

Data Path : Z:\HPCHEM1\BNA_F\Data\BF053115\
 Data File : BF079630.D
 Acq On : 31 May 2015 13:35
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 01 03:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 03:28:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	62017	20.00	ng	-0.03
21) Naphthalene-d8	8.48	136	256109	20.00	ng	-0.03
38) Acenaphthene-d10	10.65	164	134173	20.00	ng	-0.02
63) Phenanthrene-d10	12.48	188	256899	20.00	ng	-0.03
75) Chrysene-d12	15.75	240	257257	20.00	ng	-0.05
86) Perylene-d12	17.44	264	269840	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	297529	83.21	ng	-0.03
7) Phenol-d6	6.50	99	379966	83.37	ng	-0.03
23) Nitrobenzene-d5	7.61	82	374950	84.63	ng	-0.02
41) 2,4,6-Tribromophenol	11.63	330	124900	84.75	ng	-0.02
44) 2-Fluorobiphenyl	9.83	172	763796	81.22	ng	-0.03
78) Terphenyl-d14	14.47	244	938350	85.60	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.69	88	108902	64.02	ng	# 100
3) Pyridine	2.32	79	159211	42.51	ng	97
4) n-Nitrosodimethylamine	2.25	42	67286	36.49	ng	96
6) Aniline	6.49	93	265053	40.98	ng	97
8) 2-Chlorophenol	6.64	128	171890	41.30	ng	99
9) Benzaldehyde	6.35	77	106474	42.43	ng	95
10) Phenol	6.51	94	219335	40.87	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	166710	42.95	ng	91
12) 1,3-Dichlorobenzene	6.82	146	188900	40.96	ng	99
13) 1,4-Dichlorobenzene	6.92	146	197501	41.98	ng	99
14) 1,2-Dichlorobenzene	7.11	146	178462	40.85	ng	98
15) Benzyl Alcohol	7.11	79	146907	43.86	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	229021	40.31	ng	90
17) 2-Methylphenol	7.27	107	139511	42.66	ng	99
18) Hexachloroethane	7.52	117	65891	40.70	ng	97
19) n-Nitroso-di-n-propylamine	7.44	70	128300	40.01	ng	95
20) 3+4-Methylphenols	7.46	107	185523	41.29	ng	93
22) Acetophenone	7.43	105	244222	42.56	ng	# 95
24) Nitrobenzene	7.63	77	183882	42.11	ng	# 88
25) Isophorone	7.93	82	339123	41.99	ng	# 91
26) 2-Nitrophenol	8.02	139	83812	40.54	ng	# 80
27) 2,4-Dimethylphenol	8.11	122	152865	41.13	ng	96
28) bis(2-Chloroethoxy)methane	8.23	93	212179	42.39	ng	98
29) 2,4-Dichlorophenol	8.33	162	148069	43.50	ng	96
30) 1,2,4-Trichlorobenzene	8.42	180	151613	42.93	ng	94
31) Naphthalene	8.51	128	508724	41.39	ng	99
32) Benzoic acid	8.26	122	106606	46.22	ng	96
33) 4-Chloroaniline	8.60	127	216342	42.13	ng	# 93
34) Hexachlorobutadiene	8.67	225	83563	41.60	ng	97
35) Caprolactam	9.04	113	46811	43.61	ng	# 82
36) 4-Chloro-3-methylphenol	9.22	107	155808	44.13	ng	# 89
37) 2-Methylnaphthalene	9.37	142	363265	42.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	152813	40.72	ng	# 100
40) Hexachlorocyclopentadiene	9.55	237	27852	36.41	ng	96

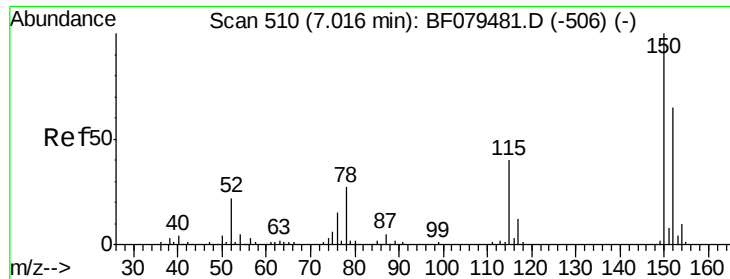
Data Path : Z:\HPCHEM1\BNA_F\Data\BF053115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.74	196	98918	37.75	ng	98
43) 2,4,5-Trichlorophenol	9.78	196	109112	41.83	ng	93
45) 1,1'-Biphenyl	9.95	154	431522	41.18	ng	99
46) 2-Chloronaphthalene	9.96	162	328581	39.70	ng	99
47) 2-Nitroaniline	10.11	65	96746	39.31	ng	# 61
48) Acenaphthylene	10.48	152	557133	40.55	ng	99
49) Dimethylphthalate	10.35	163	411465	41.62	ng	99
50) 2,6-Dinitrotoluene	10.42	165	84306	42.68	ng	# 66
51) Acenaphthene	10.68	154	310620	39.54	ng	100
52) 3-Nitroaniline	10.63	138	107473	41.83	ng	# 75
53) 2,4-Dinitrophenol	10.78	184	26802	44.17	ng	94
54) Dibenzofuran	10.90	168	465079	40.14	ng	99
55) 4-Nitrophenol	10.90	139	230915	162.08	ng	# 15
56) 2,4-Dinitrotoluene	10.92	165	115995	43.79	ng	# 79
57) Fluorene	11.33	166	383547	40.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.07	232	76269	40.18	ng	# 100
59) Diethylphthalate	11.22	149	400962	41.43	ng	95
60) 4-Chlorophenyl-phenylether	11.34	204	171426	41.54	ng	95
61) 4-Nitroaniline	11.38	138	104567	43.69	ng	84
62) Azobenzene	11.53	77	362457	38.51	ng	98
64) 4,6-Dinitro-2-methylphenol	11.43	198	50589	40.27	ng	83
65) n-Nitrosodiphenylamine	11.50	169	353773	41.46	ng	99
66) 4-Bromophenyl-phenylether	11.94	248	110808	41.89	ng	98
67) Hexachlorobenzene	12.00	284	126908	42.07	ng	97
68) Atrazine	12.17	200	94396	40.95	ng	97
69) Pentachlorophenol	12.26	266	37524	32.48	ng	95
70) Phenanthrene	12.51	178	570192	40.46	ng	99
71) Anthracene	12.57	178	563229	39.36	ng	98
72) Carbazole	12.79	167	550400	39.95	ng	98
73) Di-n-butylphthalate	13.25	149	691247	44.87	ng	99
74) Fluoranthene	13.98	202	627008	41.49	ng	96
76) Benzidine	14.17	184	268874	48.80	ng	99
77) Pyrene	14.25	202	641051	40.22	ng	100
79) Butylbenzylphthalate	15.10	149	312490	43.60	ng	94
80) Benzo(a)anthracene	15.74	228	598014	40.41	ng	99
81) 3,3'-Dichlorobenzidine	15.73	252	240310	44.34	ng	96
82) Chrysene	15.78	228	574407	40.83	ng	100
83) Bis(2-ethylhexyl)phthalate	15.82	149	469184	45.69	ng	# 98
84) Di-n-octyl phthalate	16.59	149	820882	45.93	ng	99
85) Indeno(1,2,3-cd)pyrene	18.71	276	779701	43.09	ng	99
87) Benzo(b)fluoranthene	17.02	252	627765	40.79	ng	98
88) Benzo(k)fluoranthene	17.02	252	627765	45.61	ng	99
89) Benzo(a)pyrene	17.38	252	595737	44.11	ng	98
90) Dibenzo(a,h)anthracene	18.73	278	638248	45.21	ng	100
91) Benzo(g,h,i)perylene	19.07	276	628290	44.55	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.03 min

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SSTDCCC040

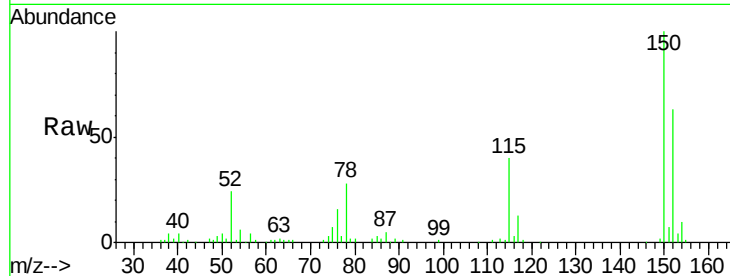
Tgt Ion:152 Resp: 62017

Ion Ratio Lower Upper

152 100

150 157.5 124.0 186.0

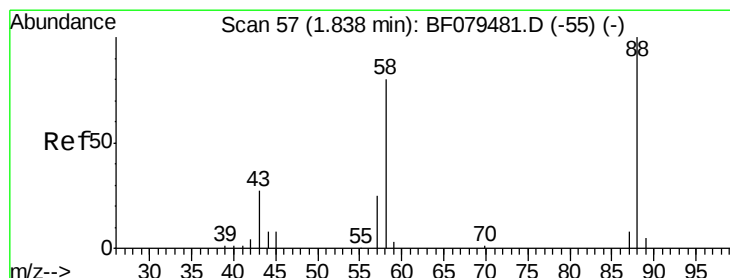
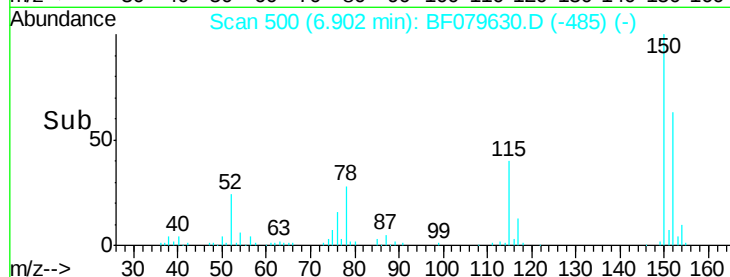
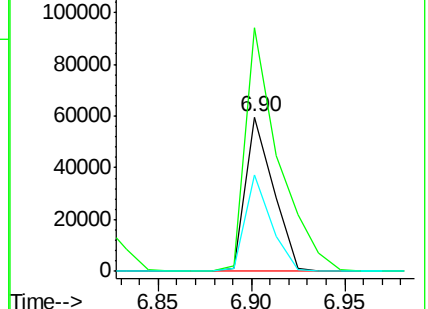
115 62.7 49.6 74.4



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: 64.02 ng

RT: 1.69 min Scan# 44

Delta R.T. -0.05 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

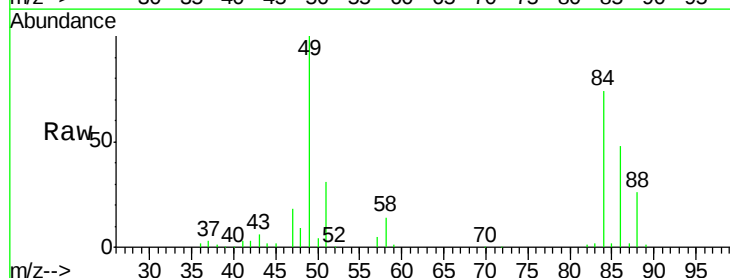
Tgt Ion: 88 Resp: 108902

Ion Ratio Lower Upper

88 100

58 45.2 0.0 0.0#

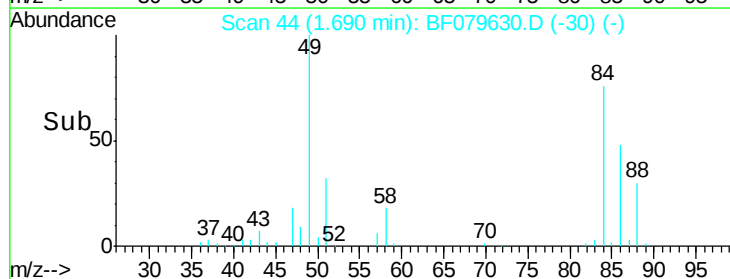
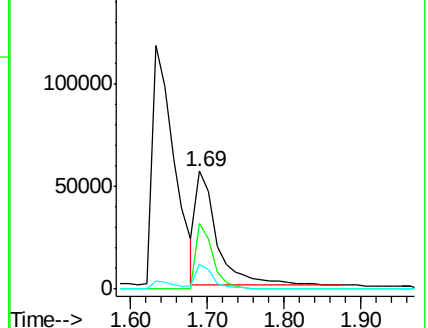
43 18.9 0.0 0.0#

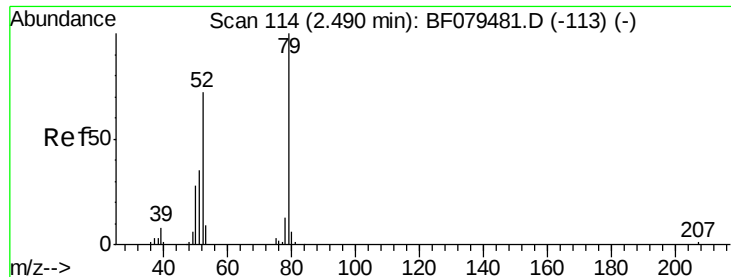


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.51 ng

RT: 2.32 min Scan# 99

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

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ClientSampleId :

SSTDCCC040

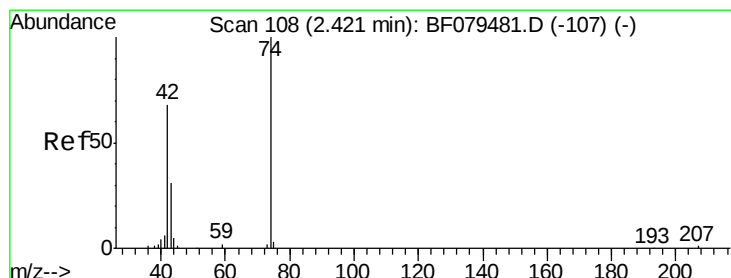
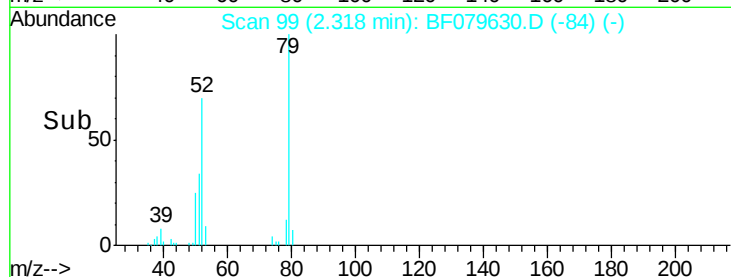
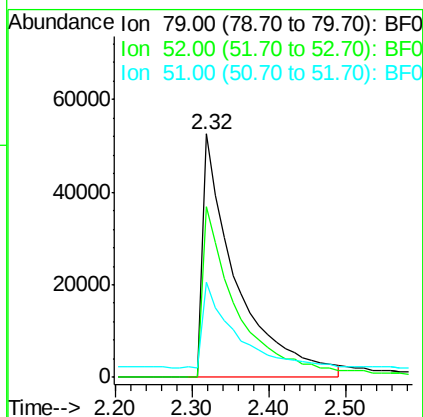
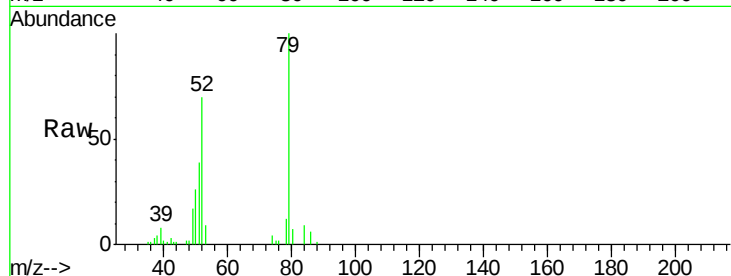
Tgt Ion: 79 Resp: 159211

Ion Ratio Lower Upper

79 100

52 70.1 57.4 86.2

51 39.1 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 36.49 ng

RT: 2.25 min Scan# 93

Delta R.T. -0.05 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

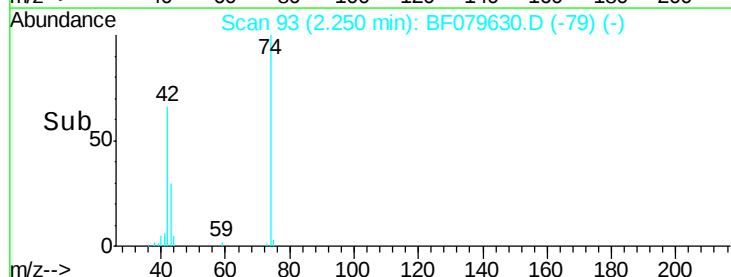
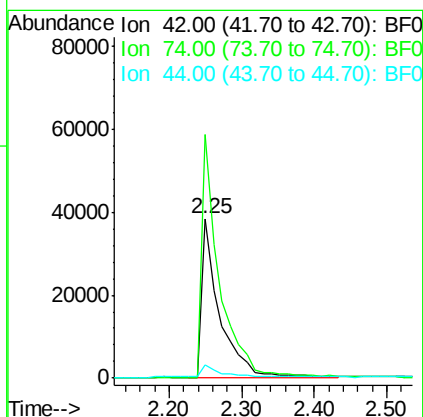
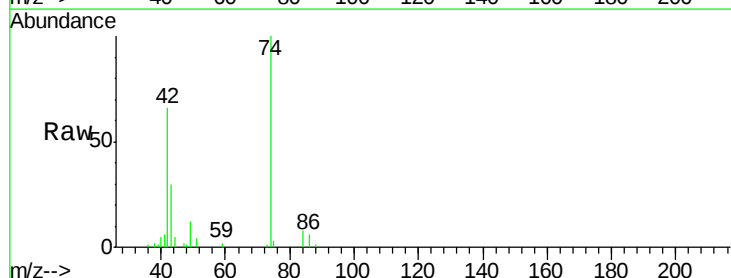
Tgt Ion: 42 Resp: 67286

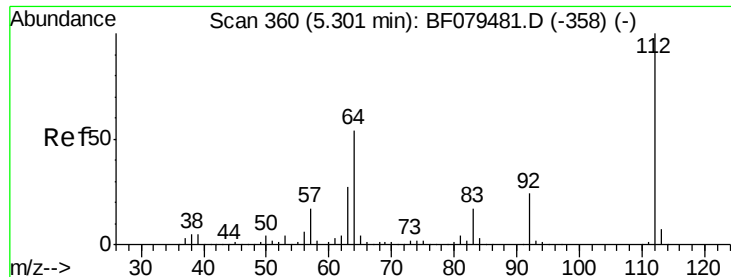
Ion Ratio Lower Upper

42 100

74 152.7 117.6 176.4

44 8.3 6.9 10.3





#5

2-Fluorophenol

Concen: 83.21 ng

RT: 5.16 min Scan# 348

Delta R.T. -0.03 min

Lab File: BF079630.D

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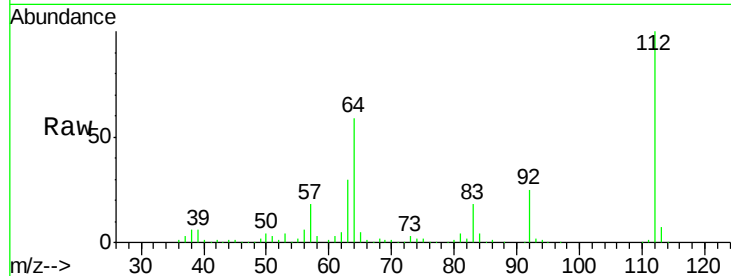
Tgt Ion: 112 Resp: 297529

Ion Ratio Lower Upper

112 100

64 58.6 43.5 65.3

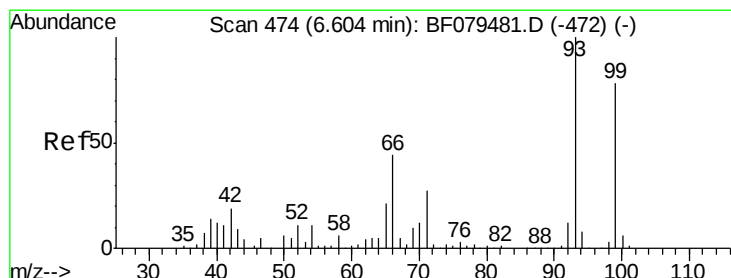
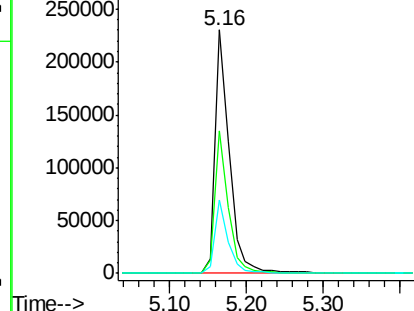
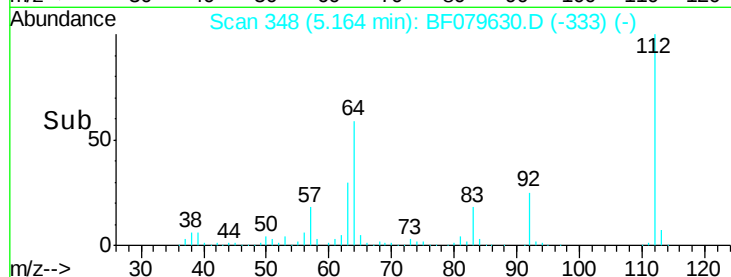
63 30.0 21.8 32.8



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: 40.98 ng

RT: 6.49 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

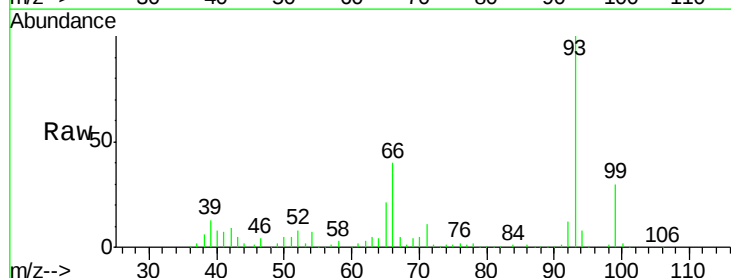
Tgt Ion: 93 Resp: 265053

Ion Ratio Lower Upper

93 100

66 40.4 34.8 52.2

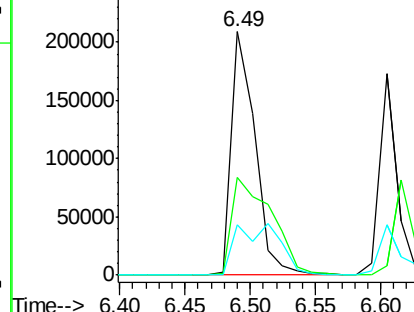
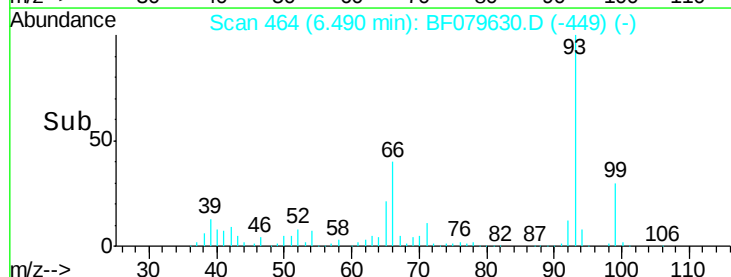
65 20.7 16.7 25.1

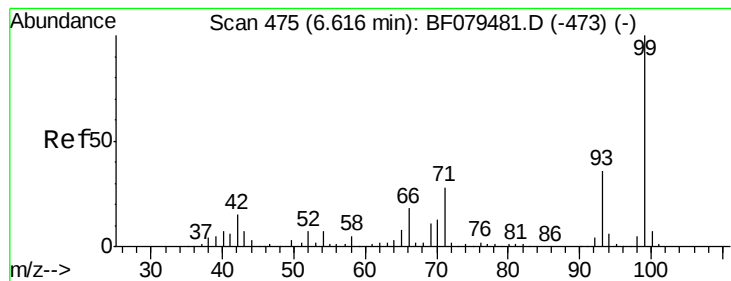


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.37 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.03 min

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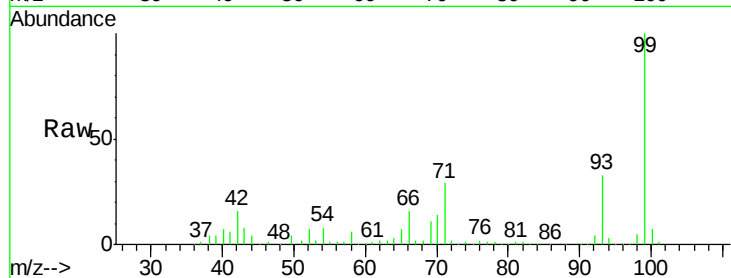
Tgt Ion: 99 Resp: 379966

Ion Ratio Lower Upper

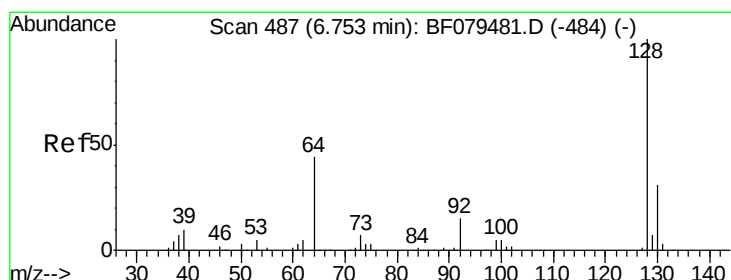
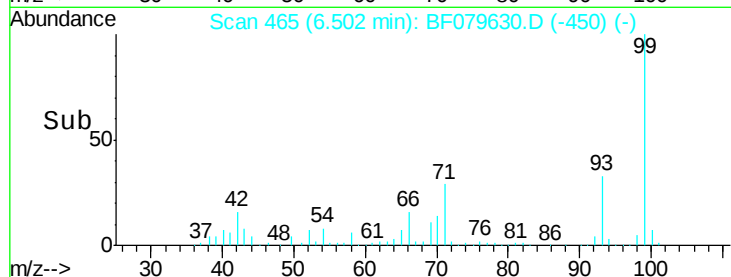
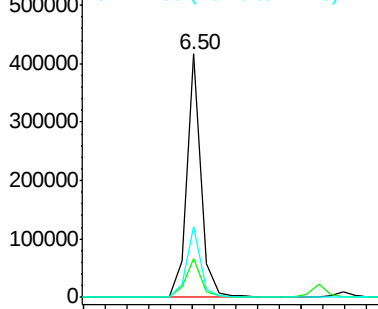
99 100

42 16.0 11.9 17.9

71 29.1 22.1 33.1



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: 41.30 ng

RT: 6.64 min Scan# 477

Delta R.T. -0.03 min

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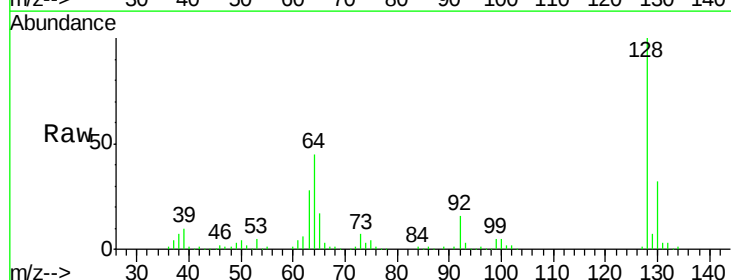
Tgt Ion: 128 Resp: 171890

Ion Ratio Lower Upper

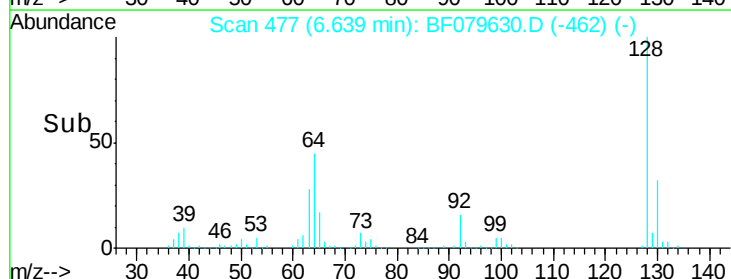
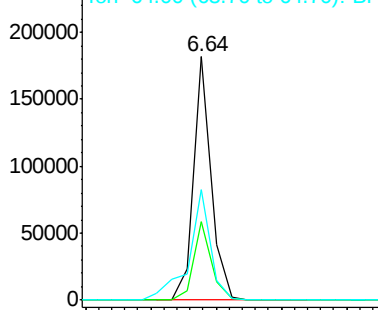
128 100

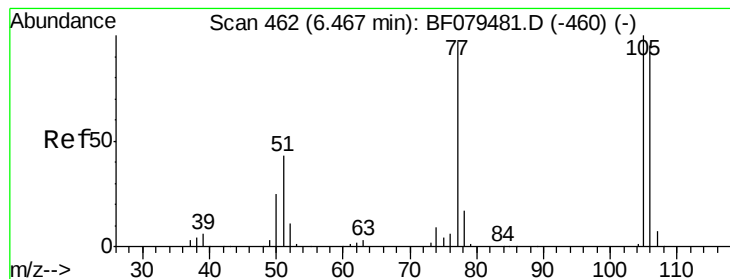
130 32.3 11.4 51.4

64 45.4 25.9 65.9



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: 42.43 ng

RT: 6.35 min Scan# 452

Delta R.T. -0.02 min

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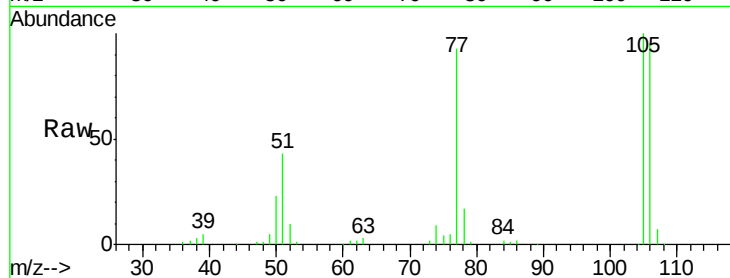
Tgt Ion: 77 Resp: 106474

Ion Ratio Lower Upper

77 100

105 108.0 83.3 123.3

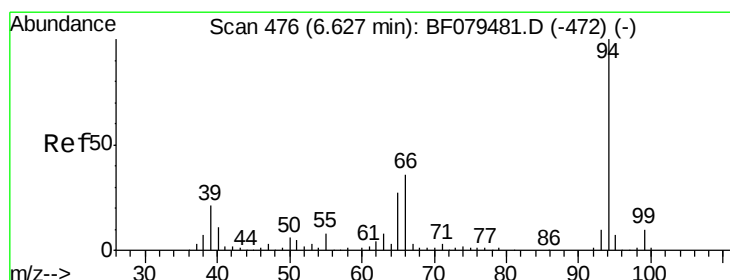
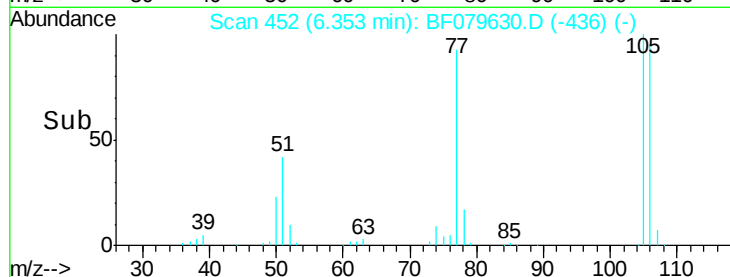
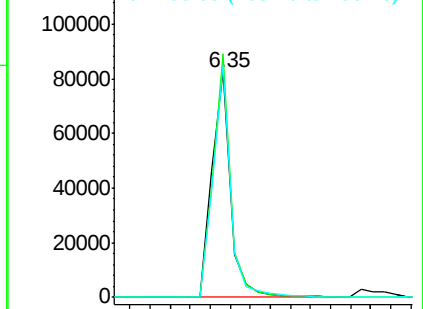
106 102.9 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.87 ng

RT: 6.51 min Scan# 466

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

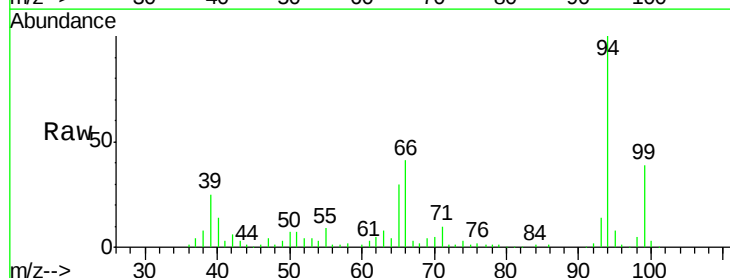
Tgt Ion: 94 Resp: 219335

Ion Ratio Lower Upper

94 100

65 29.9 7.2 47.2

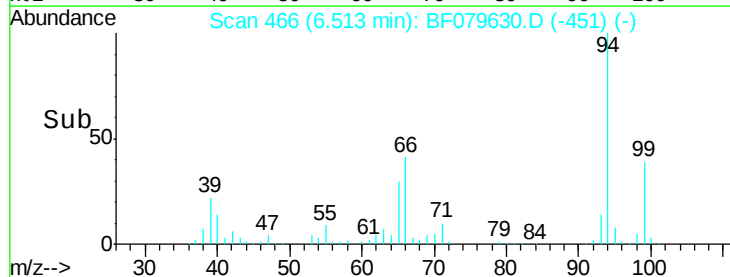
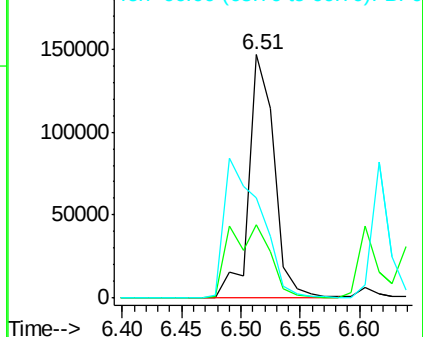
66 41.2 16.2 56.2

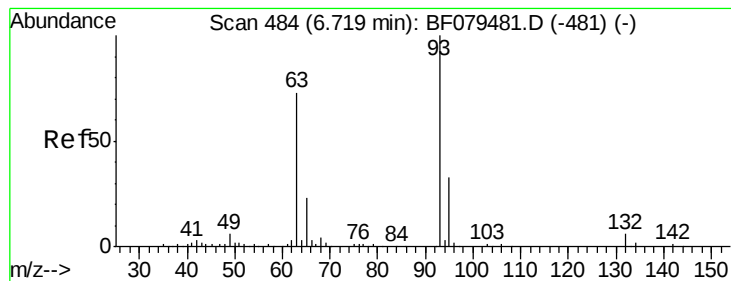


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.95 ng

RT: 6.60 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

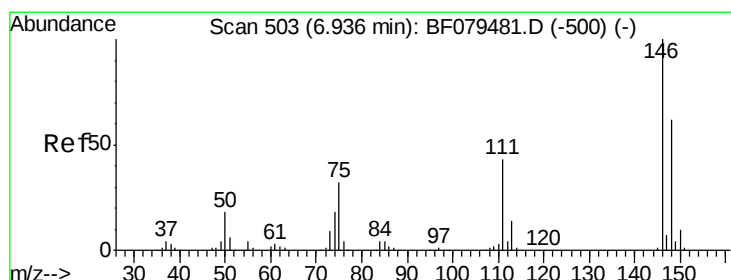
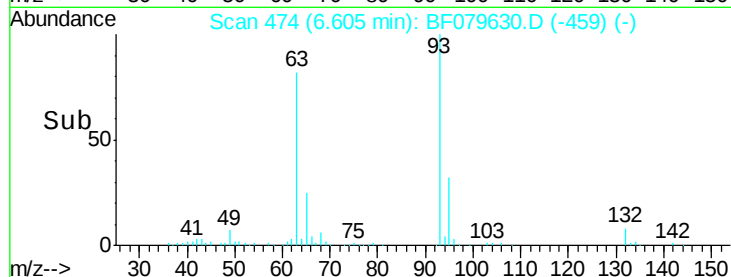
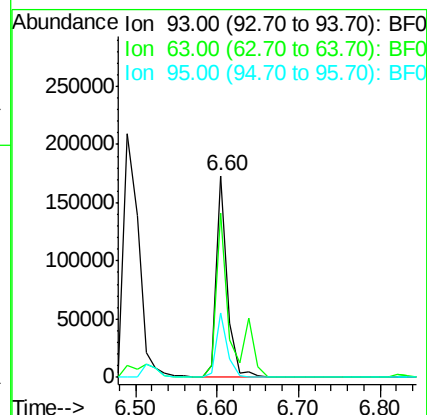
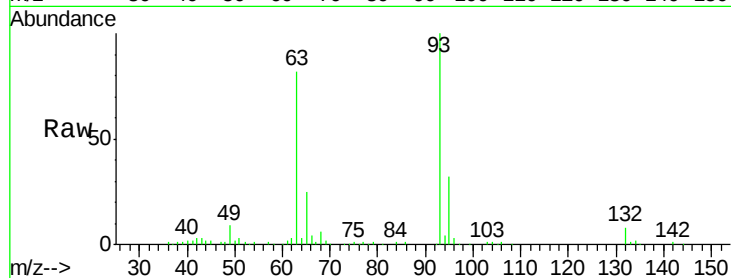
Tgt Ion: 93 Resp: 166710

Ion Ratio Lower Upper

93 100

63 81.5 51.8 91.8

95 32.0 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 40.96 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

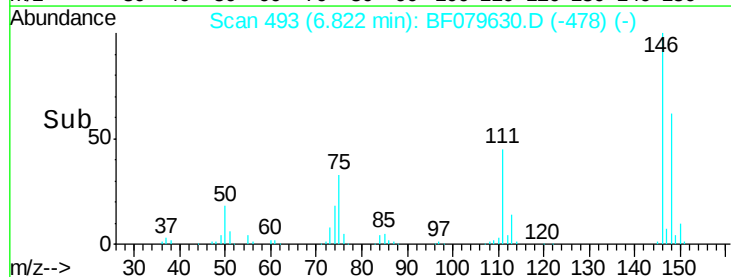
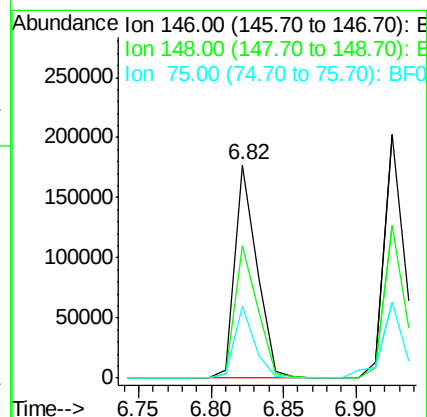
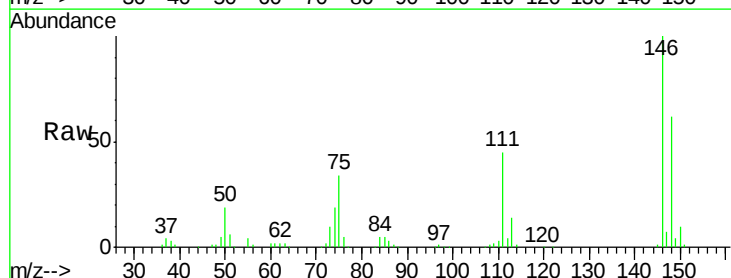
Tgt Ion: 146 Resp: 188900

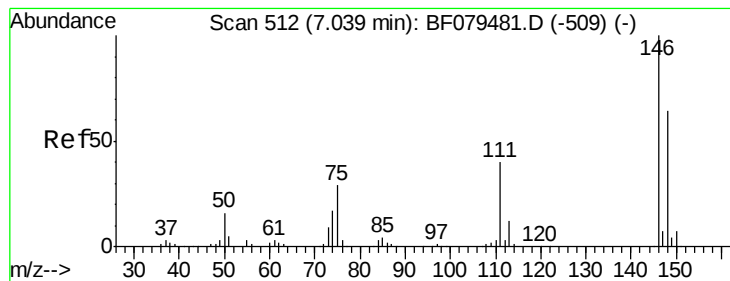
Ion Ratio Lower Upper

146 100

148 61.8 49.6 74.4

75 33.5 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 41.98 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

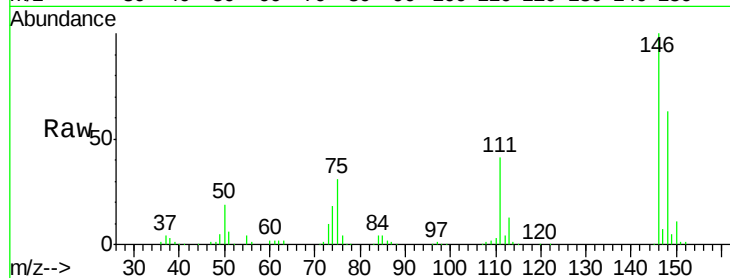
Tgt Ion:146 Resp: 197501

Ion Ratio Lower Upper

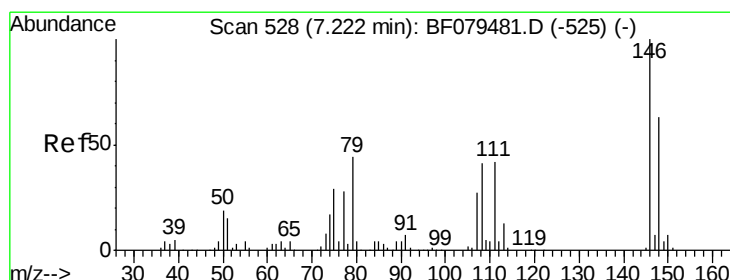
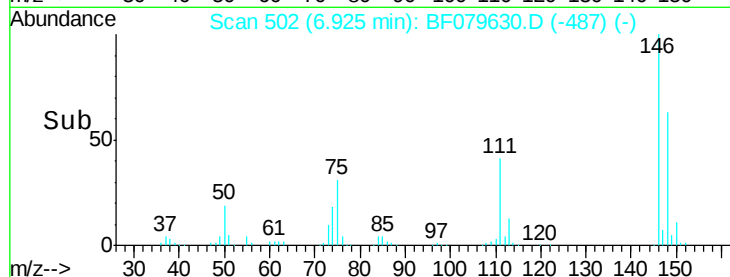
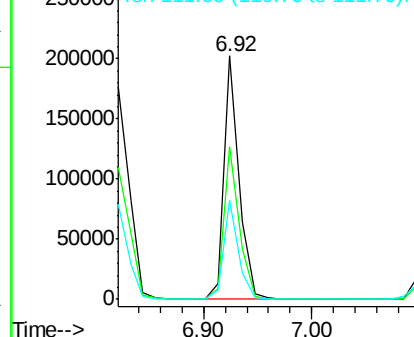
146 100

148 62.8 51.3 76.9

111 40.6 31.8 47.8



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: 40.85 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

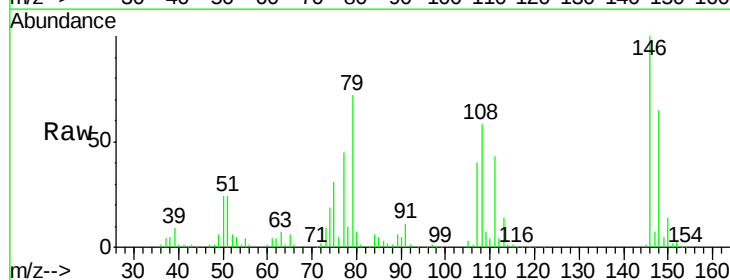
Tgt Ion:146 Resp: 178462

Ion Ratio Lower Upper

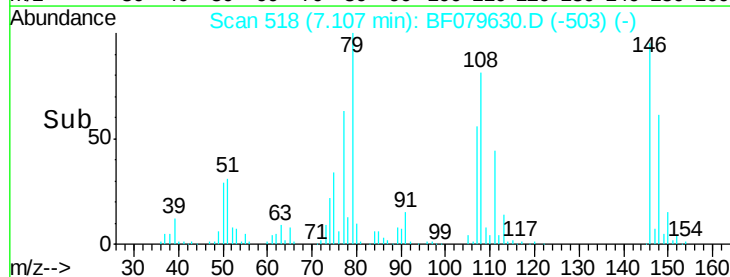
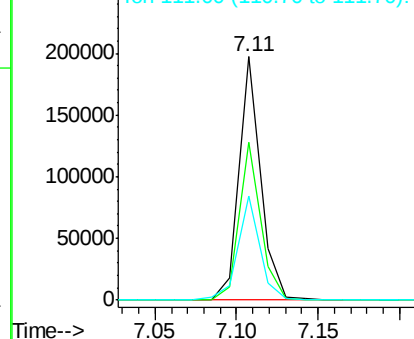
146 100

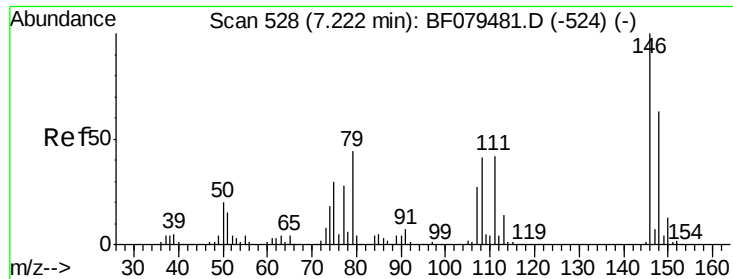
148 64.8 50.6 76.0

111 42.9 33.2 49.8



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: 43.86 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

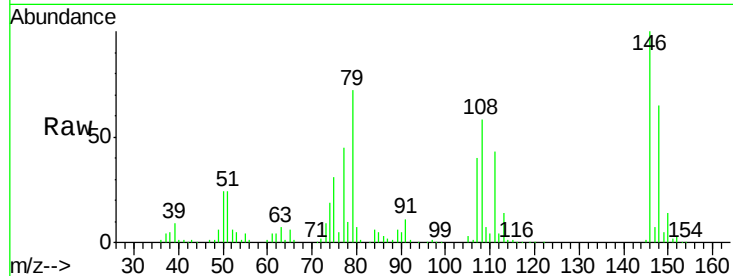
Tgt Ion: 79 Resp: 146907

Ion Ratio Lower Upper

79 100

108 81.4 73.7 110.5

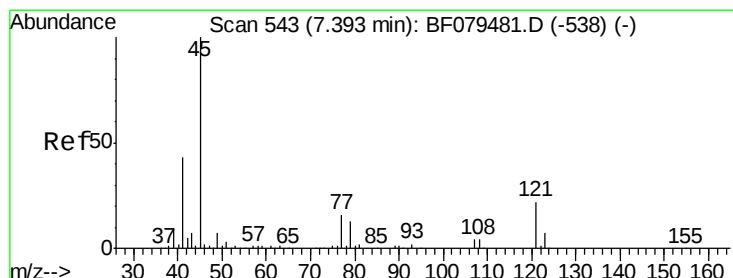
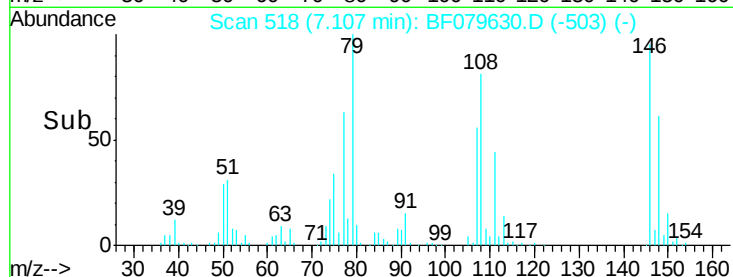
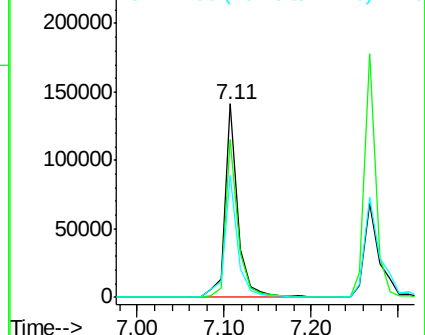
77 62.8 51.1 76.7



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: 40.31 ng

RT: 7.28 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

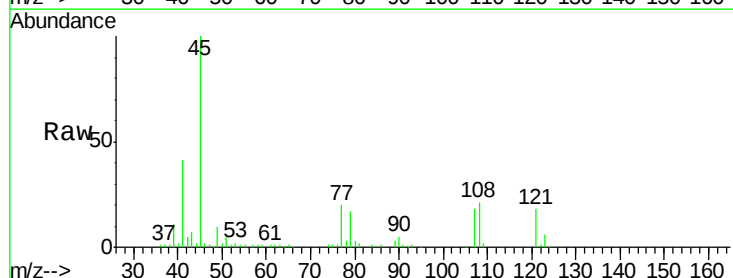
Tgt Ion: 45 Resp: 229021

Ion Ratio Lower Upper

45 100

77 19.8 0.0 35.5

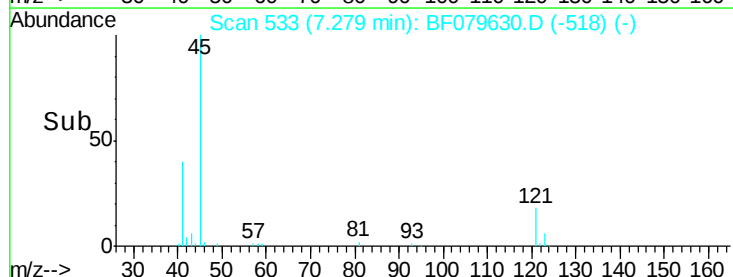
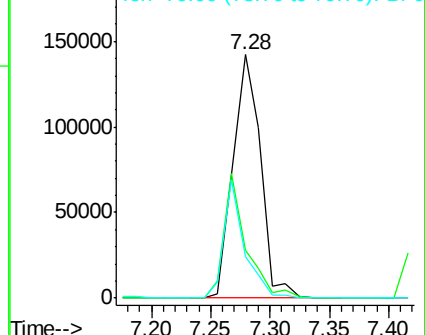
79 17.0 0.0 32.8

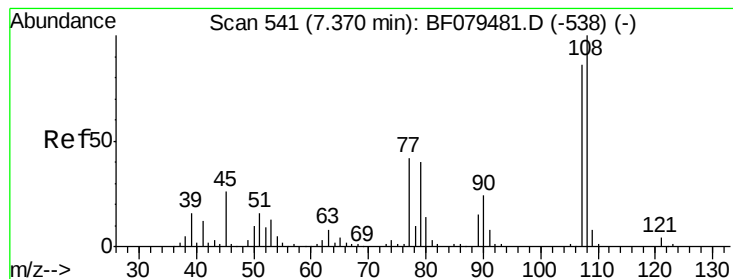


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.66 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 139511

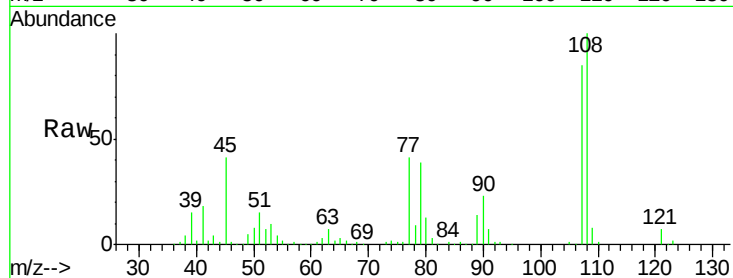
Ion Ratio Lower Upper

107 100

108 117.3 93.1 139.7

77 48.0 39.2 58.8

79 45.3 37.8 56.8

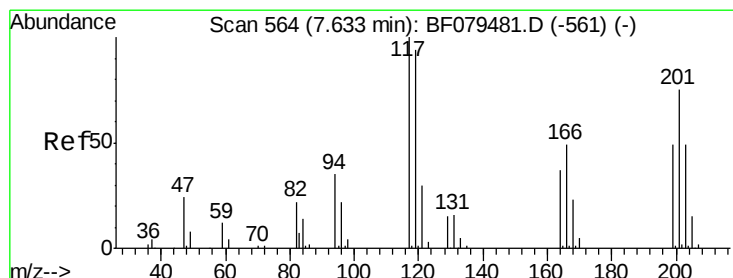
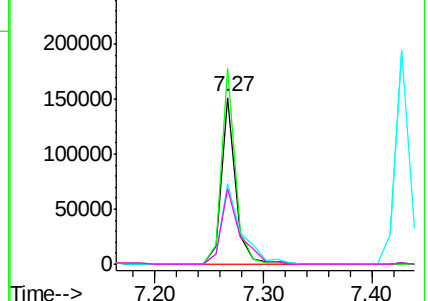
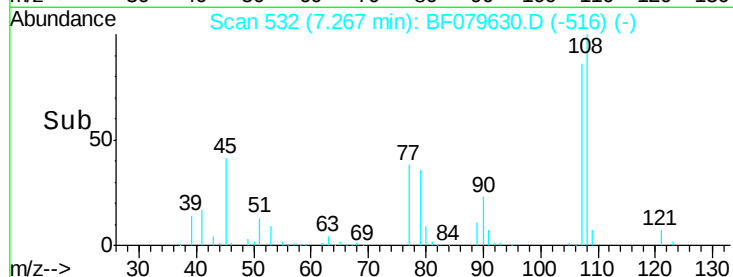


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.70 ng

RT: 7.52 min Scan# 554

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

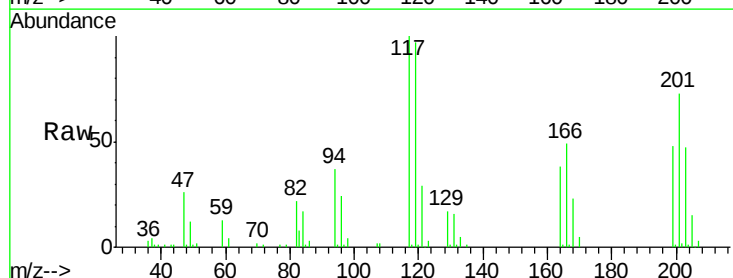
Tgt Ion:117 Resp: 65891

Ion Ratio Lower Upper

117 100

119 96.5 74.9 112.3

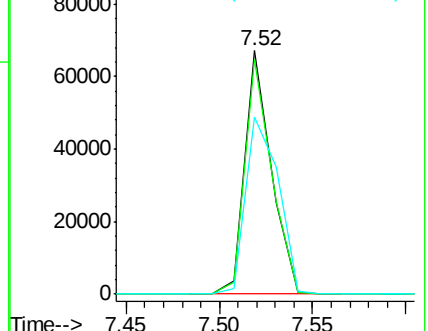
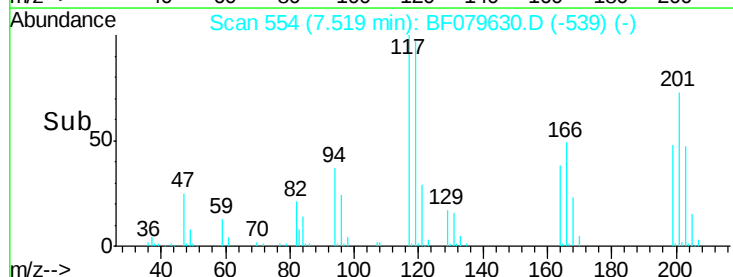
201 72.7 60.2 90.4

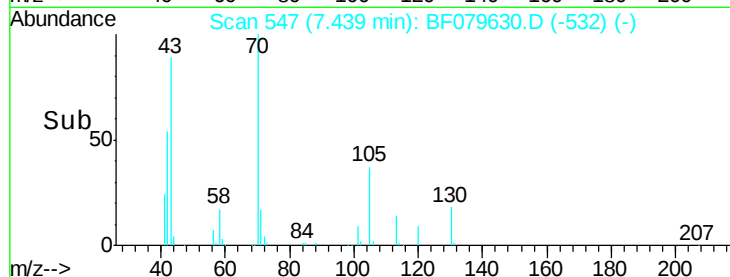
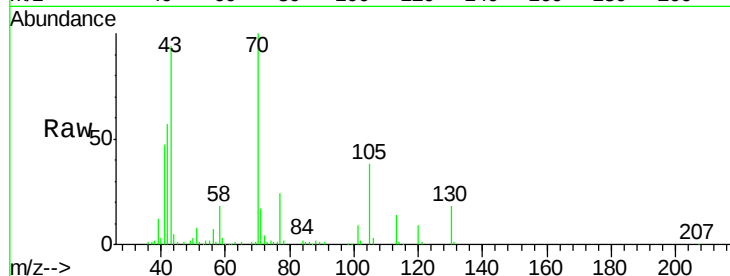
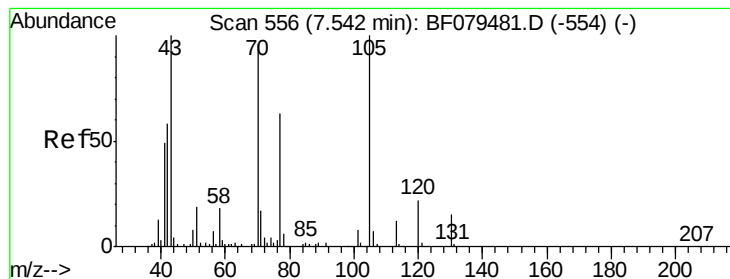


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.01 ng

RT: 7.44 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 128300

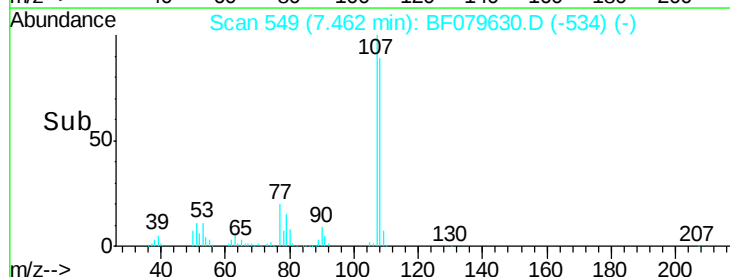
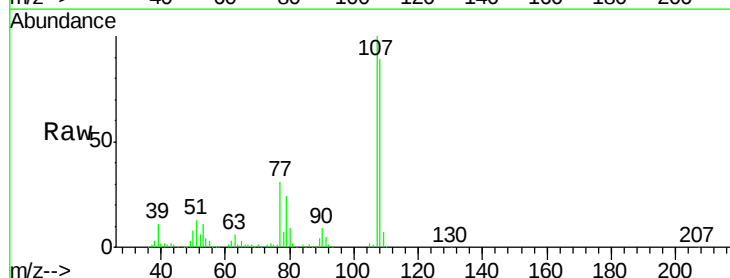
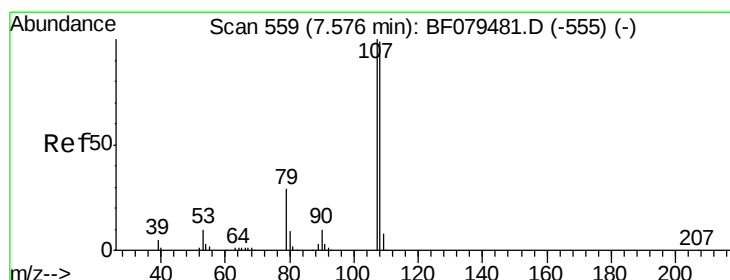
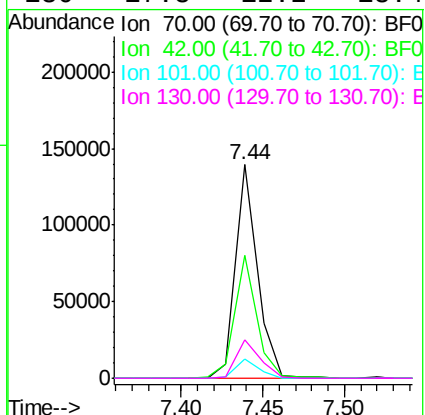
Ion Ratio Lower Upper

70 100

42 57.4 48.8 73.2

101 8.8 6.6 9.8

130 17.8 12.2 18.4



#20

3+4-Methylphenols

Concen: 41.29 ng

RT: 7.46 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Tgt Ion: 107 Resp: 185523

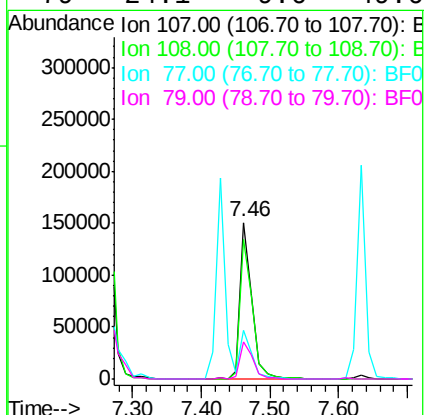
Ion Ratio Lower Upper

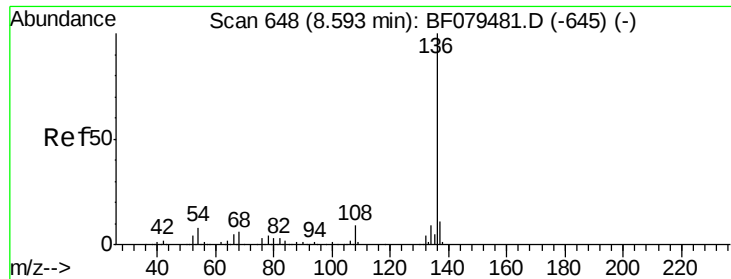
107 100

108 89.1 77.7 117.7

77 31.4 11.4 51.4

79 24.1 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.48 min Scan# 638

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 256109

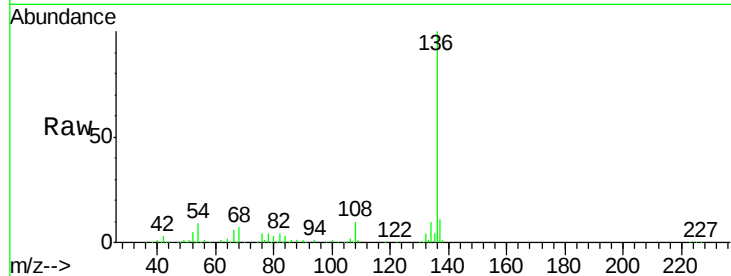
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.2 6.6 9.8

68 7.2 4.7 7.1#

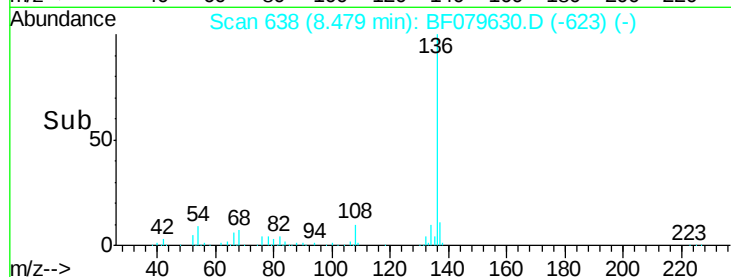


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

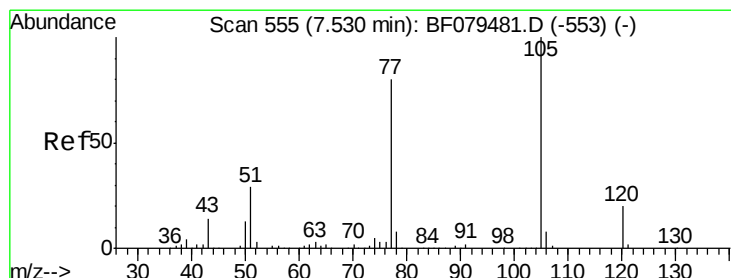
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.48



#22

Acetophenone

Concen: 42.56 ng

RT: 7.43 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Tgt Ion:105 Resp: 244222

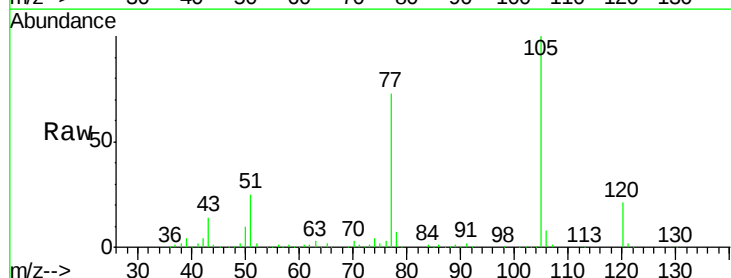
Ion Ratio Lower Upper

105 100

71 0.6 0.2 0.4#

51 25.4 23.7 35.5

120 21.0 16.2 24.4

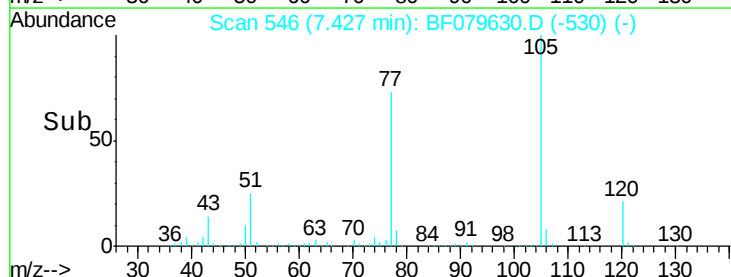


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

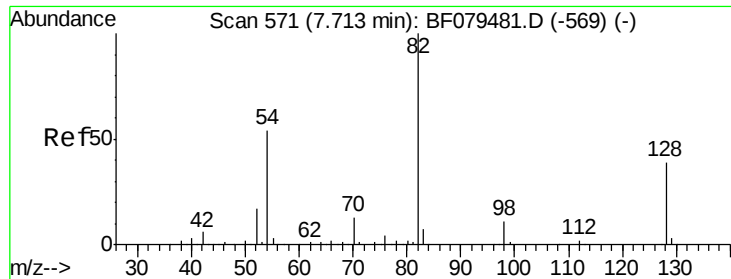
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

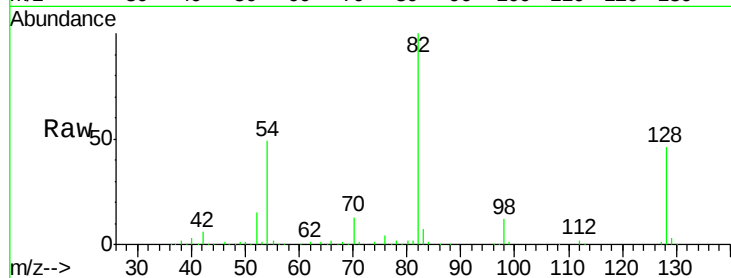
7.43



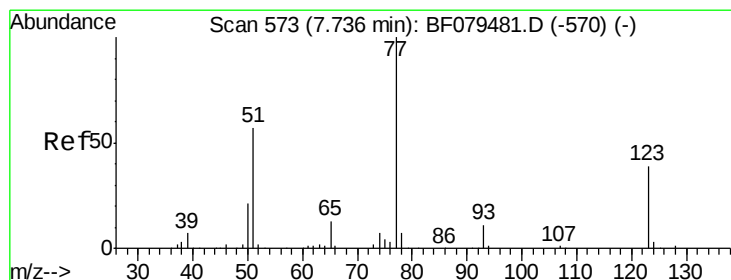
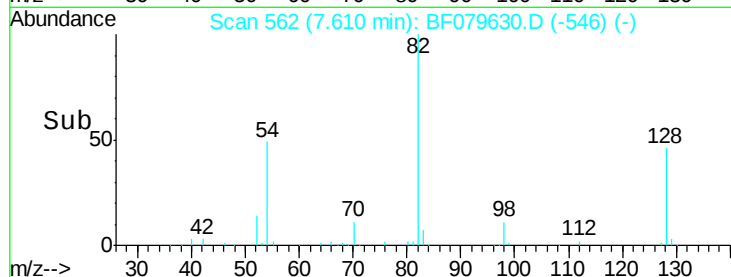
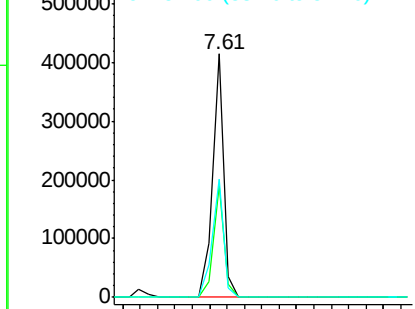
#23
 Nitrobenzene-d5
 Concen: 84.63 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 374950
 Ion Ratio Lower Upper
 82 100
 128 45.9 30.8 46.2
 54 48.8 42.8 64.2

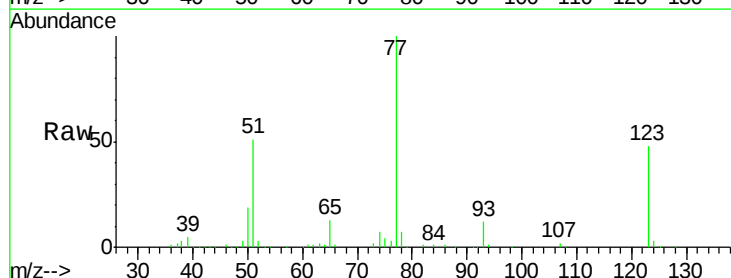


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

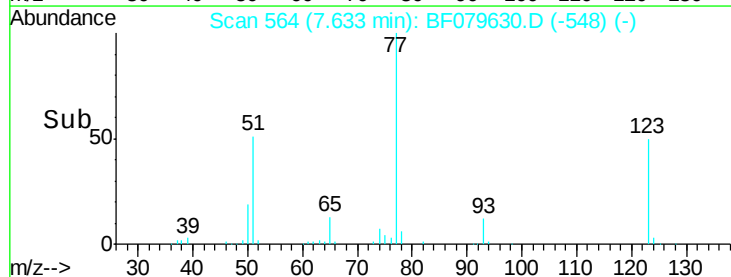
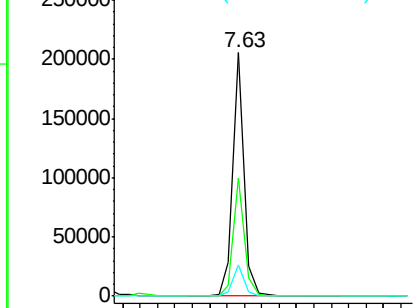


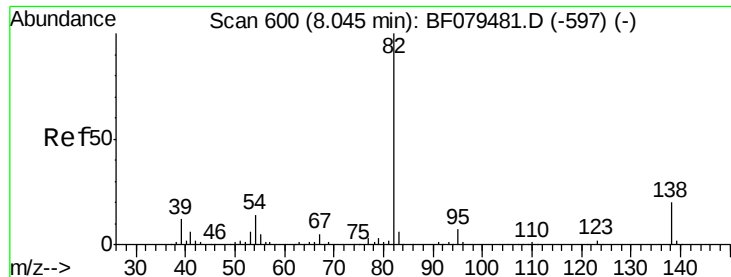
#24
 Nitrobenzene
 Concen: 42.11 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion: 77 Resp: 183882
 Ion Ratio Lower Upper
 77 100
 123 48.3 31.0 46.4#
 65 13.0 10.6 15.8



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: 41.99 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

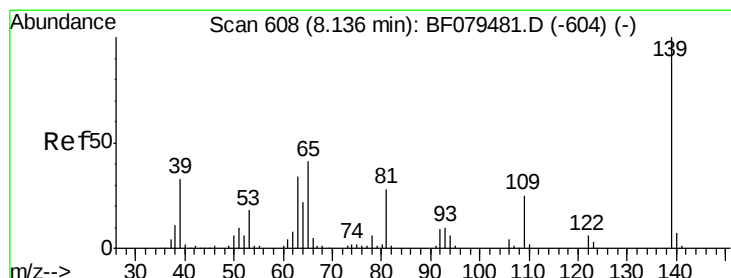
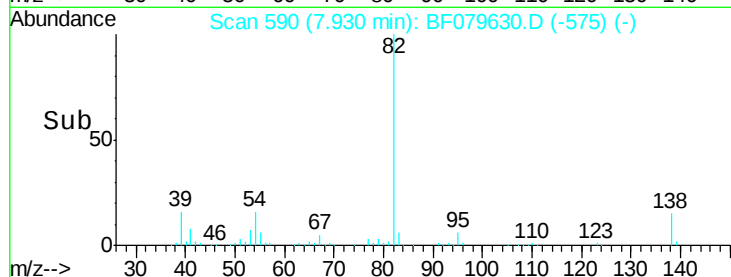
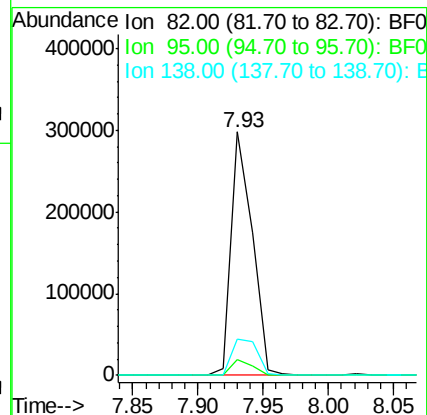
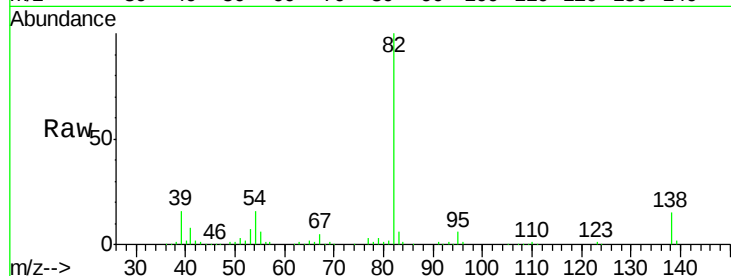
Tgt Ion: 82 Resp: 339123

Ion Ratio Lower Upper

82 100

95 6.3 5.5 8.3

138 14.8 16.1 24.1#



#26

2-Nitrophenol

Concen: 40.54 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.03 min

Lab File: BF079630.D

Acq: 31 May 2015 13:35

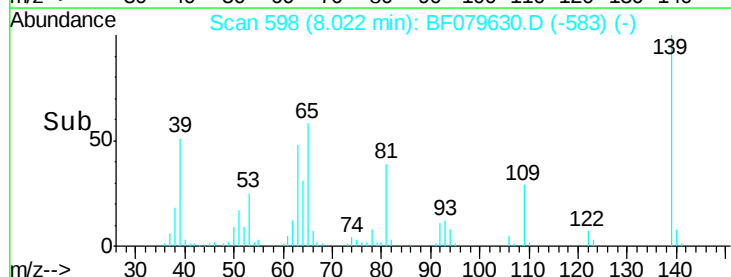
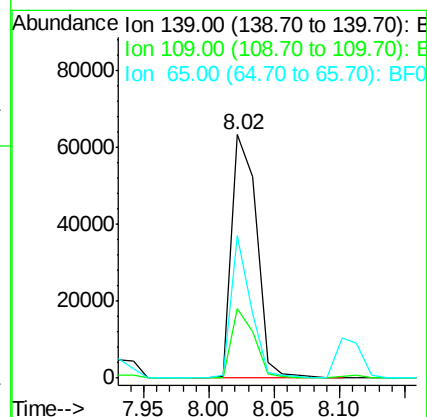
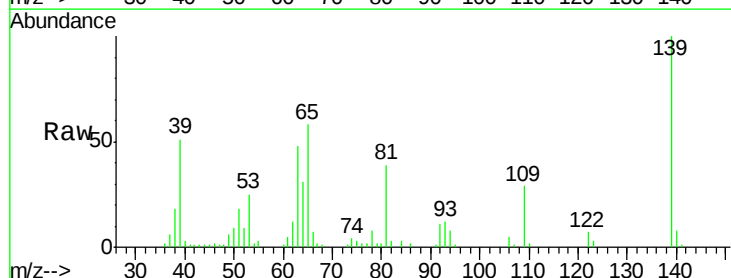
Tgt Ion: 139 Resp: 83812

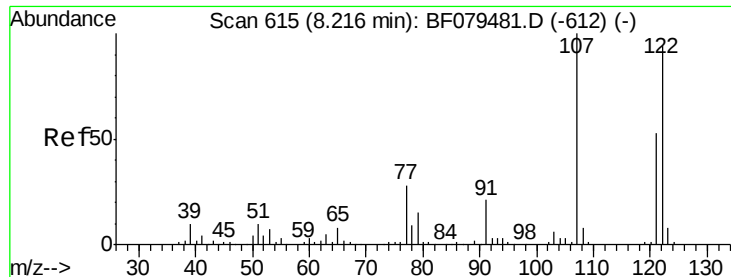
Ion Ratio Lower Upper

139 100

109 28.6 20.2 30.2

65 58.5 32.5 48.7#

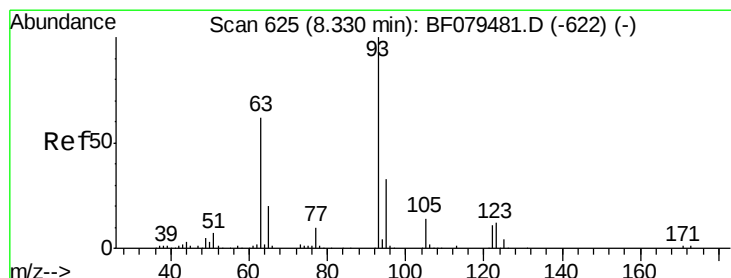
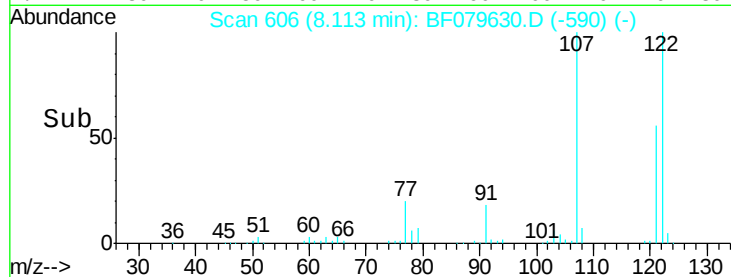
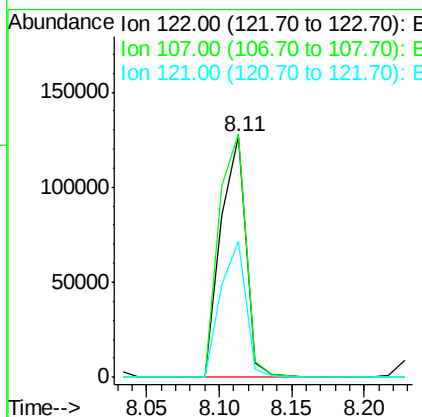
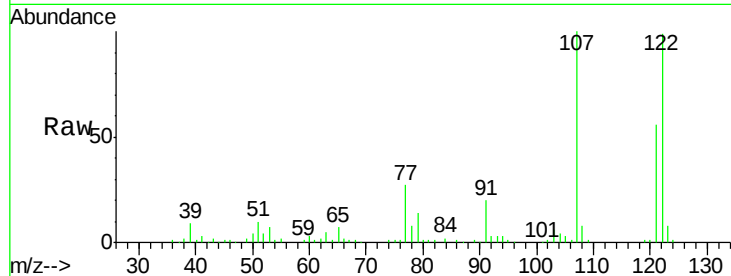




#27
 2,4-Dimethylphenol
 Concen: 41.13 ng
 RT: 8.11 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

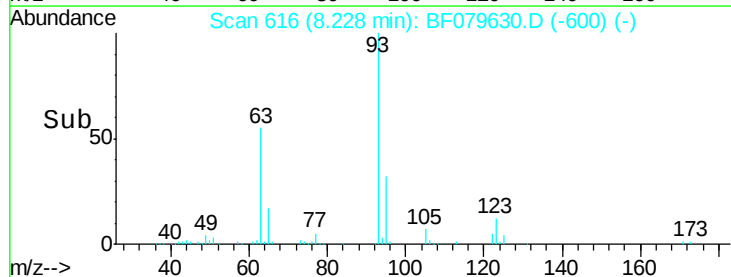
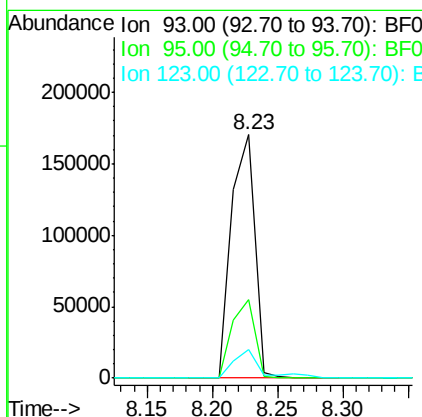
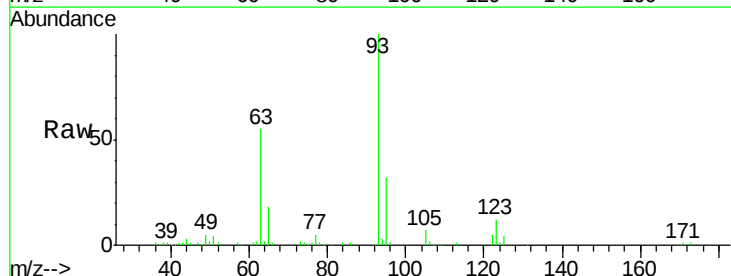
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

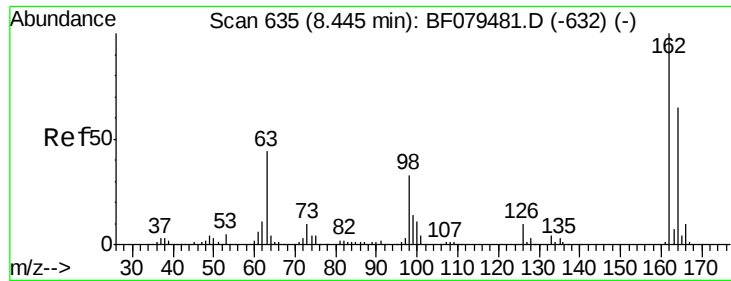
Tgt Ion: 122 Resp: 152865
 Ion Ratio Lower Upper
 122 100
 107 101.0 85.2 127.8
 121 56.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.39 ng
 RT: 8.23 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion: 93 Resp: 212179
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 39.8
 123 11.7 9.4 14.0

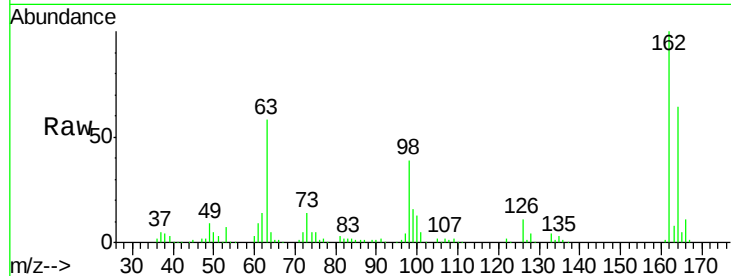




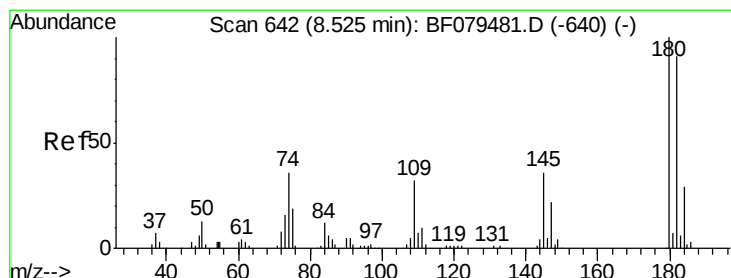
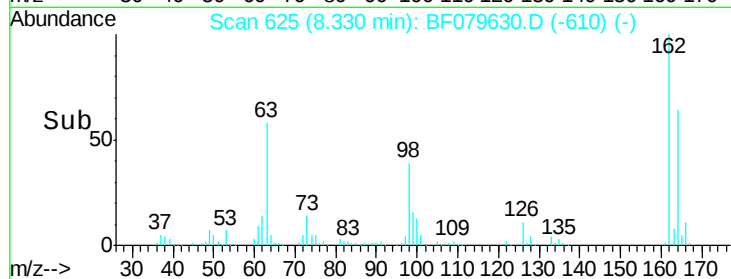
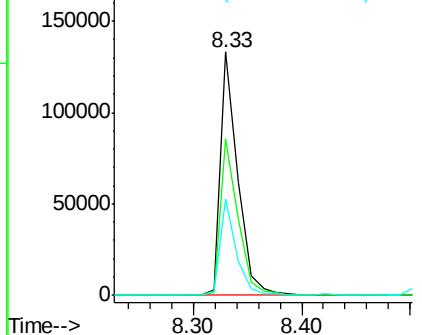
#29
 2,4-Dichlorophenol
 Concen: 43.50 ng
 RT: 8.33 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 148069
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.0 85.0
 98 39.4 13.2 53.2

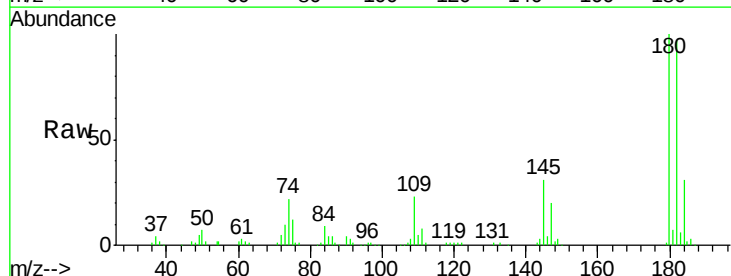


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

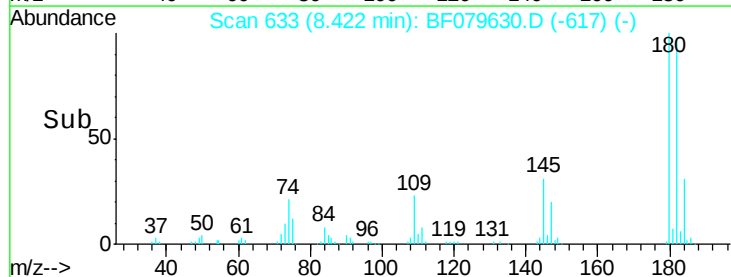
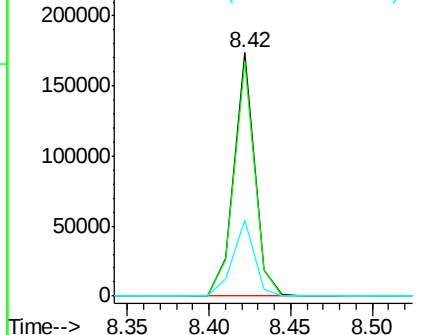


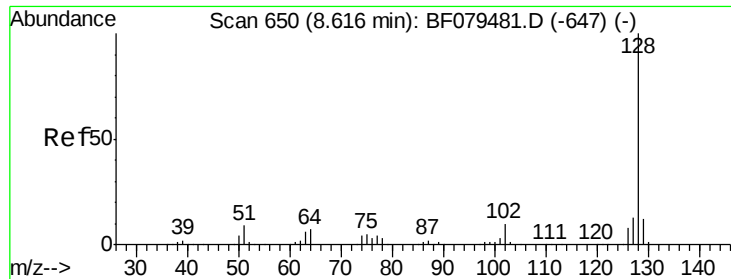
#30
 1,2,4-Trichlorobenzene
 Concen: 42.93 ng
 RT: 8.42 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion:180 Resp: 151613
 Ion Ratio Lower Upper
 180 100
 182 96.6 73.2 109.8
 145 31.1 28.9 43.3



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

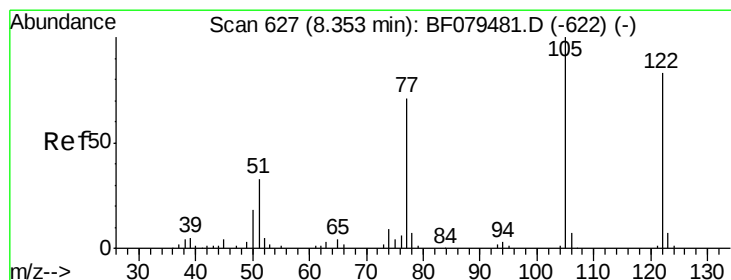
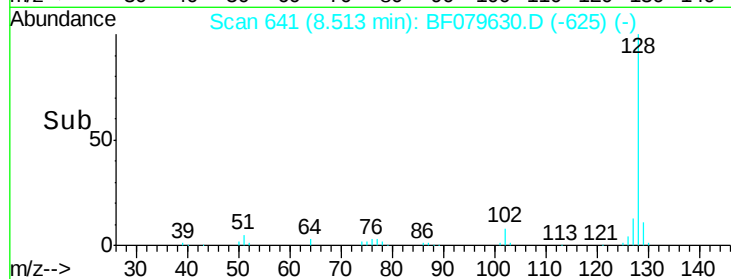
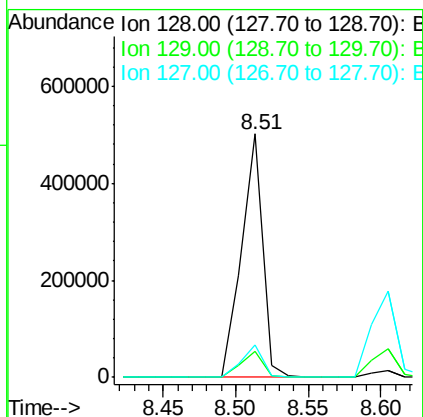
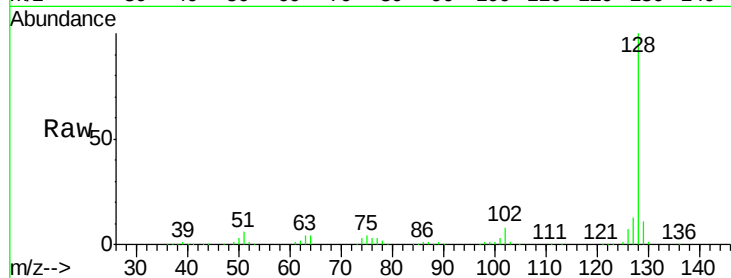




#31
Naphthalene
Concen: 41.39 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079630.D
Acq: 31 May 2015 13:35

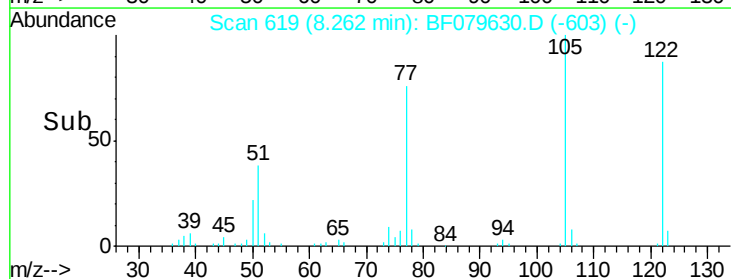
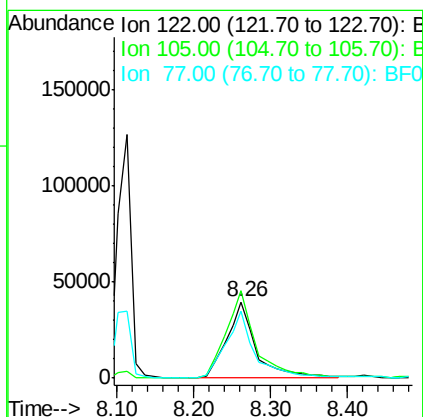
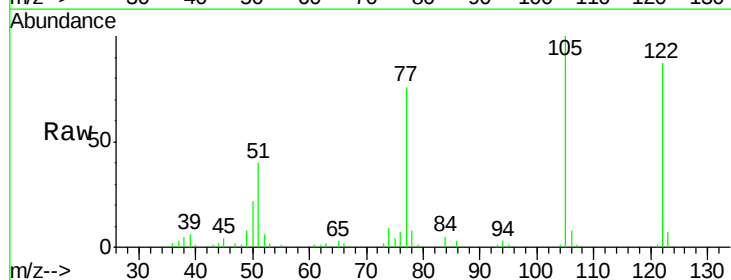
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

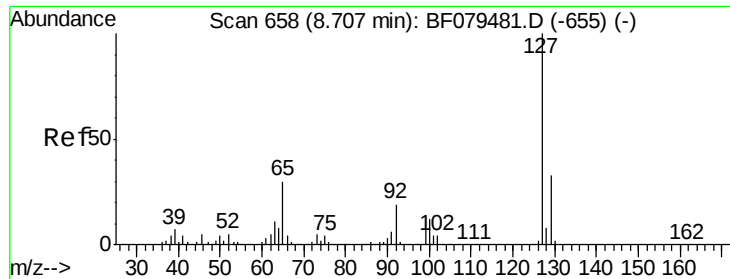
Tgt Ion:128 Resp: 508724
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 46.22 ng
RT: 8.26 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF079630.D
Acq: 31 May 2015 13:35

Tgt Ion:122 Resp: 106606
Ion Ratio Lower Upper
122 100
105 115.2 100.2 140.2
77 87.8 64.8 104.8

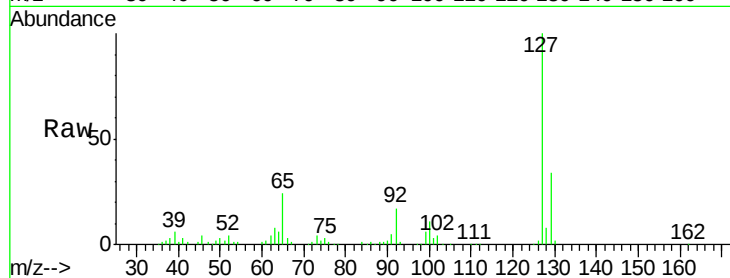




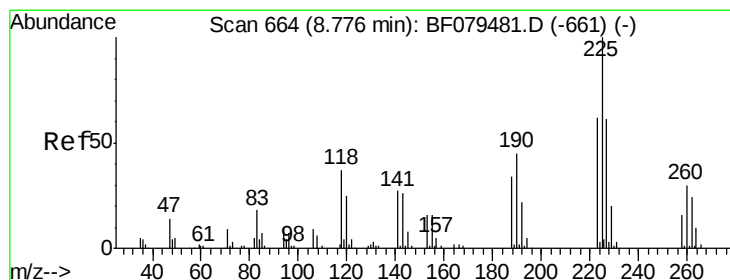
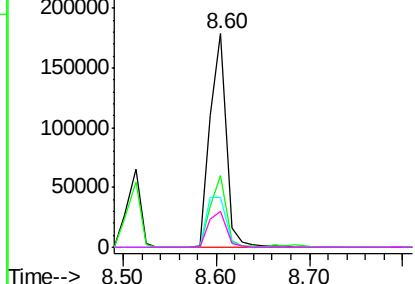
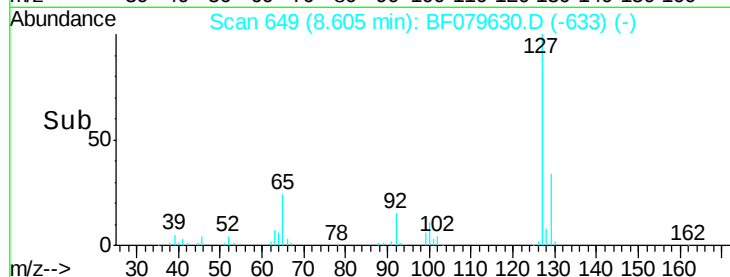
#33
4-Chloroaniline
Concen: 42.13 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF079630.D
Acq: 31 May 2015 13:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	216342
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.2
65	23.7	24.2	36.4#
92	16.5	15.4	23.0

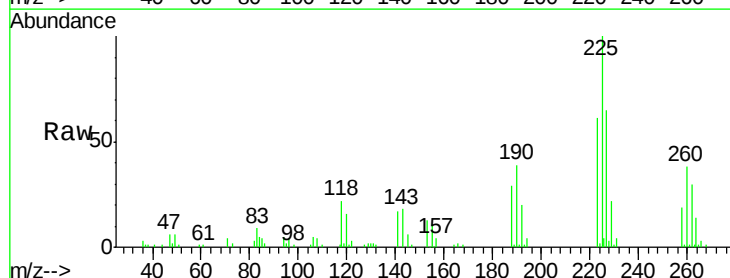


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

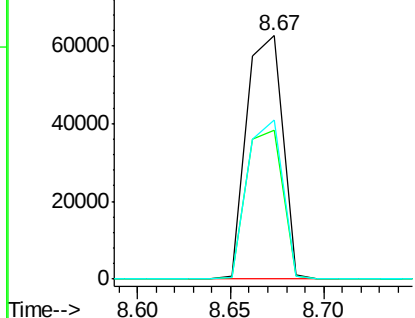
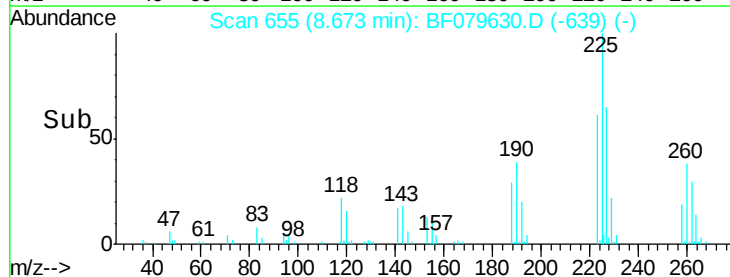


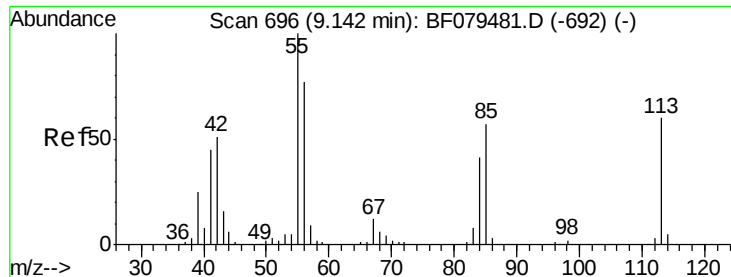
#34
Hexachlorobutadiene
Concen: 41.60 ng
RT: 8.67 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF079630.D
Acq: 31 May 2015 13:35

Tgt Ion:	225	Resp:	83563
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.9	74.9
227	65.2	48.9	73.3



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

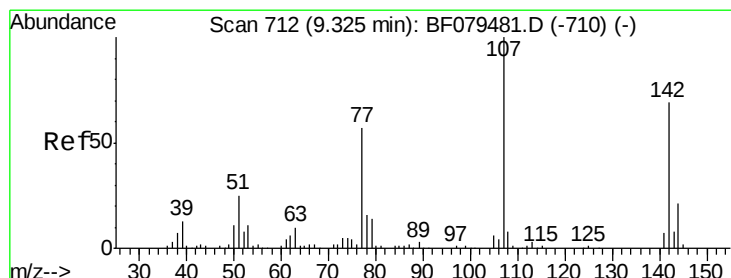
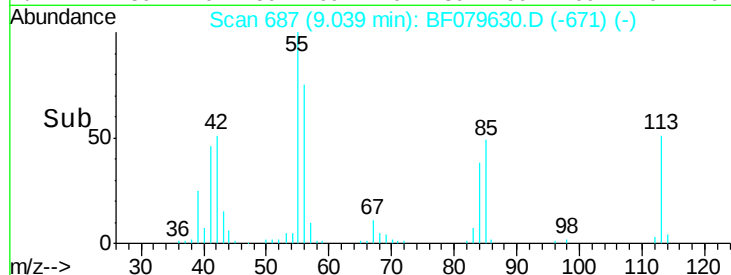
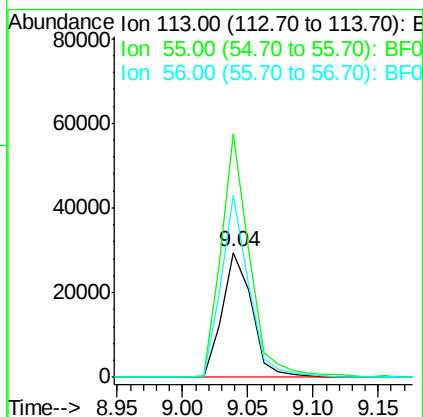
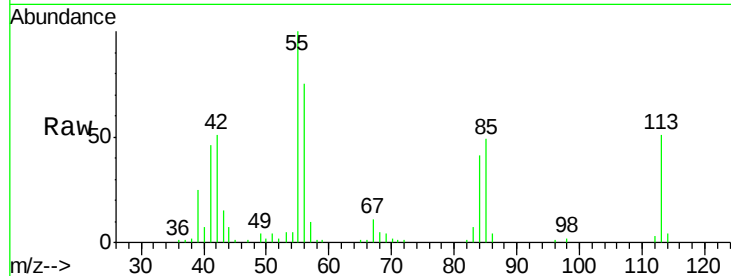




#35
 Caprolactam
 Concen: 43.61 ng
 RT: 9.04 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

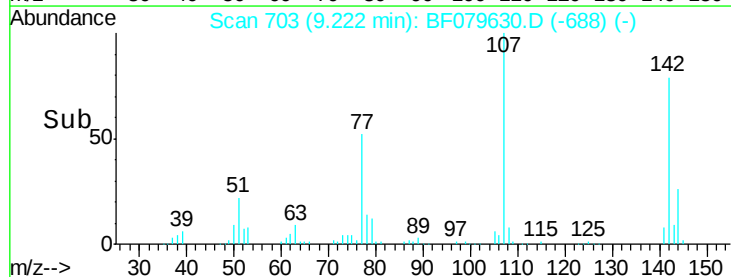
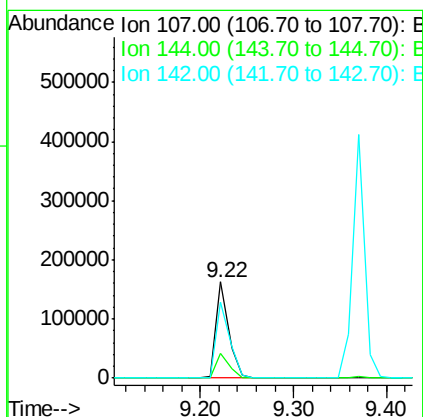
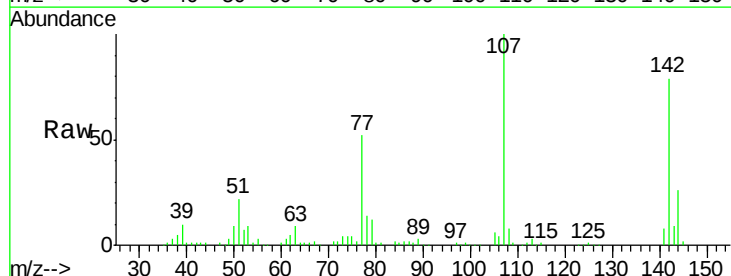
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

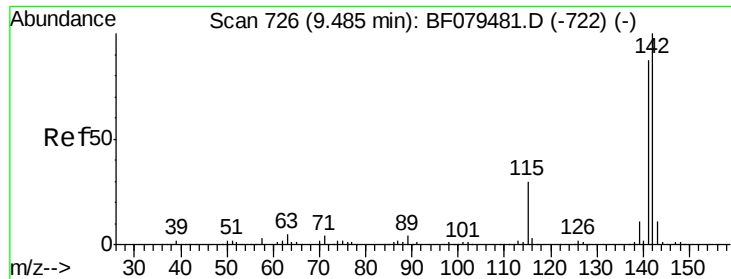
Tgt Ion:113 Resp: 46811
 Ion Ratio Lower Upper
 113 100
 55 194.7 147.2 187.2#
 56 145.4 108.6 148.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.13 ng
 RT: 9.22 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion:107 Resp: 155808
 Ion Ratio Lower Upper
 107 100
 144 25.8 16.9 25.3#
 142 78.6 55.2 82.8

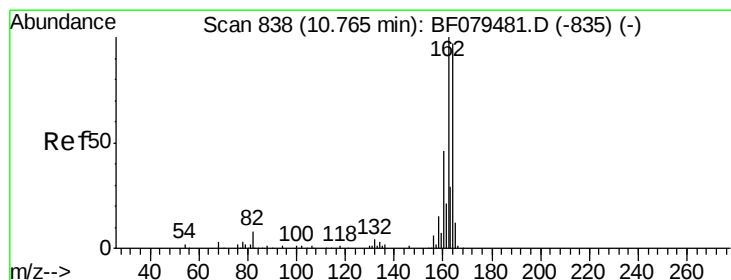
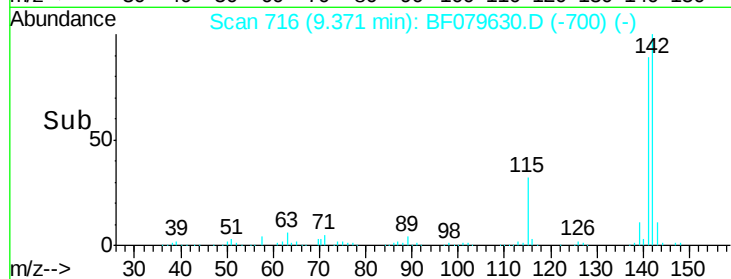
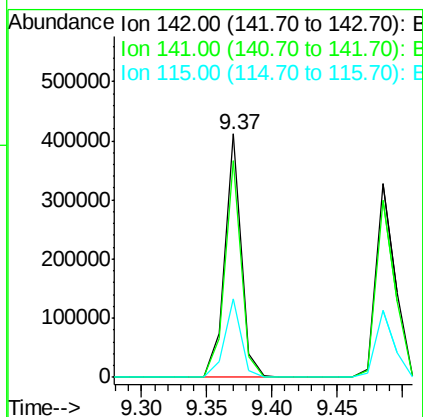
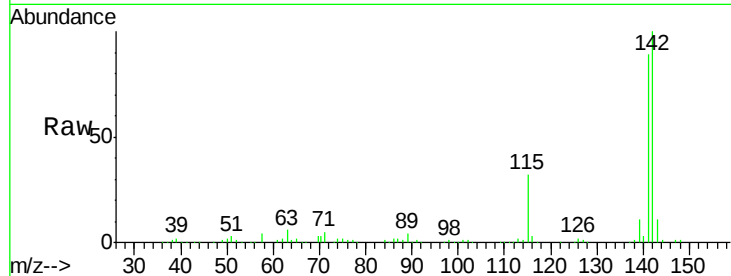




#37
 2-Methylnaphthalene
 Concen: 42.57 ng
 RT: 9.37 min Scan# 716
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

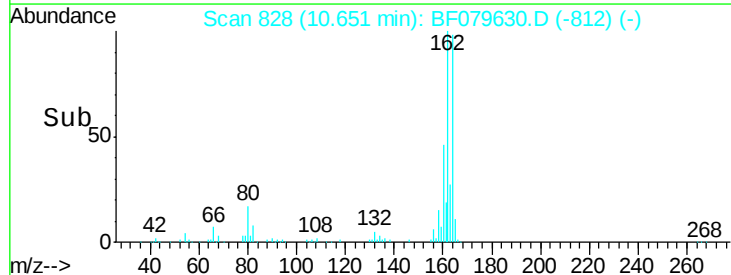
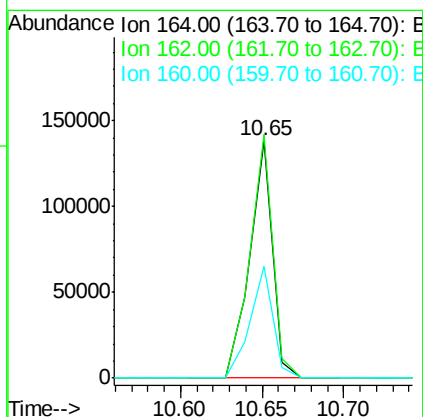
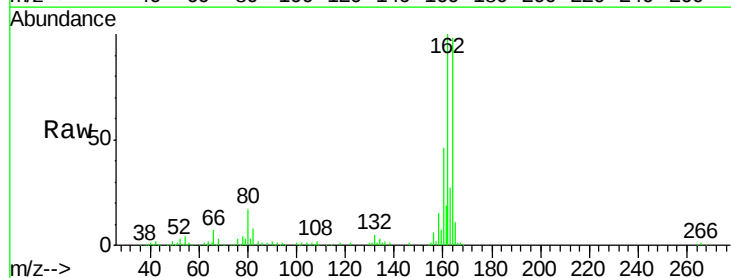
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

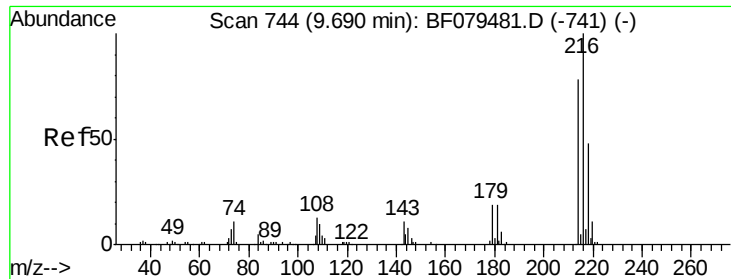
Tgt Ion:142 Resp: 363265
 Ion Ratio Lower Upper
 142 100
 141 89.2 69.5 104.3
 115 32.1 23.8 35.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion:164 Resp: 134173
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 46.7 37.7 56.5

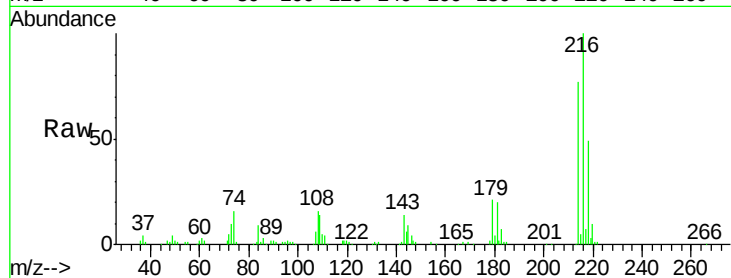




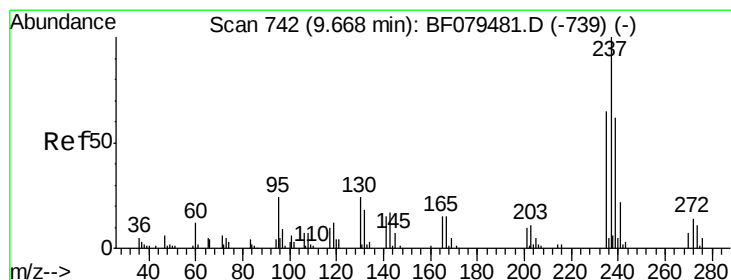
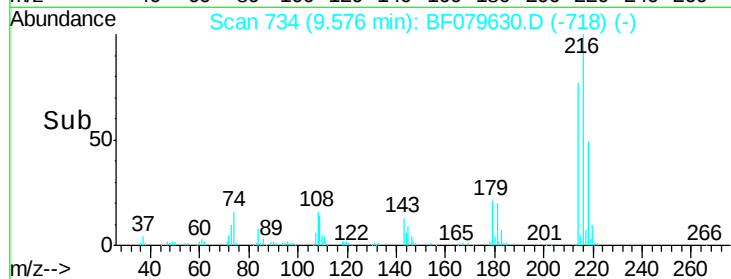
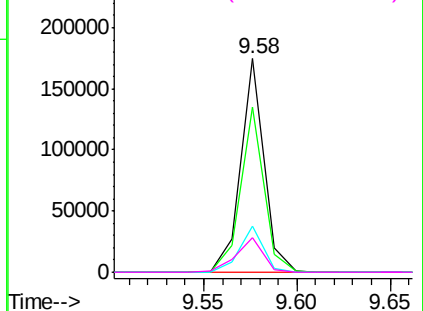
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.72 ng
 RT: 9.58 min Scan# 734
 Delta R.T. -0.02 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	152813
Ion	Ratio	Lower	Upper
216	100		
214	77.6	0.0	0.0#
179	21.9	0.0	0.0#
108	18.9	0.0	0.0#

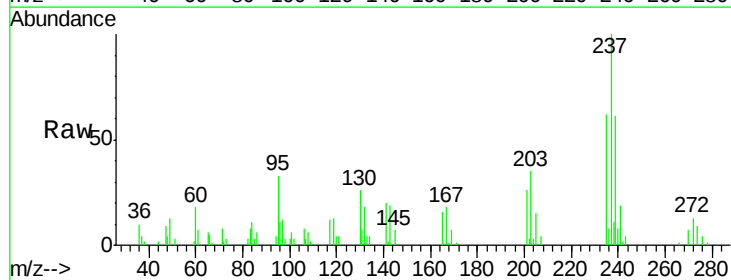


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 36.41 ng
 RT: 9.55 min Scan# 732
 Delta R.T. -0.03 min
 Lab File: BF079630.D
 Acq: 31 May 2015 13:35

Tgt Ion:	237	Resp:	27852
Ion	Ratio	Lower	Upper
237	100		
235	61.9	45.0	85.0
272	12.5	0.0	33.9



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

