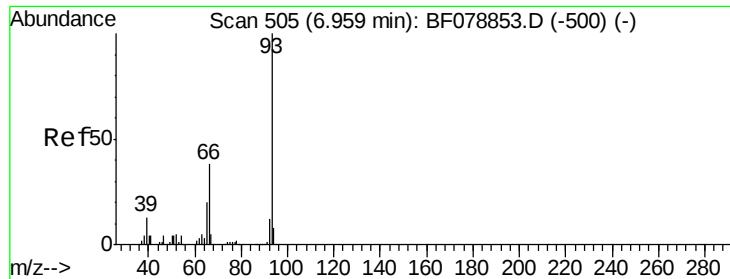
Tot Ion:152 Resp: 62466
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.8
 115 54.4 49.4 74.0



#5
 2-Fluorophenol
 Concen: 119.16 ng
 RT: 5.35 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: BF079419.D
 Acq: 21 May 2015 22:58

Tgt Ion:112 Resp: 432432
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.2 66.2
 63 29.3 22.7 34.1





#6

Aniline

Concen: 17.38 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

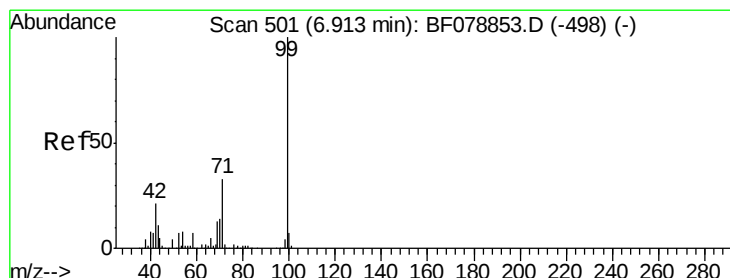
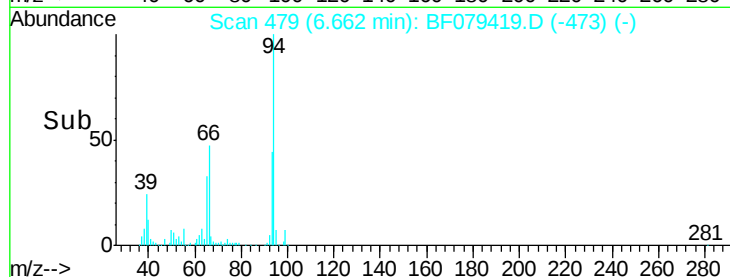
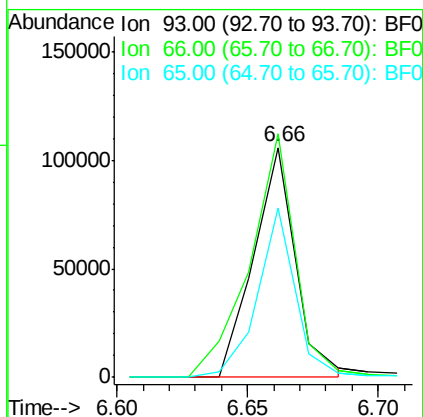
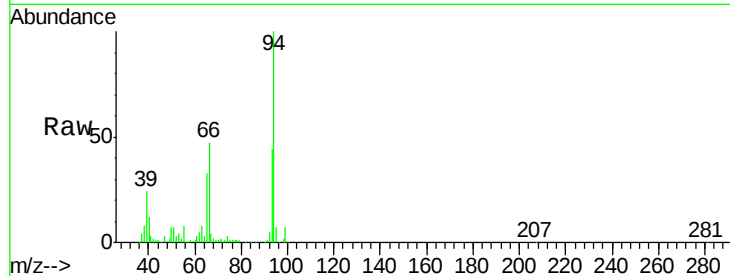
Tot Ion: 93 Resp: 117672

Ion Ratio Lower Upper

93 100

66 106.0 30.7 46.1#

65 73.9 15.8 23.8#



#7

Phenol-d6

Concen: 123.00 ng

RT: 6.65 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

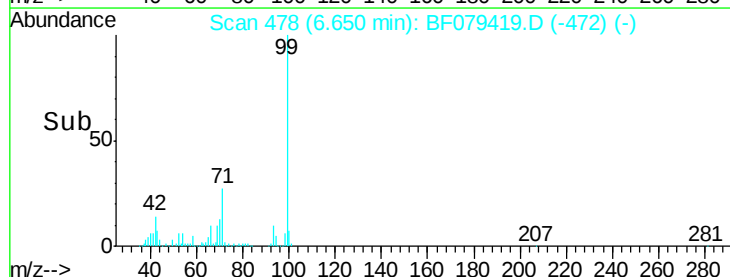
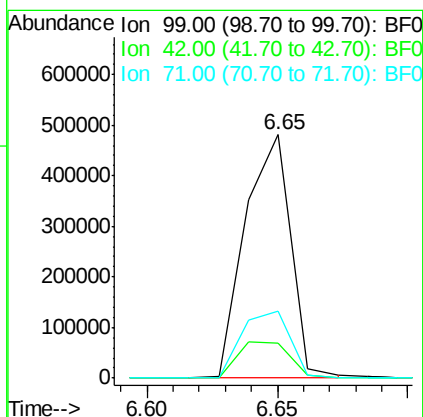
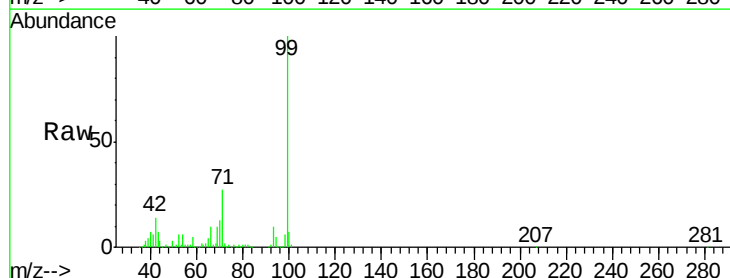
Tgt Ion: 99 Resp: 589999

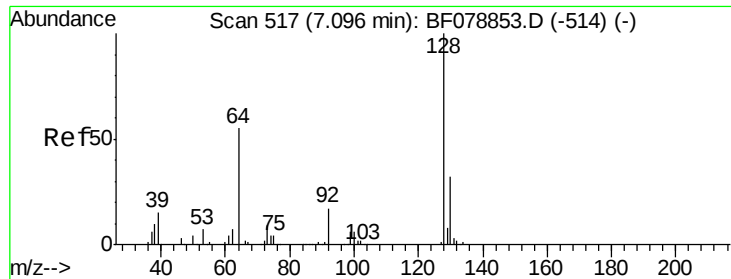
Ion Ratio Lower Upper

99 100

42 14.4 17.1 25.7#

71 27.4 26.3 39.5





#8

2-Chlorophenol

Concen: 40.67 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

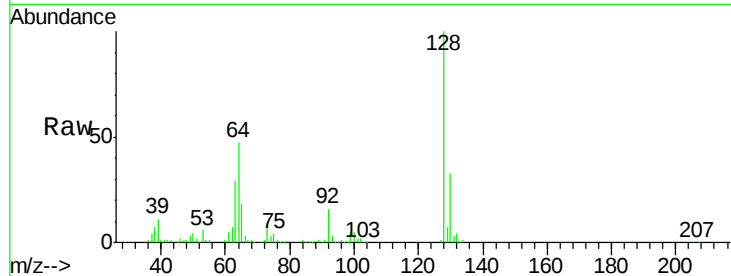
Tot Ion:128 Resp: 167409

Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

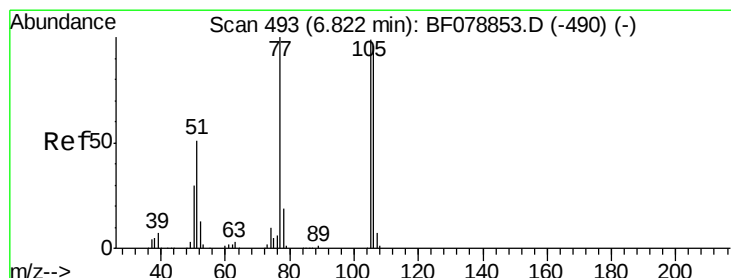
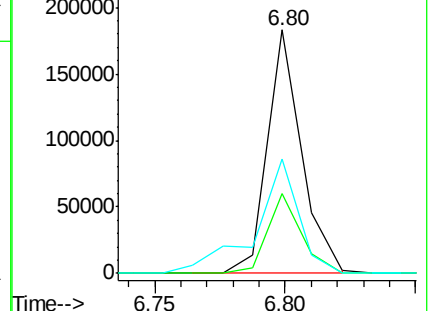
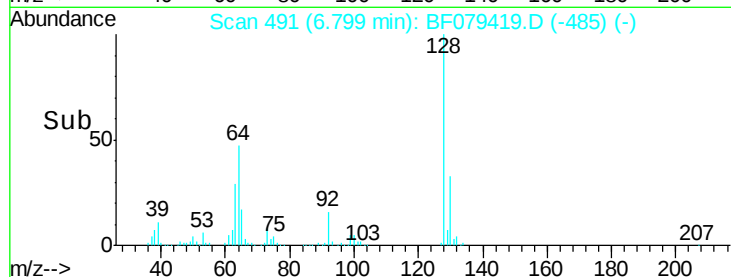
64 47.2 37.8 77.8



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: 8.31 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

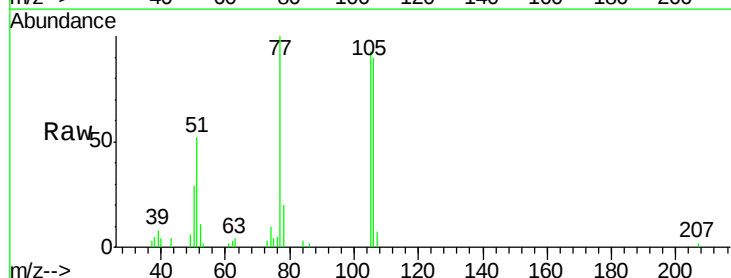
Tgt Ion: 77 Resp: 26857

Ion Ratio Lower Upper

77 100

105 92.9 78.9 118.9

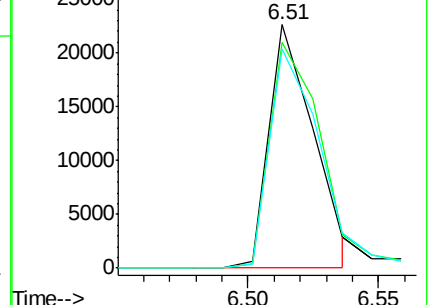
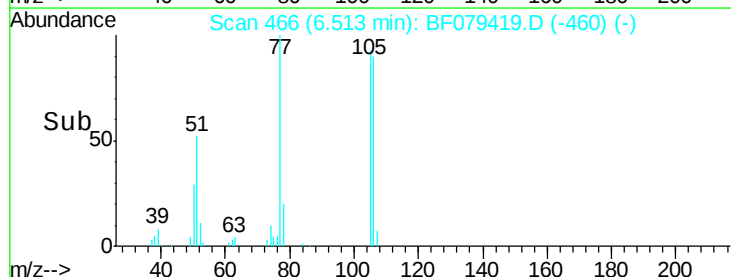
106 90.0 75.8 115.8

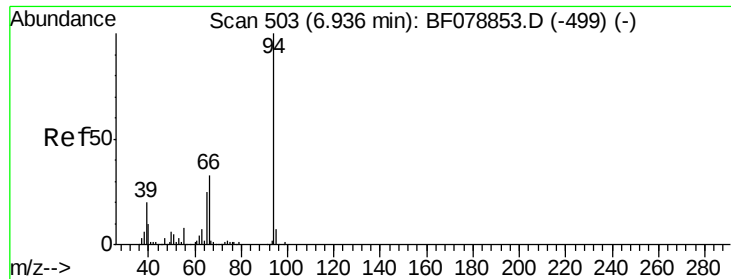


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 38.01 ng

RT: 6.66 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

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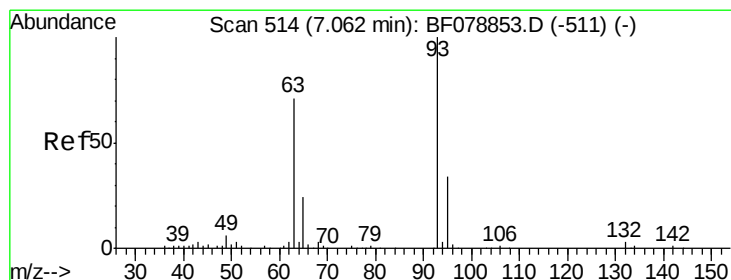
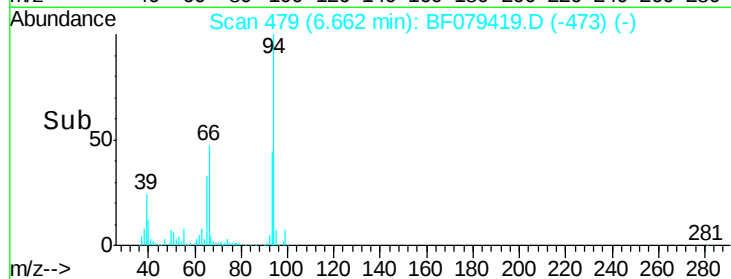
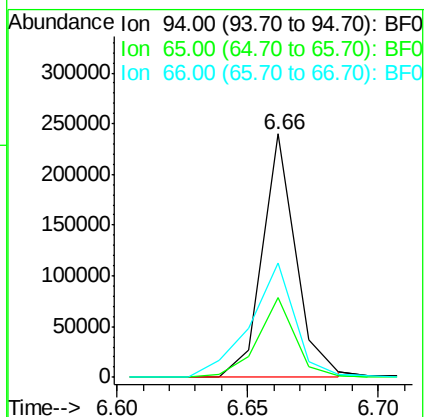
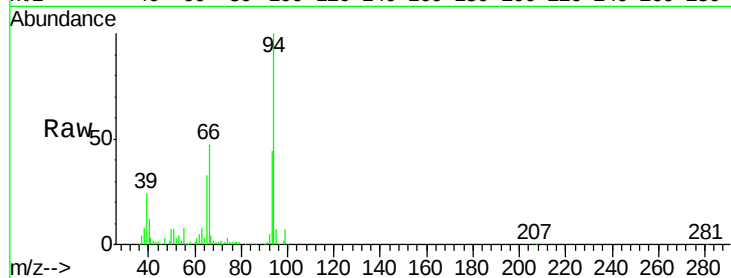
Tot Ion: 94 Resp: 211500

Ion Ratio Lower Upper

94 100

65 32.6 5.1 45.1

66 46.7 13.1 53.1



#11

bis(2-Chloroethyl)ether

Concen: 37.77 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

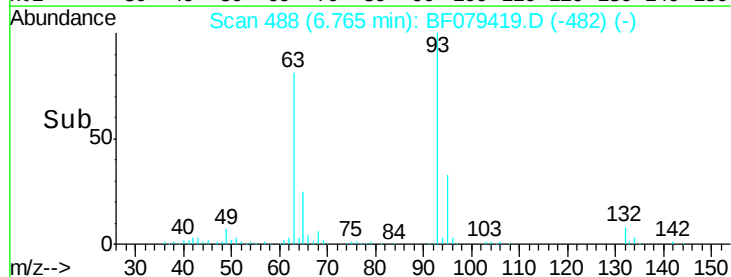
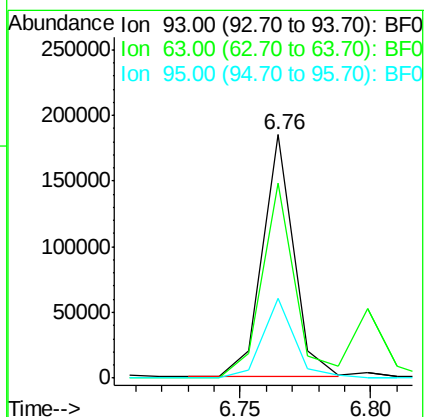
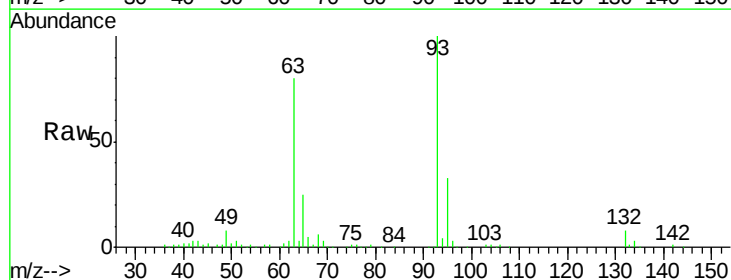
Tgt Ion: 93 Resp: 154063

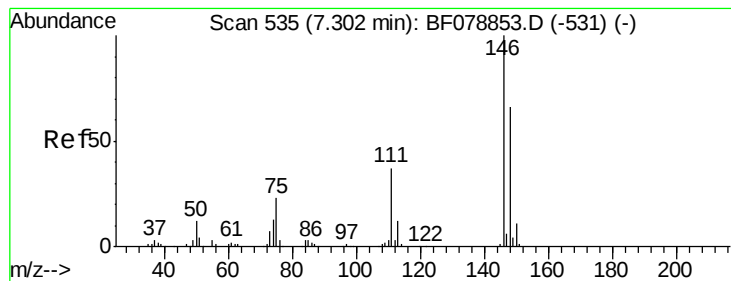
Ion Ratio Lower Upper

93 100

63 80.3 50.8 90.8

95 32.9 13.9 53.9





#12

1,3-Dichlorobenzene

Concen: 37.47 ng

RT: 6.99 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

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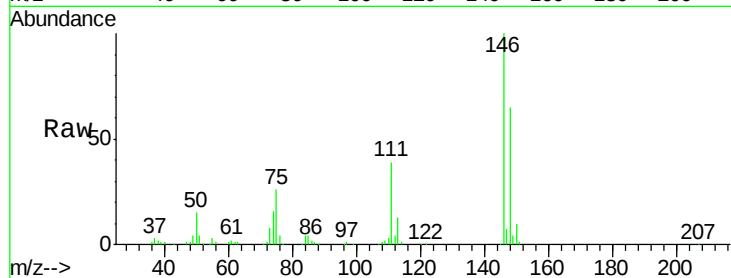
Tot Ion:146 Resp: 173359

Ion Ratio Lower Upper

146 100

148 64.7 52.4 78.6

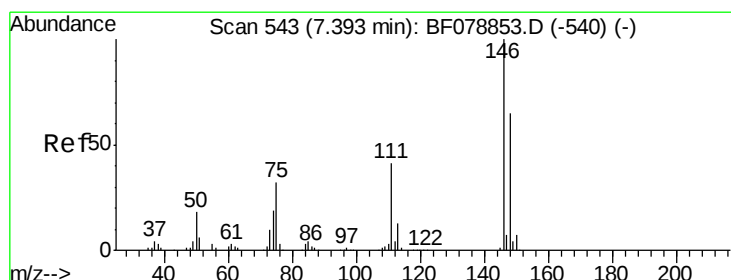
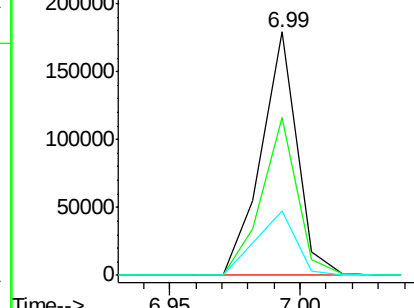
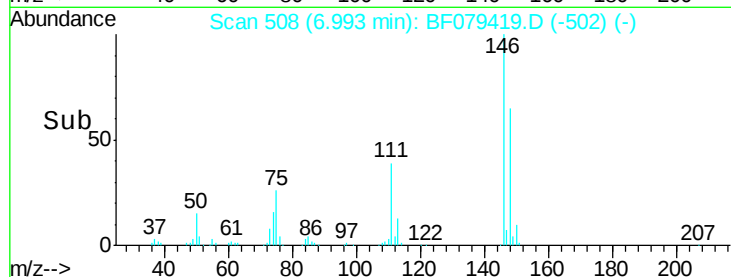
75 26.4 18.6 27.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 36.36 ng

RT: 7.10 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

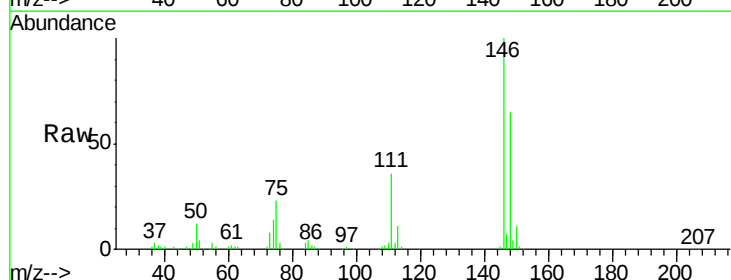
Tgt Ion:146 Resp: 173092

Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

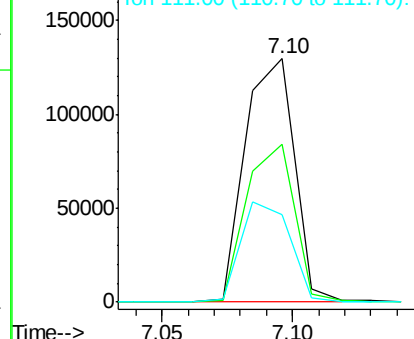
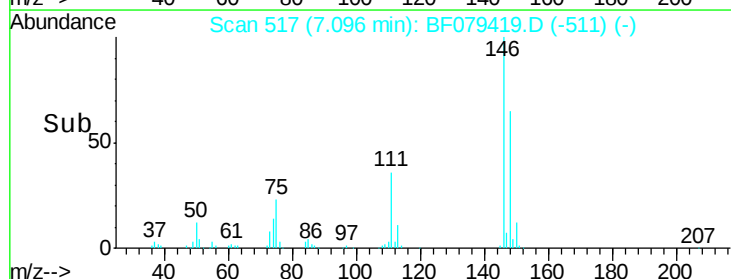
111 35.8 32.8 49.2

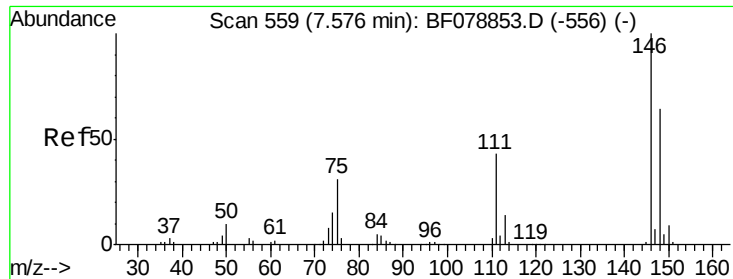


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.02 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

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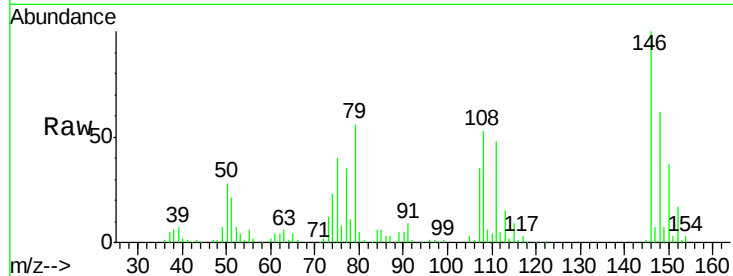
Tot Ion:146 Resp: 164065

Ion Ratio Lower Upper

146 100

148 61.8 51.1 76.7

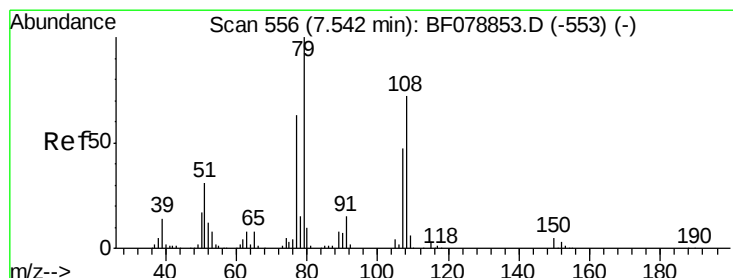
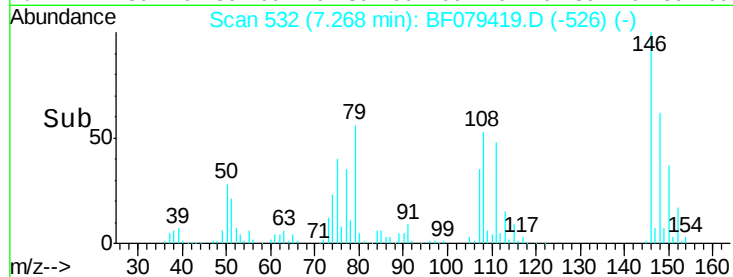
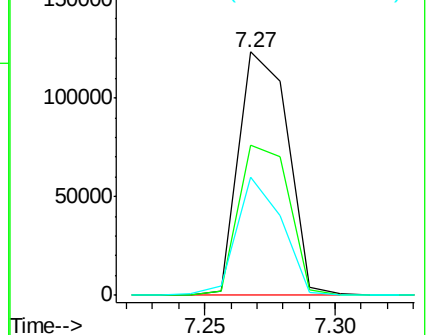
111 48.4 34.6 52.0



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: 35.21 ng

RT: 7.26 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

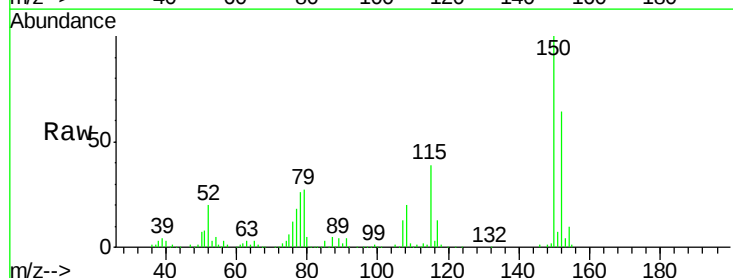
Tgt Ion: 79 Resp: 125374

Ion Ratio Lower Upper

79 100

108 73.9 57.4 86.2

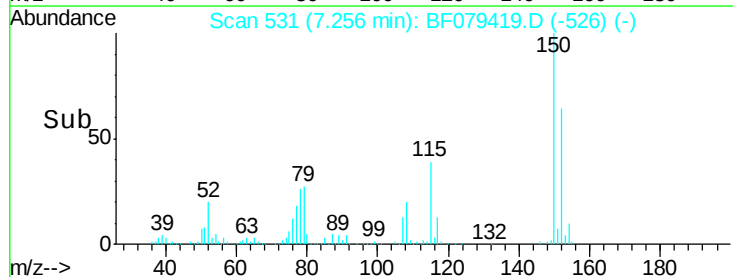
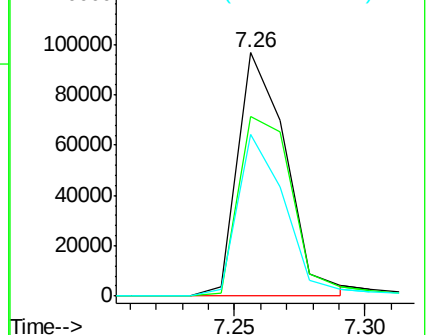
77 66.3 50.2 75.4

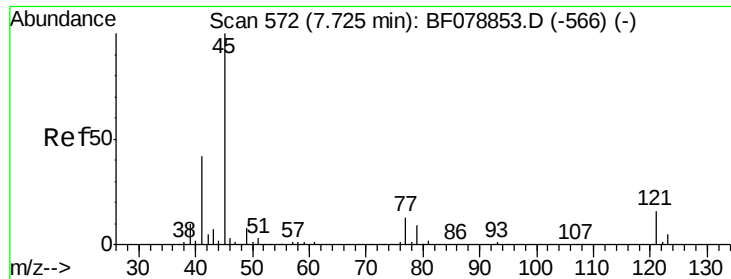


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

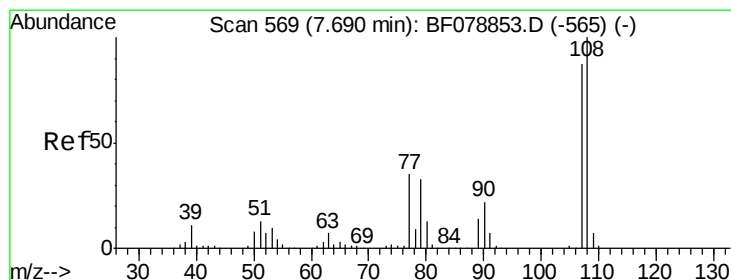
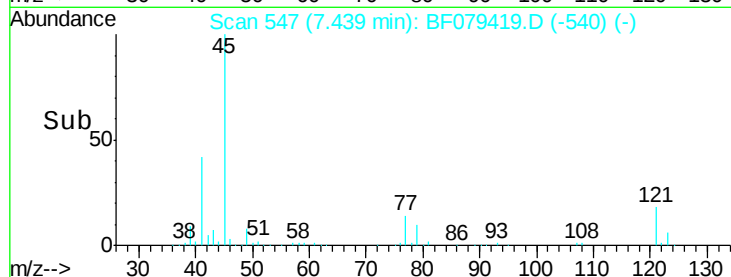
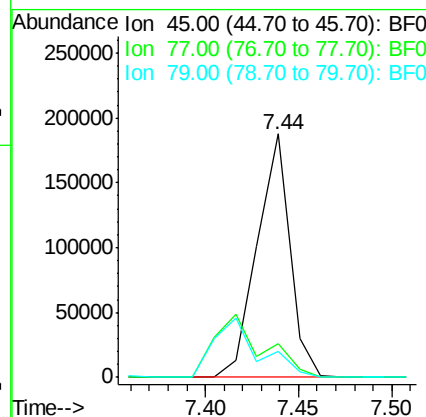
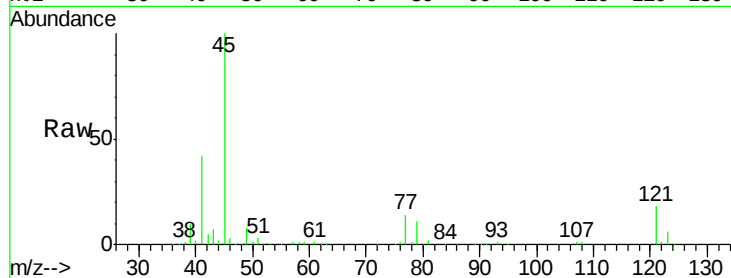




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.61 ng
RT: 7.44 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

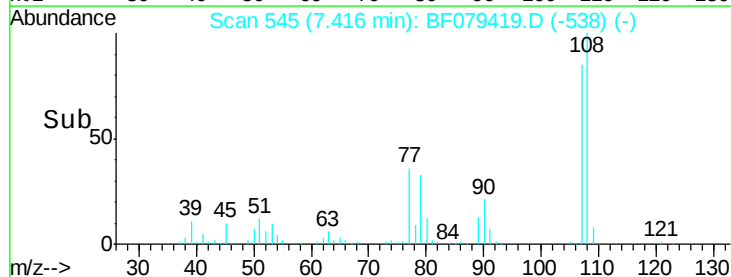
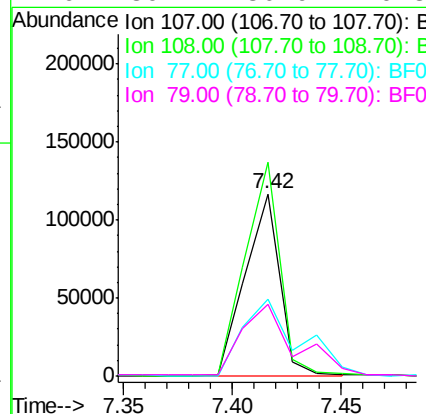
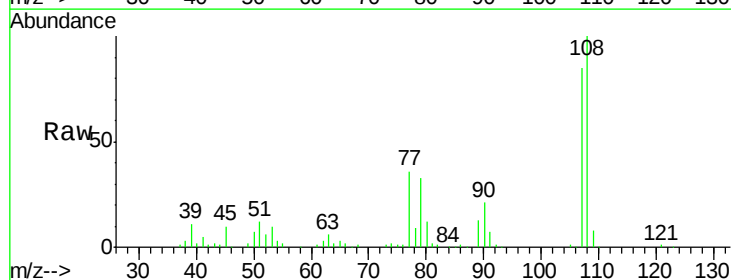
Instrument :
BNA_F
ClientSampleId :
PB83529BS

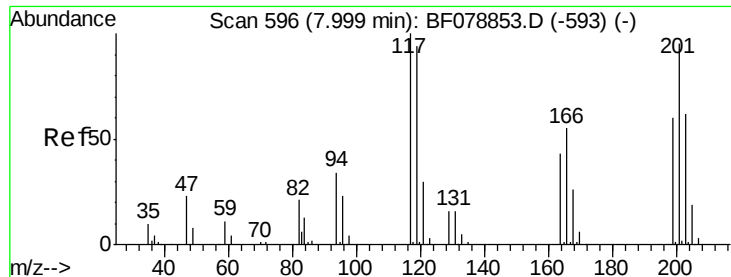
Tot Ion: 45 Resp: 228483
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.6
79 10.9 0.0 29.3



#17
2-Methylphenol
Concen: 38.91 ng
RT: 7.42 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Tgt Ion: 107 Resp: 128861
Ion Ratio Lower Upper
107 100
108 117.4 92.4 138.6
77 42.1 32.6 49.0
79 39.1 30.9 46.3

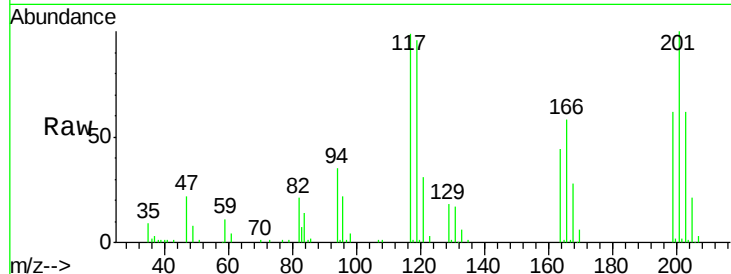




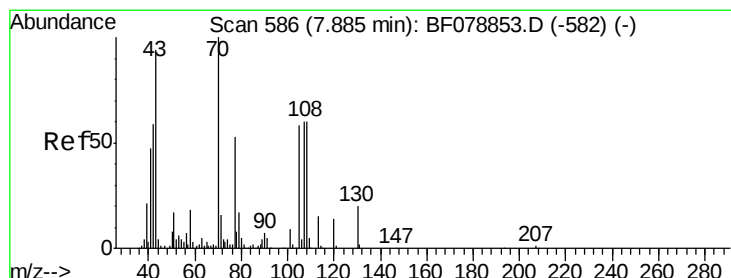
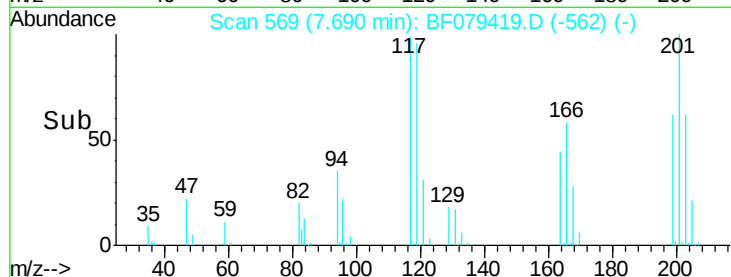
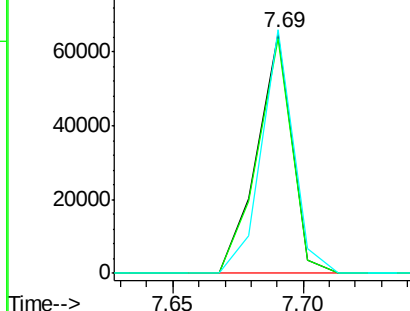
#18
Hexachloroethane
Concen: 37.15 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
PB83529BS

Tot Ion:117 Resp: 60922
Ion Ratio Lower Upper
117 100
119 97.8 75.2 112.8
201 101.4 75.8 113.8



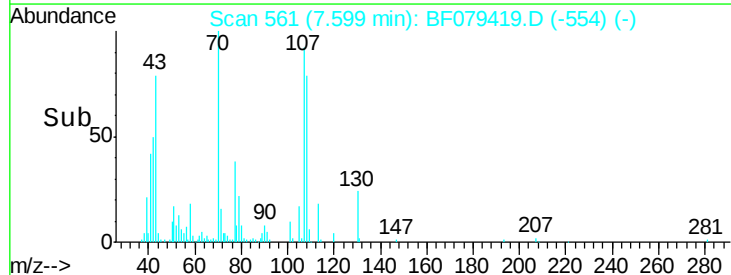
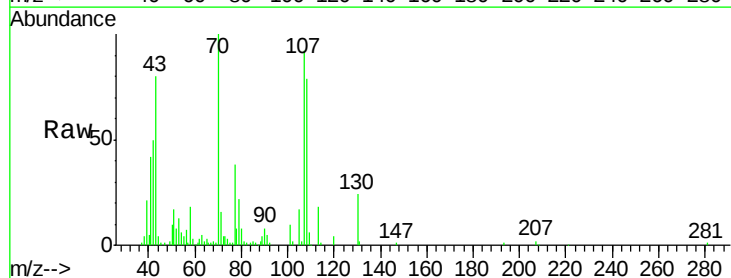
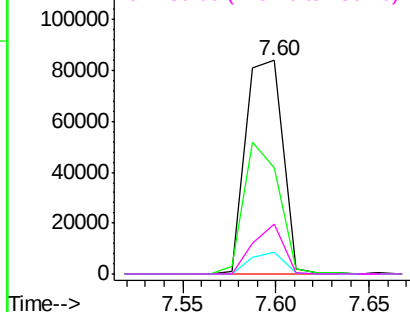
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

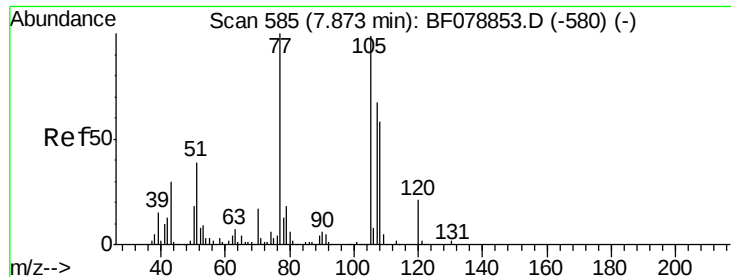


#19
n-Nitroso-di-n-propylamine
Concen: 35.90 ng
RT: 7.60 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Tgt Ion: 70 Resp: 116321
Ion Ratio Lower Upper
70 100
42 50.0 47.3 70.9
101 10.0 7.5 11.3
130 23.6 15.8 23.6

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





#20

3+4-Methylphenols

Concen: 39.10 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

Tot Ion:107 Resp: 172551

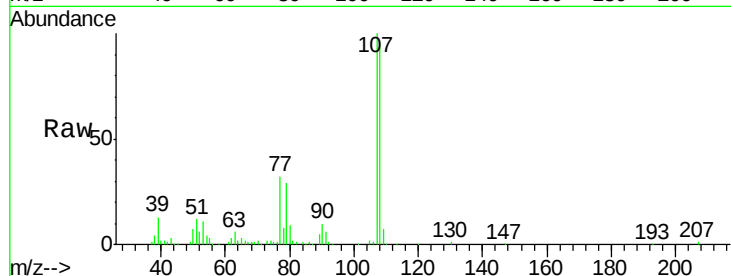
Ion Ratio Lower Upper

107 100

108 96.2 66.5 106.5

77 31.6 130.6 170.6#

79 29.1 6.4 46.4

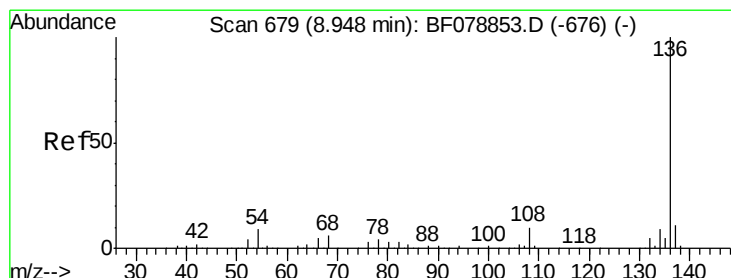
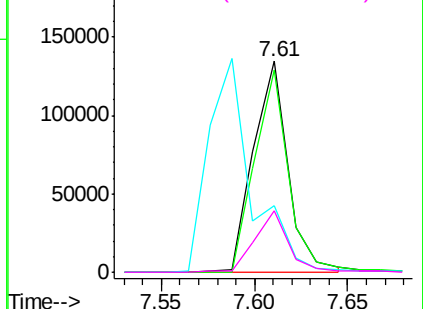
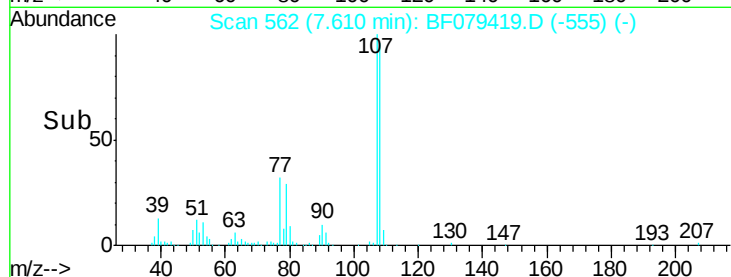


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Tgt Ion:136 Resp: 257330

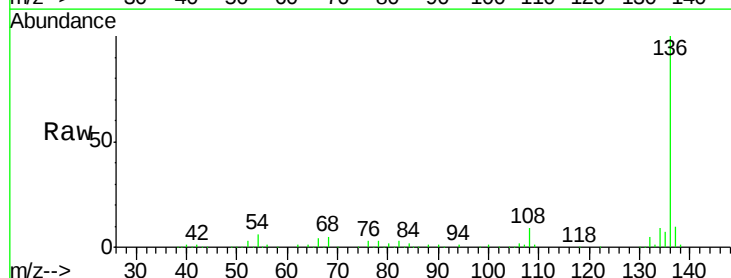
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.1 6.9 10.3#

68 4.7 4.9 7.3#

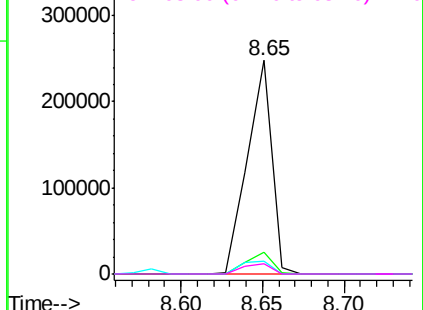
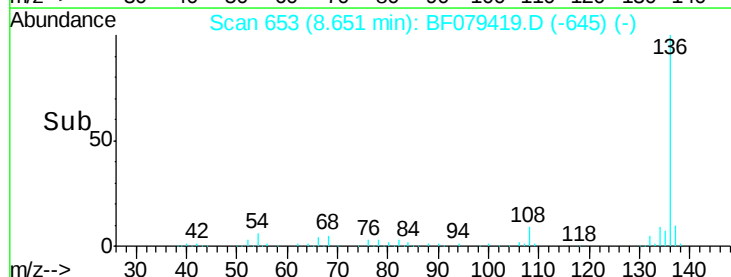


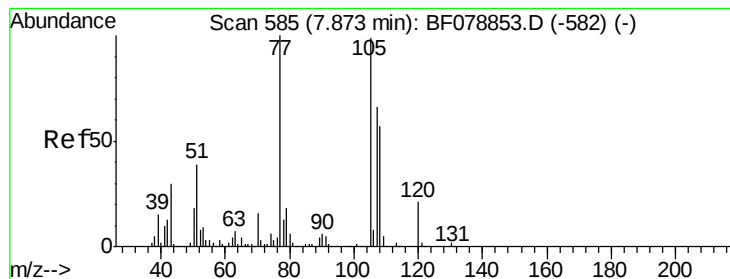
Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.31 ng

RT: 7.59 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

Tot Ion:105 Resp: 228526

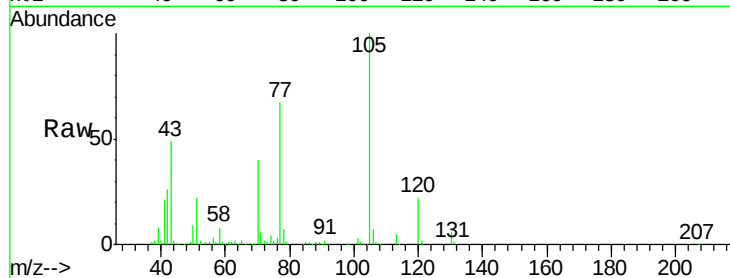
Ion Ratio Lower Upper

105 100

71 6.5 2.2 3.4#

51 21.9 31.1 46.7#

120 21.8 16.7 25.1



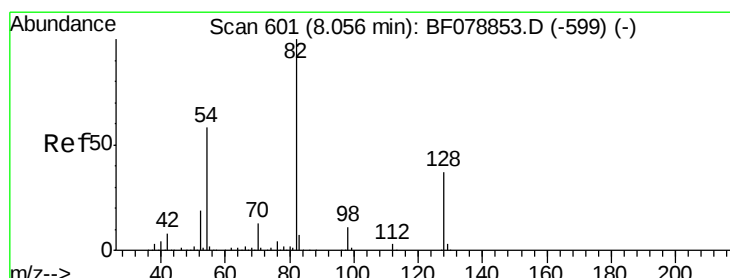
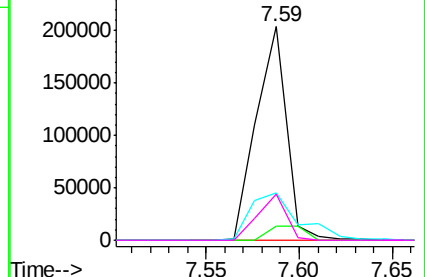
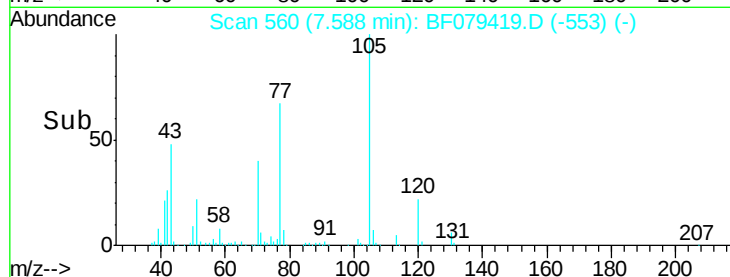
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 73.44 ng

RT: 7.77 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

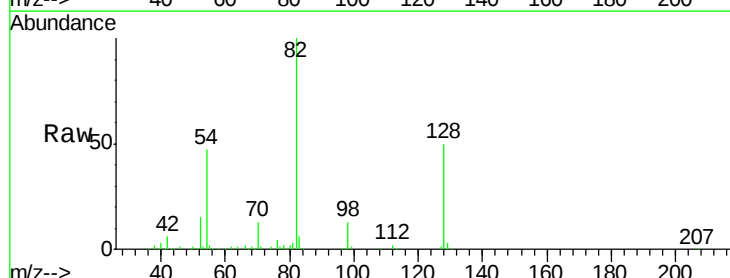
Tgt Ion: 82 Resp: 328838

Ion Ratio Lower Upper

82 100

128 50.1 29.7 44.5#

54 47.3 46.2 69.4

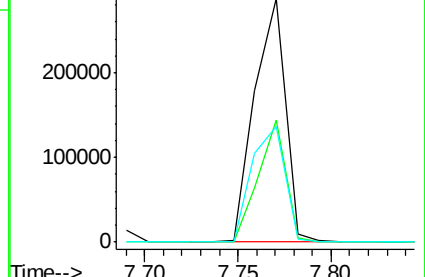
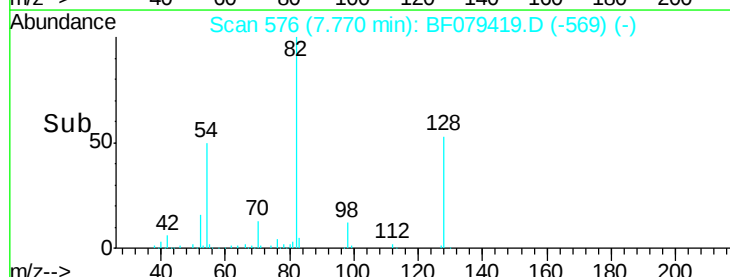


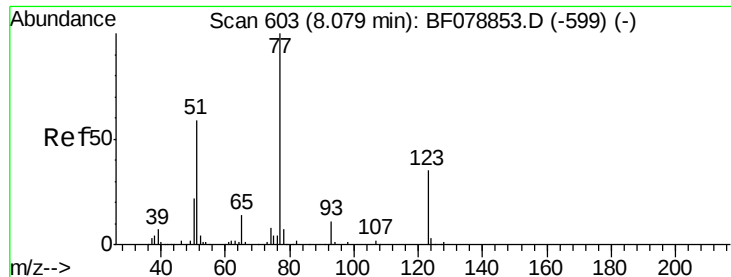
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 37.09 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

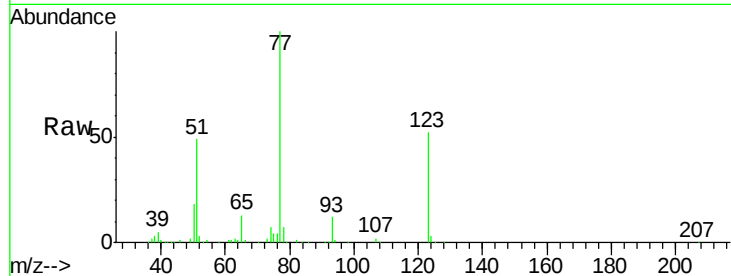
Tot Ion: 77 Resp: 164613

Ion Ratio Lower Upper

77 100

123 52.3 28.3 42.5#

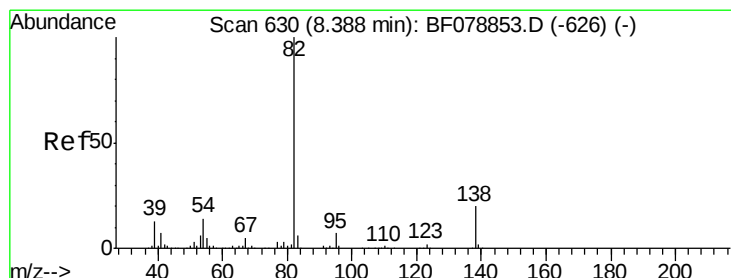
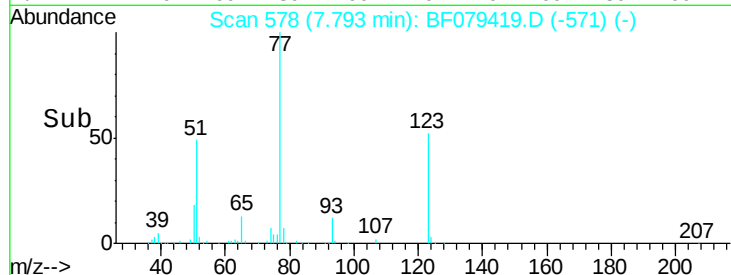
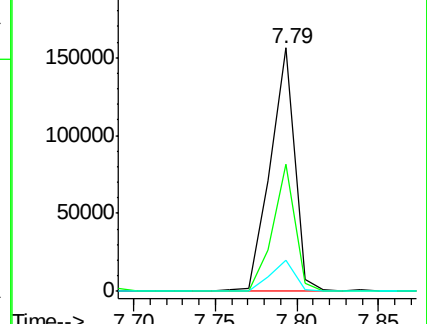
65 12.7 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 37.55 ng

RT: 8.09 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

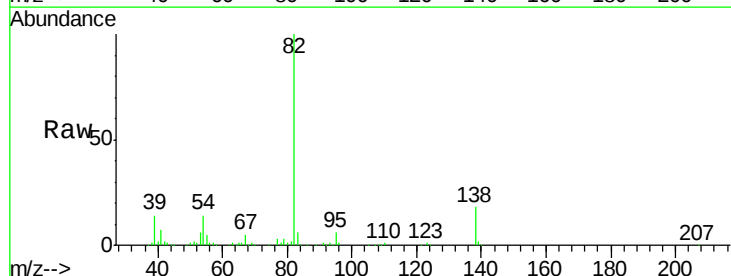
Tgt Ion: 82 Resp: 311689

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.2

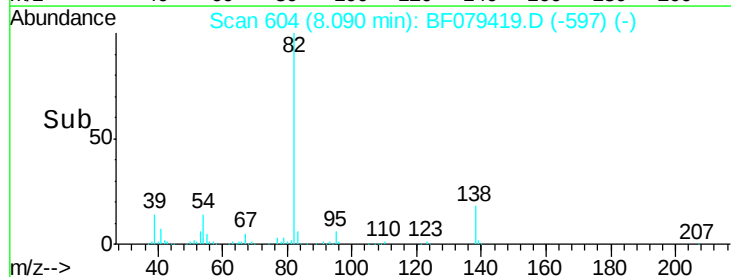
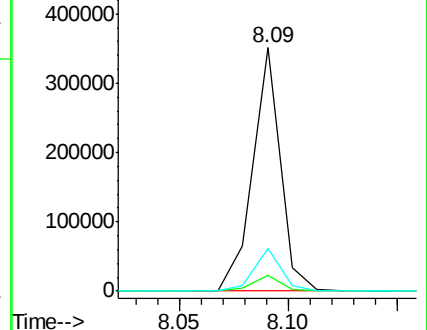
138 17.6 16.1 24.1

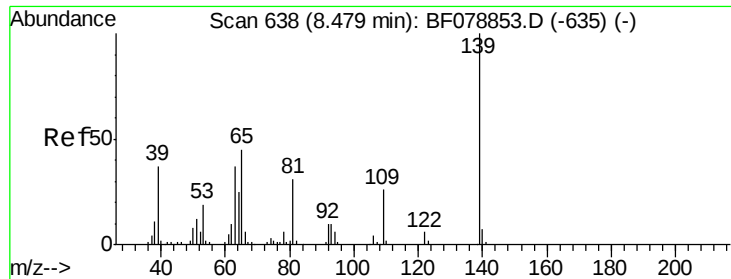


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

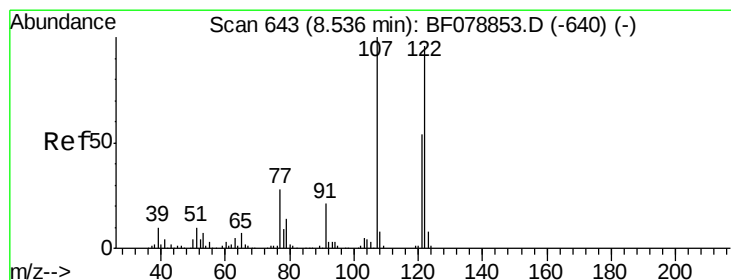
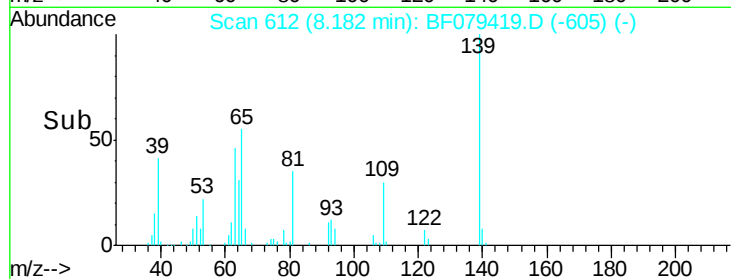
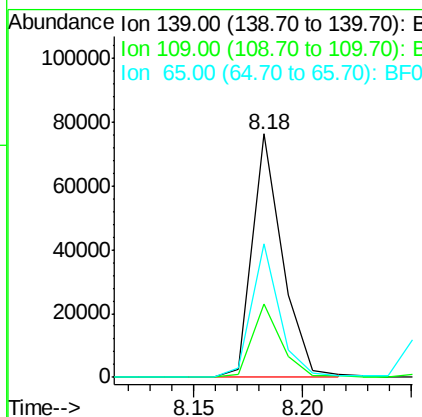
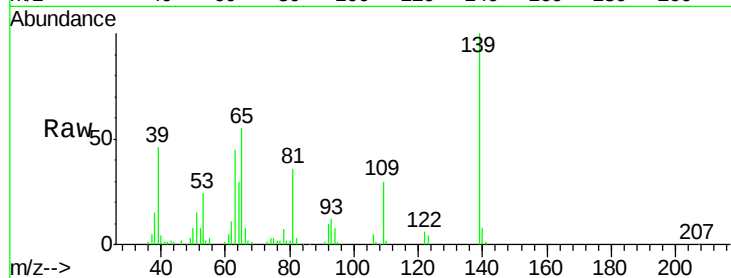




#26
 2-Nitrophenol
 Concen: 40.22 ng
 RT: 8.18 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF079419.D
 Acq: 21 May 2015 22:58

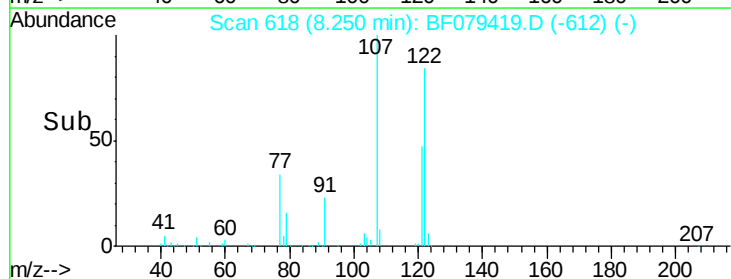
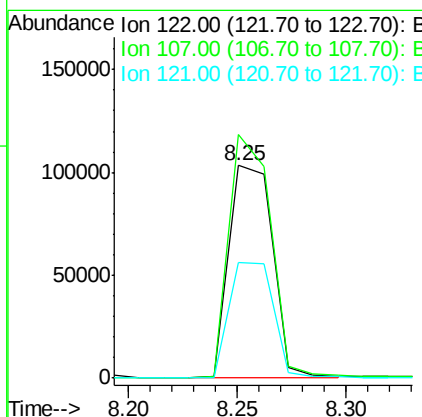
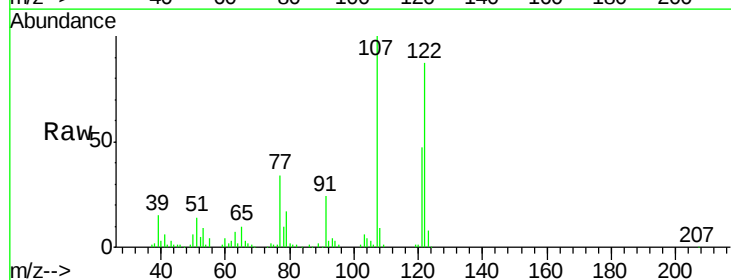
Instrument :
 BNA_F
 ClientSampleId :
 PB83529BS

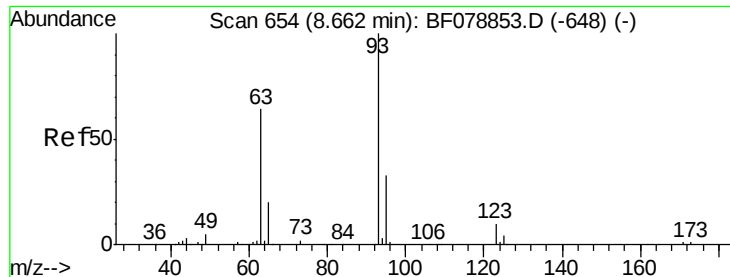
Tot Ion	Ratio	Lower	Upper
139	100		
109	30.1	20.9	31.3
65	55.0	35.8	53.8#



#27
 2,4-Dimethylphenol
 Concen: 39.39 ng
 RT: 8.25 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF079419.D
 Acq: 21 May 2015 22:58

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.5	83.6	125.4
121	54.1	44.9	67.3



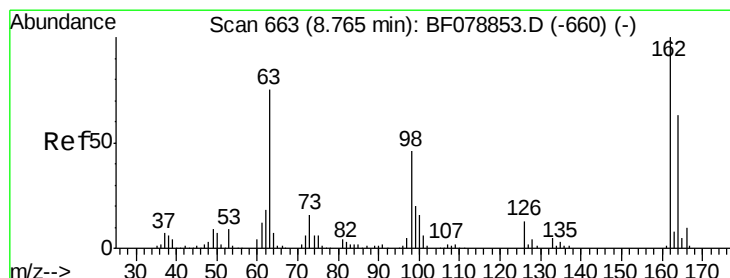
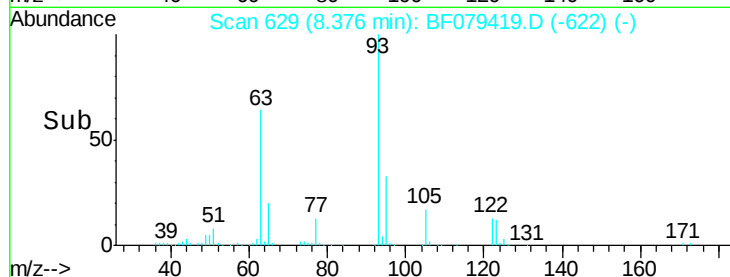
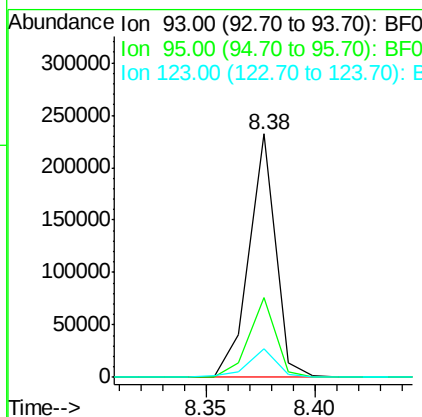
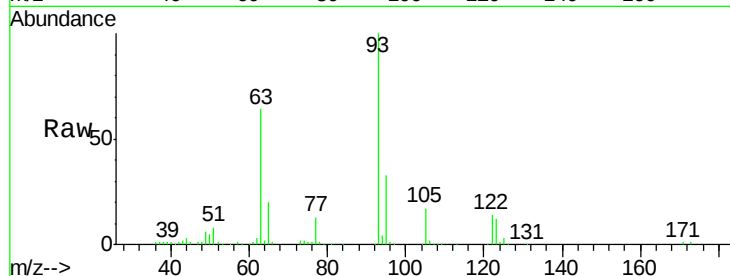


#28
bis(2-Chloroethoxy)methane
Concen: 38.80 ng
RT: 8.38 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
PB83529BS

Tot Ion: 93 Resp: 198529

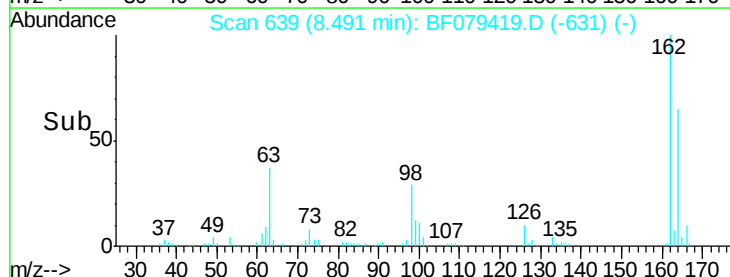
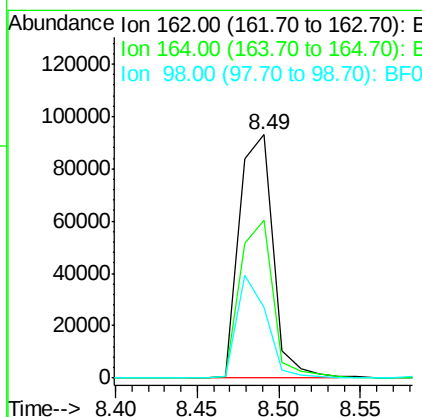
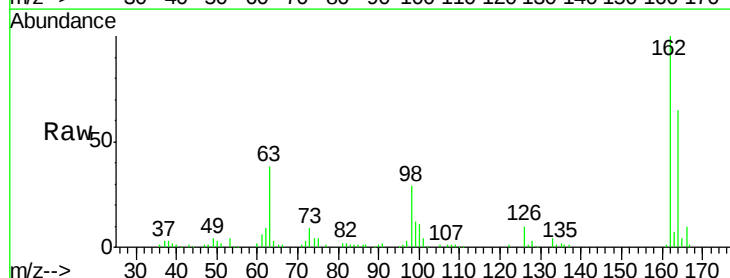
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.6	8.6	12.8

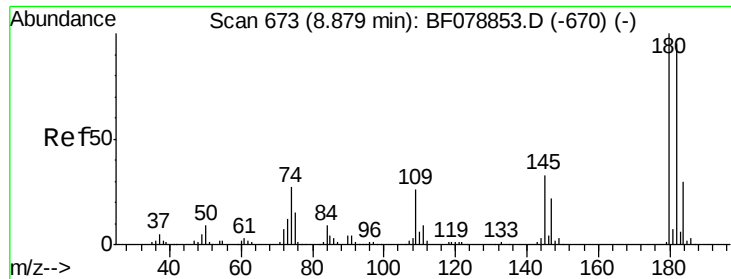


#29
2,4-Dichlorophenol
Concen: 40.71 ng
RT: 8.49 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Tgt Ion: 162 Resp: 133078

Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	29.2	26.3	66.3

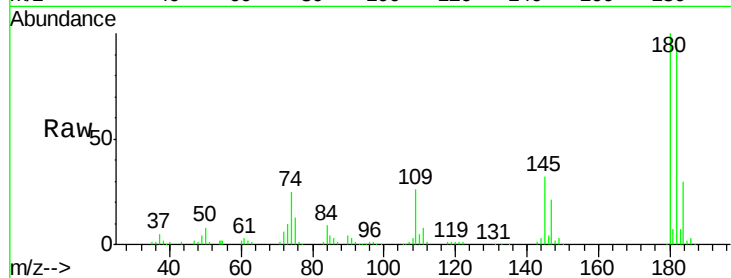




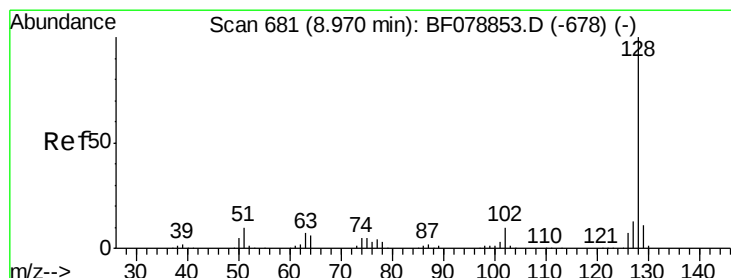
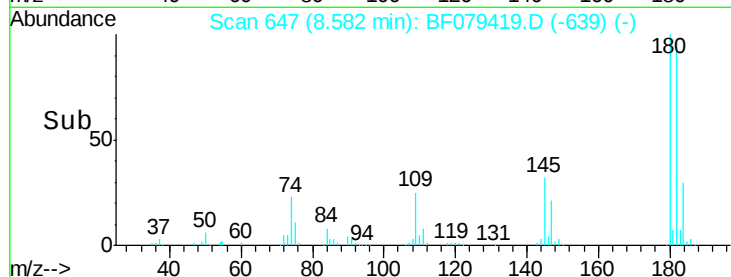
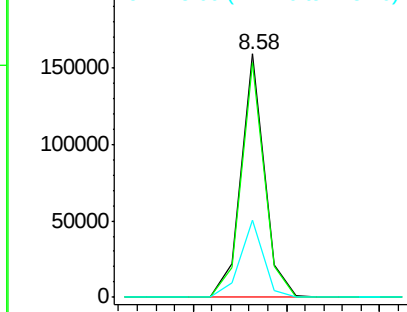
#30
1,2,4-Trichlorobenzene
Concen: 38.84 ng
RT: 8.58 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
PB83529BS

Tot Ion:180 Resp: 139469
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 31.7 26.2 39.4

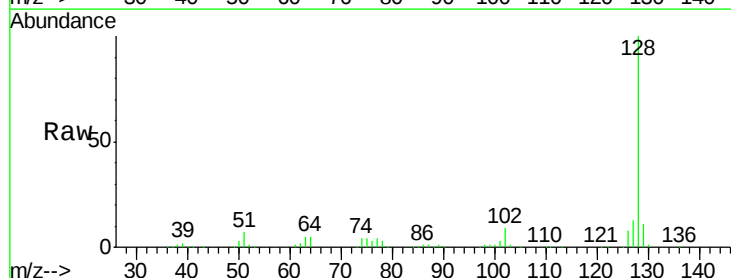


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

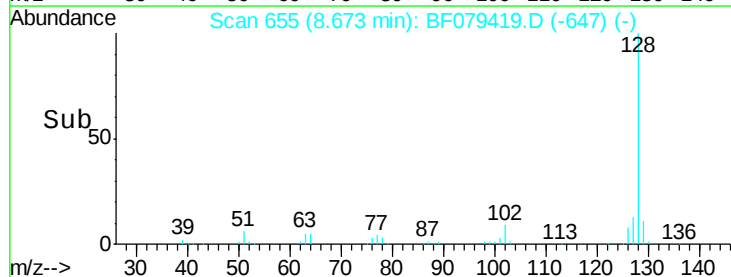
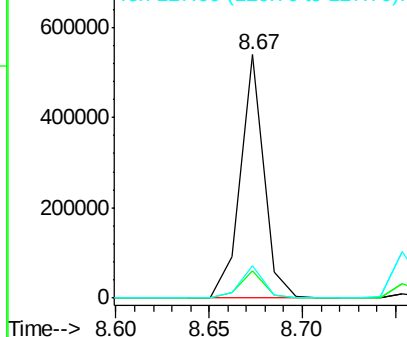


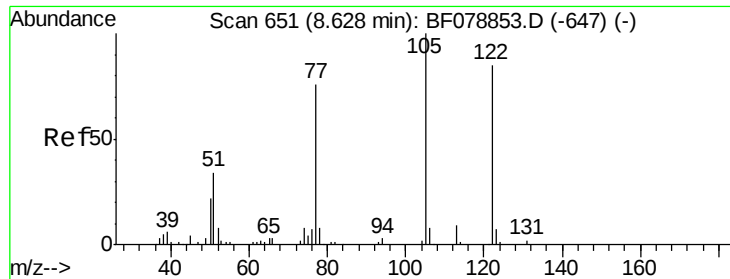
#31
Naphthalene
Concen: 38.71 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Tgt Ion:128 Resp: 474586
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.3 15.5



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





#32

Benzoic acid

Concen: 32.22 ng

RT: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

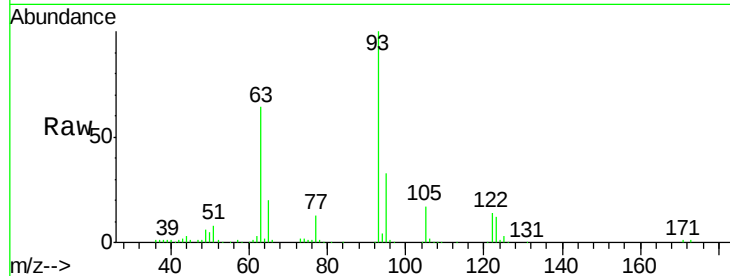
Tot Ion:122 Resp: 68690

Ion Ratio Lower Upper

122 100

105 122.4 100.7 140.7

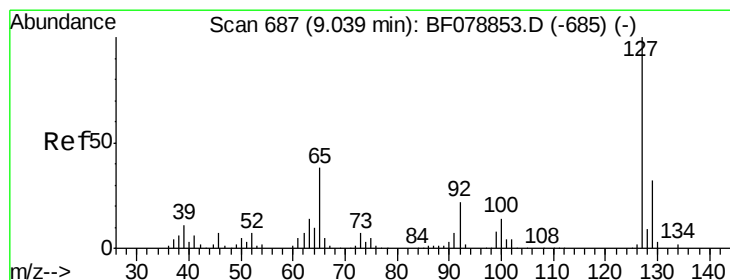
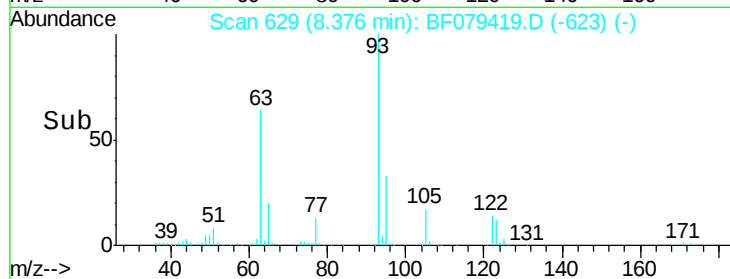
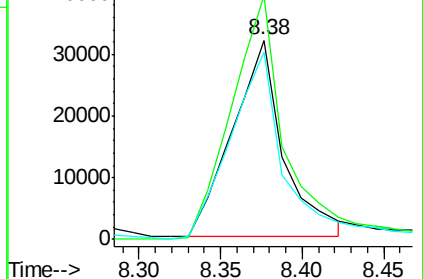
77 94.1 72.0 112.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 20.53 ng

RT: 8.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Tgt Ion:127 Resp: 106498

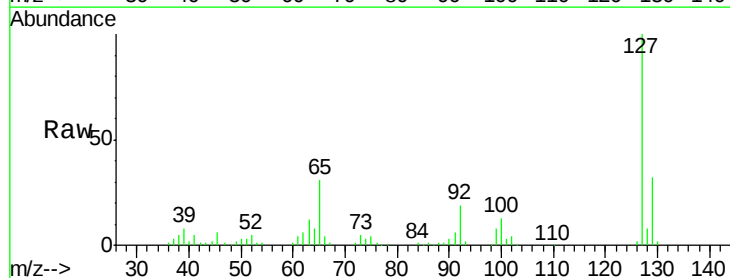
Ion Ratio Lower Upper

127 100

129 31.8 25.6 38.4

65 31.3 30.2 45.4

92 19.4 17.5 26.3

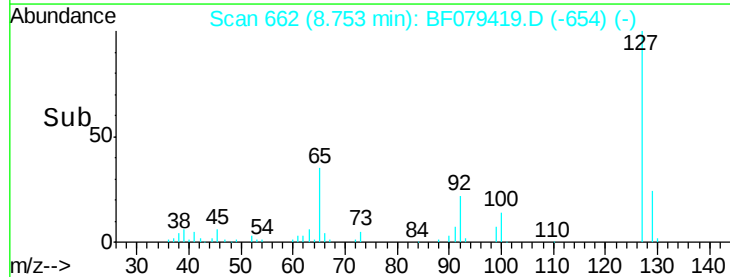
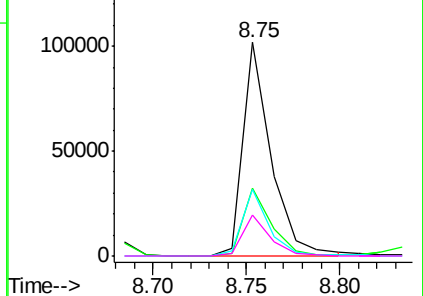


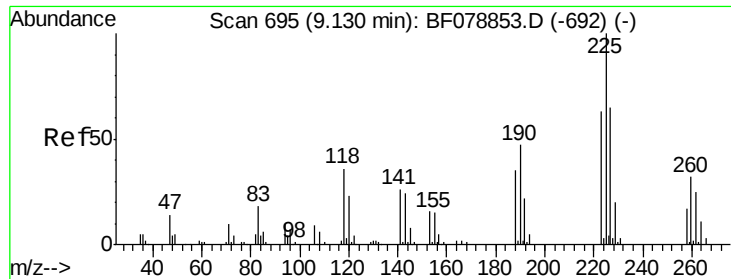
Abundance Ion 127.00 (126.70 to 127.70): E

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

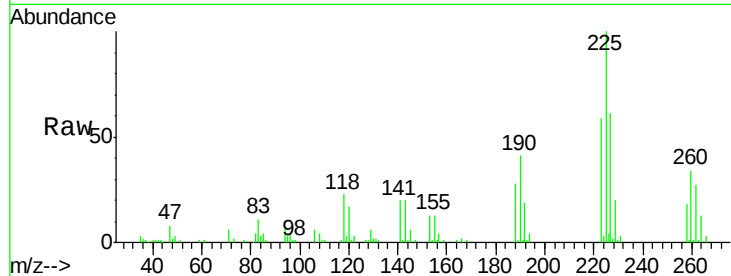




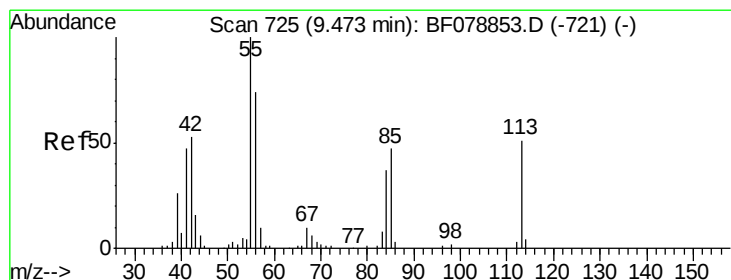
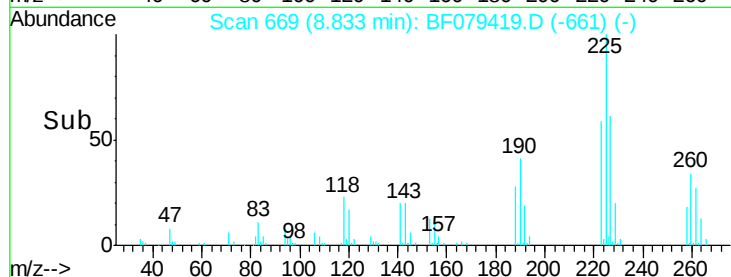
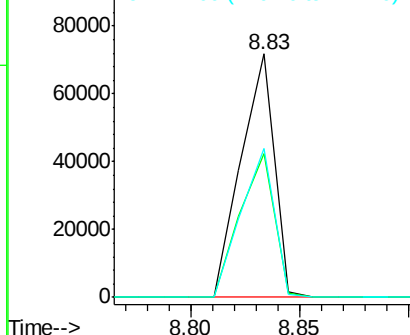
#34
Hexachlorobutadiene
Concen: 36.82 ng
RT: 8.83 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Instrument :
BNA_F
ClientSampleId :
PB83529BS

Tot Ion:225 Resp: 76144
Ion Ratio Lower Upper
225 100
223 59.0 50.6 75.8
227 61.4 52.1 78.1

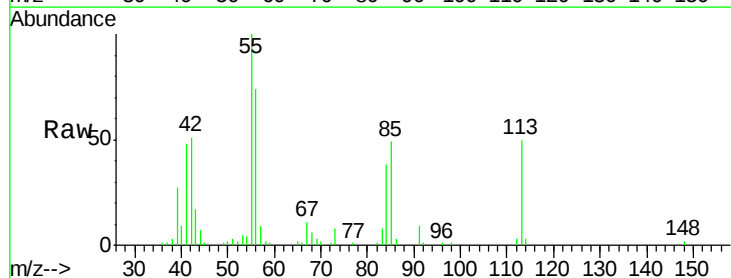


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

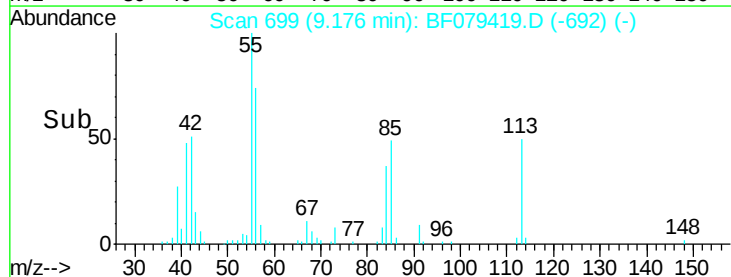
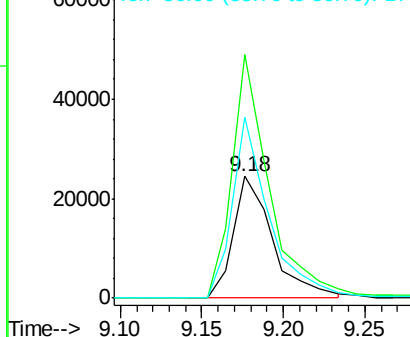


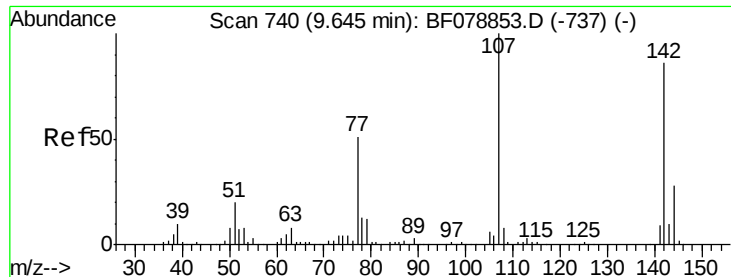
#35
Caprolactam
Concen: 38.55 ng
RT: 9.18 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF079419.D
Acq: 21 May 2015 22:58

Tgt Ion:113 Resp: 40747
Ion Ratio Lower Upper
113 100
55 199.9 176.0 216.0
56 148.1 123.8 163.8



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: 41.27 ng

RT: 9.37 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Instrument :

BNA_F

ClientSampleId :

PB83529BS

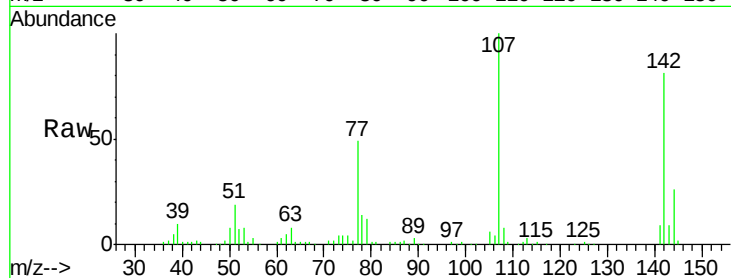
Tot Ion:107 Resp: 141686

Ion Ratio Lower Upper

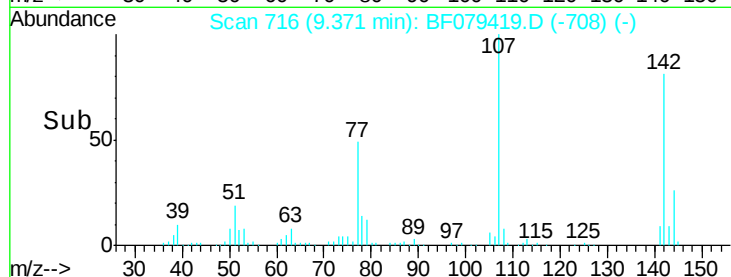
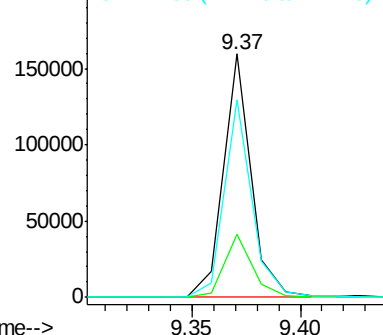
107 100

144 26.0 22.5 33.7

142 81.3 68.6 103.0



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



#37

2-Methylnaphthalene

Concen: 38.49 ng

RT: 9.53 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF079419.D

Acq: 21 May 2015 22:58

Tgt Ion:142 Resp: 327013

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4

115 33.7 24.2 36.4

Ref

Raw

Sub