

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079632.D
 Acq On : 31 May 2015 14:48
 Operator : TP/IZ
 Sample : PB83635BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Quant Time: Jun 01 04:10:27 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 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	67998	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	279809	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	143997	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	274411	20.00	ng	0.00
75) Chrysene-d12	15.75	240	275396	20.00	ng	0.00
86) Perylene-d12	17.44	264	285795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	450330	114.87	ng	0.00
7) Phenol-d6	6.50	99	555696	111.21	ng	0.00
23) Nitrobenzene-d5	7.61	82	327126	67.58	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	181025	114.46	ng	0.00
44) 2-Fluorobiphenyl	9.83	172	672332	66.61	ng	0.00
78) Terphenyl-d14	14.47	244	814972	69.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.71	88	60895	32.65	ng	# 100
3) Pyridine	2.33	79	137968	33.60	ng	97
4) n-Nitrosodimethylamine	2.27	42	69111	34.18	ng	98
6) Aniline	6.49	93	173706	24.49	ng	98
8) 2-Chlorophenol	6.64	128	166009	36.38	ng	100
9) Benzaldehyde	6.35	77	192864	87.20	ng	93
10) Phenol	6.51	94	208256	35.39	ng	90
11) bis(2-Chloroethyl)ether	6.60	93	157157	36.93	ng	92
12) 1,3-Dichlorobenzene	6.82	146	175328	34.68	ng	100
13) 1,4-Dichlorobenzene	6.92	146	176853	34.29	ng	99
14) 1,2-Dichlorobenzene	7.11	146	169897	35.47	ng	100
15) Benzyl Alcohol	7.11	79	132615	36.11	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	217760	34.96	ng	95
17) 2-Methylphenol	7.27	107	130651	36.44	ng	99
18) Hexachloroethane	7.52	117	60685	34.18	ng	95
19) n-Nitroso-di-n-propylamine	7.44	70	118443	33.69	ng	# 93
20) 3+4-Methylphenols	7.46	107	173387	35.19	ng	93
22) Acetophenone	7.43	105	234300	37.38	ng	# 93
24) Nitrobenzene	7.63	77	165797	34.75	ng	# 85
25) Isophorone	7.93	82	305470	34.62	ng	# 93
26) 2-Nitrophenol	8.02	139	78362	34.69	ng	# 79
27) 2,4-Dimethylphenol	8.11	122	146423	36.06	ng	95
28) bis(2-Chloroethoxy)methane	8.22	93	188373	34.45	ng	97
29) 2,4-Dichlorophenol	8.33	162	147070	39.54	ng	96
30) 1,2,4-Trichlorobenzene	8.42	180	139478	36.15	ng	93
31) Naphthalene	8.51	128	465487	34.67	ng	99
32) Benzoic acid	8.25	122	97355	38.64	ng	95
33) 4-Chloroaniline	8.60	127	131218	23.39	ng	95
34) Hexachlorobutadiene	8.66	225	77052	35.11	ng	99
35) Caprolactam	9.03	113	42415	36.16	ng	# 82
36) 4-Chloro-3-methylphenol	9.22	107	150898	39.12	ng	87
37) 2-Methylnaphthalene	9.37	142	339915	36.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	138499	34.39	ng	# 100
40) Hexachlorocyclopentadiene	9.55	237	66318	61.35	ng	99

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 Data File : BF079632.D
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

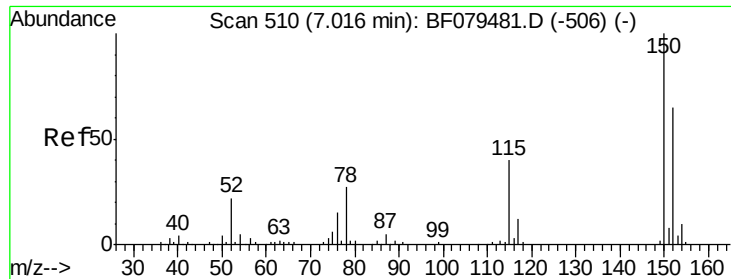
Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Quant Time: Jun 01 04:10:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.74	196	88749	31.56	ng	97
43) 2,4,5-Trichlorophenol	9.78	196	101565	36.28	ng	# 89
45) 1,1'-Biphenyl	9.95	154	402319	35.77	ng	98
46) 2-Chloronaphthalene	9.96	162	307161	34.58	ng	99
47) 2-Nitroaniline	10.11	65	91631	34.69	ng	# 63
48) Acenaphthylene	10.47	152	502369	34.07	ng	100
49) Dimethylphthalate	10.35	163	378876	35.71	ng	99
50) 2,6-Dinitrotoluene	10.42	165	76904	36.28	ng	# 68
51) Acenaphthene	10.68	154	282591	33.52	ng	99
52) 3-Nitroaniline	10.63	138	70067	25.41	ng	# 73
53) 2,4-Dinitrophenol	10.78	184	46194	60.18	ng	# 86
54) Dibenzofuran	10.90	168	447669	36.00	ng	100
55) 4-Nitrophenol	10.90	139	279370	182.72	ng	# 16
56) 2,4-Dinitrotoluene	10.92	165	108849	38.29	ng	# 80
57) Fluorene	11.32	166	361300	35.25	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.07	232	71774	35.23	ng	# 100
59) Diethylphthalate	11.22	149	373081	35.92	ng	96
60) 4-Chlorophenyl-phenylether	11.34	204	160808	36.31	ng	98
61) 4-Nitroaniline	11.38	138	87680	34.14	ng	81
62) Azobenzene	11.53	77	348181	34.47	ng	99
64) 4,6-Dinitro-2-methylphenol	11.43	198	44535	34.42	ng	78
65) n-Nitrosodiphenylamine	11.50	169	316958	34.78	ng	99
66) 4-Bromophenyl-phenylether	11.94	248	103950	36.79	ng	99
67) Hexachlorobenzene	12.00	284	119032	36.95	ng	95
68) Atrazine	12.17	200	97939	39.78	ng	97
69) Pentachlorophenol	12.26	266	63020	51.06	ng	98
70) Phenanthrene	12.51	178	529205	35.15	ng	99
71) Anthracene	12.57	178	543652	35.57	ng	99
72) Carbazole	12.79	167	545902	37.10	ng	99
73) Di-n-butylphthalate	13.25	149	636938	38.42	ng	99
74) Fluoranthene	13.98	202	584455	36.20	ng	96
76) Benzidine	14.17	184	248864	42.19	ng	98
77) Pyrene	14.25	202	604750	35.44	ng	99
79) Butylbenzylphthalate	15.10	149	285815	37.25	ng	93
80) Benzo(a)anthracene	15.74	228	543295	34.29	ng	100
81) 3,3'-Dichlorobenzidine	15.73	252	169185	29.16	ng	98
82) Chrysene	15.78	228	534034	35.46	ng	99
83) Bis(2-ethylhexyl)phthalate	15.82	149	425098	38.67	ng	# 98
84) Di-n-octyl phthalate	16.59	149	727280	38.01	ng	99
85) Indeno(1,2,3-cd)pyrene	18.71	276	687119	35.47	ng	98
87) Benzo(b)fluoranthene	17.02	252	593239	36.40	ng	# 98
88) Benzo(k)fluoranthene	17.02	252	593239	40.70	ng	98
89) Benzo(a)pyrene	17.38	252	554561	38.52	ng	99
90) Dibenzo(a,h)anthracene	18.73	278	564895	37.52	ng	99
91) Benzo(g,h,i)perylene	19.07	276	565706	37.96	ng	98

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

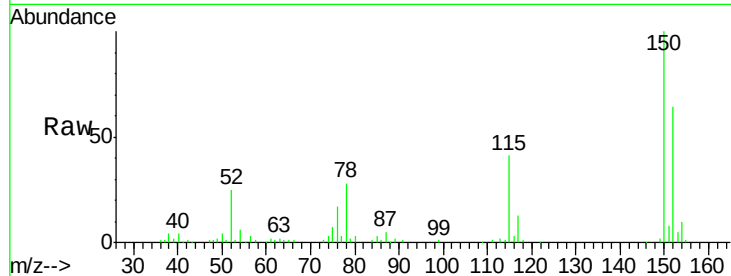


#1

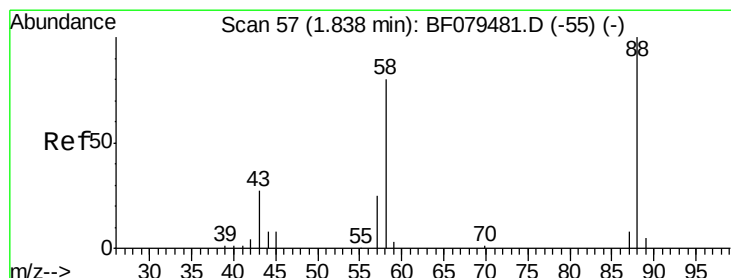
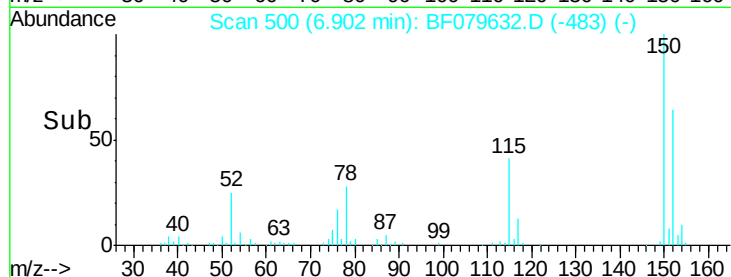
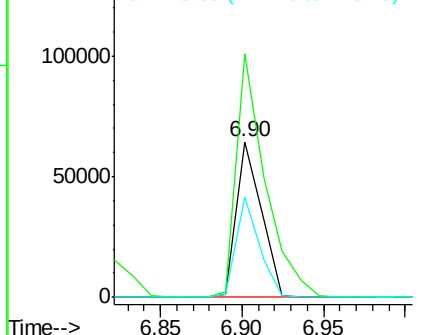
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Instrument :
BNA_F
ClientSampled :
PB83635BS

Tgt Ion: 152 Resp: 67998
Ion Ratio Lower Upper
152 100
150 156.8 124.0 186.0
115 64.8 49.6 74.4



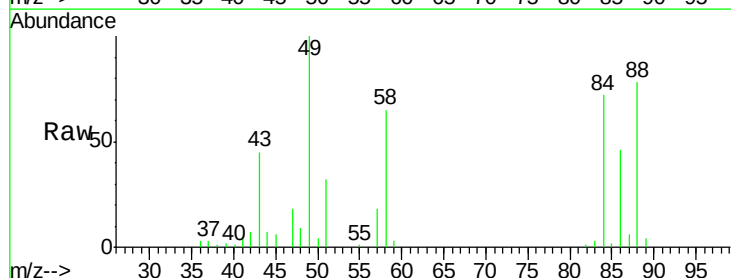
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



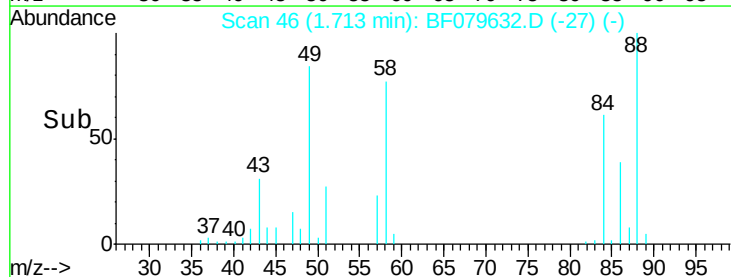
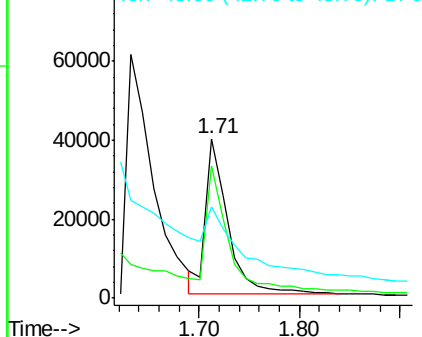
#2

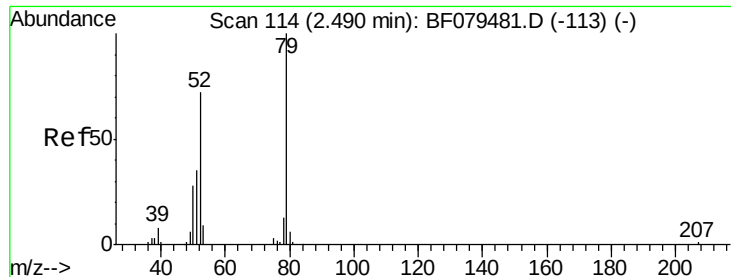
1,4-Dioxane
Concen: 32.65 ng
RT: 1.71 min Scan# 46
Delta R.T. 0.02 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Tgt Ion: 88 Resp: 60895
Ion Ratio Lower Upper
88 100
58 77.1 0.0 0.0#
43 0.0 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: 33.60 ng

RT: 2.33 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

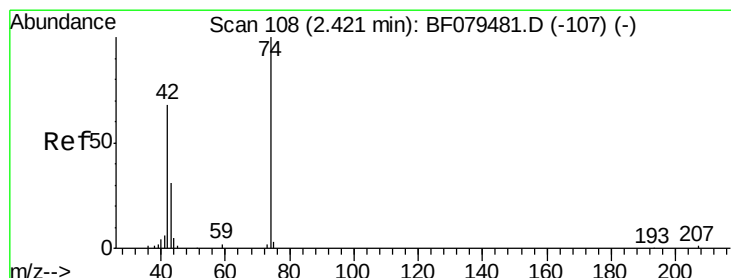
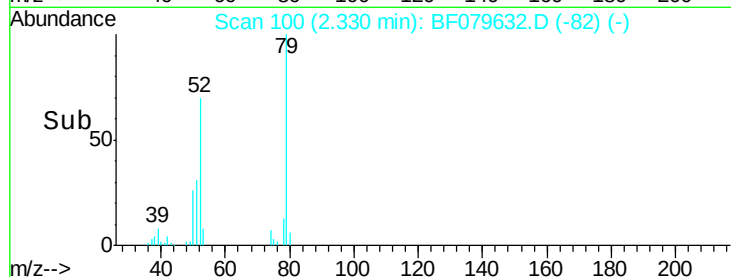
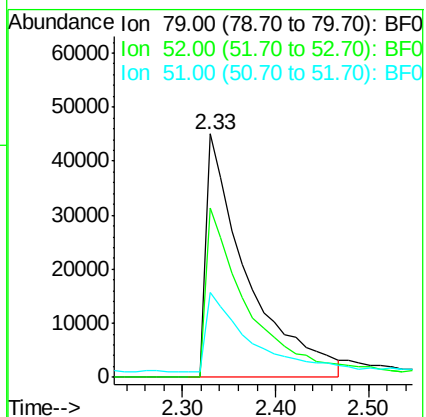
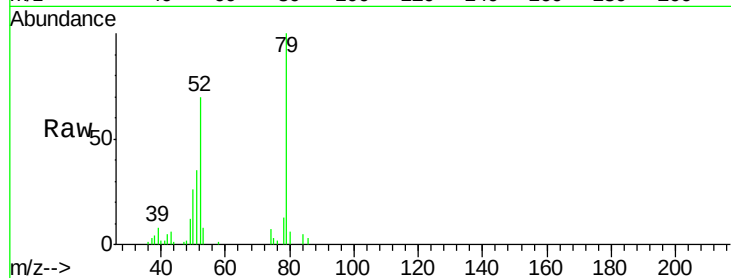
Tgt Ion: 79 Resp: 137968

Ion Ratio Lower Upper

79 100

52 69.7 57.4 86.2

51 34.8 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 34.18 ng

RT: 2.27 min Scan# 95

Delta R.T. 0.02 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

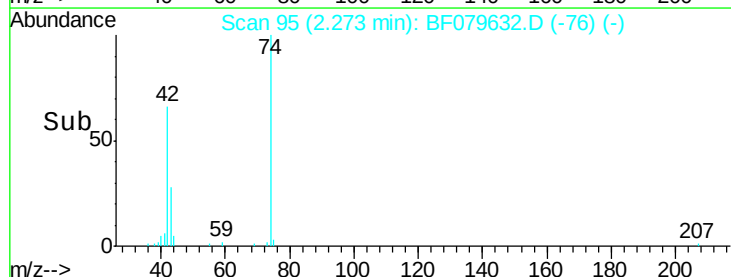
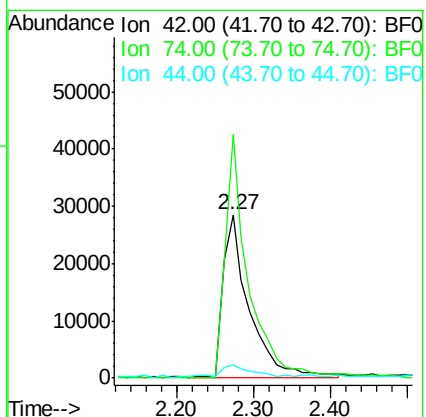
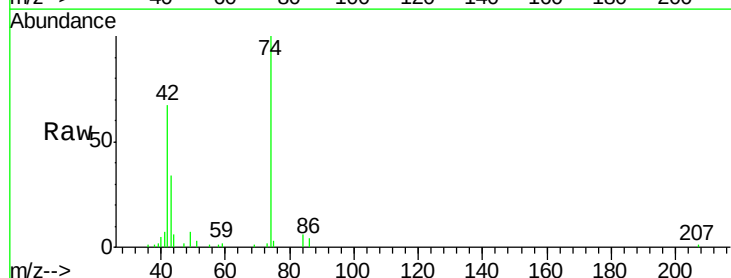
Tgt Ion: 42 Resp: 69111

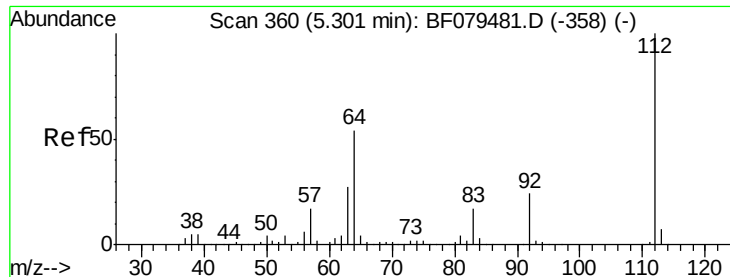
Ion Ratio Lower Upper

42 100

74 149.4 117.6 176.4

44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 114.87 ng

RT: 5.16 min Scan# 348

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

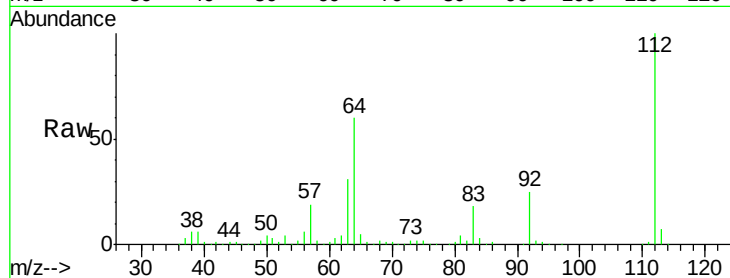
Tgt Ion: 112 Resp: 450330

Ion Ratio Lower Upper

112 100

64 60.1 43.5 65.3

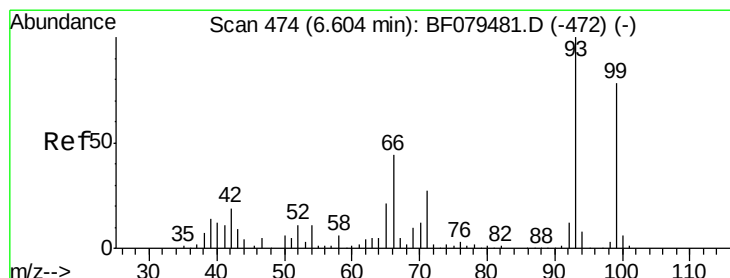
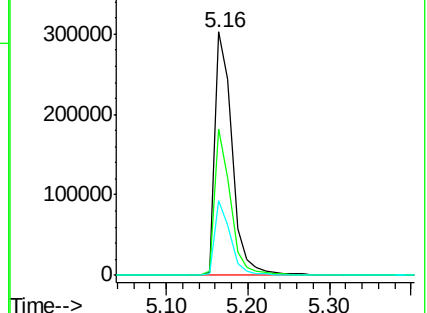
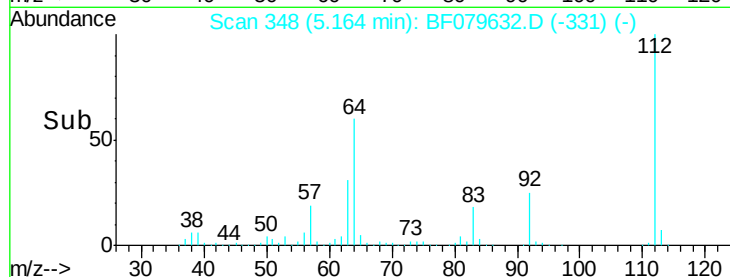
63 30.6 21.8 32.8



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: 24.49 ng

RT: 6.49 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

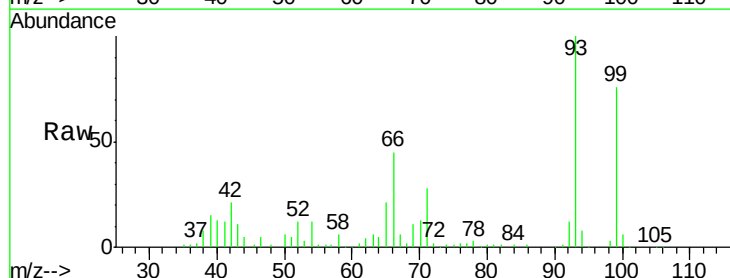
Tgt Ion: 93 Resp: 173706

Ion Ratio Lower Upper

93 100

66 45.4 34.8 52.2

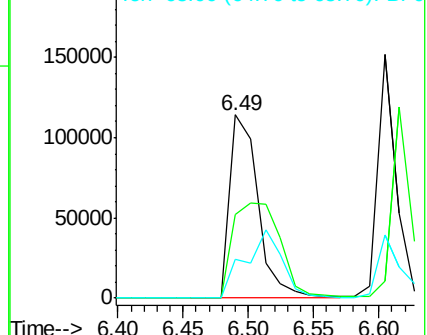
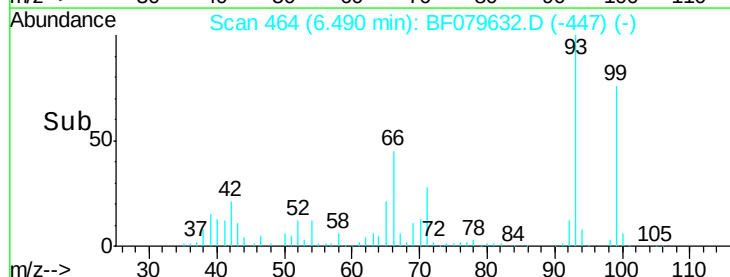
65 21.1 16.7 25.1

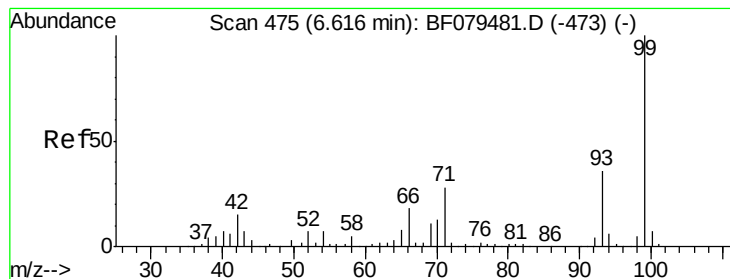


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.21 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

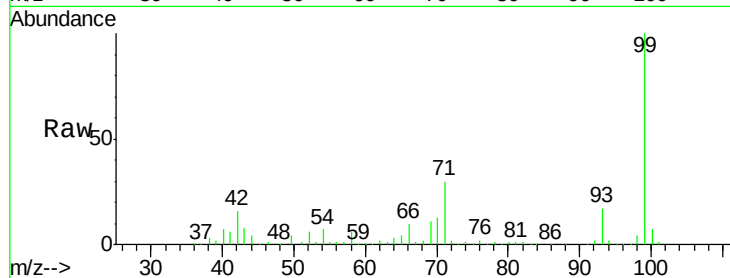
Tgt Ion: 99 Resp: 555696

Ion Ratio Lower Upper

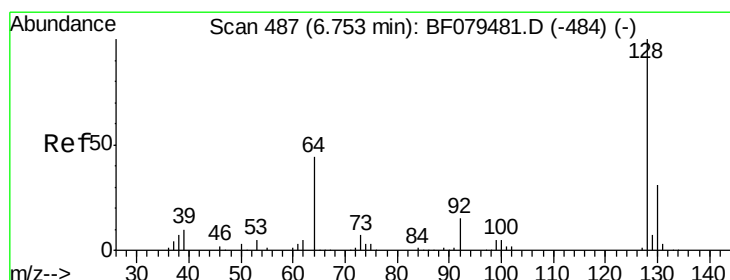
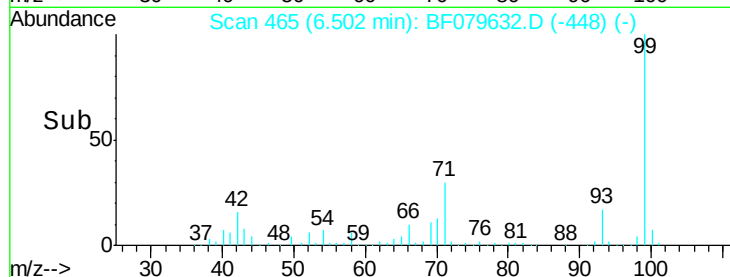
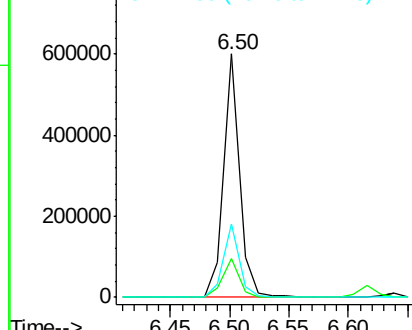
99 100

42 16.1 11.9 17.9

71 29.9 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: 36.38 ng

RT: 6.64 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

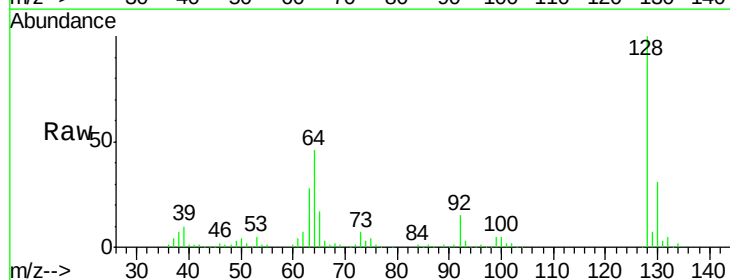
Tgt Ion: 128 Resp: 166009

Ion Ratio Lower Upper

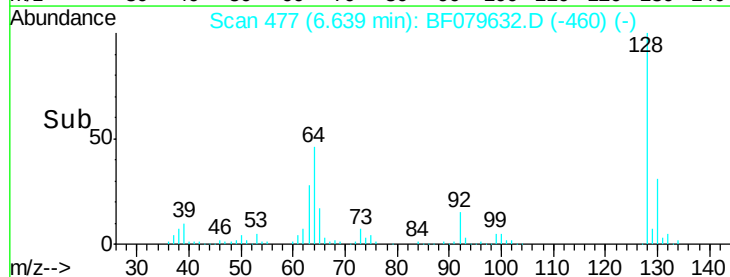
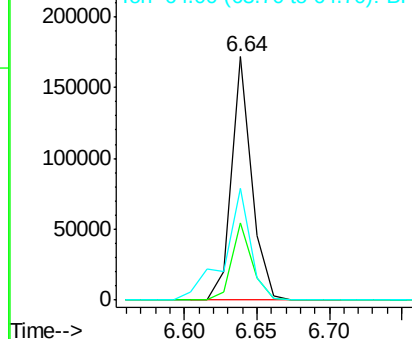
128 100

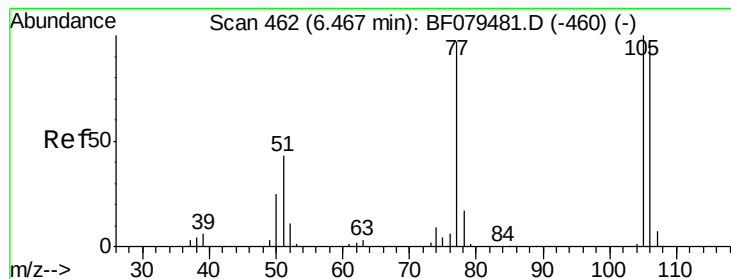
130 31.5 11.4 51.4

64 45.7 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: 87.20 ng

RT: 6.35 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

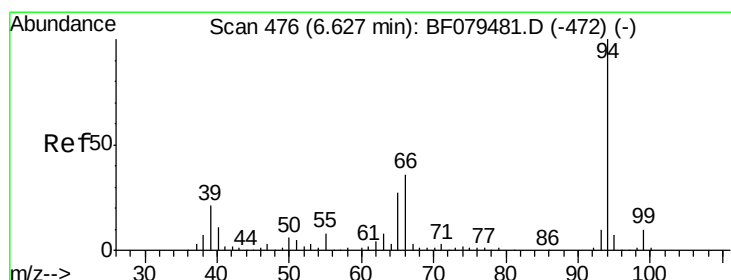
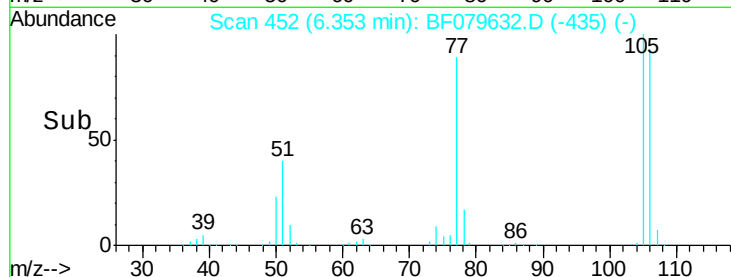
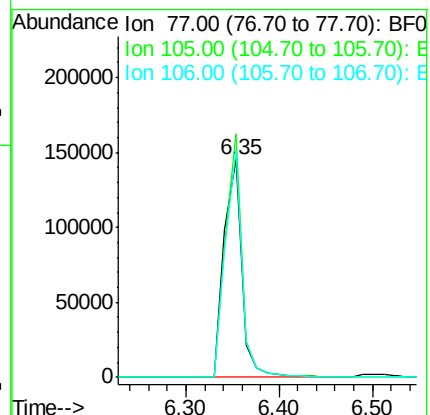
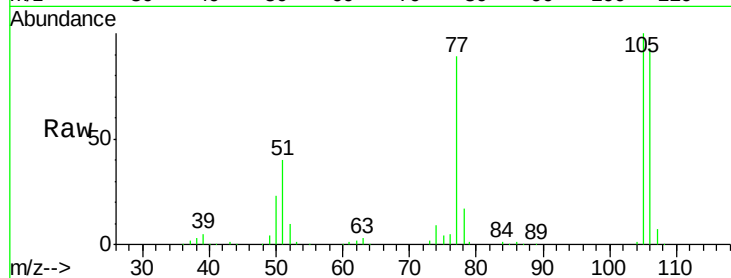
Tgt Ion: 77 Resp: 192864

Ion Ratio Lower Upper

77 100

105 111.8 83.3 123.3

106 104.1 78.4 118.4



#10

Phenol

Concen: 35.39 ng

RT: 6.51 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

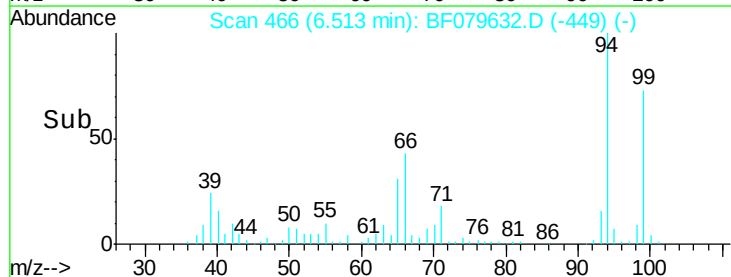
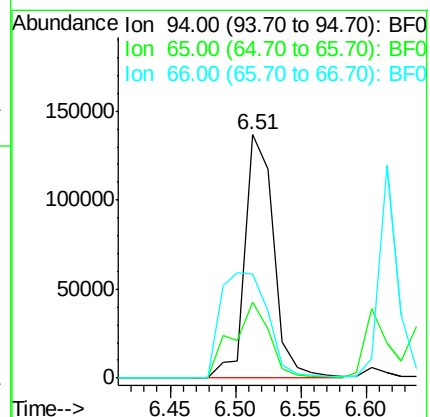
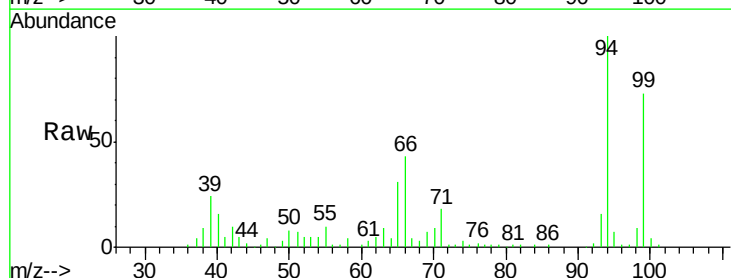
Tgt Ion: 94 Resp: 208256

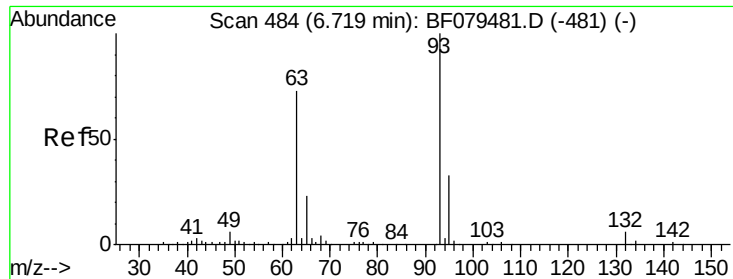
Ion Ratio Lower Upper

94 100

65 31.1 7.2 47.2

66 42.7 16.2 56.2

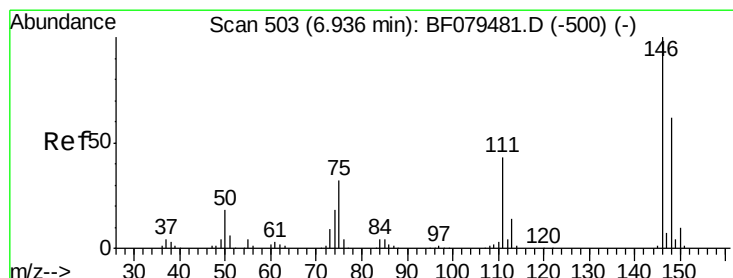
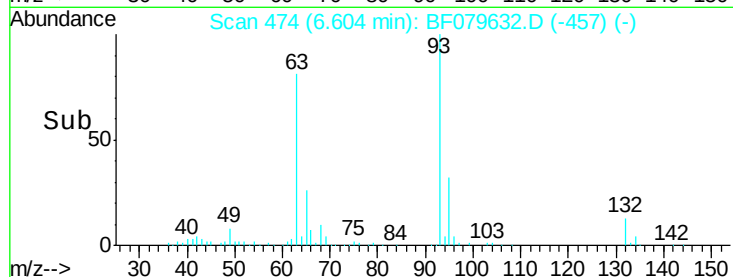
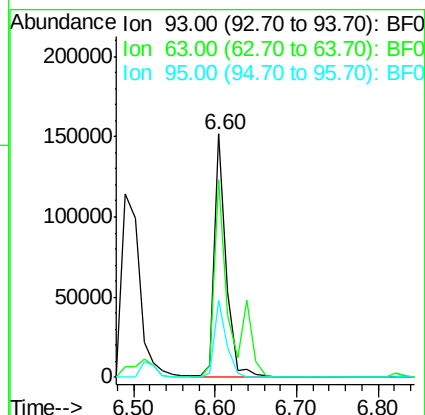
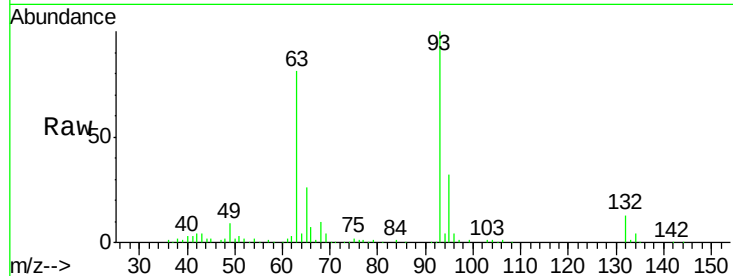




#11
bis(2-Chloroethyl)ether
Concen: 36.93 ng
RT: 6.60 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

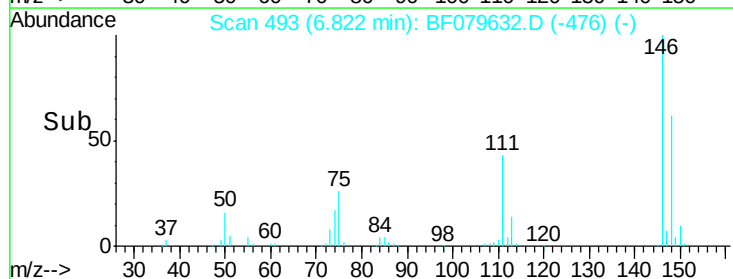
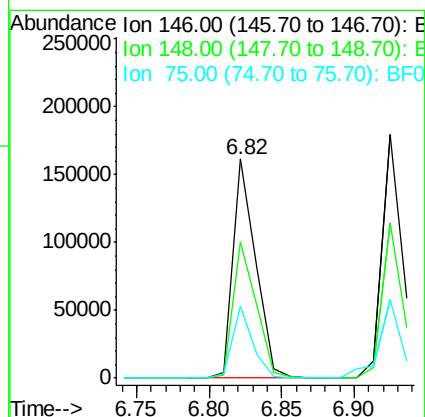
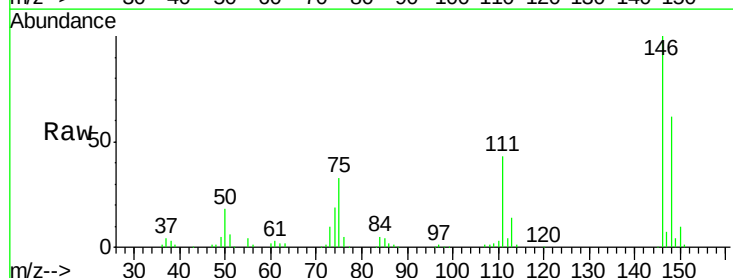
Instrument :
BNA_F
ClientSampleId :
PB83635BS

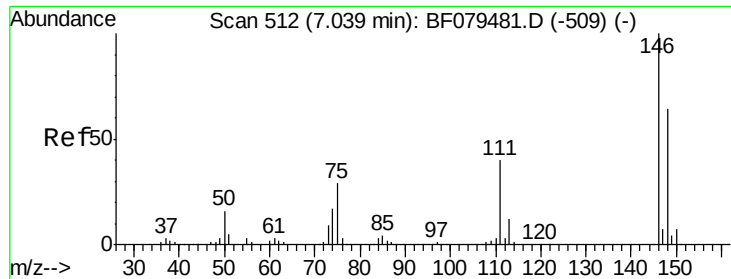
Tgt Ion: 93 Resp: 157157
Ion Ratio Lower Upper
93 100
63 81.2 51.8 91.8
95 31.6 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 34.68 ng
RT: 6.82 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Tgt Ion: 146 Resp: 175328
Ion Ratio Lower Upper
146 100
148 62.2 49.6 74.4
75 32.7 25.9 38.9

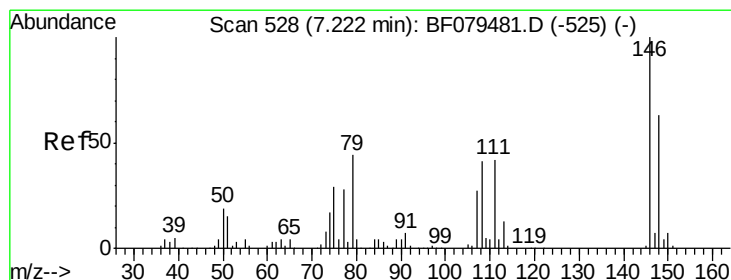
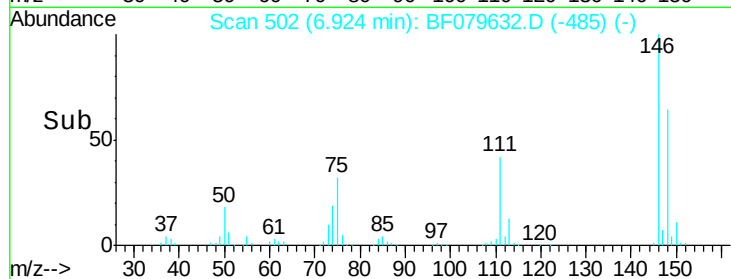
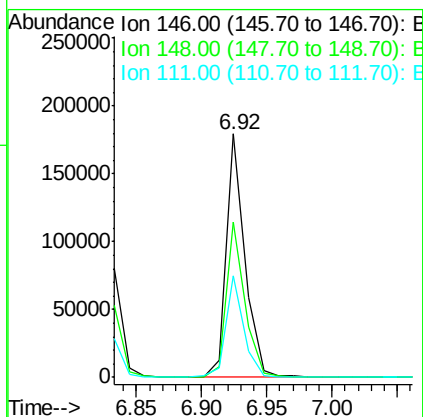
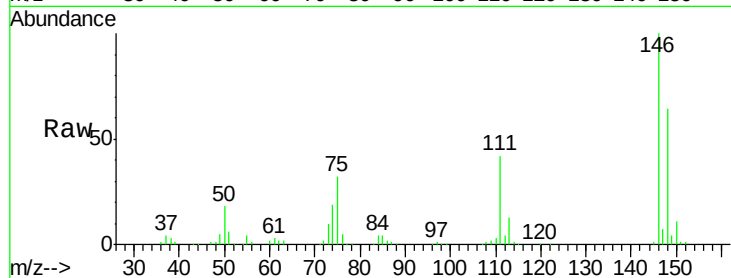




#13
 1,4-Dichlorobenzene
 Concen: 34.29 ng
 RT: 6.92 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: BF079632.D
 Acq: 31 May 2015 14:48

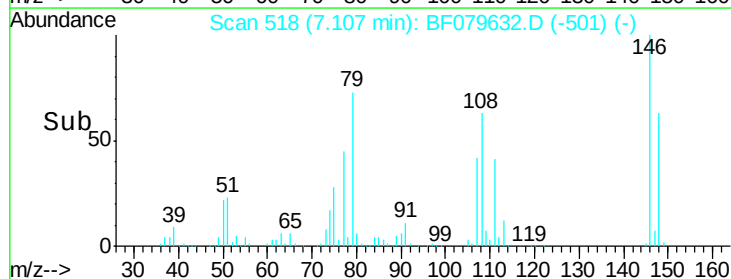
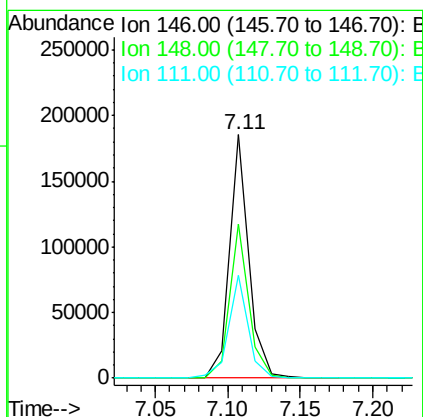
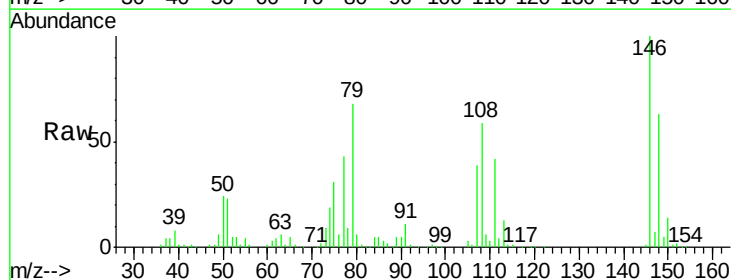
Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

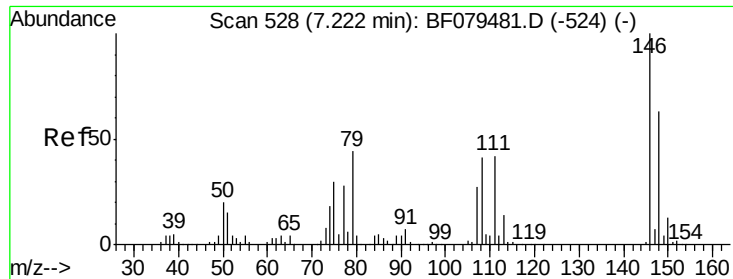
Tgt Ion:146 Resp: 176853
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 41.6 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 35.47 ng
 RT: 7.11 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF079632.D
 Acq: 31 May 2015 14:48

Tgt Ion:146 Resp: 169897
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 76.0
 111 42.0 33.2 49.8

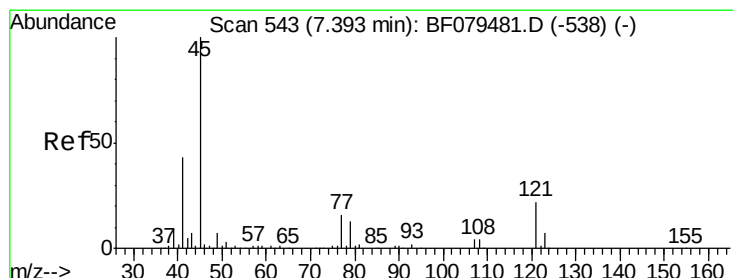
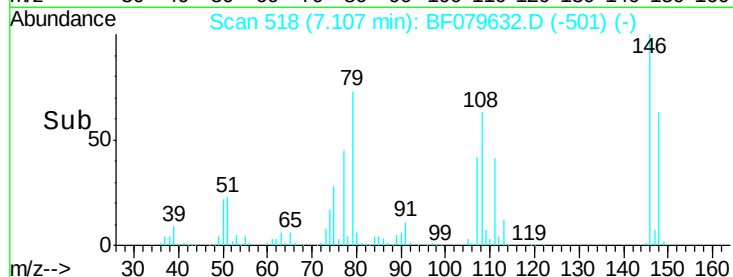
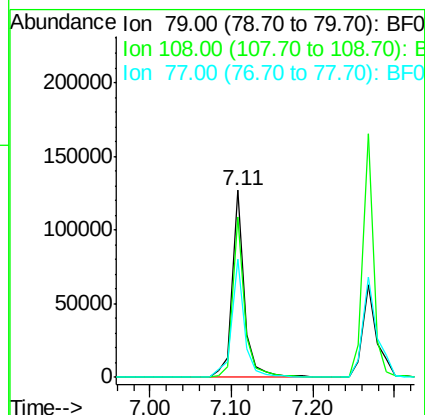
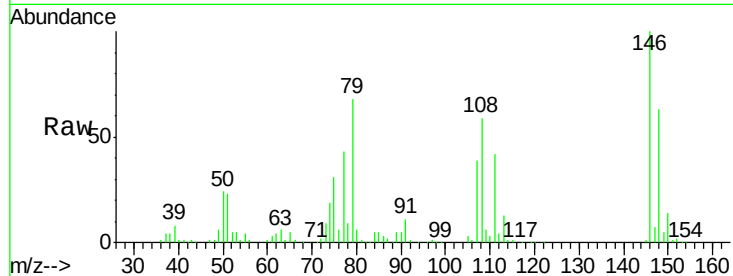




#15
Benzyl Alcohol
Concen: 36.11 ng
RT: 7.11 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

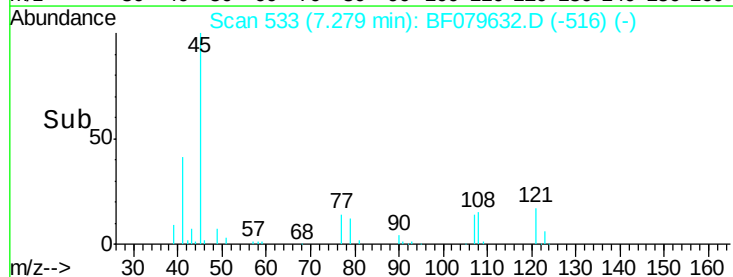
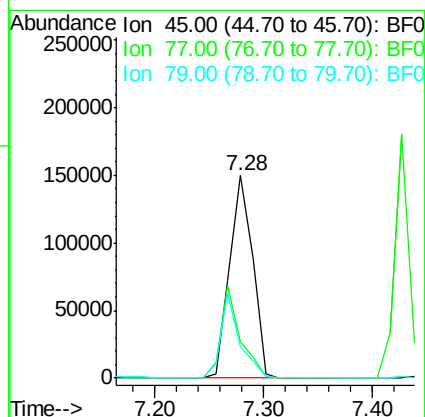
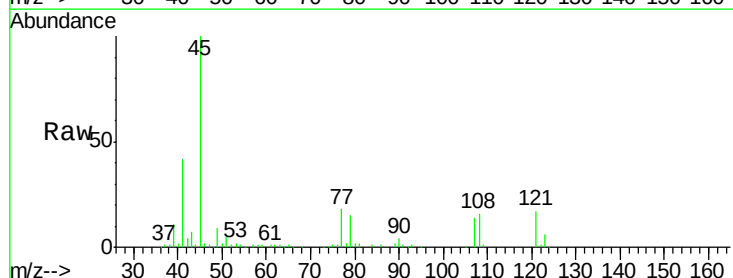
Instrument :
BNA_F
ClientSampleId :
PB83635BS

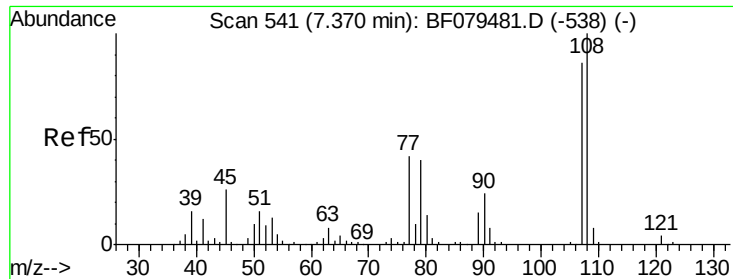
Tgt Ion: 79 Resp: 132615
Ion Ratio Lower Upper
79 100
108 85.8 73.7 110.5
77 63.2 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.96 ng
RT: 7.28 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Tgt Ion: 45 Resp: 217760
Ion Ratio Lower Upper
45 100
77 17.7 0.0 35.5
79 15.1 0.0 32.8





#17

2-Methylphenol

Concen: 36.44 ng

RT: 7.27 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

Tgt Ion:107 Resp: 130651

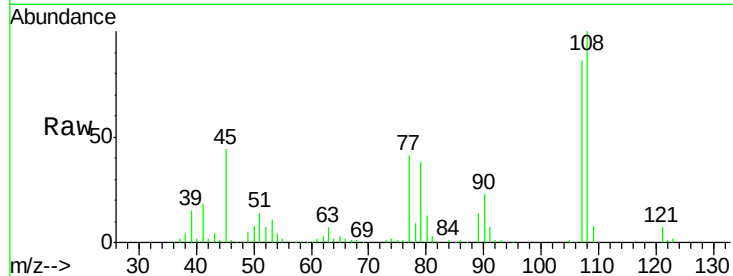
Ion Ratio Lower Upper

107 100

108 116.6 93.1 139.7

77 48.1 39.2 58.8

79 44.4 37.8 56.8

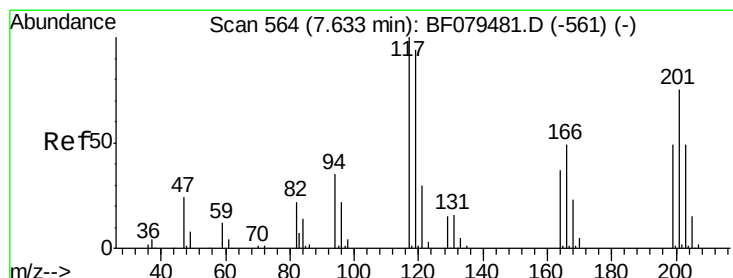
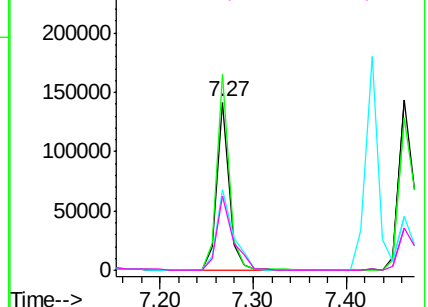
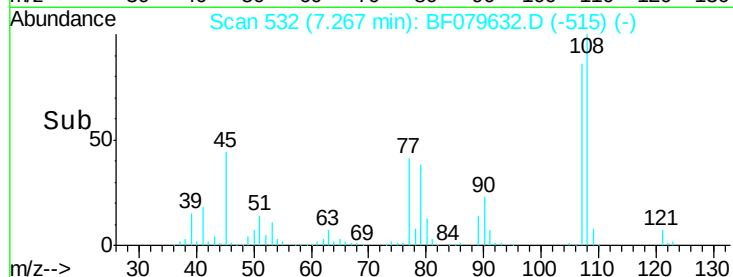


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.18 ng

RT: 7.52 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

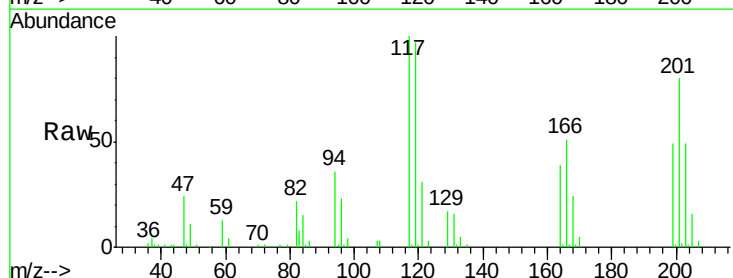
Tgt Ion:117 Resp: 60685

Ion Ratio Lower Upper

117 100

119 97.2 74.9 112.3

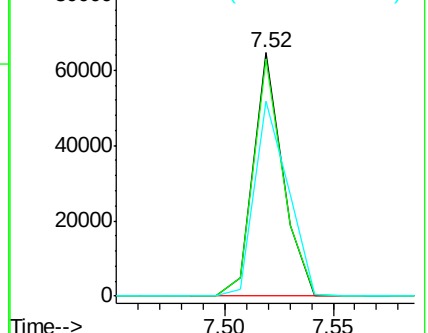
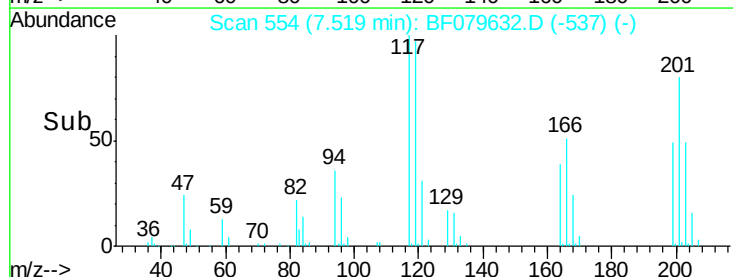
201 80.1 60.2 90.4

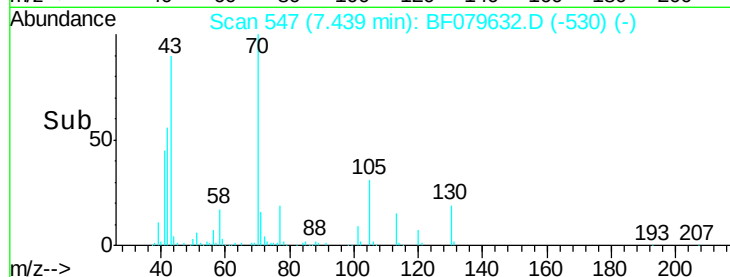
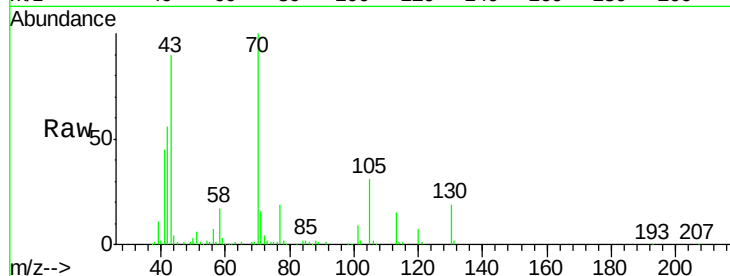
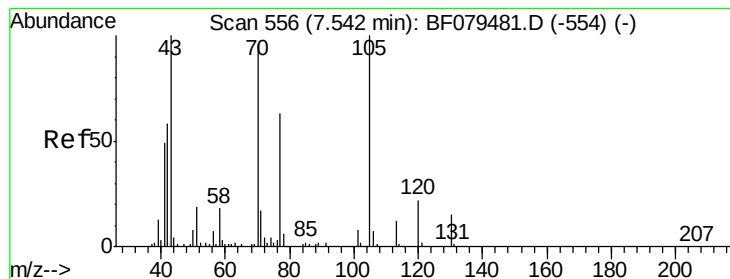


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.69 ng

RT: 7.44 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

Tgt Ion: 70 Resp: 118443

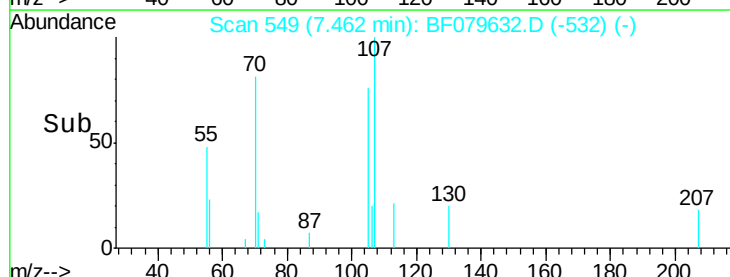
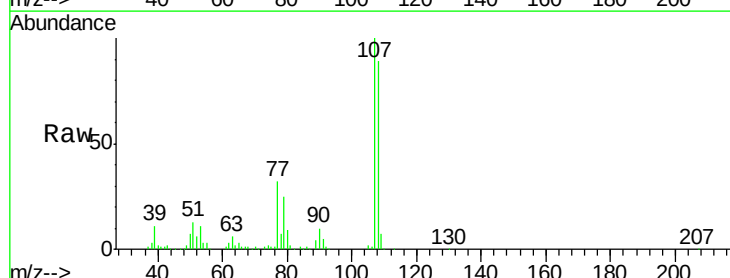
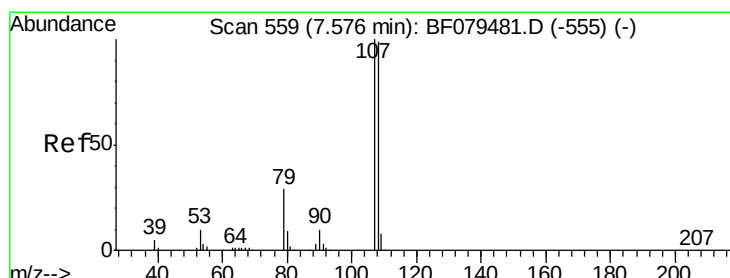
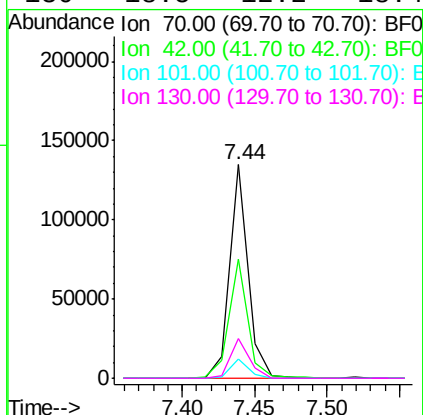
Ion Ratio Lower Upper

70 100

42 55.7 48.8 73.2

101 9.0 6.6 9.8

130 18.5 12.2 18.4#



#20

3+4-Methylphenols

Concen: 35.19 ng

RT: 7.46 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Tgt Ion: 107 Resp: 173387

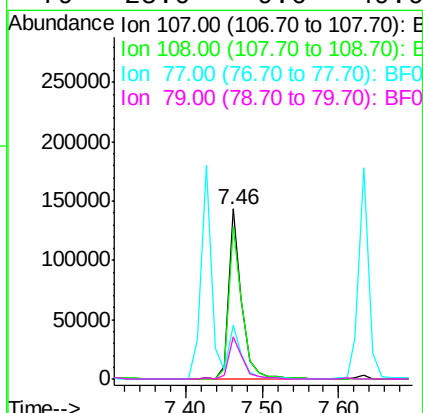
Ion Ratio Lower Upper

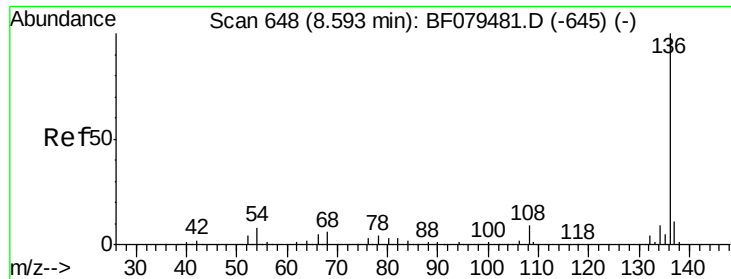
107 100

108 89.4 77.7 117.7

77 31.6 11.4 51.4

79 25.0 9.6 49.6

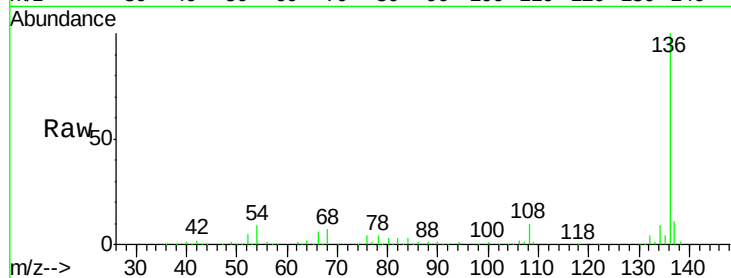




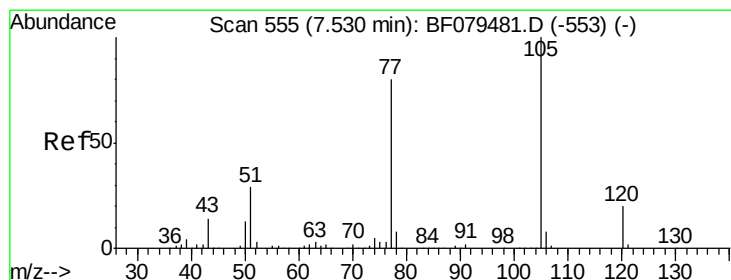
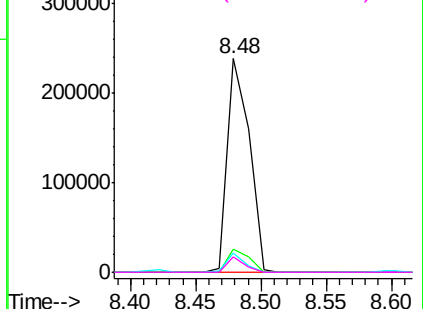
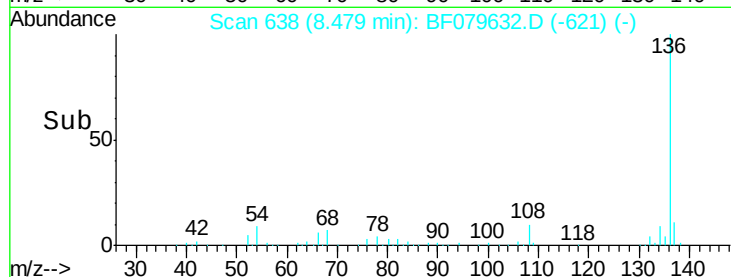
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tgt Ion:	136	Resp:	279809
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.1	6.6	9.8
68	7.0	4.7	7.1

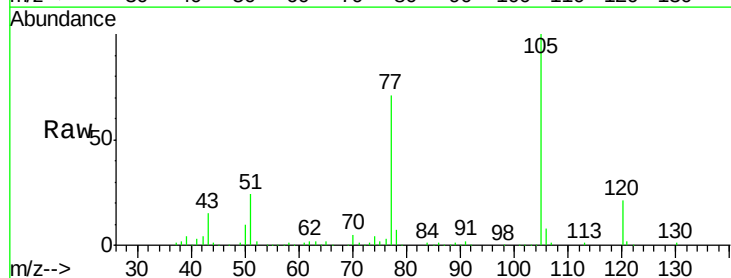


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

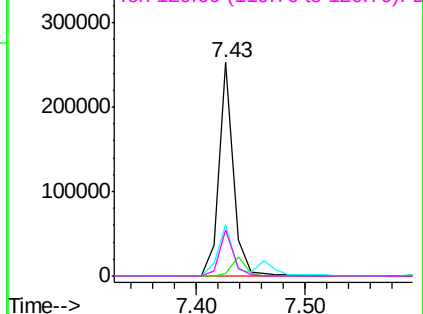
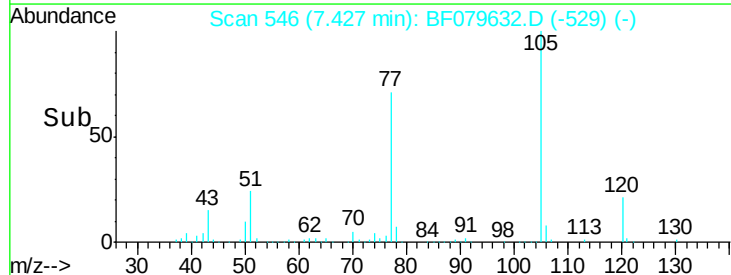


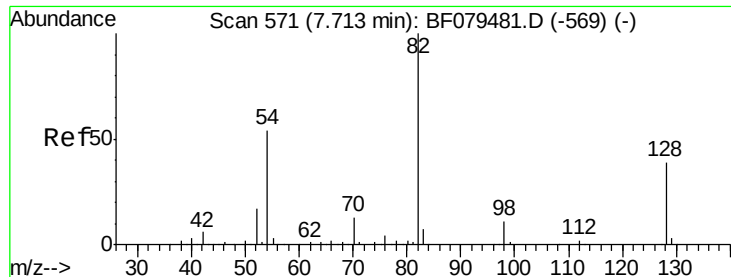
#22
Acetophenone
Concen: 37.38 ng
RT: 7.43 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Tgt Ion:	105	Resp:	234300
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.2	0.4#
51	24.1	23.7	35.5
120	21.4	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





#23

Nitrobenzene-d5

Concen: 67.58 ng

RT: 7.61 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

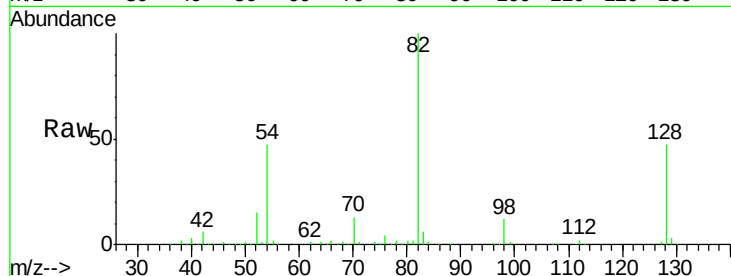
Tgt Ion: 82 Resp: 327126

Ion Ratio Lower Upper

82 100

128 47.5 30.8 46.2#

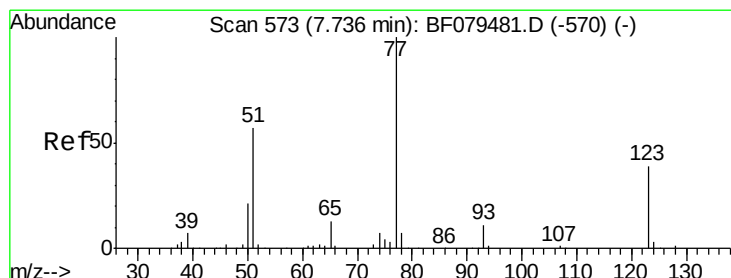
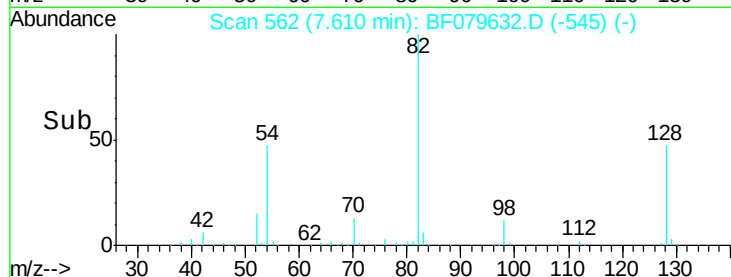
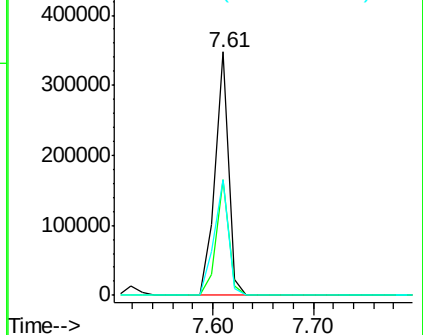
54 47.4 42.8 64.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.75 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

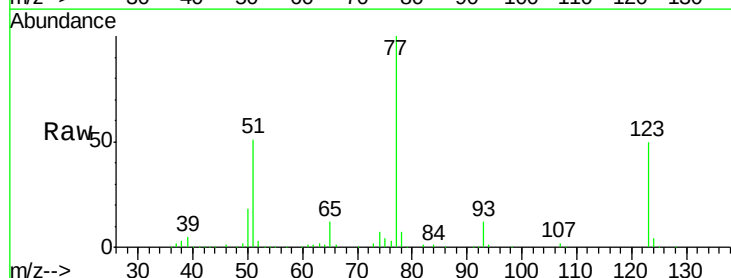
Tgt Ion: 77 Resp: 165797

Ion Ratio Lower Upper

77 100

123 50.4 31.0 46.4#

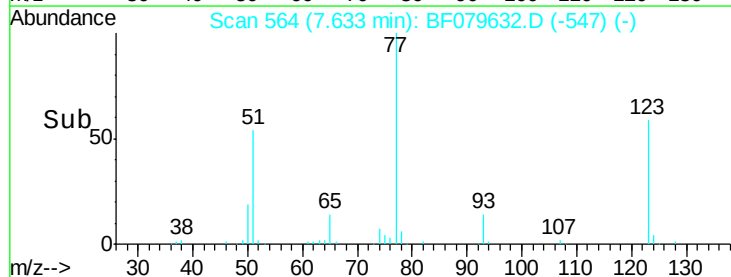
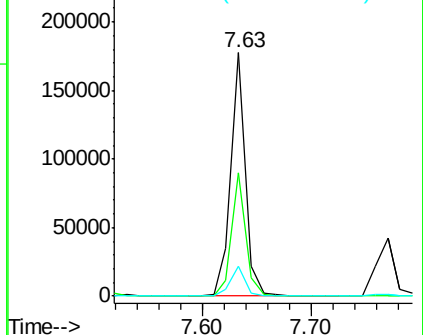
65 12.3 10.6 15.8

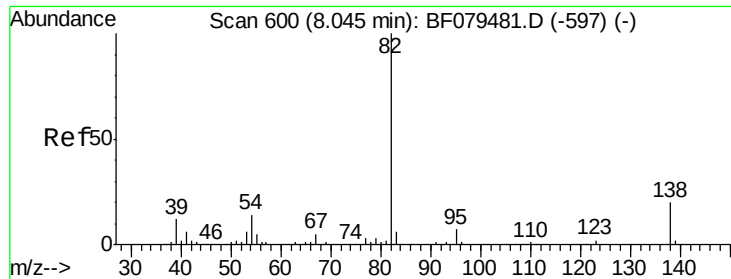


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.62 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

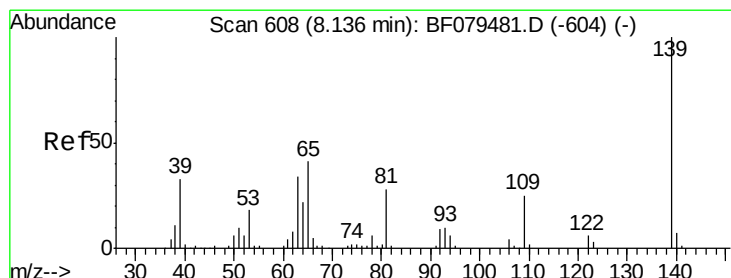
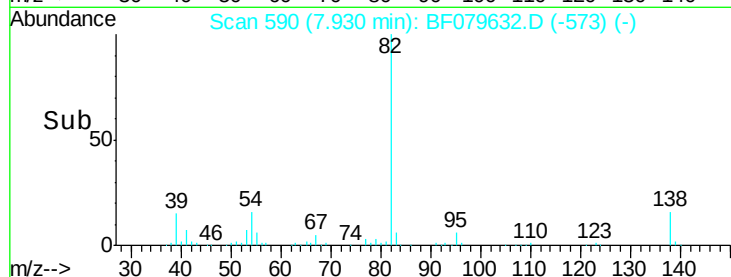
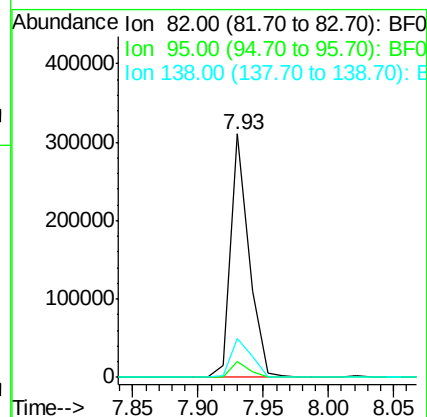
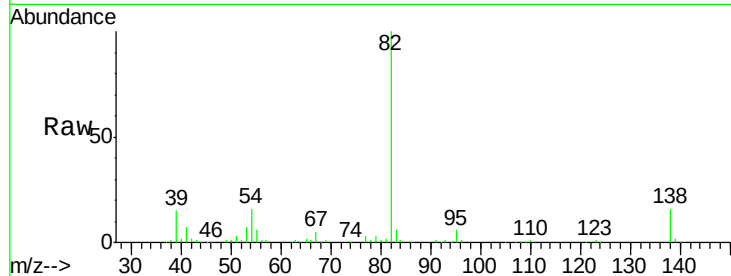
Tgt Ion: 82 Resp: 305470

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

138 15.8 16.1 24.1#



#26

2-Nitrophenol

Concen: 34.69 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

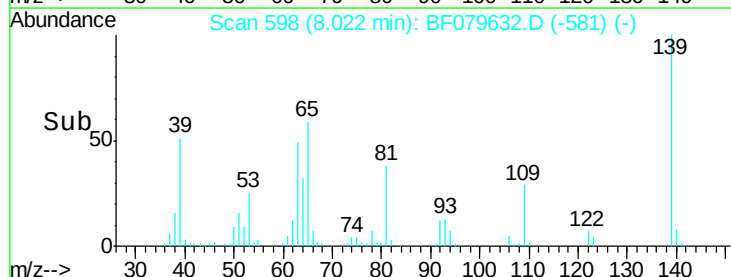
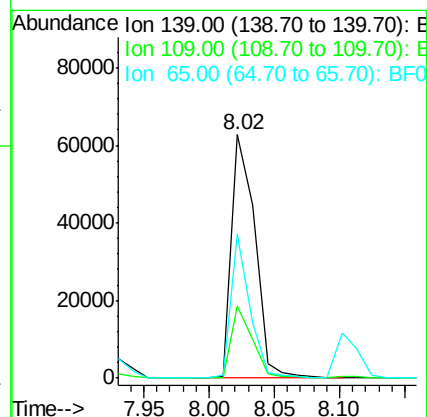
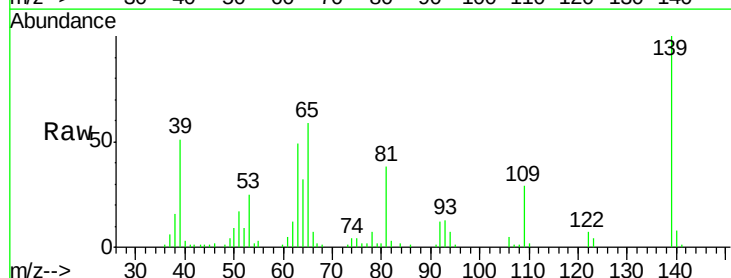
Tgt Ion: 139 Resp: 78362

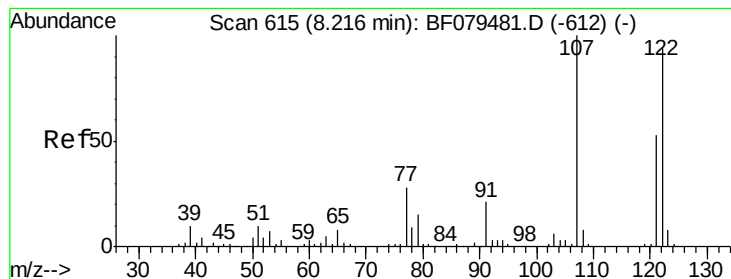
Ion Ratio Lower Upper

139 100

109 29.4 20.2 30.2

65 59.1 32.5 48.7#





#27

2,4-Dimethylphenol

Concen: 36.06 ng

RT: 8.11 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

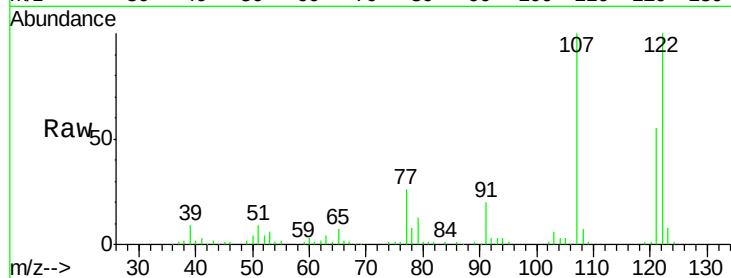
Tgt Ion:122 Resp: 146423

Ion Ratio Lower Upper

122 100

107 99.7 85.2 127.8

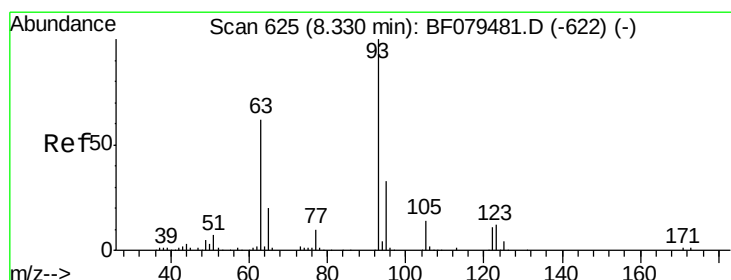
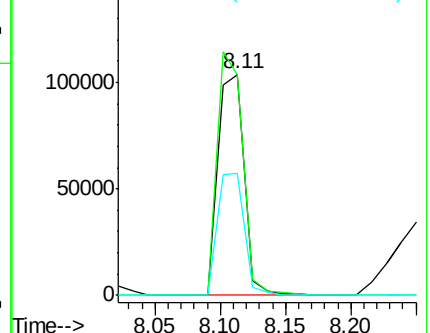
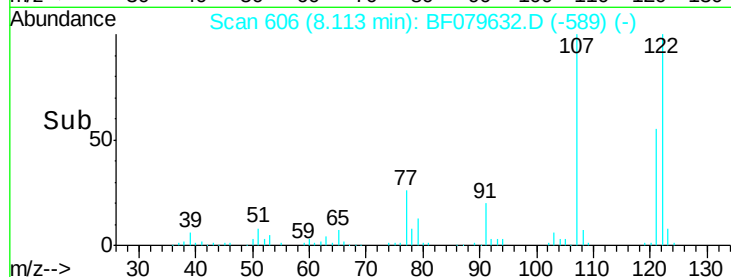
121 55.3 45.2 67.8



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: 34.45 ng

RT: 8.22 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

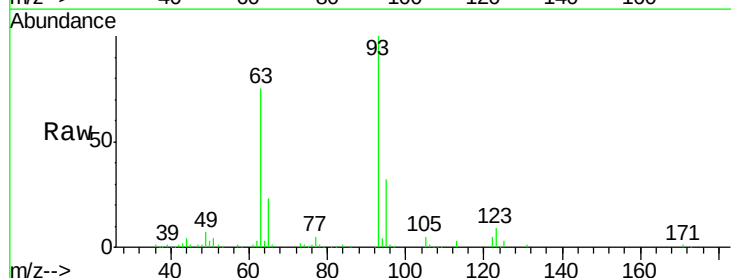
Tgt Ion: 93 Resp: 188373

Ion Ratio Lower Upper

93 100

95 32.3 26.6 39.8

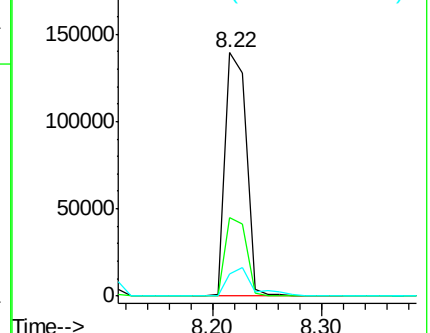
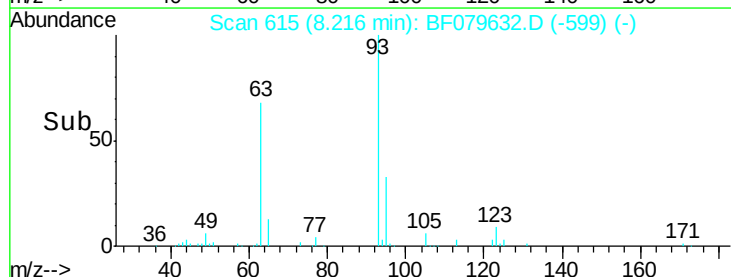
123 9.4 9.4 14.0

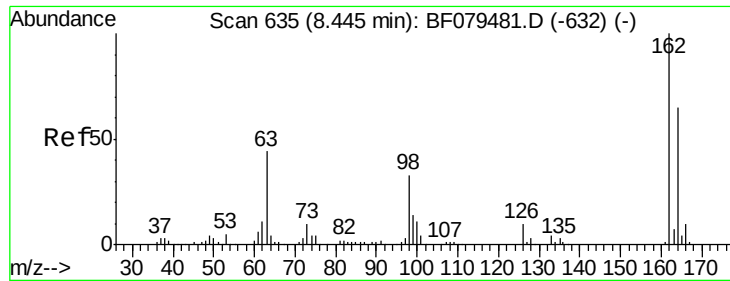


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

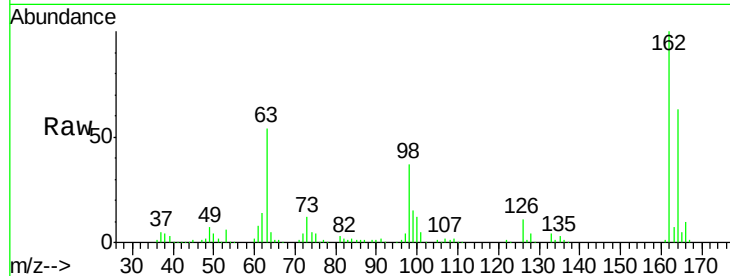




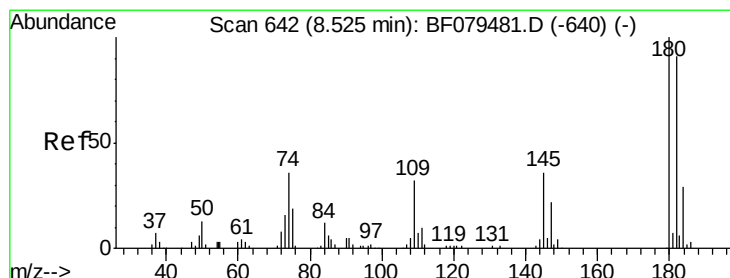
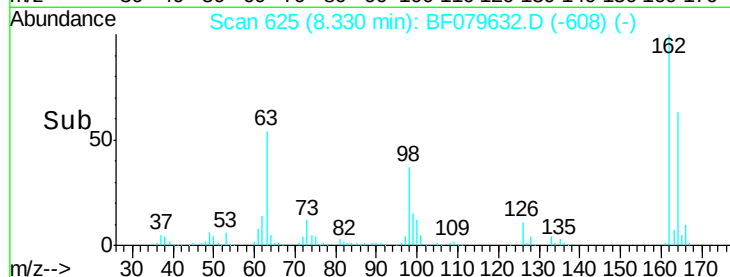
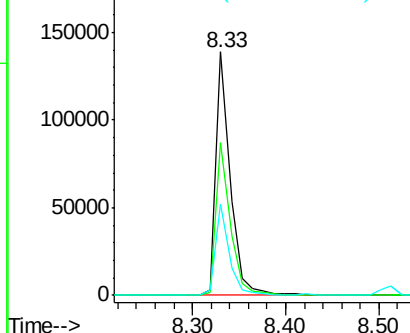
#29
 2,4-Dichlorophenol
 Concen: 39.54 ng
 RT: 8.33 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF079632.D
 Acq: 31 May 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB83635BS

Tgt Ion:162 Resp: 147070
 Ion Ratio Lower Upper
 162 100
 164 62.8 45.0 85.0
 98 37.3 13.2 53.2

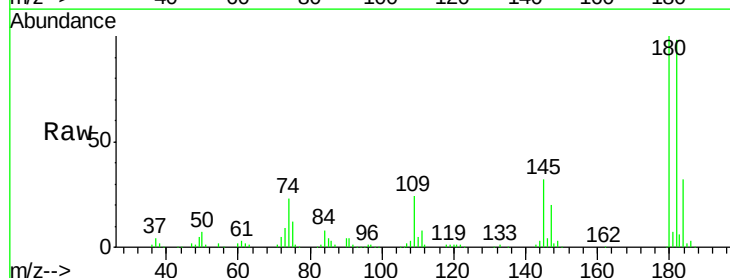


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

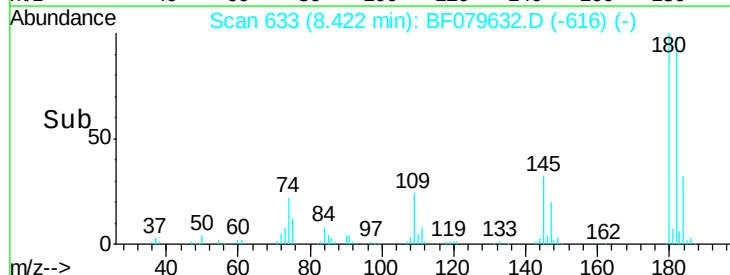
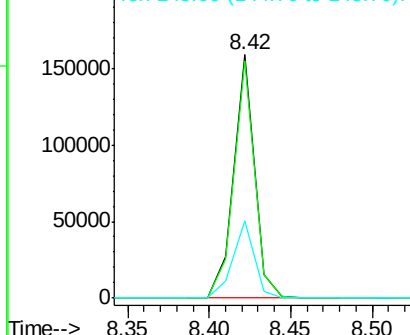


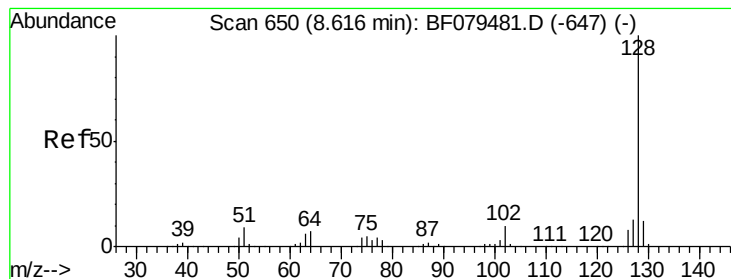
#30
 1,2,4-Trichlorobenzene
 Concen: 36.15 ng
 RT: 8.42 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF079632.D
 Acq: 31 May 2015 14:48

Tgt Ion:180 Resp: 139478
 Ion Ratio Lower Upper
 180 100
 182 97.6 73.2 109.8
 145 31.5 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: 34.67 ng

RT: 8.51 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

PB83635BS

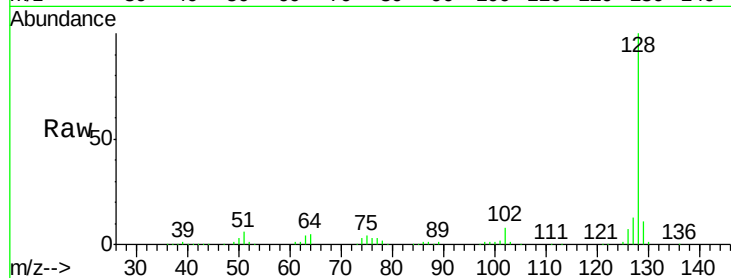
Tgt Ion:128 Resp: 465487

Ion Ratio Lower Upper

128 100

129 10.9 9.3 13.9

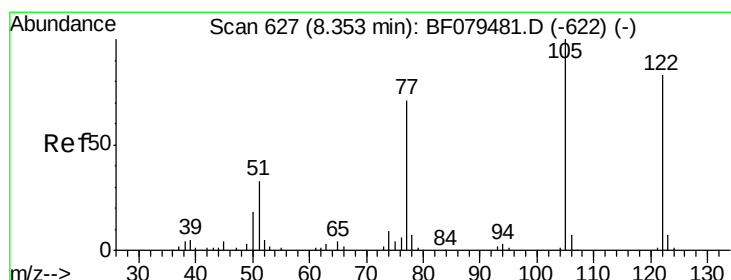
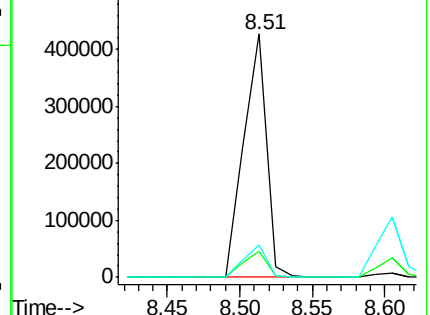
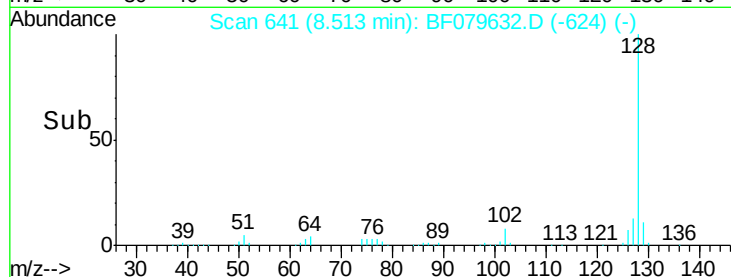
127 13.2 10.6 15.8



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: 38.64 ng

RT: 8.25 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF079632.D

Acq: 31 May 2015 14:48

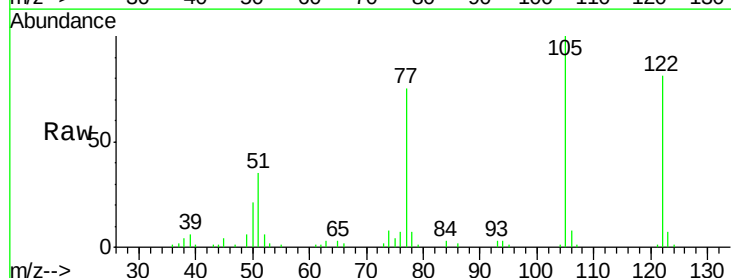
Tgt Ion:122 Resp: 97355

Ion Ratio Lower Upper

122 100

105 122.8 100.2 140.2

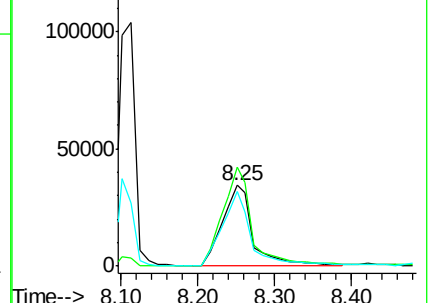
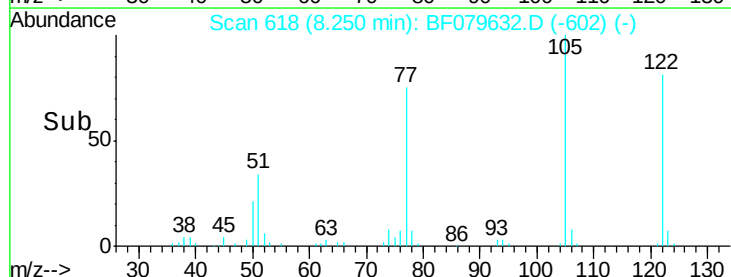
77 92.5 64.8 104.8

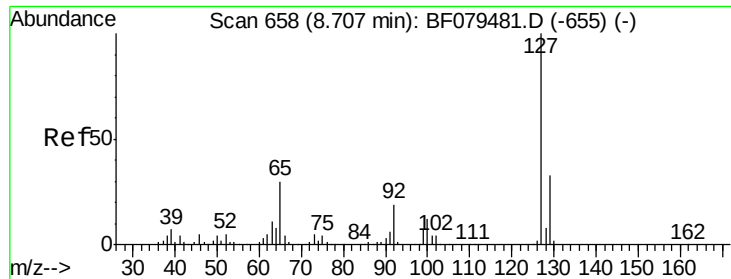


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

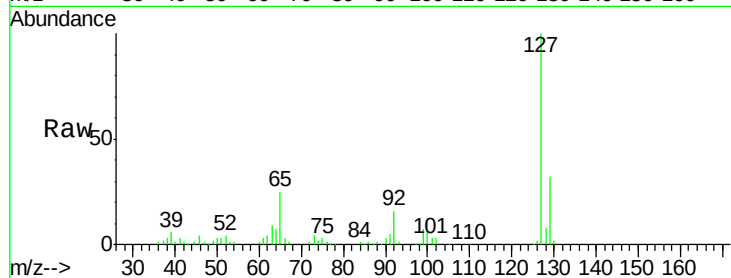




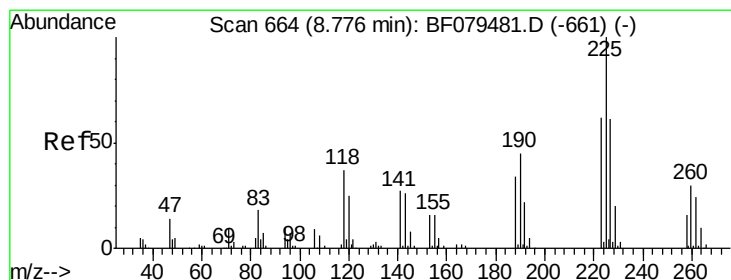
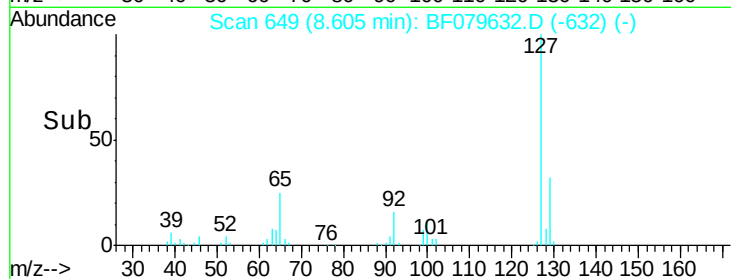
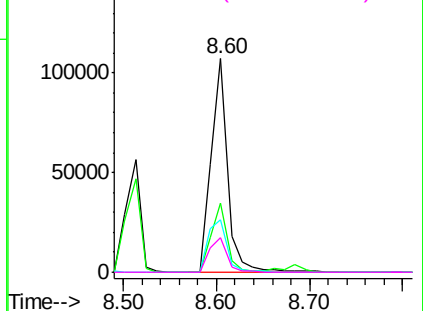
#33
4-Chloroaniline
Concen: 23.39 ng
RT: 8.60 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
PB83635BS

Tgt Ion:	127	Resp:	131218
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	24.8	24.2	36.4
92	16.3	15.4	23.0

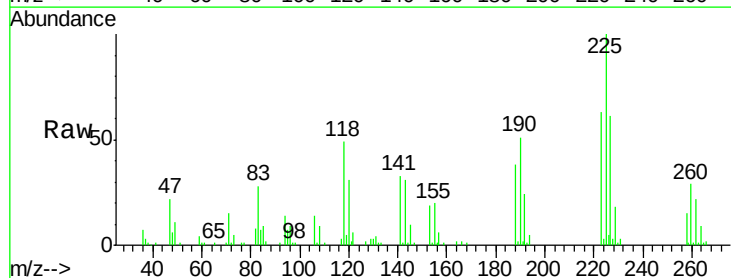


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 35.11 ng
RT: 8.66 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF079632.D
Acq: 31 May 2015 14:48

Tgt Ion:	225	Resp:	77052
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.9	74.9
227	60.8	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

