

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080629.D
 Acq On : 24 Jul 2015 16:55
 Operator : TP/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Jul 24 22:51:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 22:49:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50541	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	187349	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	108556	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	210415	20.00	ng	0.00
75) Chrysene-d12	14.26	240	188369	20.00	ng	0.10
86) Perylene-d12	15.93	264	161886	20.00	ng	0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	63403	21.73	ng	0.00
7) Phenol-d6	6.53	99	71313	20.12	ng	-0.01
23) Nitrobenzene-d5	7.49	82	72238	21.64	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	19556	22.22	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	138366	18.82	ng	0.00
78) Terphenyl-d14	13.08	244	188073	21.14	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	15921	11.82	ng	87
3) Pyridine	3.28	79	31717	8.82	ng	89
4) n-Nitrosodimethylamine	3.15	42	21153	9.38	ng	# 98
6) Aniline	6.58	93	53704	10.52	ng	98
8) 2-Chlorophenol	6.70	128	36250	11.61	ng	96
9) Benzaldehyde	6.48	77	27200	10.64	ng	95
10) Phenol	6.56	94	43581	10.26	ng	92
11) bis(2-Chloroethyl)ether	6.66	93	33602	11.18	ng	97
12) 1,3-Dichlorobenzene	6.86	146	36457	9.35	ng	96
13) 1,4-Dichlorobenzene	6.94	146	40840	10.63	ng	100
14) 1,2-Dichlorobenzene	7.10	146	38077	10.64	ng	97
15) Benzyl Alcohol	7.06	79	31856	10.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	55774	9.52	ng	95
17) 2-Methylphenol	7.17	107	29155	11.81	ng	96
18) Hexachloroethane	7.45	117	14765	10.92	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	30991	12.95	ng	# 92
20) 3+4-Methylphenols	7.32	107	34864	10.25	ng	# 48
22) Acetophenone	7.33	105	55250	12.20	ng	# 90
24) Nitrobenzene	7.50	77	40269	11.57	ng	99
25) Isophorone	7.74	82	70154	11.54	ng	100
26) 2-Nitrophenol	7.82	139	12548	9.88	ng	# 43
27) 2,4-Dimethylphenol	7.86	122	29056	10.60	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	43957	12.87	ng	95
29) 2,4-Dichlorophenol	8.06	162	27506	11.84	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	32013	10.81	ng	95
31) Naphthalene	8.24	128	101982	10.97	ng	100
32) Benzoic acid	7.90	122	9881	8.02	ng	98
33) 4-Chloroaniline	8.28	127	47832	12.96	ng	96
34) Hexachlorobutadiene	8.36	225	22430	12.64	ng	100
35) Caprolactam	8.60	113	7895	12.70	ng	# 51
36) 4-Chloro-3-methylphenol	8.75	107	30881	11.59	ng	99
37) 2-Methylnaphthalene	8.93	142	69012	12.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	32772	9.17	ng	99
40) Hexachlorocyclopentadiene	9.09	237	17780	9.29	ng	96

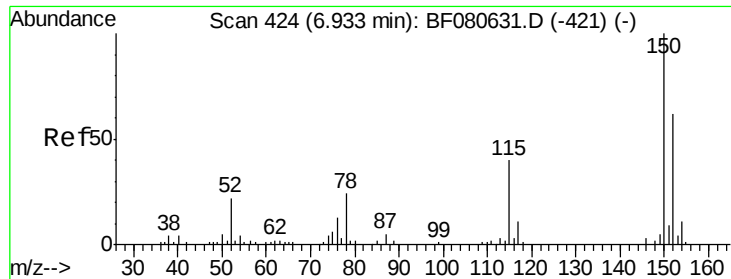
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080629.D
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 Operator : TP/UM
 Sample : SSTDICC010
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	20082	9.67	ng	89
43) 2,4,5-Trichlorophenol	9.21	196	20082	9.58	ng	# 87
45) 1,1'-Biphenyl	9.39	154	80799	9.37	ng	99
46) 2-Chloronaphthalene	9.41	162	66403	9.49	ng	97
47) 2-Nitroaniline	9.50	65	21327	9.96	ng	97
48) Acenaphthylene	9.84	152	113442	10.70	ng	99
49) Dimethylphthalate	9.69	163	88791	11.29	ng	98
50) 2,6-Dinitrotoluene	9.74	165	13292	9.12	ng	97
51) Acenaphthene	10.01	154	65650	10.30	ng	96
52) 3-Nitroaniline	9.92	138	17472	10.61	ng	90
53) 2,4-Dinitrophenol	10.02	184	3773	8.65	ng	95
54) Dibenzofuran	10.18	168	97259	10.63	ng	95
55) 4-Nitrophenol	10.06	139	10988	9.22	ng	91
56) 2,4-Dinitrotoluene	10.14	165	18195	9.93	ng	99
57) Fluorene	10.52	166	79241	10.84	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	16343	10.06	ng	91
59) Diethylphthalate	10.40	149	78648	10.41	ng	99
60) 4-Chlorophenyl-phenylether	10.52	204	33341	10.12	ng	97
61) 4-Nitroaniline	10.52	138	17343	10.55	ng	88
62) Azobenzene	10.67	77	81810	10.64	ng	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	6922	9.24	ng	98
65) n-Nitrosodiphenylamine	10.62	169	66176	9.75	ng	98
66) 4-Bromophenyl-phenylether	11.00	248	19148	9.02	ng	# 87
67) Hexachlorobenzene	11.07	284	24608	10.16	ng	95
68) Atrazine	11.15	200	19936	10.75	ng	97
69) Pentachlorophenol	11.27	266	10469	9.20	ng	96
70) Phenanthrene	11.48	178	124360	10.59	ng	98
71) Anthracene	11.54	178	111191	10.01	ng	97
72) Carbazole	11.69	167	105778	10.94	ng	99
73) Di-n-butylphthalate	12.03	149	131871	11.74	ng	98
74) Fluoranthene	12.69	202	113607	10.76	ng	91
76) Benzidine	12.82	184	71831	12.61	ng	98
77) Pyrene	12.92	202	117155	9.42	ng	100
79) Butylbenzylphthalate	13.61	149	50915	11.81	ng	99
80) Benzo(a)anthracene	14.25	228	113786	10.73	ng	97
81) 3,3'-Dichlorobenzidine	14.20	252	37717	12.26	ng	94
82) Chrysene	14.28	228	111235	10.60	ng	98
83) Bis(2-ethylhexyl)phthalate	14.26	149	80952	12.62	ng	# 98
84) Di-n-octyl phthalate	15.01	149	125291	14.71	ng	95
85) Indeno(1,2,3-cd)pyrene	17.43	276	103314	12.08	ng	99
87) Benzo(b)fluoranthene	15.48	252	97747	10.10	ng	98
88) Benzo(k)fluoranthene	15.48	252	97747	10.19	ng	99
89) Benzo(a)pyrene	15.86	252	90664	10.52	ng	97
90) Dibenzo(a,h)anthracene	17.45	278	83094	9.95	ng	97
91) Benzo(g,h,i)perylene	17.87	276	83397	9.85	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

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SSTDIC010

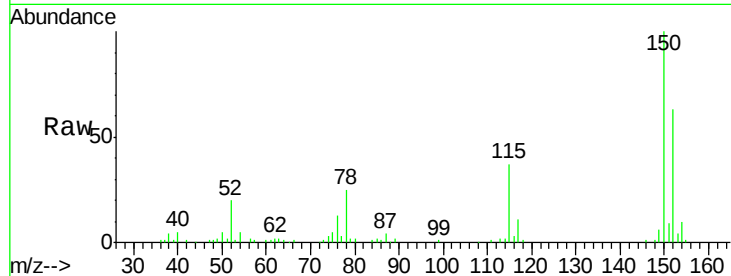
Tgt Ion:152 Resp: 50541

Ion Ratio Lower Upper

152 100

150 157.7 128.9 193.3

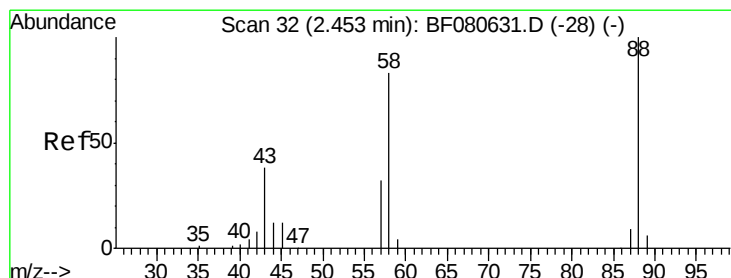
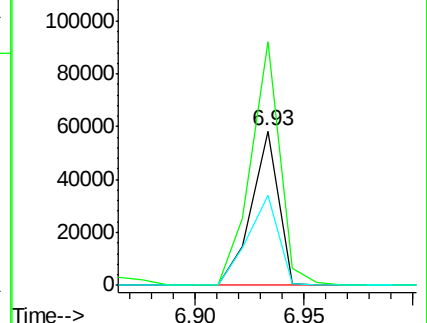
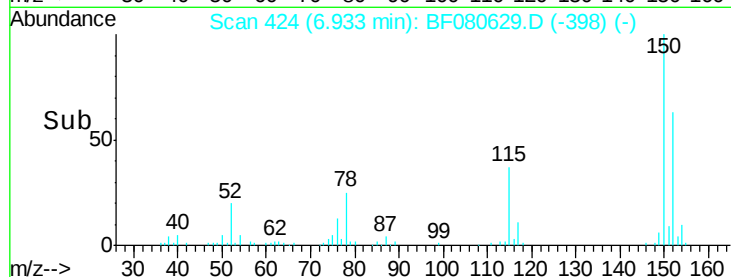
115 58.2 51.0 76.6



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: 11.82 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

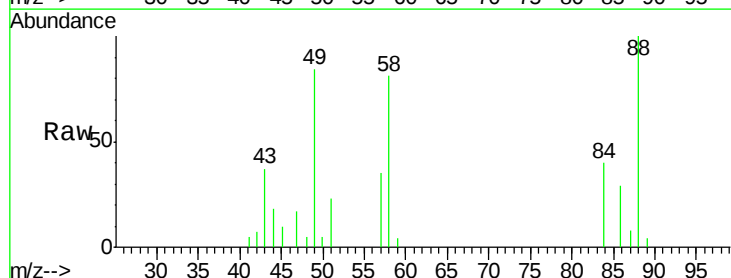
Tgt Ion: 88 Resp: 15921

Ion Ratio Lower Upper

88 100

58 71.8 67.7 101.5

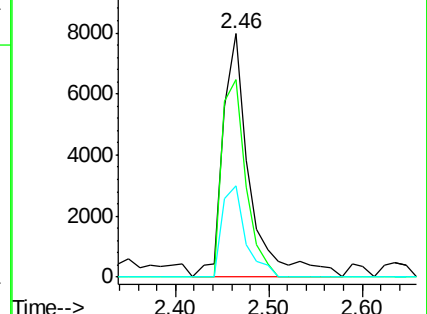
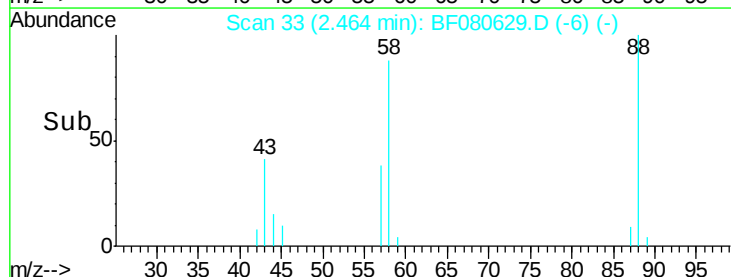
43 32.4 30.9 46.3

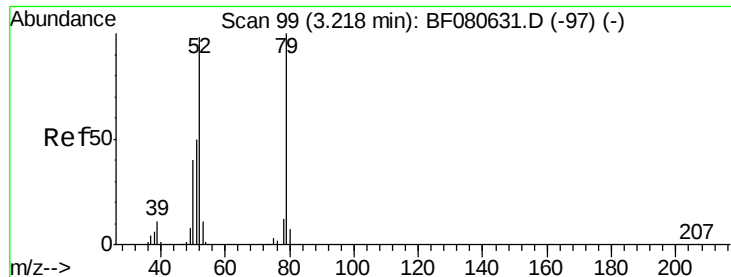


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 8.82 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

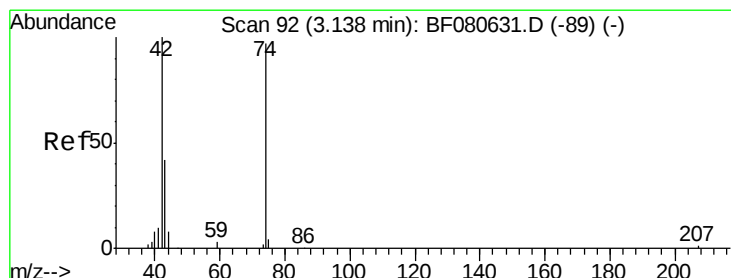
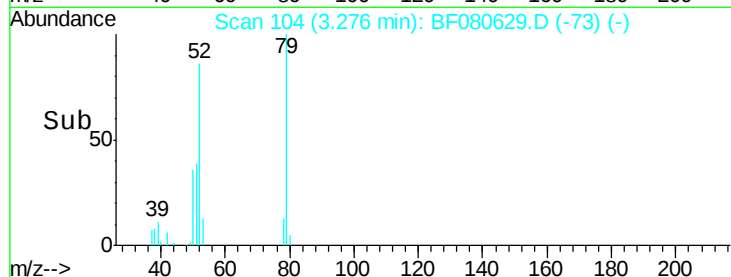
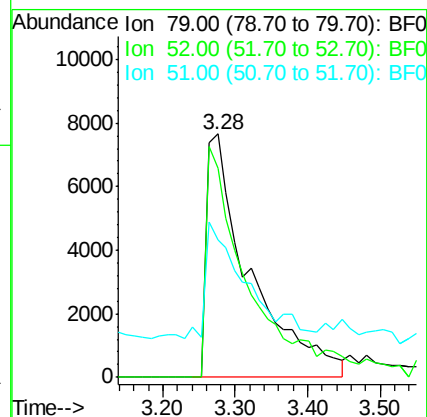
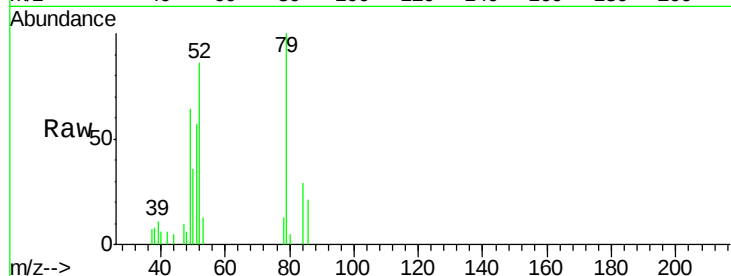
Tgt Ion: 79 Resp: 31717

Ion Ratio Lower Upper

79 100

52 86.1 78.8 118.2

51 56.6 41.4 62.2



#4

n-Nitrosodimethylamine

Concen: 9.38 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

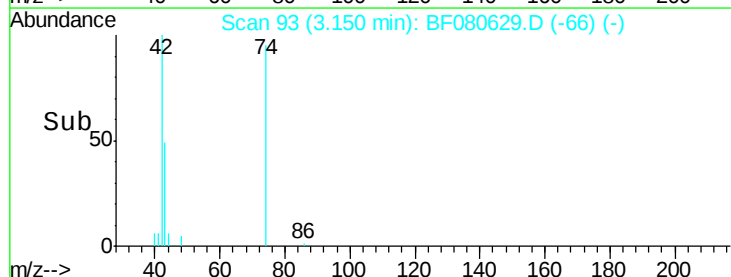
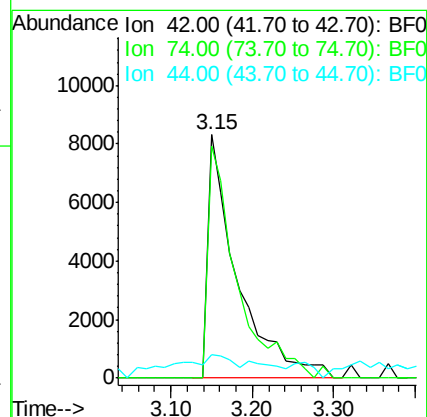
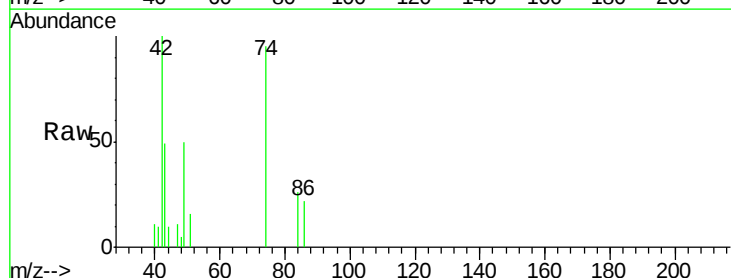
Tgt Ion: 42 Resp: 21153

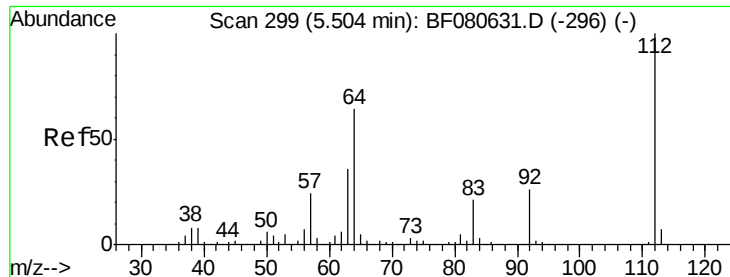
Ion Ratio Lower Upper

42 100

74 95.4 77.8 116.6

44 9.6 6.2 9.4#

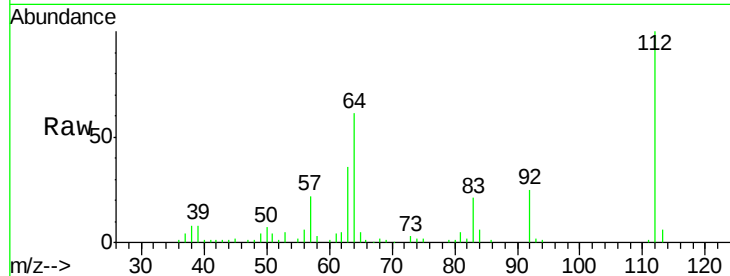




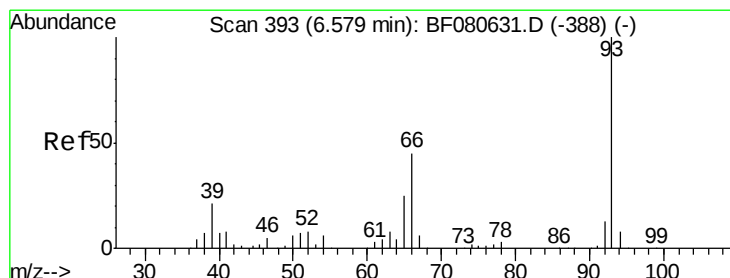
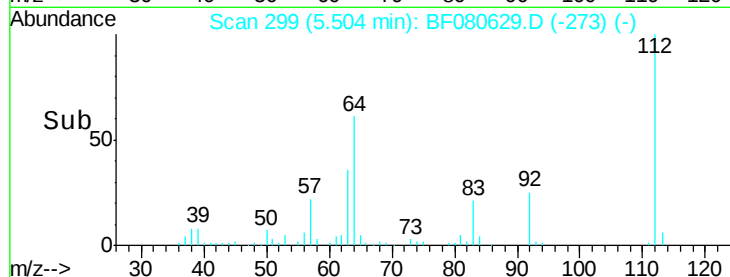
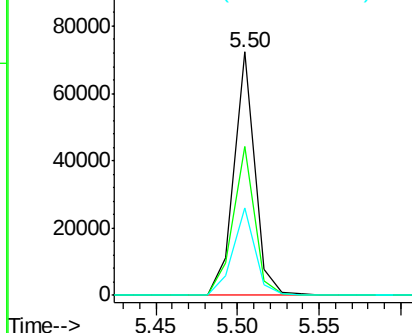
#5
 2-Fluorophenol
 Concen: 21.73 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion: 112 Resp: 63403
 Ion Ratio Lower Upper
 112 100
 64 61.3 51.2 76.8
 63 35.8 29.0 43.6

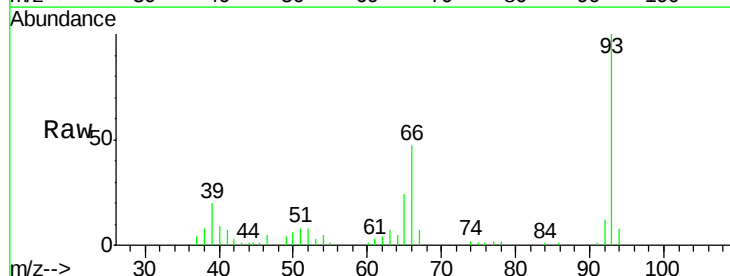


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

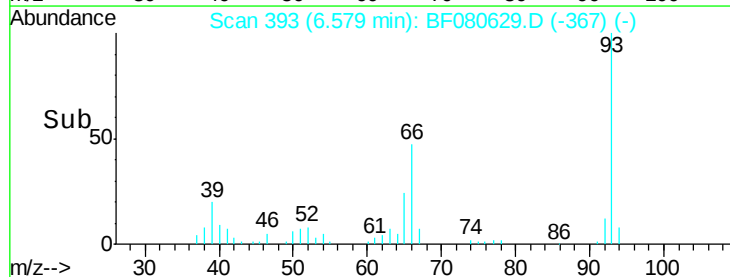
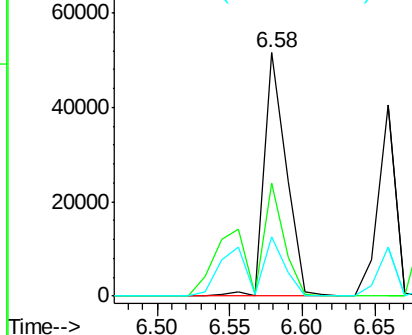


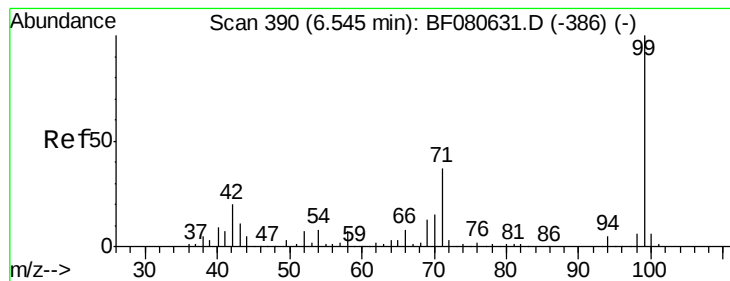
#6
 Aniline
 Concen: 10.52 ng
 RT: 6.58 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Tgt Ion: 93 Resp: 53704
 Ion Ratio Lower Upper
 93 100
 66 46.5 36.3 54.5
 65 24.1 19.9 29.9



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: 20.12 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

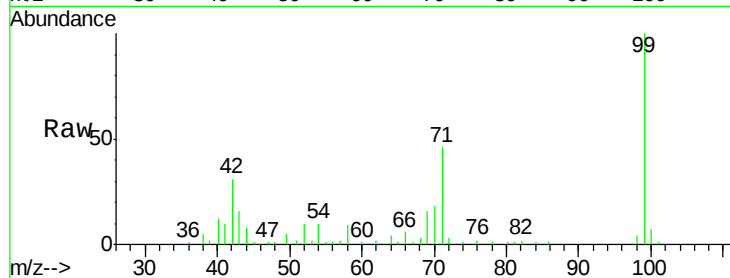
Tgt Ion: 99 Resp: 71313

Ion Ratio Lower Upper

99 100

42 30.7 16.3 24.5#

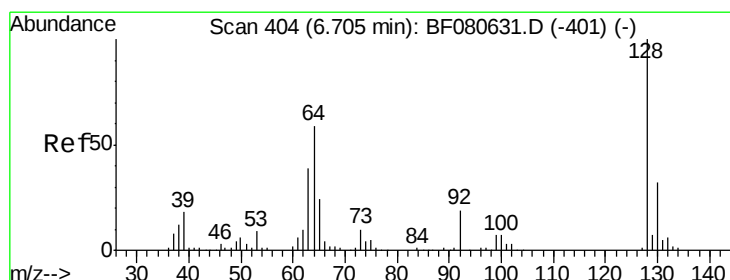
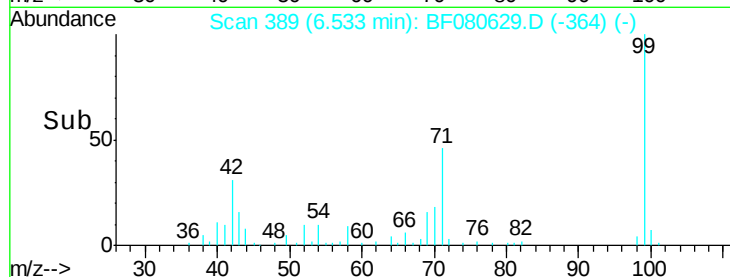
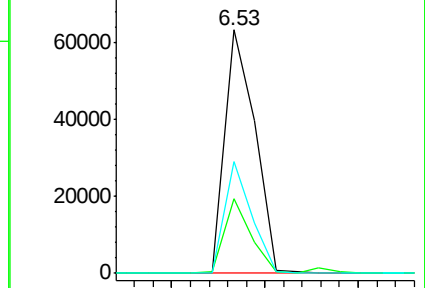
71 46.1 29.7 44.5#



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: 11.61 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

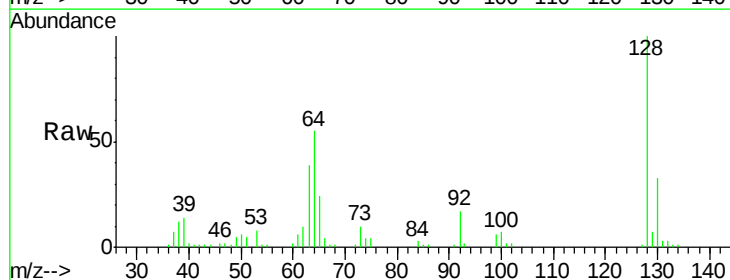
Tgt Ion: 128 Resp: 36250

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

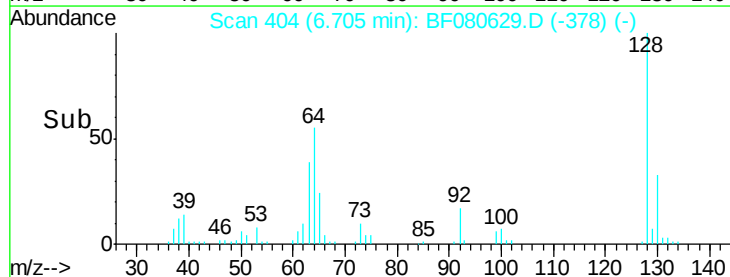
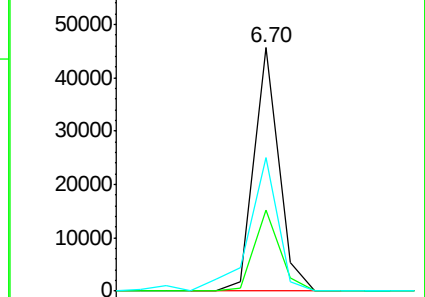
64 54.7 38.9 78.9

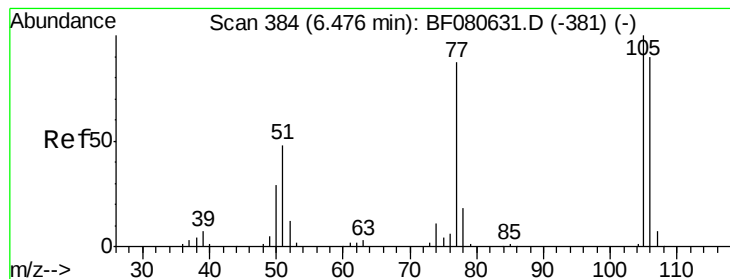


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.64 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

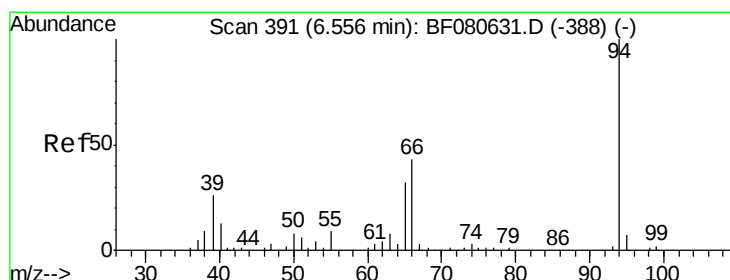
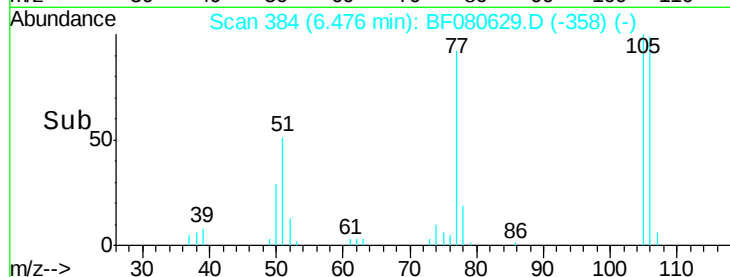
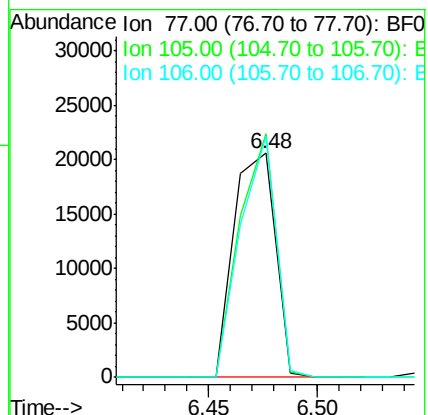
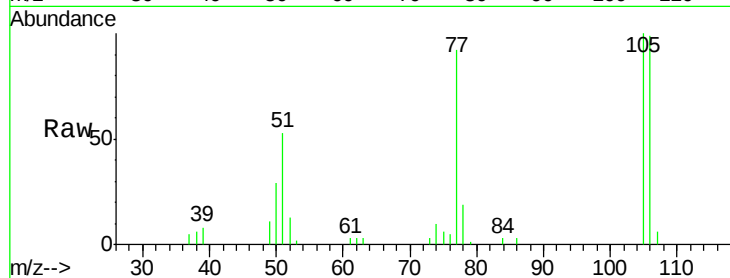
Tgt Ion: 77 Resp: 27200

Ion Ratio Lower Upper

77 100

105 108.6 94.7 134.7

106 107.6 83.4 123.4



#10

Phenol

Concen: 10.26 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

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Acq: 24 Jul 2015 16:55

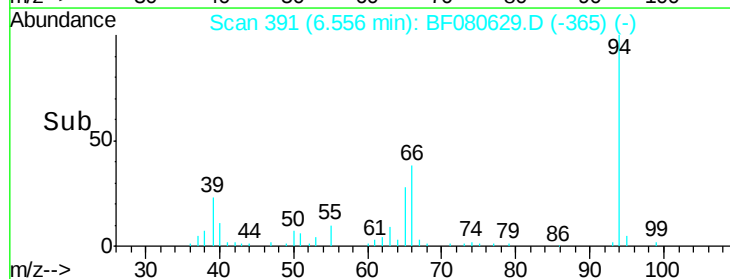
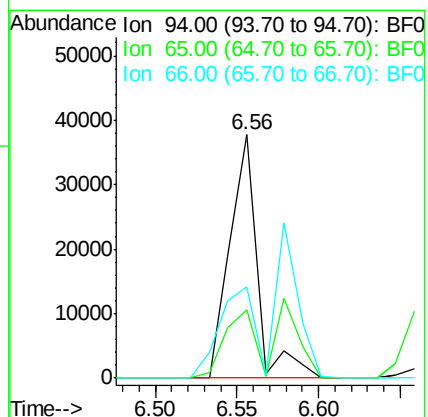
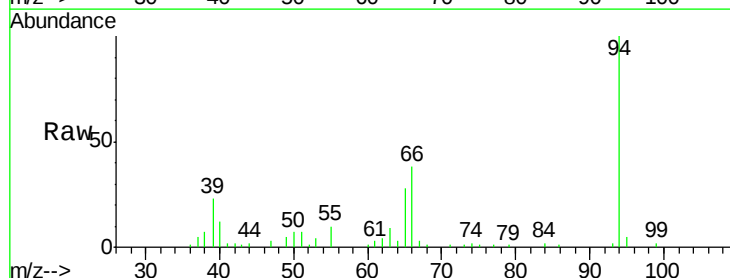
Tgt Ion: 94 Resp: 43581

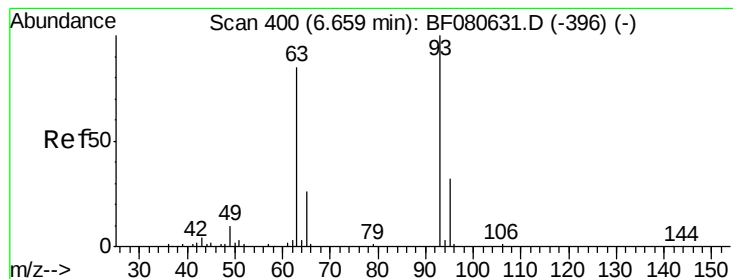
Ion Ratio Lower Upper

94 100

65 27.8 12.5 52.5

66 37.7 22.8 62.8





#11

bis(2-Chloroethyl)ether

Concen: 11.18 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

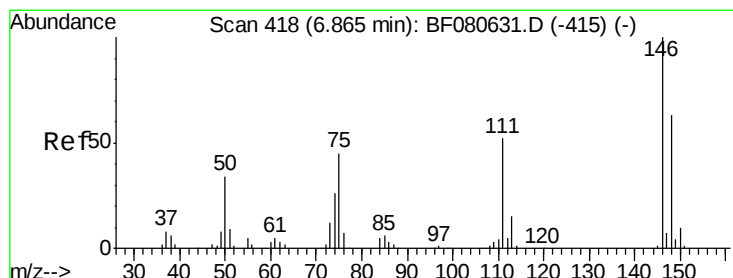
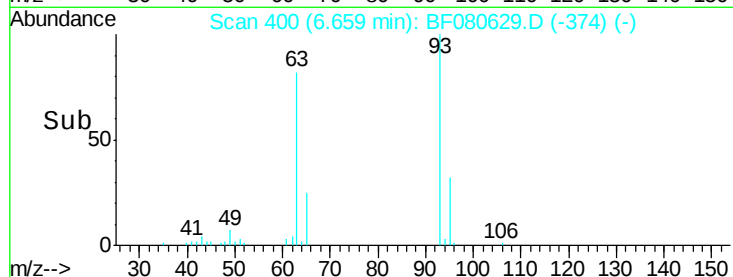
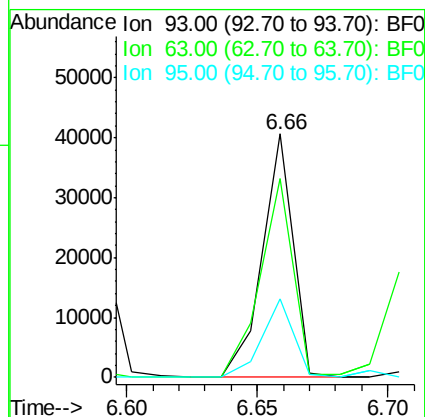
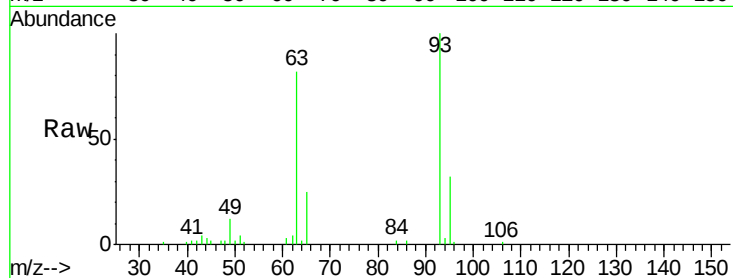
Tgt Ion: 93 Resp: 33602

Ion Ratio Lower Upper

93 100

63 81.6 65.1 105.1

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 9.35 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

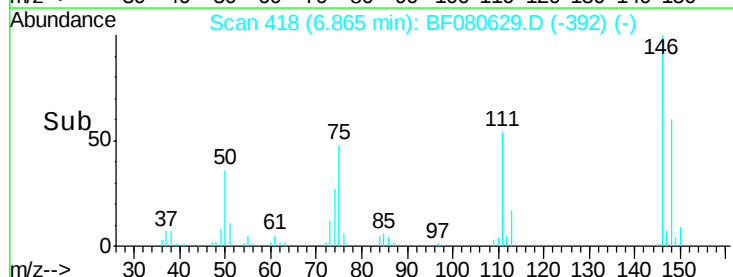
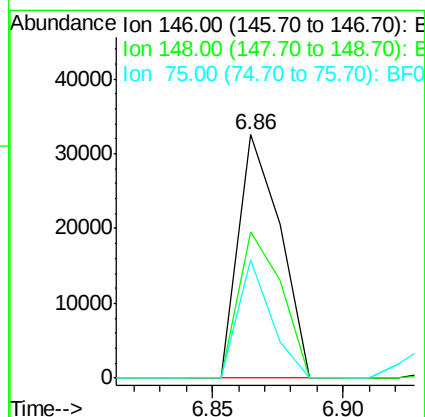
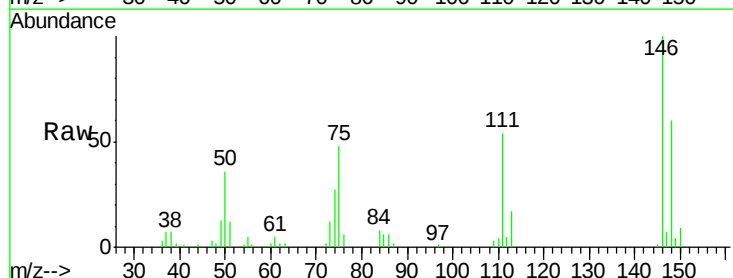
Tgt Ion: 146 Resp: 36457

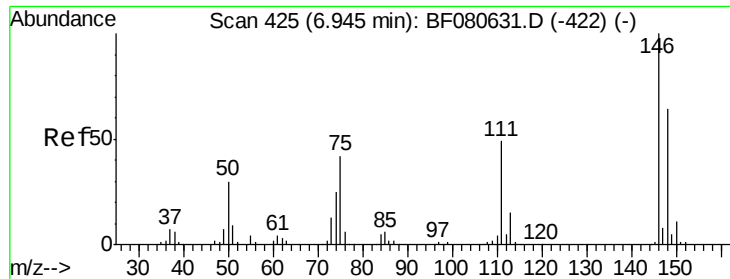
Ion Ratio Lower Upper

146 100

148 60.2 50.2 75.2

75 48.3 36.3 54.5

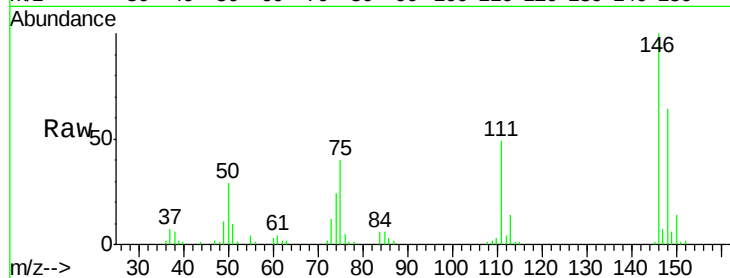




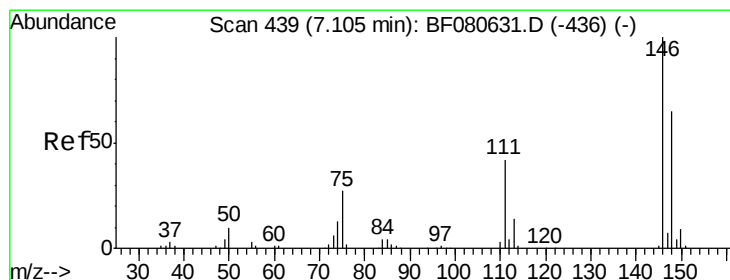
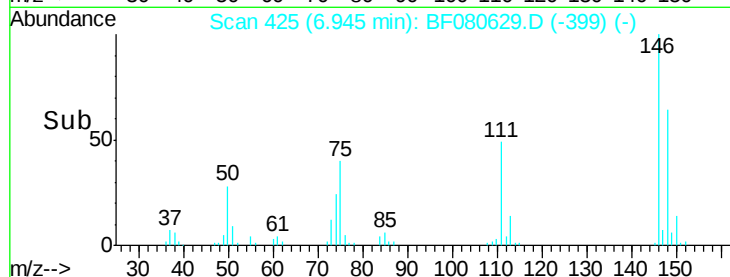
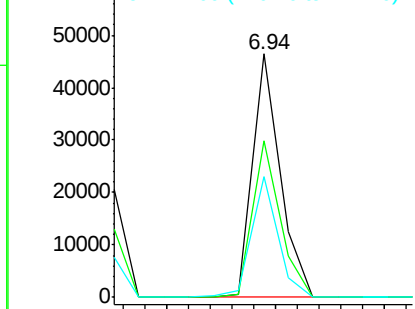
#13
 1,4-Dichlorobenzene
 Concen: 10.63 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:146 Resp: 40840
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 49.5 39.5 59.3

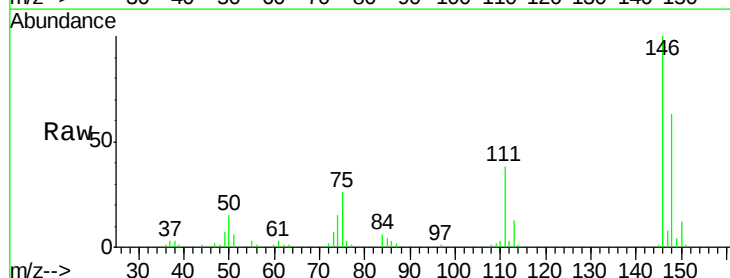


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

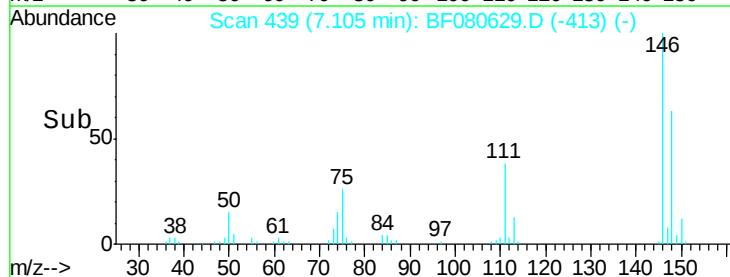
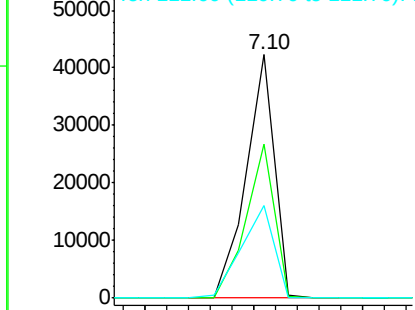


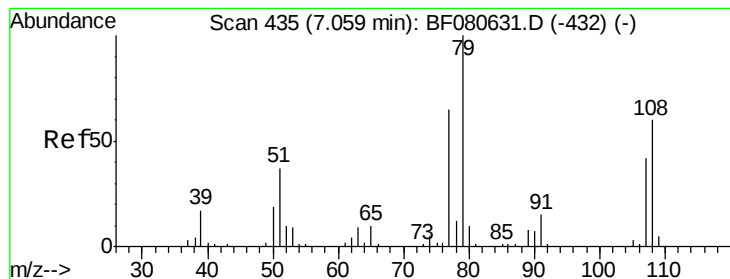
#14
 1,2-Dichlorobenzene
 Concen: 10.64 ng
 RT: 7.10 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Tgt Ion:146 Resp: 38077
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.6 77.4
 111 37.8 33.4 50.0



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: 10.32 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

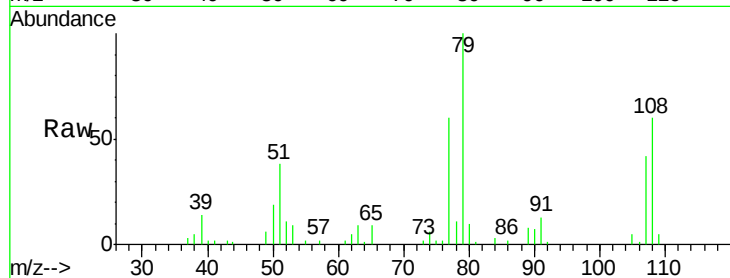
Tgt Ion: 79 Resp: 31856

Ion Ratio Lower Upper

79 100

108 60.0 47.8 71.8

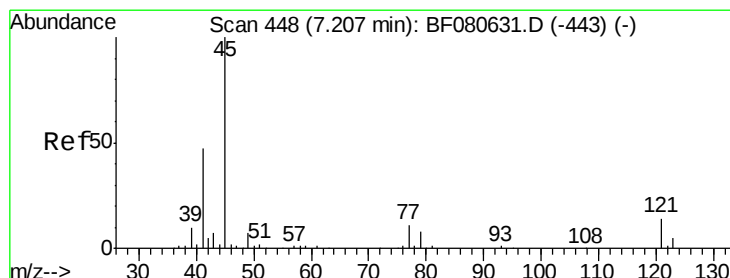
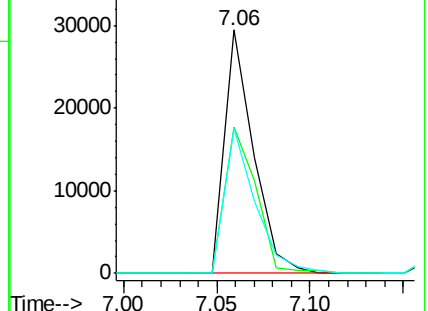
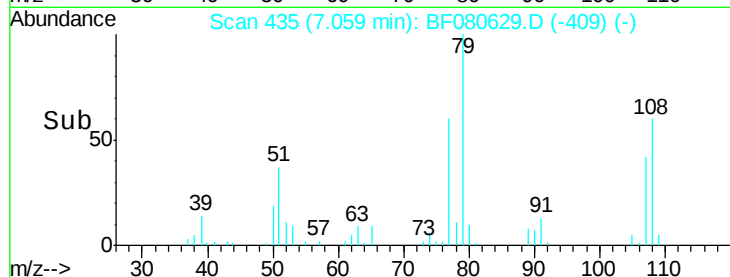
77 59.6 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.52 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

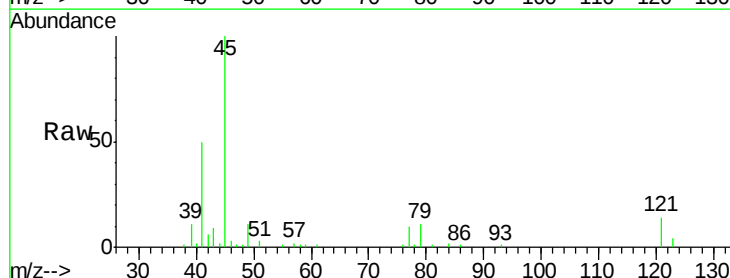
Tgt Ion: 45 Resp: 55774

Ion Ratio Lower Upper

45 100

77 9.8 0.0 31.0

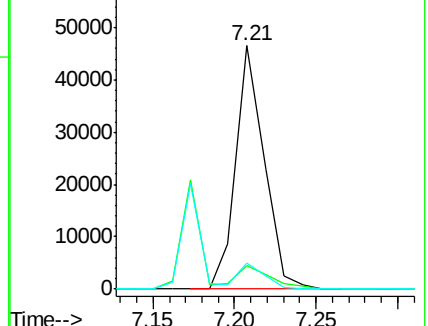
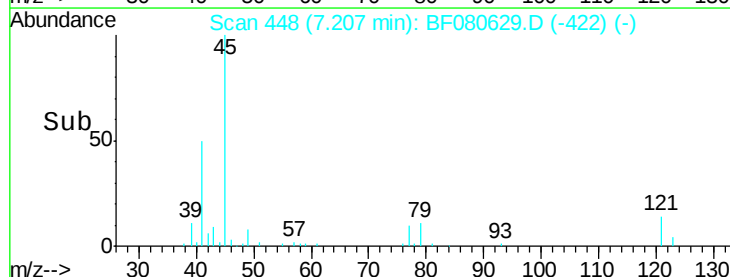
79 10.7 0.0 27.8

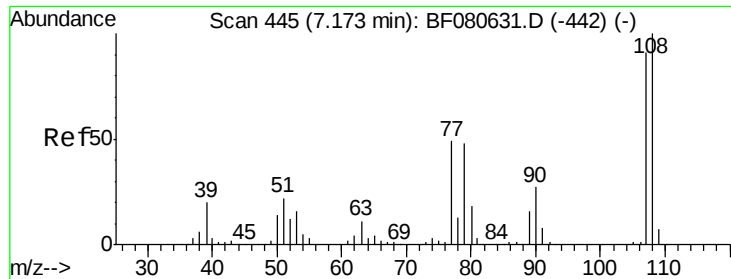


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

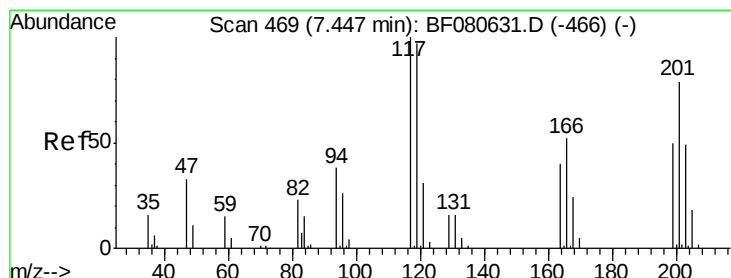
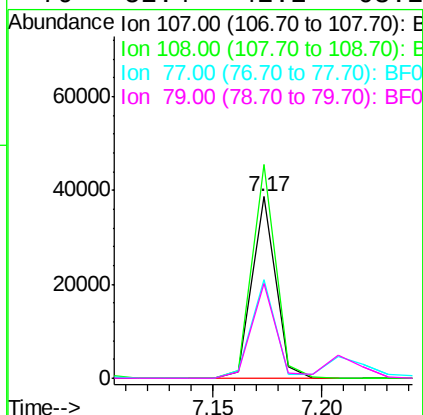
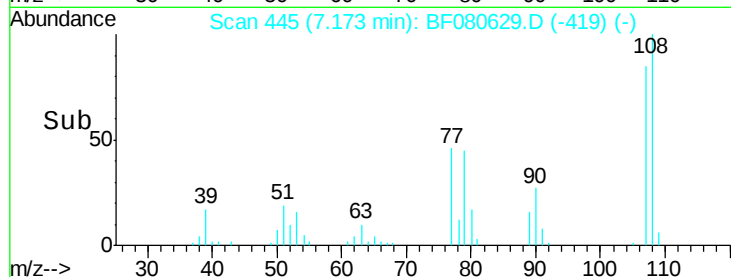
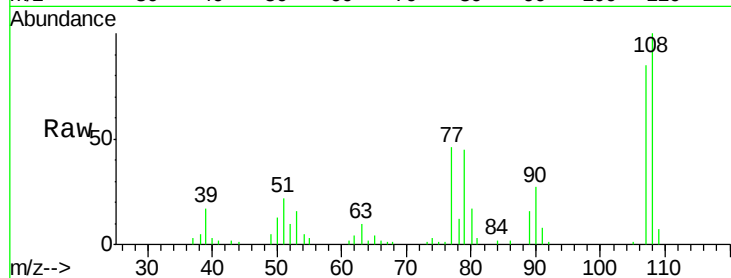




#17
2-Methylphenol
Concen: 11.81 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

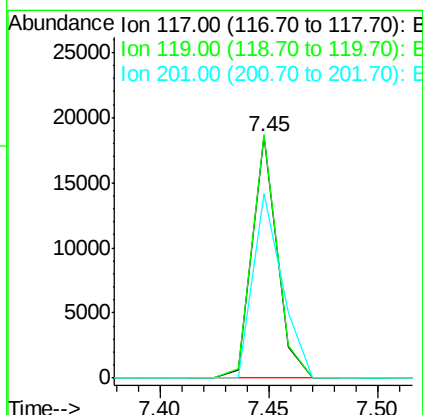
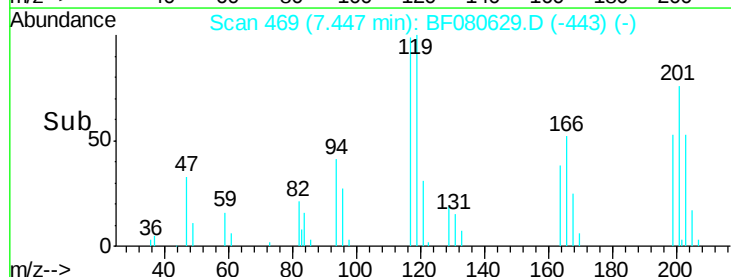
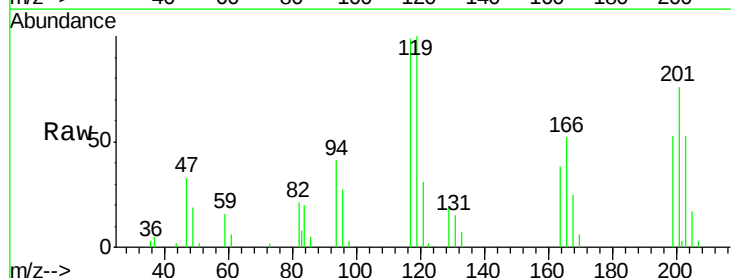
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

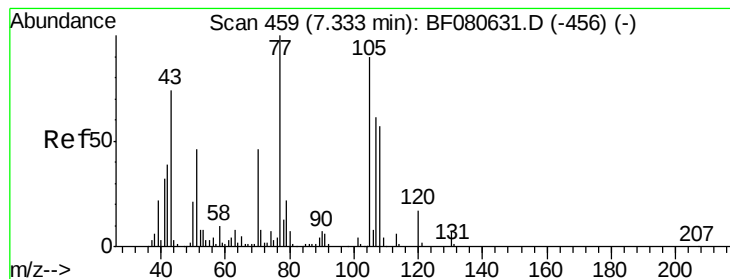
Tgt Ion:	107	Resp:	29155
Ion	Ratio	Lower	Upper
107	100		
108	117.7	88.4	132.6
77	54.3	43.0	64.4
79	52.4	42.2	63.2



#18
Hexachloroethane
Concen: 10.92 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

Tgt Ion:	117	Resp:	14765
Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.4	116.2
201	78.9	62.9	94.3





#19

n-Nitroso-di-n-propylamine

Concen: 12.95 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 30991

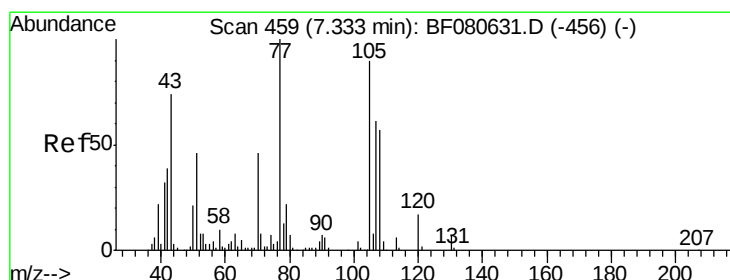
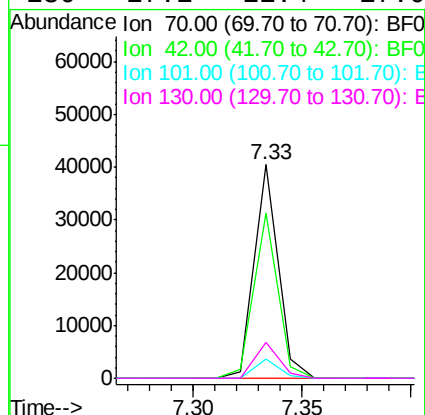
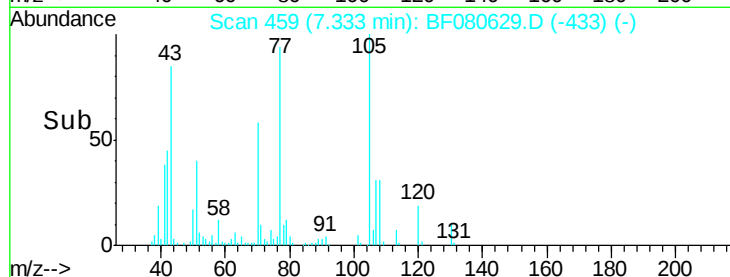
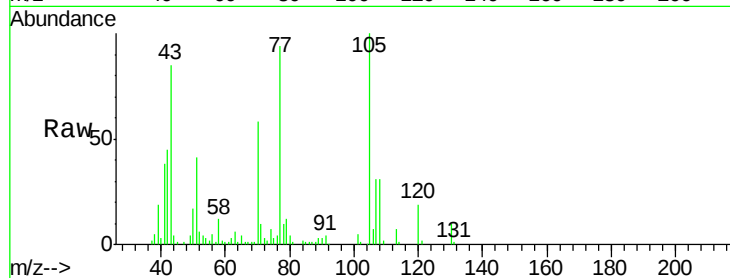
Ion Ratio Lower Upper

70 100

42 77.0 67.8 101.8

101 9.1 6.6 9.8

130 17.1 11.4 17.0#



#20

3+4-Methylphenols

Concen: 10.25 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Tgt Ion: 107 Resp: 34864

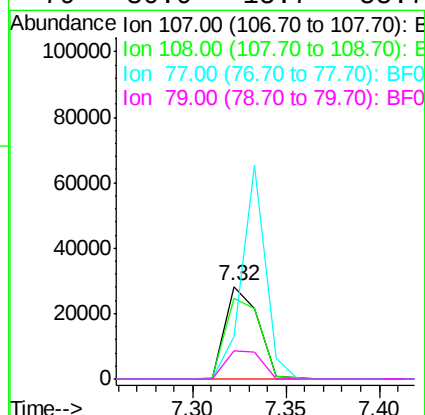
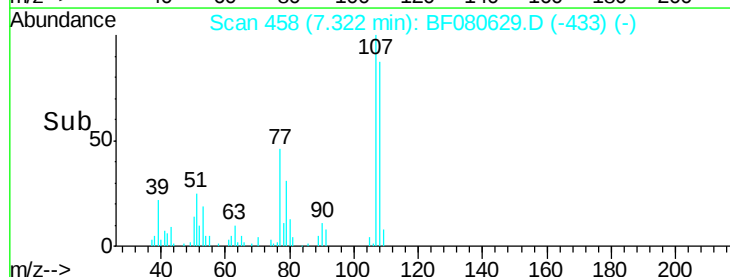
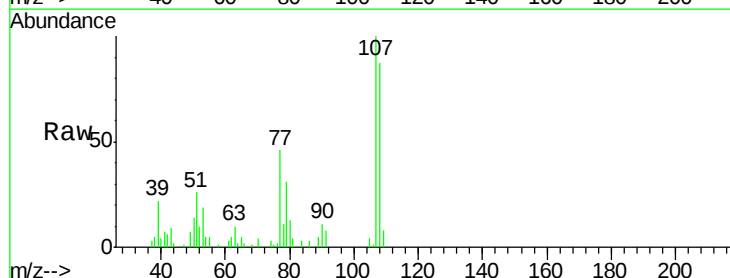
Ion Ratio Lower Upper

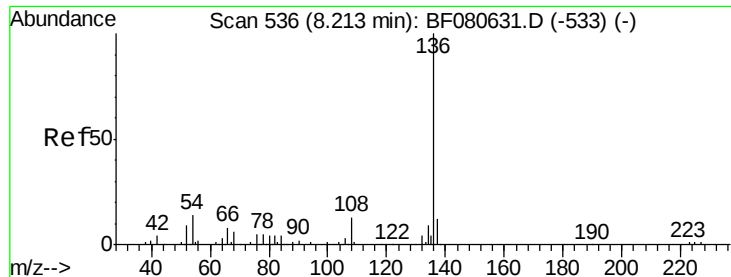
107 100

108 87.5 73.5 113.5

77 45.6 142.7 182.7#

79 30.9 15.7 55.7

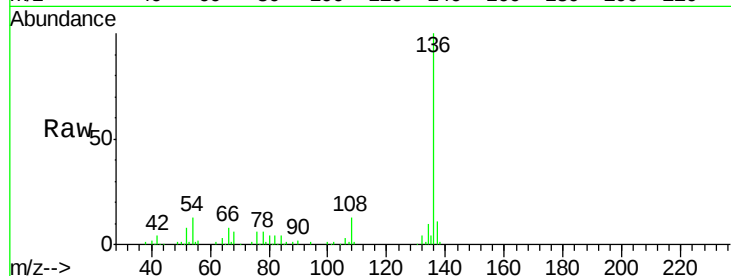




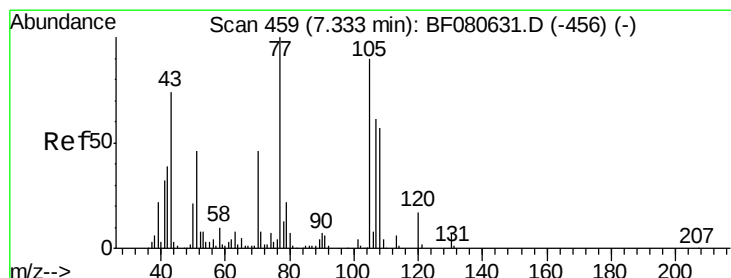
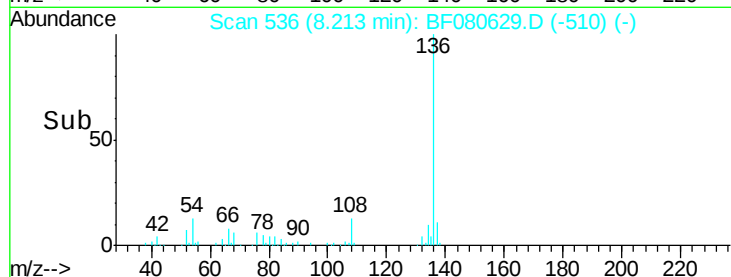
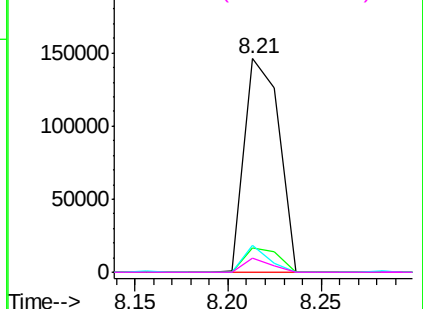
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion:	136	Resp:	187349
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	12.6	11.6	17.4
68	6.4	5.0	7.4

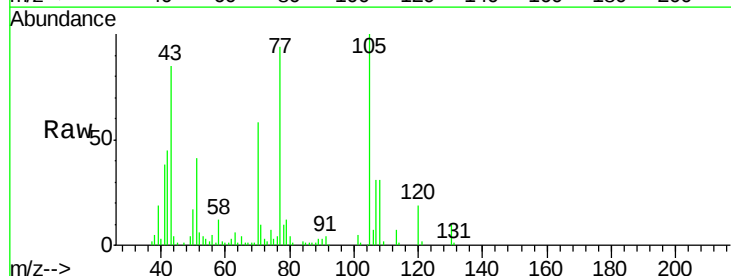


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

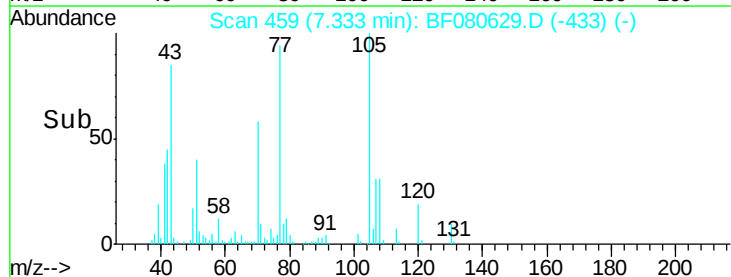
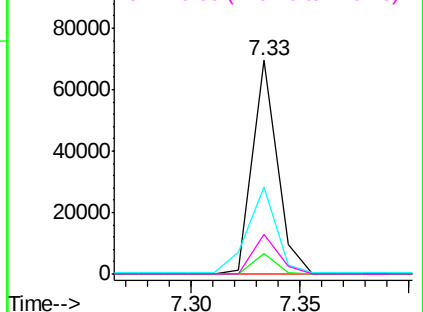


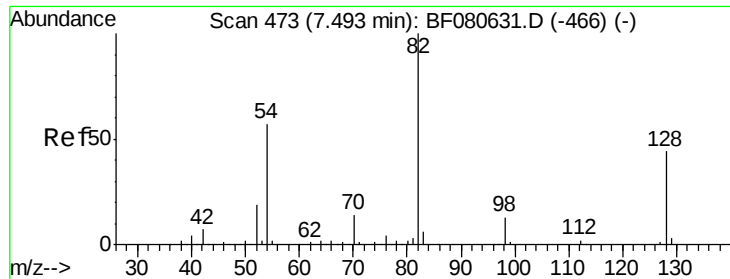
#22
Acetophenone
Concen: 12.20 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

Tgt Ion:	105	Resp:	55250
Ion	Ratio	Lower	Upper
105	100		
71	9.7	7.2	10.8
51	40.7	40.8	61.2#
120	18.7	15.3	22.9



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: 21.64 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

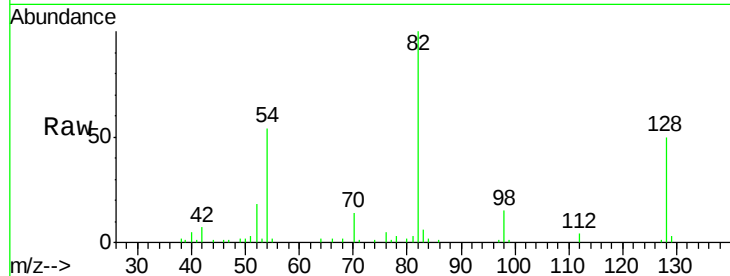
Tgt Ion: 82 Resp: 72238

Ion Ratio Lower Upper

82 100

128 49.9 34.8 52.2

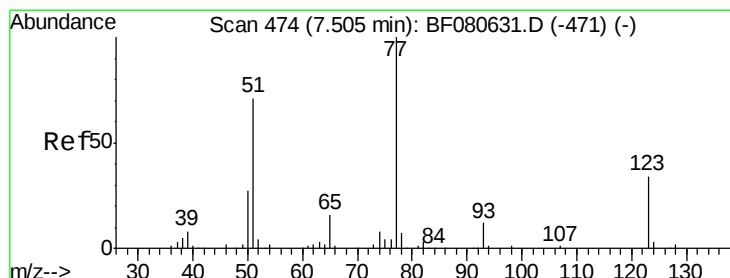
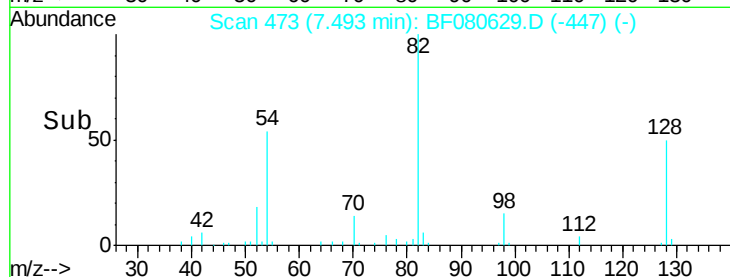
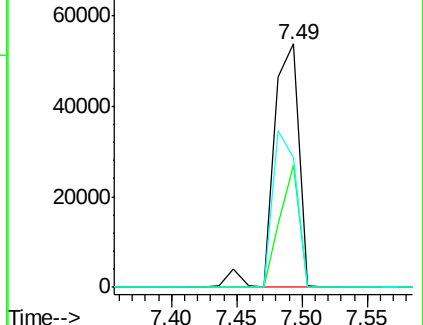
54 53.5 45.4 68.0



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: 11.57 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

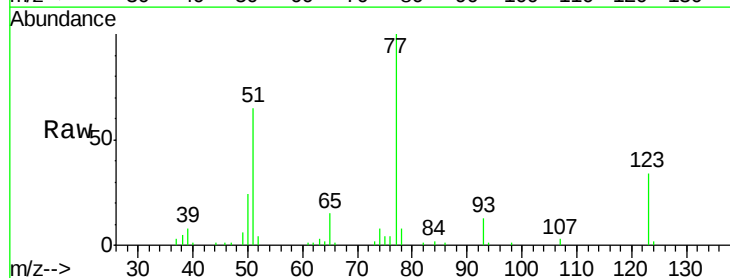
Tgt Ion: 77 Resp: 40269

Ion Ratio Lower Upper

77 100

123 33.5 27.1 40.7

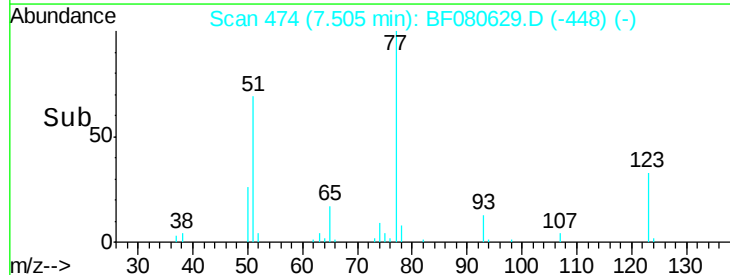
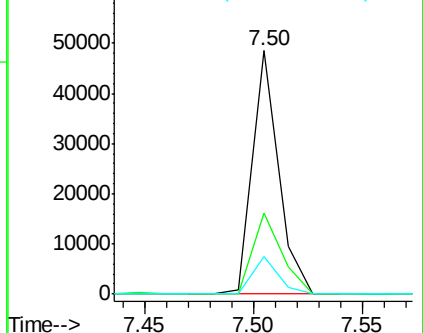
65 15.5 12.6 18.8

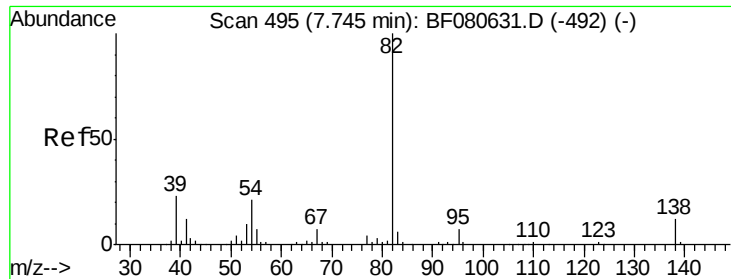


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 11.54 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

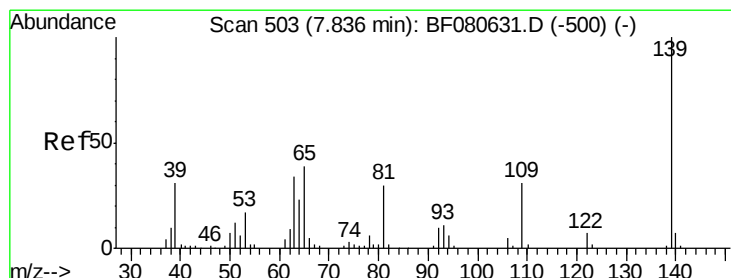
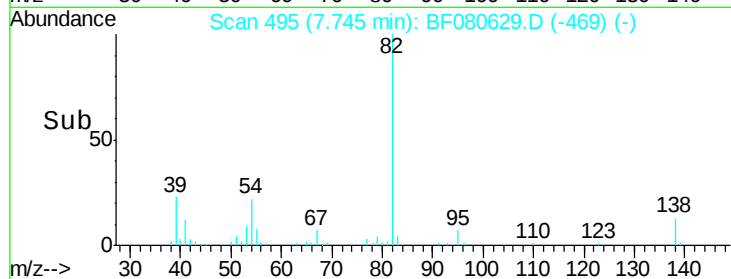
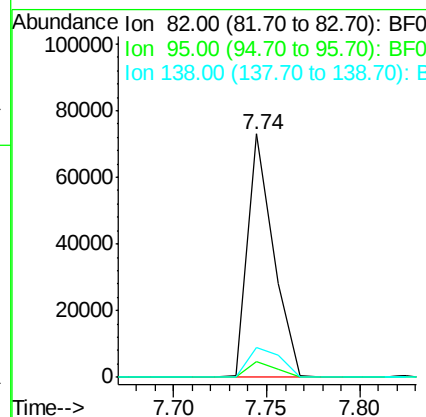
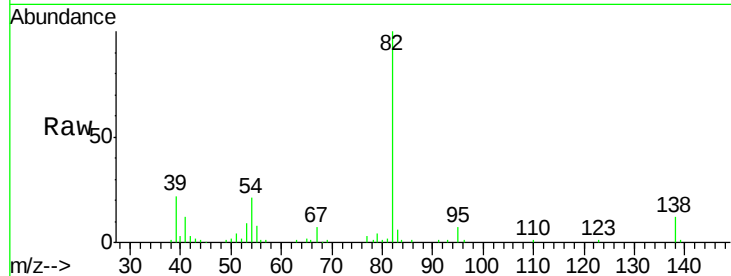
Tgt Ion: 82 Resp: 70154

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

138 12.2 9.7 14.5



#26

2-Nitrophenol

Concen: 9.88 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

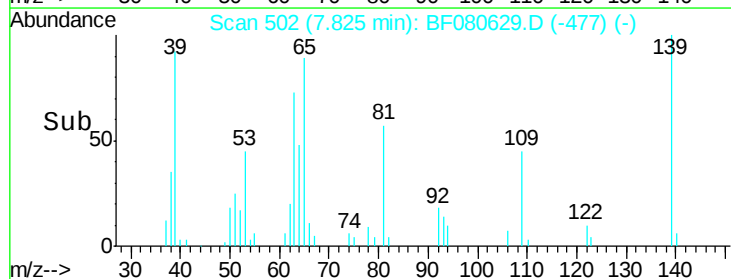
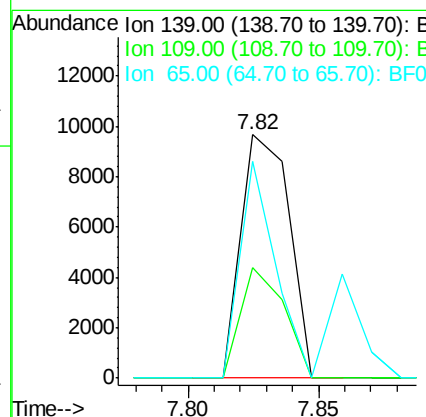
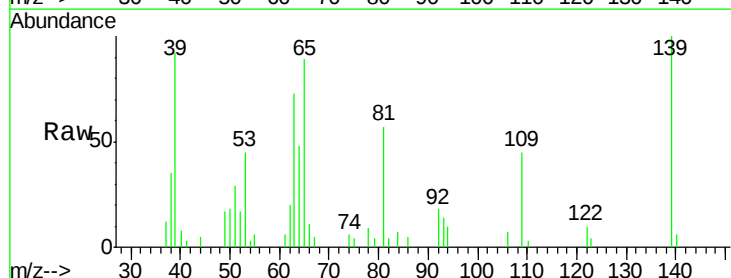
Tgt Ion: 139 Resp: 12548

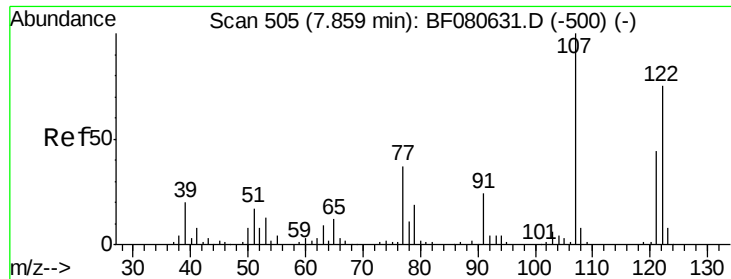
Ion Ratio Lower Upper

139 100

109 45.5 25.0 37.6#

65 89.2 31.4 47.0#

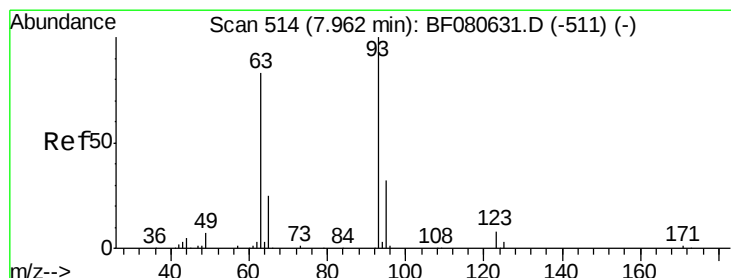
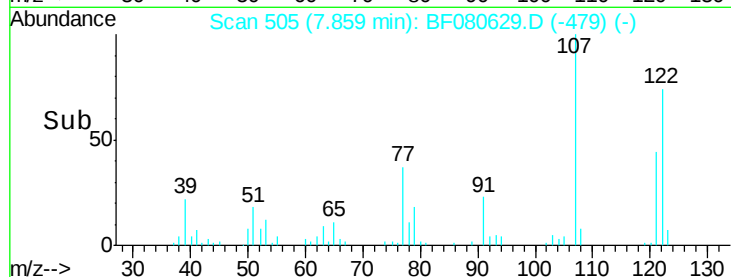
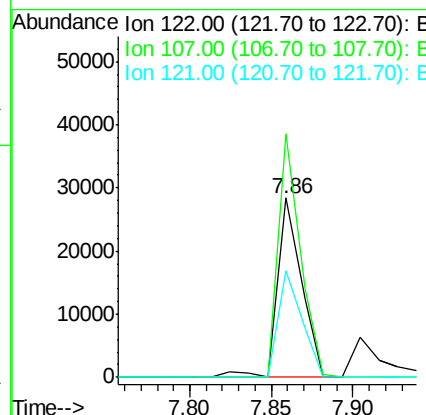
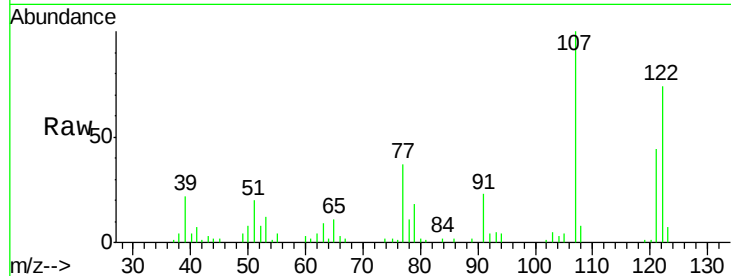




#27
 2,4-Dimethylphenol
 Concen: 10.60 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

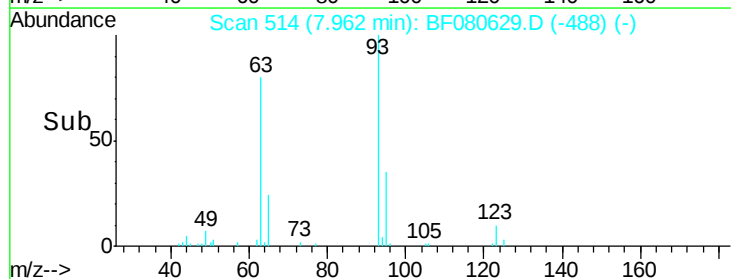
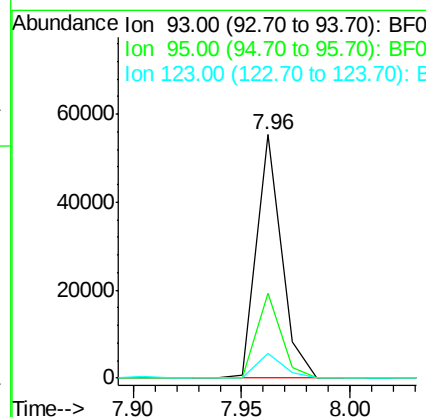
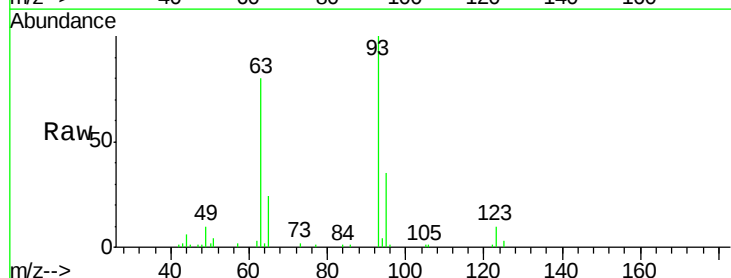
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

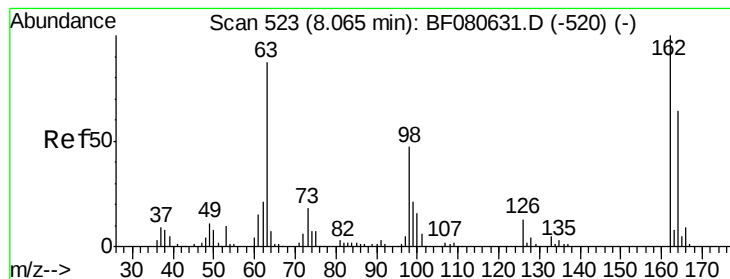
Tgt Ion:122 Resp: 29056
 Ion Ratio Lower Upper
 122 100
 107 135.8 107.4 161.0
 121 59.4 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 12.87 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Tgt Ion: 93 Resp: 43957
 Ion Ratio Lower Upper
 93 100
 95 34.6 25.4 38.0
 123 10.0 7.2 10.8





#29

2,4-Dichlorophenol

Concen: 11.84 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

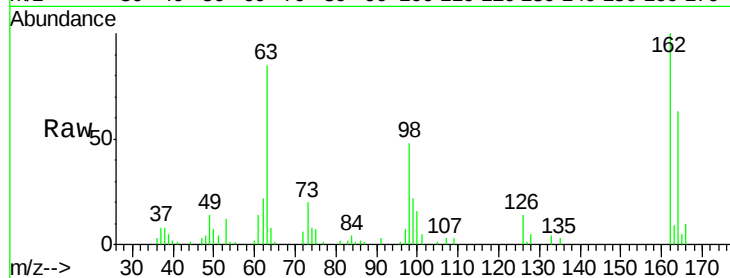
Tgt Ion:162 Resp: 27506

Ion Ratio Lower Upper

162 100

164 62.7 43.9 83.9

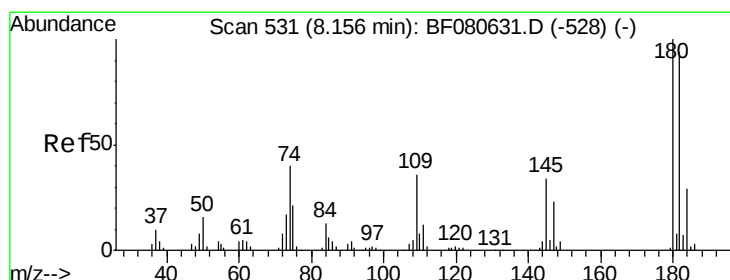
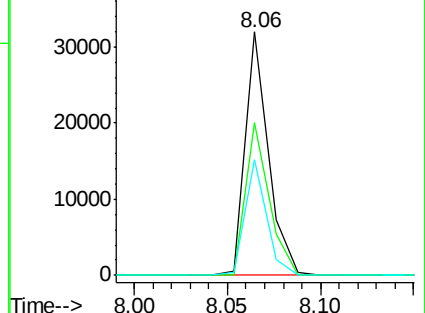
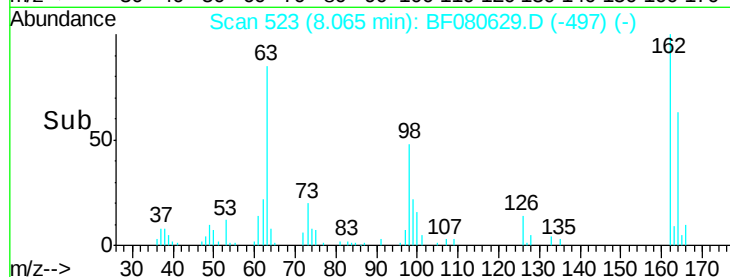
98 47.6 26.5 66.5



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: 10.81 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

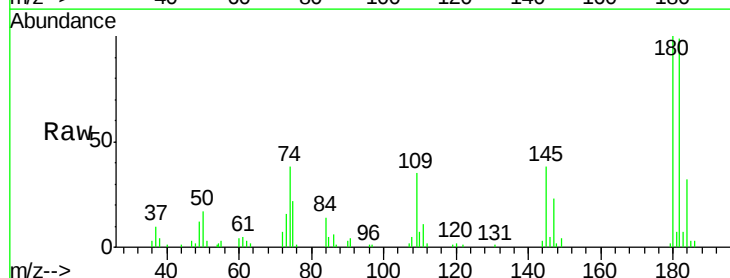
Tgt Ion:180 Resp: 32013

Ion Ratio Lower Upper

180 100

182 98.6 75.5 113.3

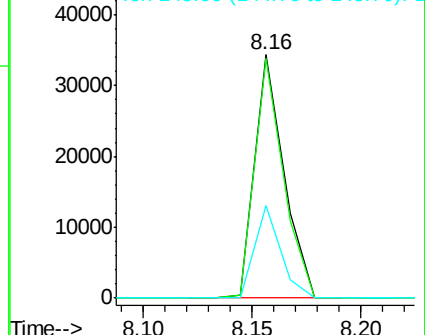
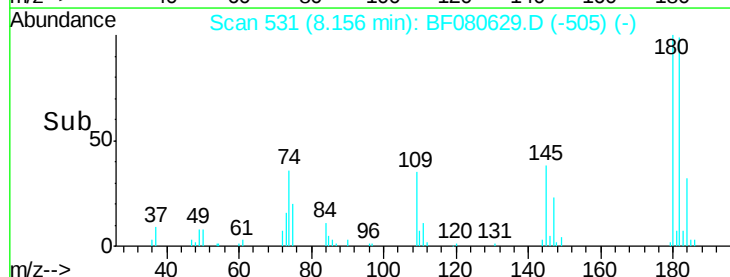
145 37.8 27.1 40.7

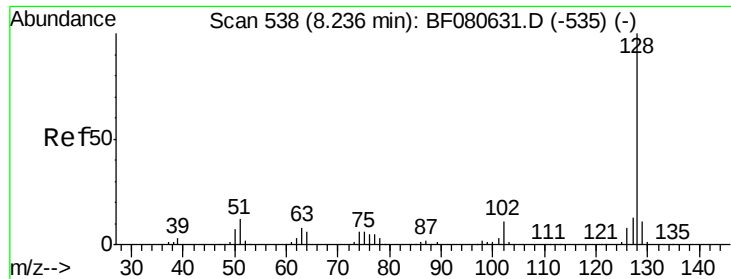


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

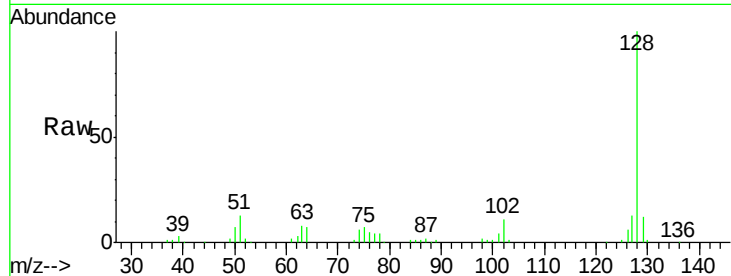




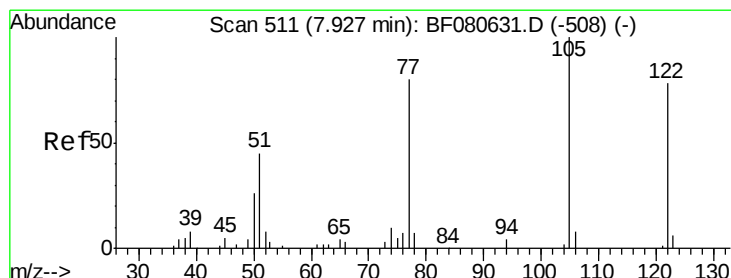
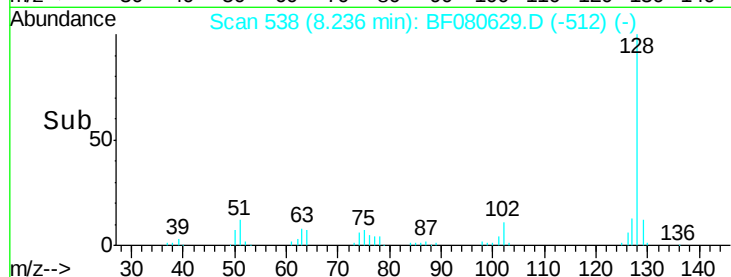
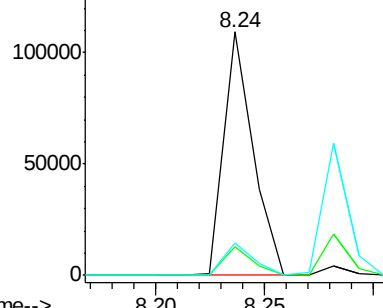
#31
Naphthalene
Concen: 10.97 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 101982
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 10.6 15.8

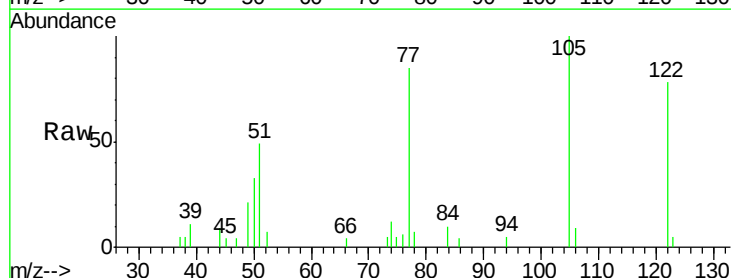


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

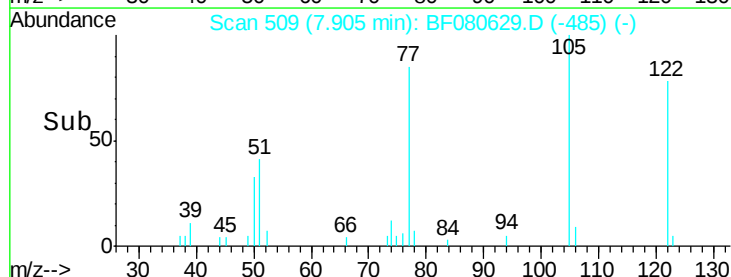
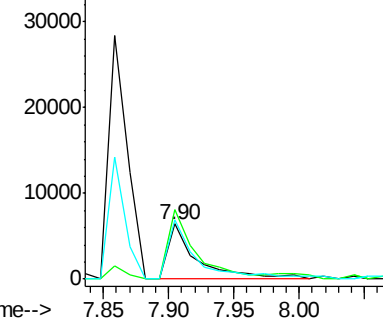


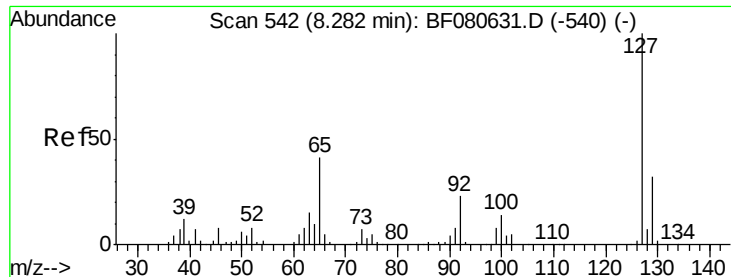
#32
Benzoic acid
Concen: 8.02 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF080629.D
Acq: 24 Jul 2015 16:55

Tgt Ion:122 Resp: 9881
Ion Ratio Lower Upper
122 100
105 127.5 107.9 147.9
77 107.9 84.3 124.3



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

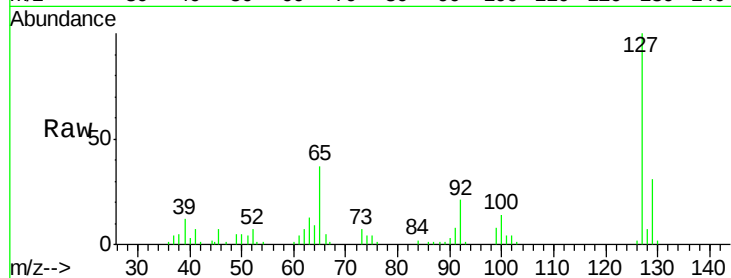




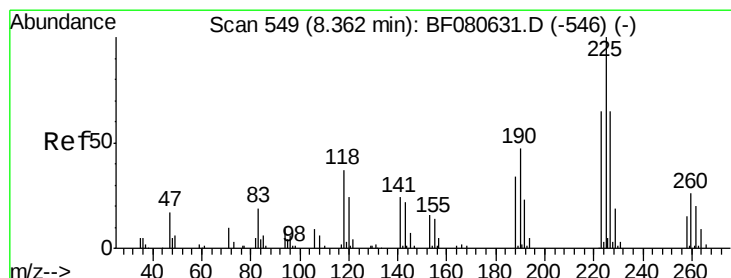
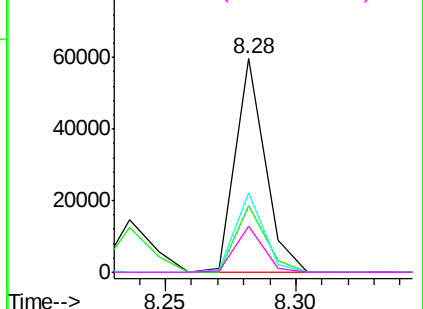
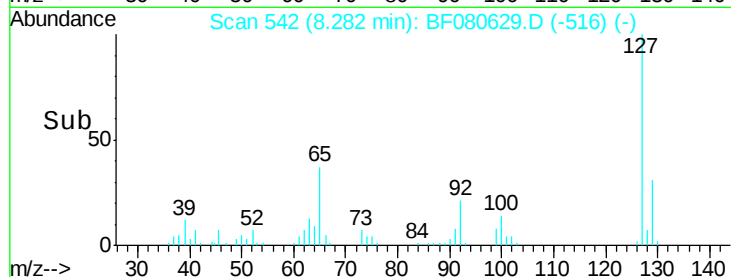
#33
 4-Chloroaniline
 Concen: 12.96 ng
 RT: 8.28 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:	127	Resp:	47832
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.8	38.6
65	37.5	32.5	48.7
92	21.5	18.5	27.7

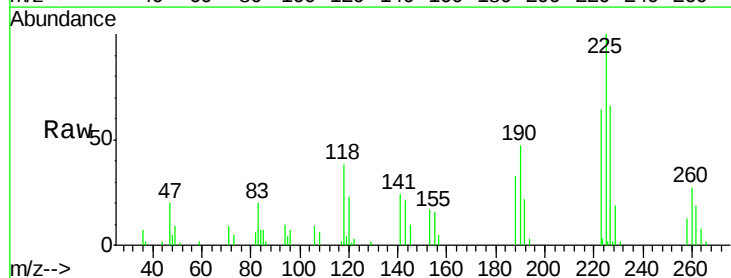


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

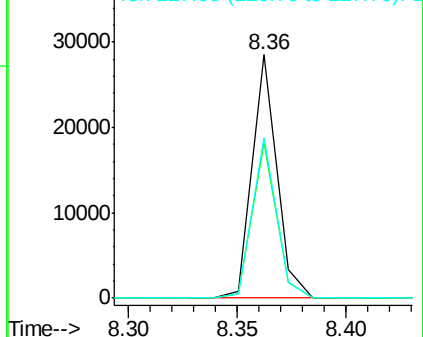
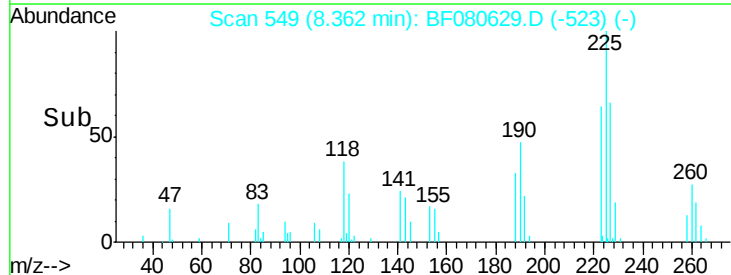


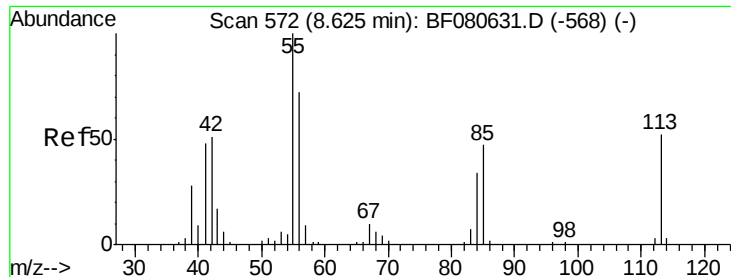
#34
 Hexachlorobutadiene
 Concen: 12.64 ng
 RT: 8.36 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Tgt Ion:	225	Resp:	22430
Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.9	77.9
227	64.9	51.6	77.4



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: 12.70 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

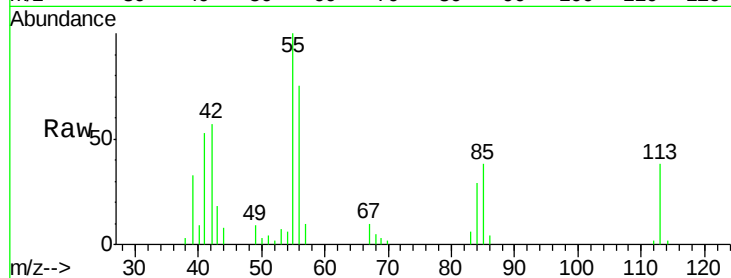
Tgt Ion:113 Resp: 7895

Ion Ratio Lower Upper

113 100

55 263.0 170.7 210.7#

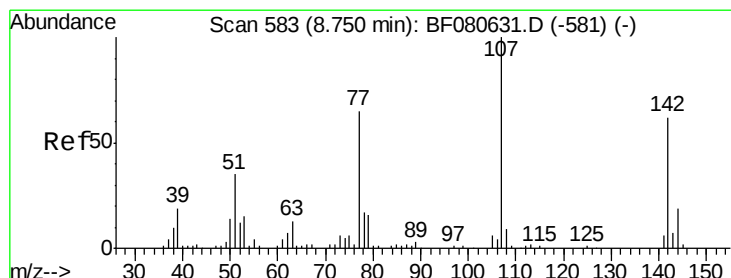
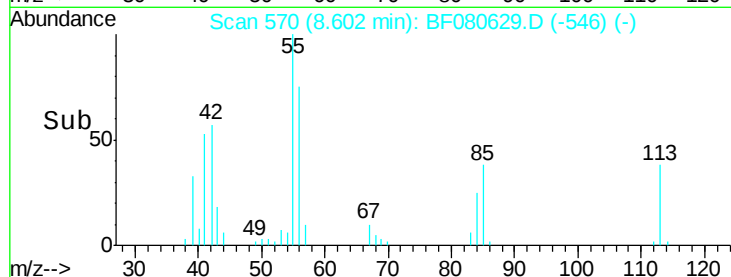
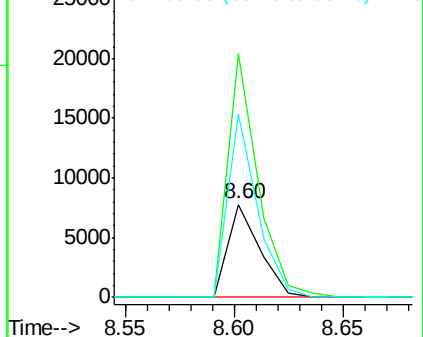
56 198.2 118.2 158.2#



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: 11.59 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

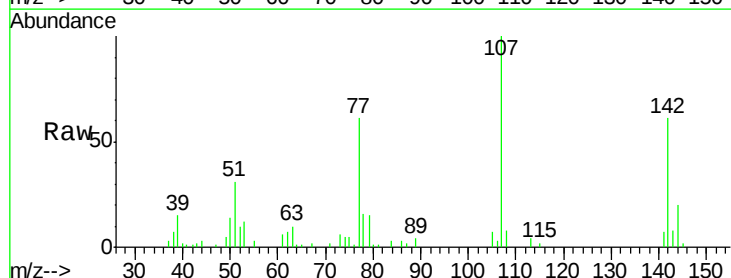
Tgt Ion:107 Resp: 30881

Ion Ratio Lower Upper

107 100

144 20.0 15.0 22.6

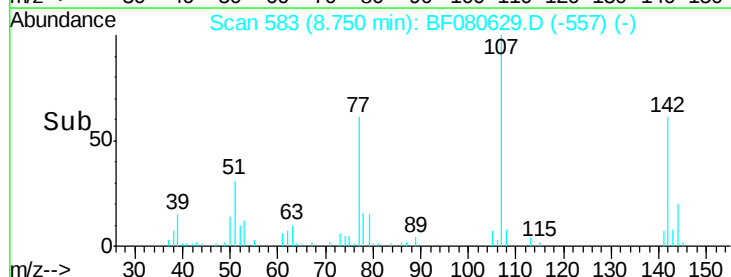
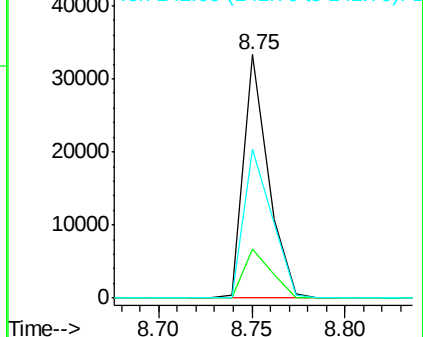
142 61.1 49.5 74.3

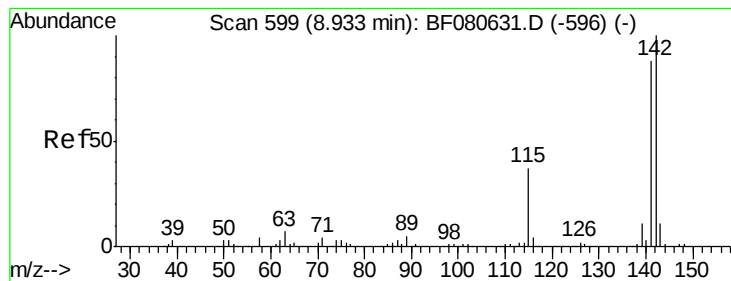


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 12.75 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

Instrument :

BNA_F

ClientSampled :

SSTDICC010

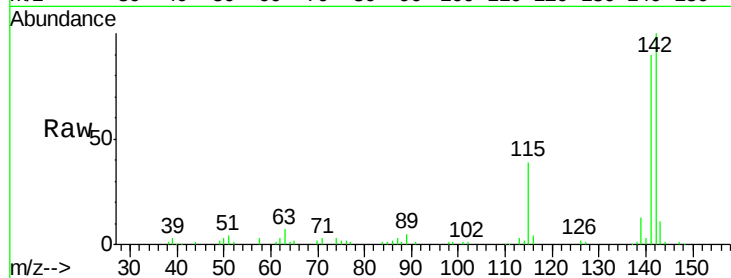
Tgt Ion:142 Resp: 69012

Ion Ratio Lower Upper

142 100

141 90.3 70.7 106.1

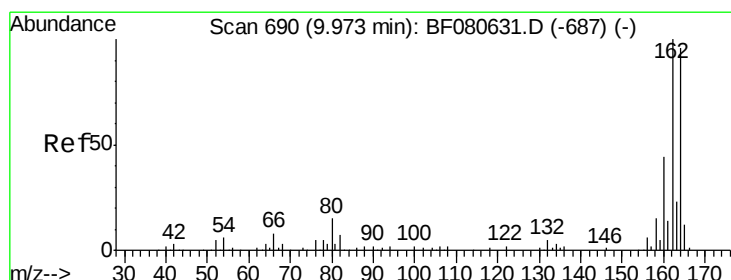
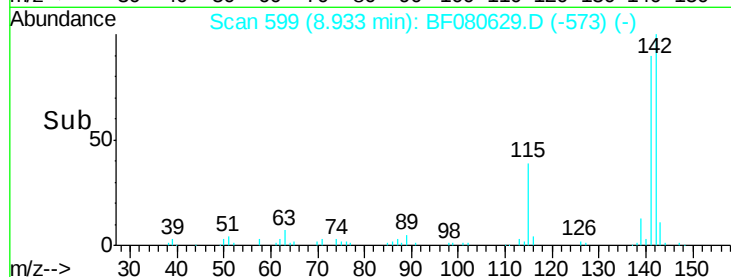
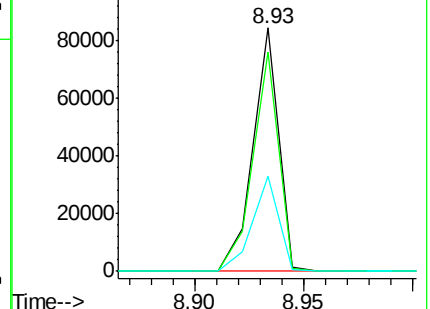
115 39.0 29.3 43.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF080629.D

Acq: 24 Jul 2015 16:55

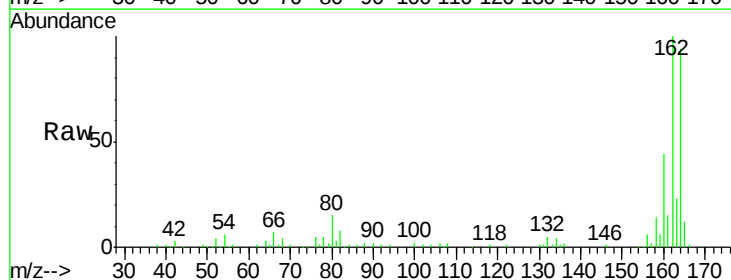
Tgt Ion:164 Resp: 108556

Ion Ratio Lower Upper

164 100

162 106.7 83.3 124.9

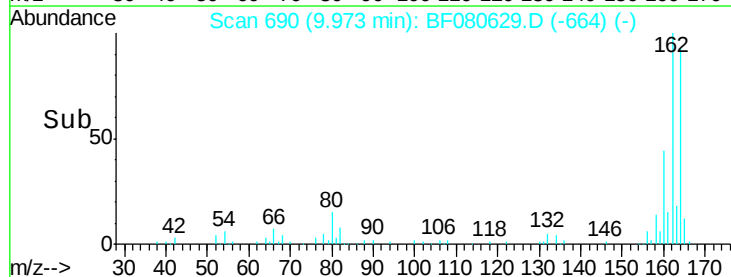
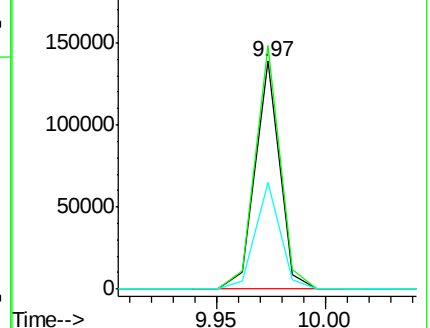
160 46.9 36.9 55.3

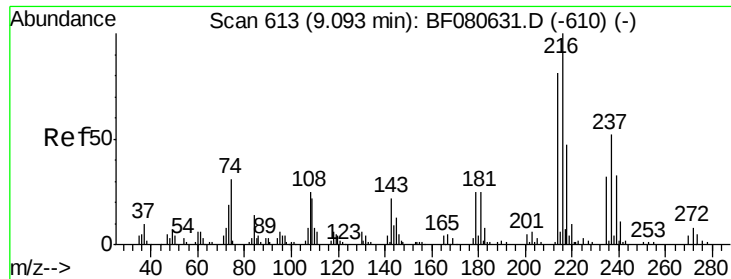


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

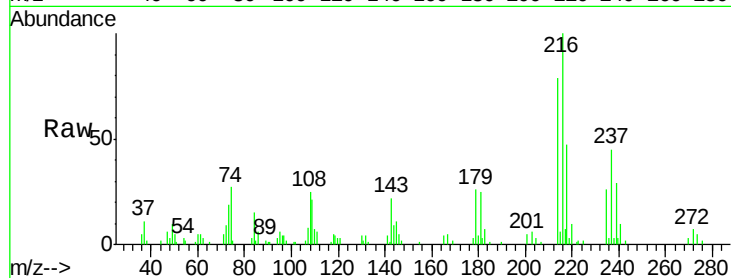




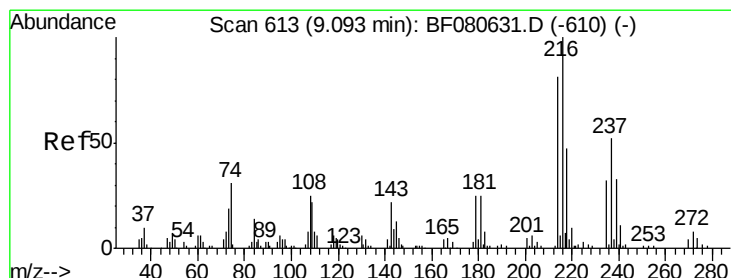
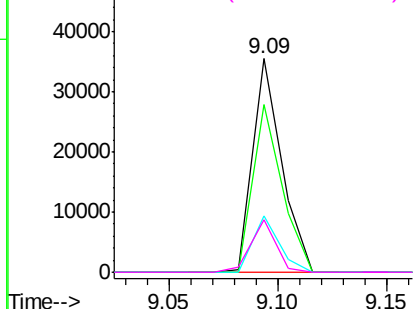
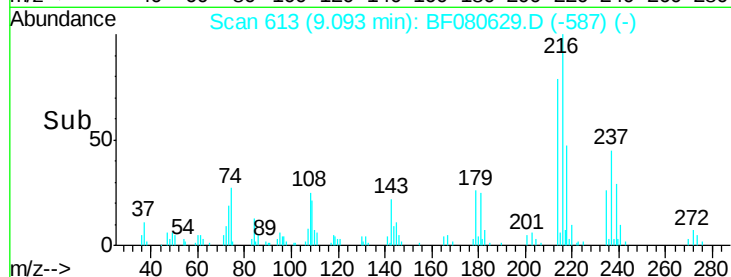
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.17 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tgt Ion:216 Resp: 32772
 Ion Ratio Lower Upper
 216 100
 214 78.8 62.5 93.7
 179 24.2 18.7 28.1
 108 22.0 17.6 26.4

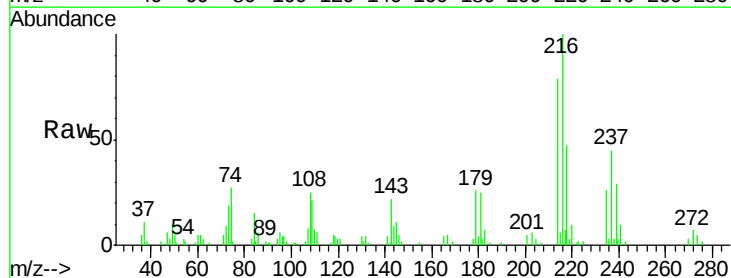


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 9.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080629.D
 Acq: 24 Jul 2015 16:55

Tgt Ion:237 Resp: 17780
 Ion Ratio Lower Upper
 237 100
 235 58.1 41.6 81.6
 272 14.6 0.0 35.0



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

