

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082286.D
 Acq On : 14 Oct 2015 18:41
 Operator : UM/IZ
 Sample : G4016-10MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Quant Time: Oct 15 01:47:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	71595	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	284815	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150885	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	296344	20.00	ng	0.00
75) Chrysene-d12	14.05	240	235741	20.00	ng	-0.08
86) Perylene-d12	15.57	264	181901	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	47820	13.48	ng	0.01
7) Phenol-d6	6.46	99	397732	86.16	ng	-0.01
23) Nitrobenzene-d5	7.39	82	511082	120.51	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	696	0.49	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	1100084	120.91	ng	-0.01
78) Terphenyl-d14	12.96	244	1169332	131.44	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	39272	22.03	ng	97
3) Pyridine	3.12	79	107680	25.98	ng	95
4) n-Nitrosodimethylamine	3.07	42	41900	23.83	ng	98
6) Aniline	6.48	93	70454	11.84	ng	95
8) 2-Chlorophenol	6.61	128	12544	2.90	ng	92
9) Benzaldehyde	6.37	77	51025	21.64	ng	97
10) Phenol	6.47	94	75658	14.21	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	128600	28.57	ng	99
12) 1,3-Dichlorobenzene	6.99	146	148439	29.43	ng	97
13) 1,4-Dichlorobenzene	6.83	146	145572	27.64	ng	96
14) 1,2-Dichlorobenzene	6.83	146	147270	29.45	ng	96
15) Benzyl Alcohol	6.97	79	109967	34.51	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	200177	31.94	ng	99
17) 2-Methylphenol	7.09	107	88074	25.72	ng	98
18) Hexachloroethane	7.34	117	49424	27.42	ng	# 71
19) n-Nitroso-di-n-propylamine	7.23	70	92918	28.66	ng	# 81
20) 3+4-Methylphenols	7.25	107	79202	19.41	ng	# 79
22) Acetophenone	7.23	105	189314	33.60	ng	# 91
24) Nitrobenzene	7.42	77	132445	28.85	ng	# 81
25) Isophorone	7.65	82	265311	30.99	ng	99
26) 2-Nitrophenol	7.65	139	4771	2.08	ng	# 51
27) 2,4-Dimethylphenol	7.77	122	109630	29.69	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	169623	34.06	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	128644	30.23	ng	97
31) Naphthalene	8.14	128	405372	32.83	ng	98
32) Benzoic acid	7.77	122	109630	44.23	ng	# 12
33) 4-Chloroaniline	8.19	127	81402	15.88	ng	# 94
34) Hexachlorobutadiene	8.25	225	82686	31.18	ng	97
35) Caprolactam	8.53	113	26237	24.49	ng	# 74
36) 4-Chloro-3-methylphenol	8.67	107	43141	11.95	ng	91
37) 2-Methylnaphthalene	8.82	142	281336	32.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	147132	32.78	ng	97
40) Hexachlorocyclopentadiene	8.97	237	90430	43.99	ng	97
45) 1,1'-Biphenyl	9.29	154	379126	32.95	ng	98

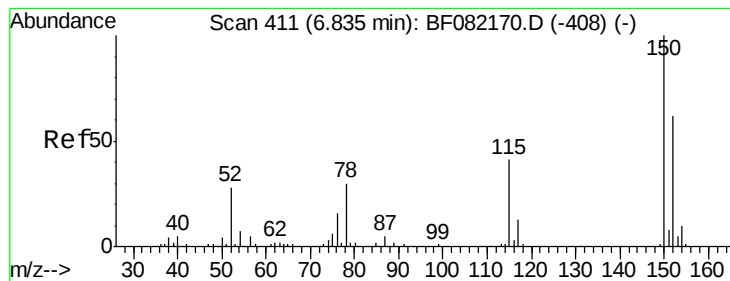
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	9.31	162	277899	30.68	nq	94
47) 2-Nitroaniline	9.42	65	83465	33.57	nq	89
48) Acenaphthylene	9.74	152	451758	32.02	nq	98
49) Dimethylphthalate	9.60	163	456284	42.94	nq	98
50) 2,6-Dinitrotoluene	9.66	165	68536	30.57	nq	# 67
51) Acenaphthene	9.91	154	256110	30.24	nq	98
52) 3-Nitroaniline	9.83	138	62625	24.73	nq	# 80
54) Dibenzofuran	10.08	168	411247	35.36	nq	93
55) 4-Nitrophenol	10.08	139	149000	83.61	nq	# 12
56) 2,4-Dinitrotoluene	10.06	165	94101	33.58	nq	85
57) Fluorene	10.42	166	316058	33.09	nq	98
59) Diethylphthalate	10.29	149	326099	32.93	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	158218	36.16	nq	93
61) 4-Nitroaniline	10.45	138	77329	31.48	nq	98
62) Azobenzene	10.57	77	335731	34.64	nq	94
65) n-Nitrosodiphenylamine	10.53	169	282206	31.81	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	97215	32.78	nq	95
67) Hexachlorobenzene	10.96	284	95216	29.69	nq	# 63
68) Atrazine	11.06	200	97362	34.64	nq	99
70) Phenanthrene	11.38	178	485454	33.42	nq	100
71) Anthracene	11.44	178	506852	33.86	nq	98
72) Carbazole	11.60	167	427954	31.34	nq	# 97
73) Di-n-butylphthalate	11.92	149	518619	30.79	nq	99
74) Fluoranthene	12.57	202	477488	30.61	nq	97
76) Benzidine	12.71	184	167847	24.57	nq	98
77) Pyrene	12.80	202	492476	35.20	nq	98
79) Butylbenzylphthalate	13.44	149	223837	35.06	nq	93
80) Benzo(a)anthracene	14.04	228	423353	34.52	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	76967	16.53	nq	98
82) Chrysene	14.07	228	365131	28.25	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	289217	31.75	nq	98
84) Di-n-octyl phthalate	14.70	149	460385	29.43	nq	# 85
85) Indeno(1,2,3-cd)pyrene	17.00	276	338878	32.99	nq	99
87) Benzo(b)fluoranthene	15.14	252	647707	58.53	nq	99
88) Benzo(k)fluoranthene	15.14	252	647707	69.63	nq	# 97
89) Benzo(a)pyrene	15.51	252	302944	31.85	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	283381	36.36	nq	97
91) Benzo(g,h,i)perylene	17.43	276	283966	37.50	nq	98

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

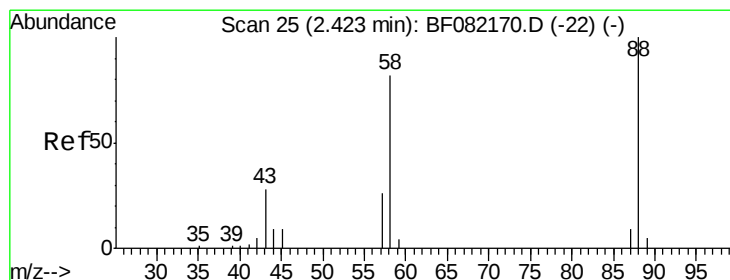
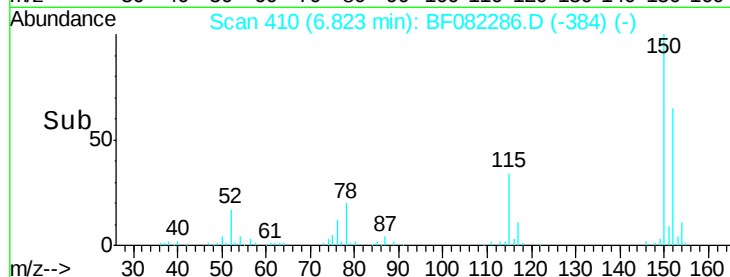
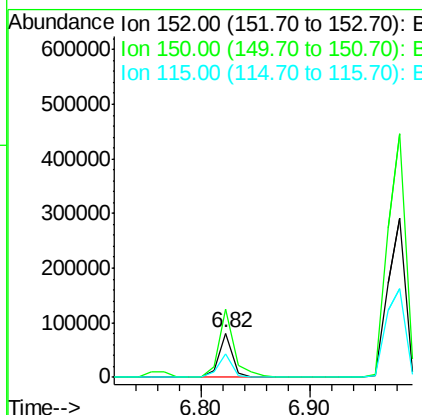
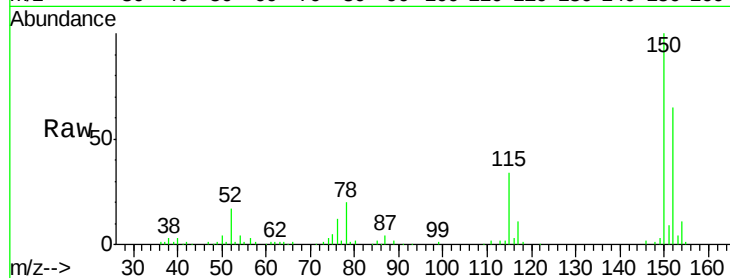


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

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BNA_F
ClientSampleId :
CS-11MS

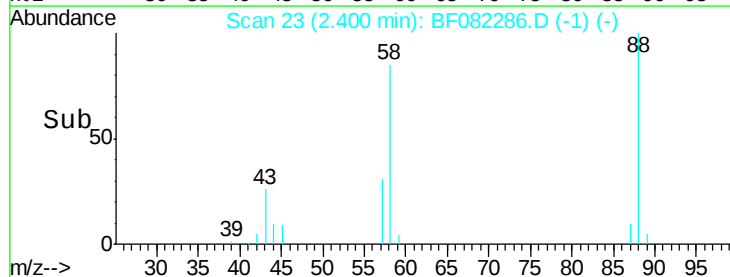
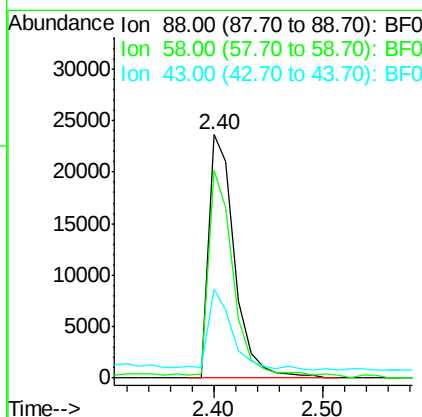
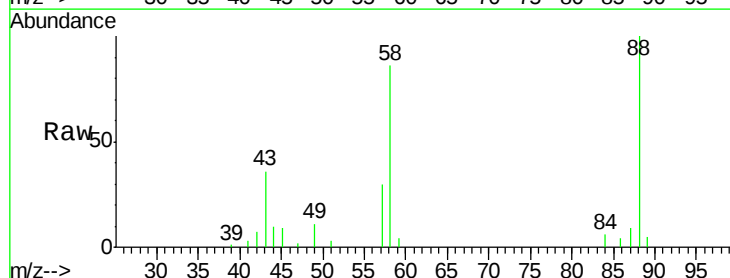
Tot Ion:152 Resp: 71595
Ion Ratio Lower Upper
152 100
150 154.6 129.0 193.4
115 53.3 52.1 78.1

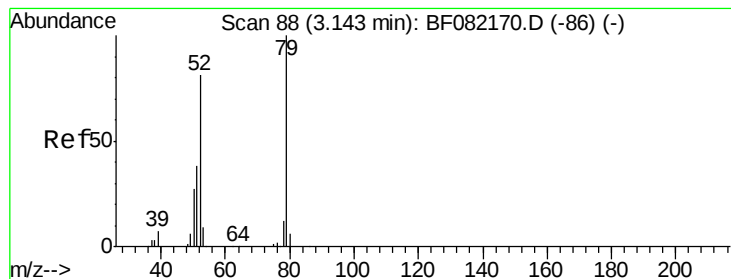


#2

1,4-Dioxane
Concen: 22.03 ng
RT: 2.40 min Scan# 23
Delta R.T. 0.05 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion: 88 Resp: 39272
Ion Ratio Lower Upper
88 100
58 84.4 66.2 99.4
43 31.7 23.0 34.4





#3

Pvridine

Concen: 25.98 ng

RT: 3.12 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

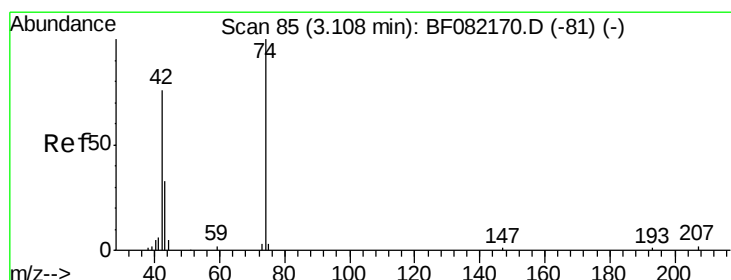
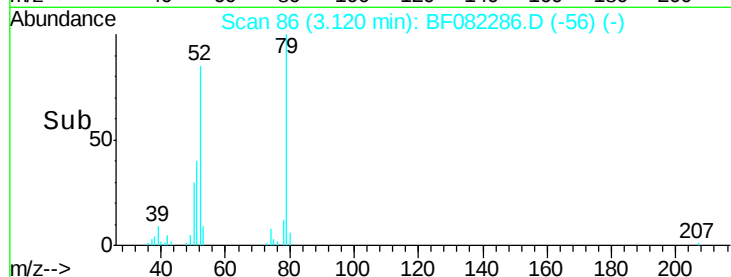
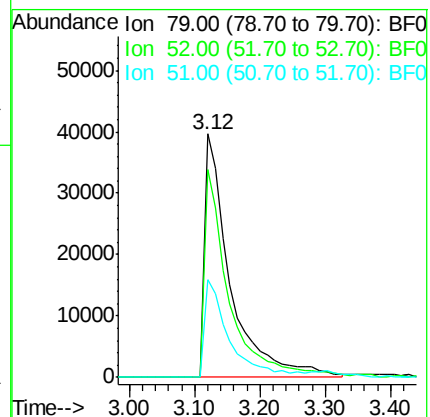
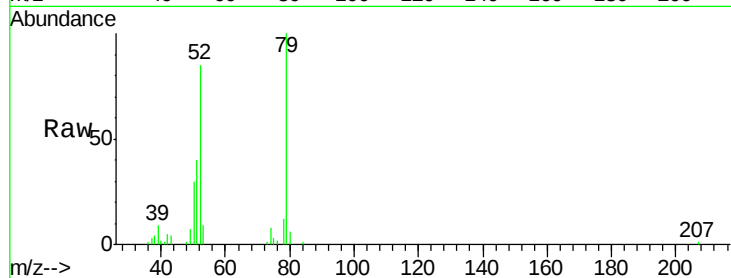
Tot Ion: 79 Resp: 107680

Ion Ratio Lower Upper

79 100

52 85.4 64.4 96.6

51 40.3 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 23.83 ng

RT: 3.07 min Scan# 82

Delta R.T. 0.03 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

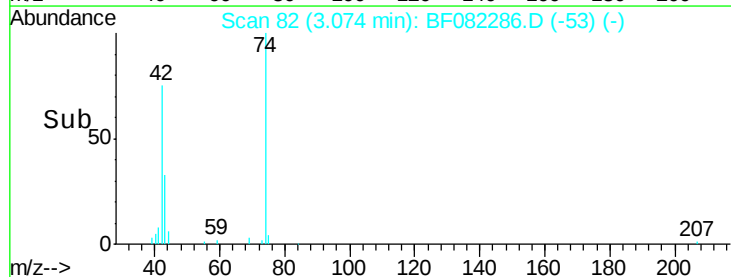
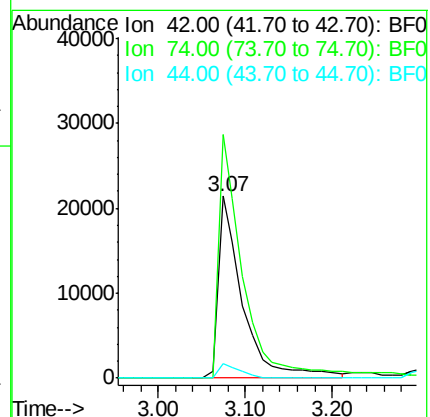
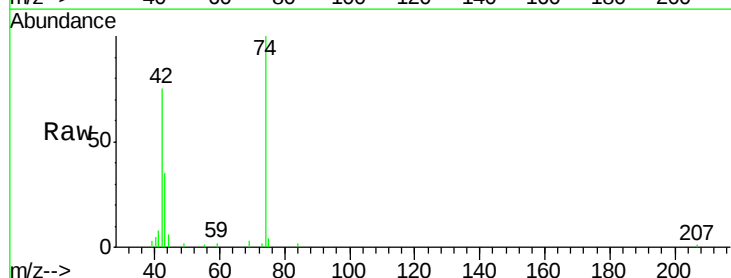
Tgt Ion: 42 Resp: 41900

Ion Ratio Lower Upper

42 100

74 134.1 105.7 158.5

44 7.9 5.4 8.2





#5

2-Fluorophenol

Concen: 13.48 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

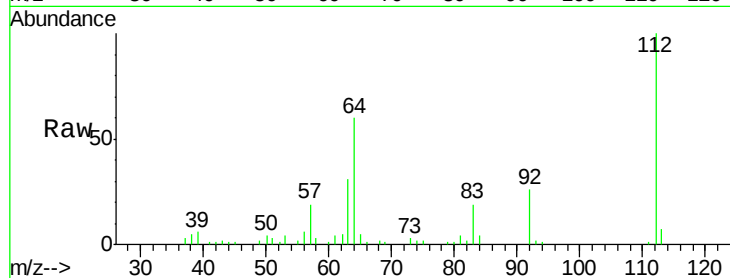
Tot Ion:112 Resp: 47820

Ion Ratio Lower Upper

112 100

64 59.7 48.6 73.0

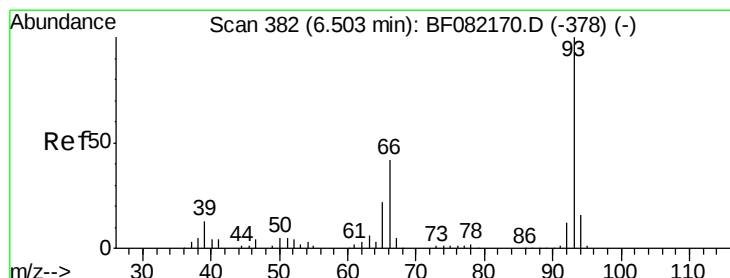
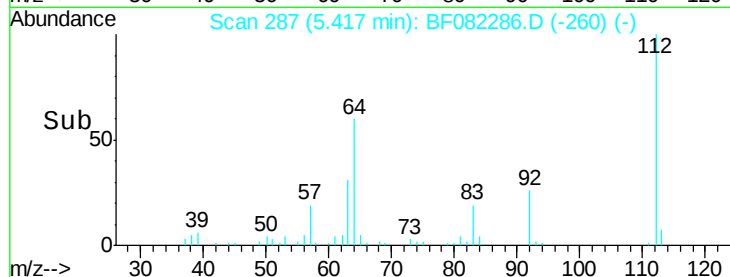
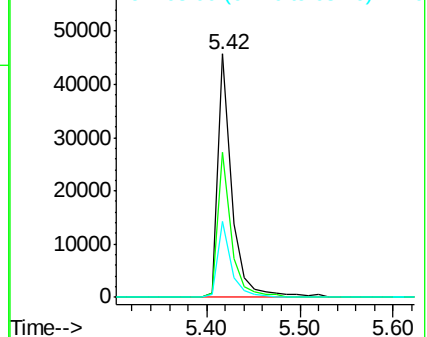
63 31.0 25.1 37.7



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: 11.84 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

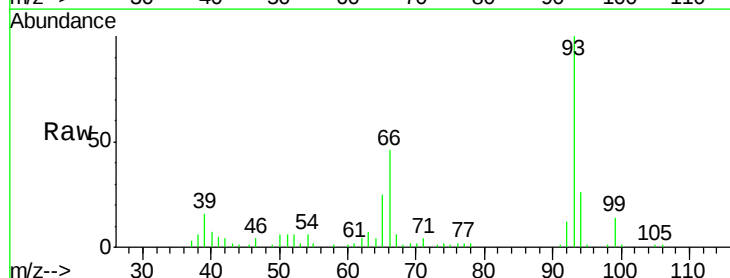
Tgt Ion: 93 Resp: 70454

Ion Ratio Lower Upper

93 100

66 45.7 34.2 51.2

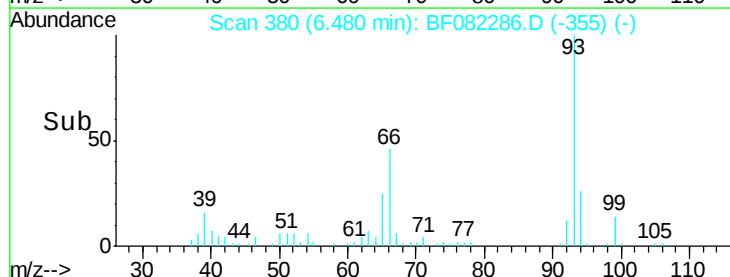
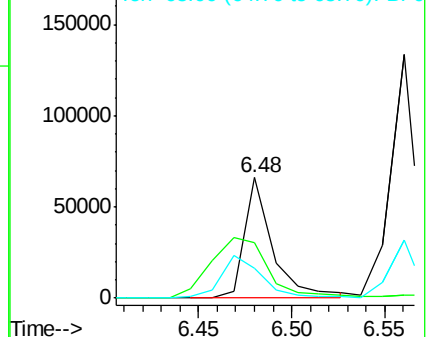
65 25.2 17.9 26.9



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: 86.16 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

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ClientSampleId :

CS-11MS

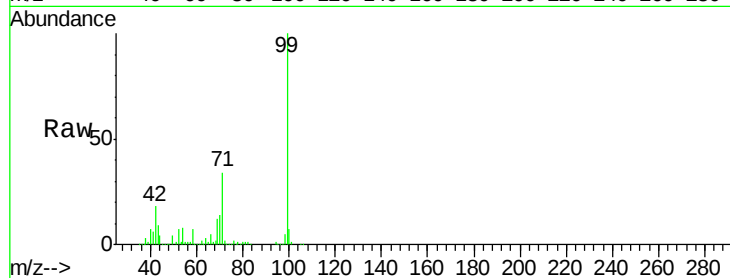
Tot Ion: 99 Resp: 397732

Ion Ratio Lower Upper

99 100

42 17.7 13.2 19.8

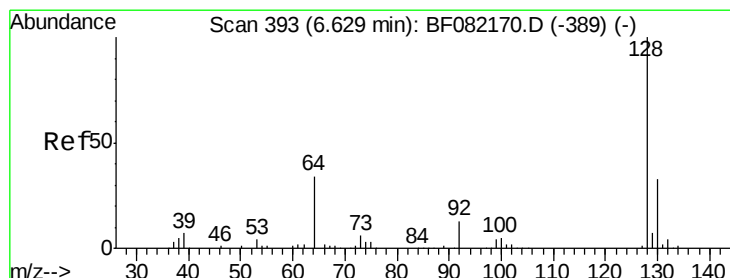
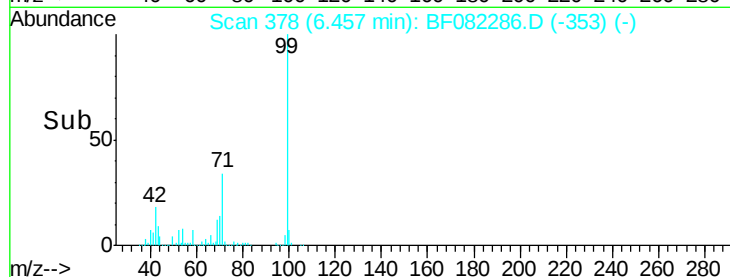
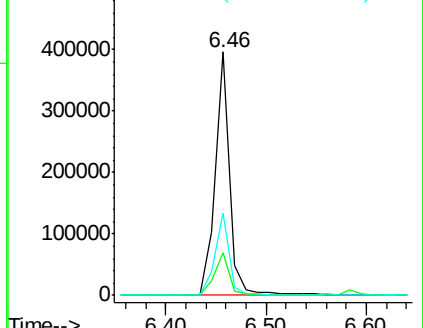
71 33.6 25.6 38.4



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: 2.90 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

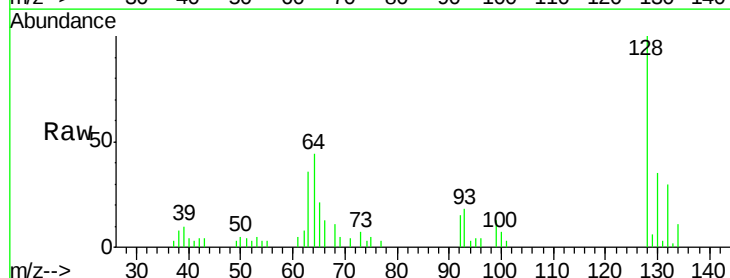
Tgt Ion: 128 Resp: 12544

Ion Ratio Lower Upper

128 100

130 35.1 12.6 52.6

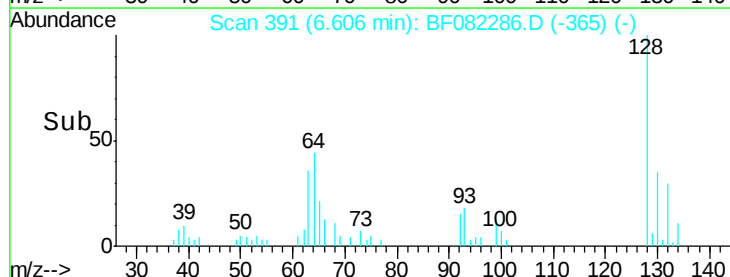
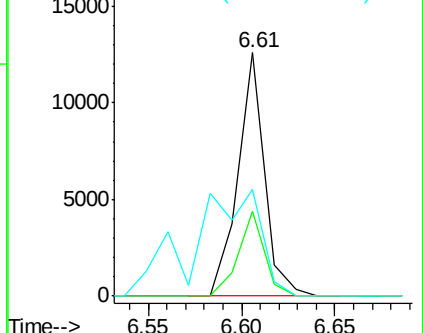
64 43.8 16.7 56.7

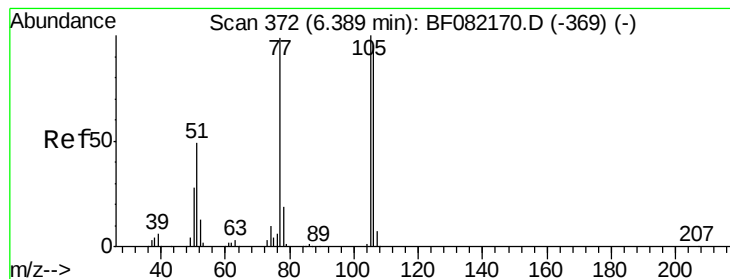


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.64 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

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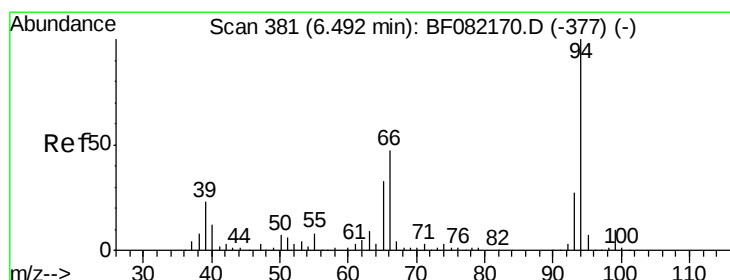
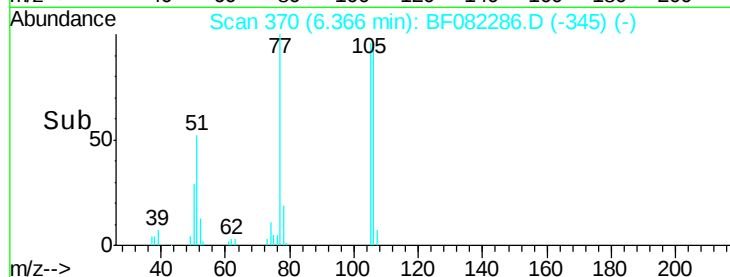
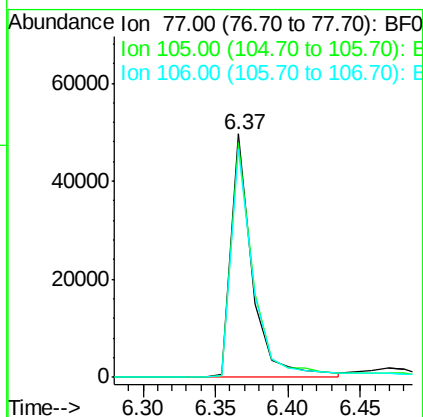
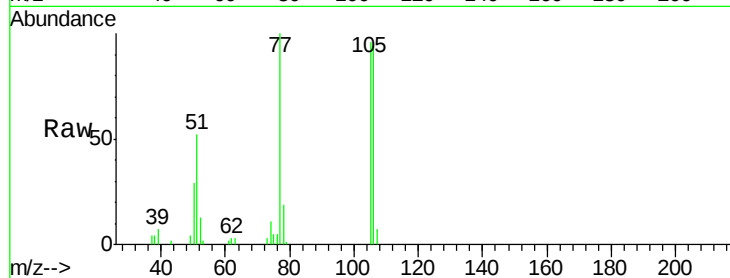
Tot Ion: 77 Resp: 51025

Ion Ratio Lower Upper

77 100

105 96.2 80.6 120.6

106 93.9 75.5 115.5



#10

Phenol

Concen: 14.21 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

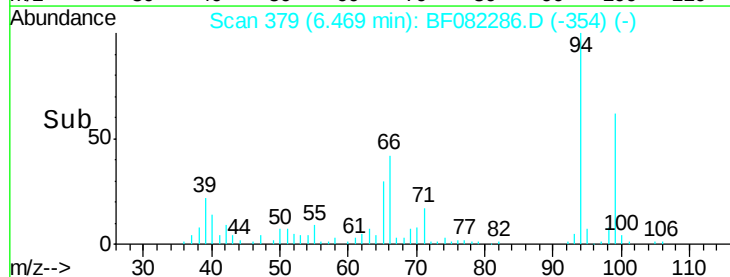
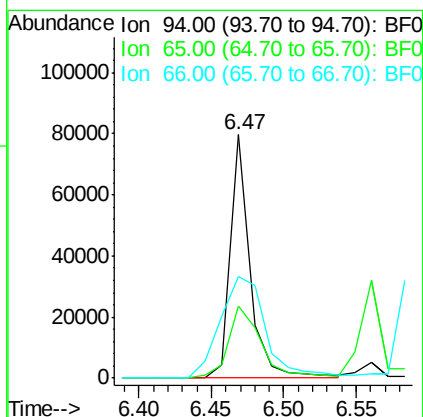
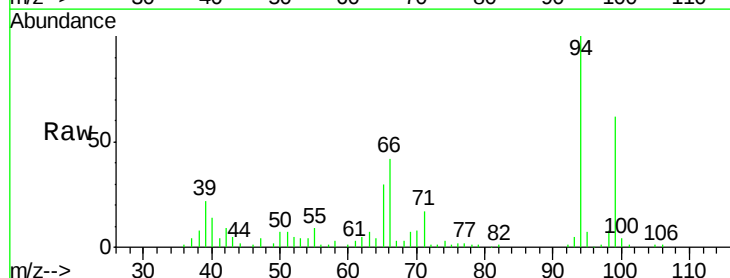
Tgt Ion: 94 Resp: 75658

Ion Ratio Lower Upper

94 100

65 29.7 12.6 52.6

66 41.5 27.3 67.3

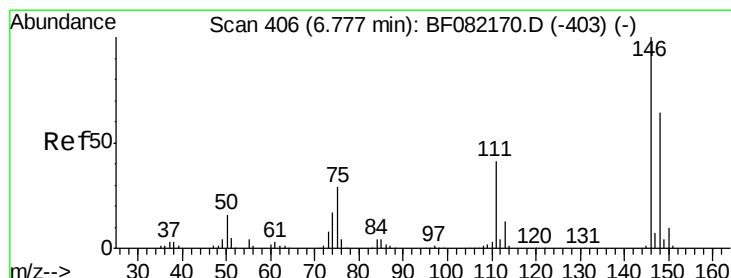
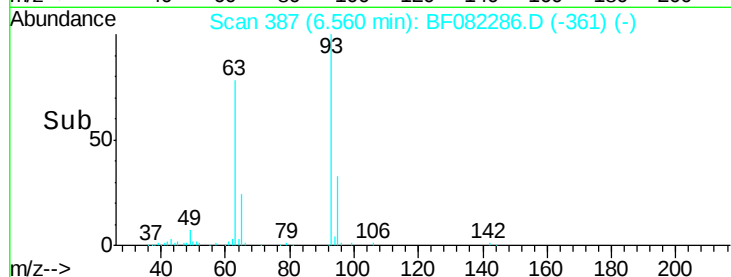
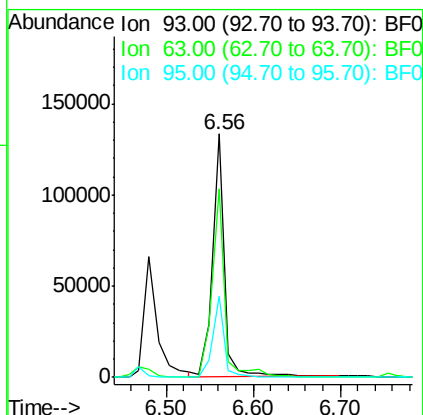
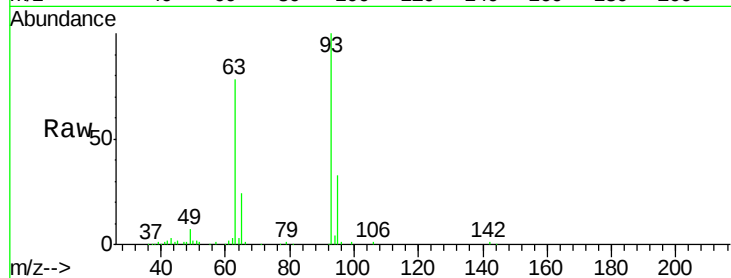




#11
bis(2-Chloroethyl)ether
Concen: 28.57 ng
RT: 6.56 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

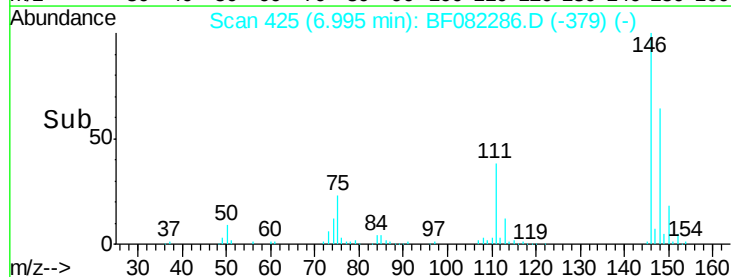
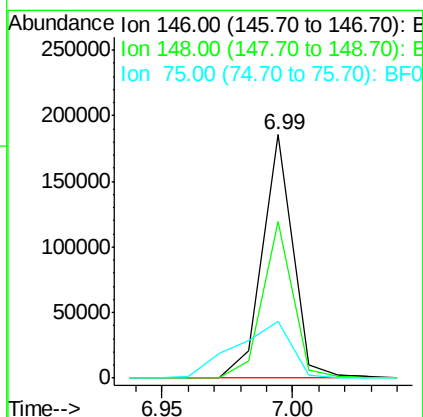
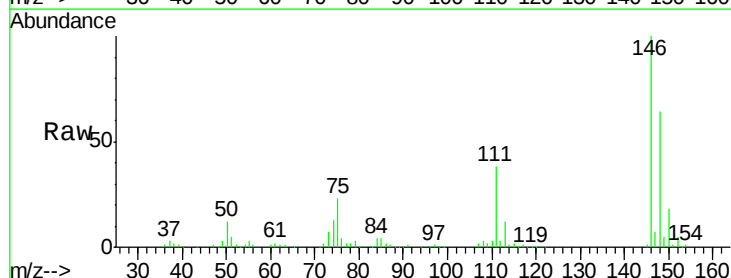
Instrument :
BNA_F
ClientSampleId :
CS-11MS

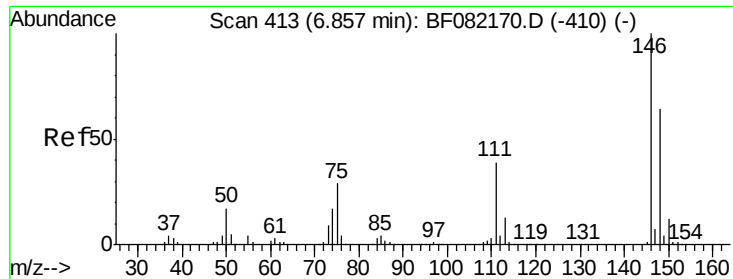
Tot Ion: 93 Resp: 128600
Ion Ratio Lower Upper
93 100
63 77.6 57.1 97.1
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 29.43 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.23 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion: 146 Resp: 148439
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
75 23.4 23.0 34.6

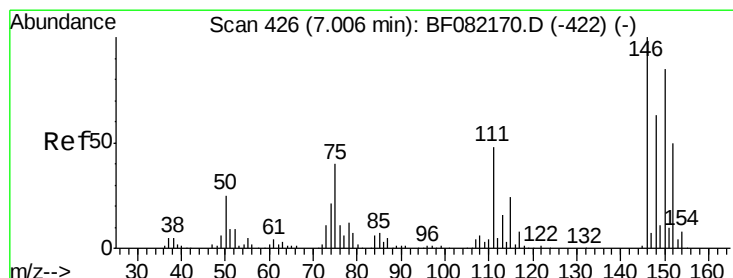
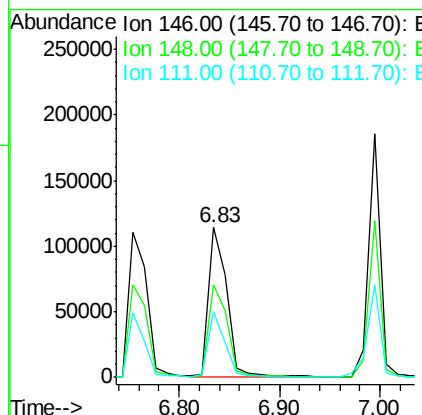
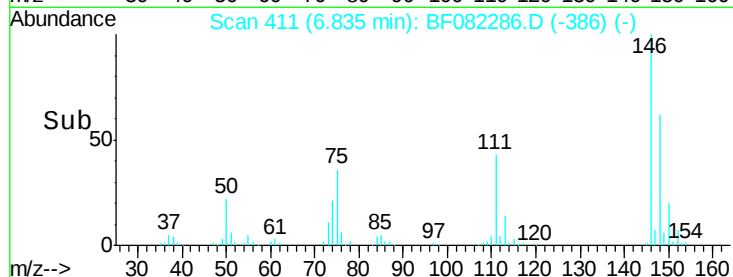
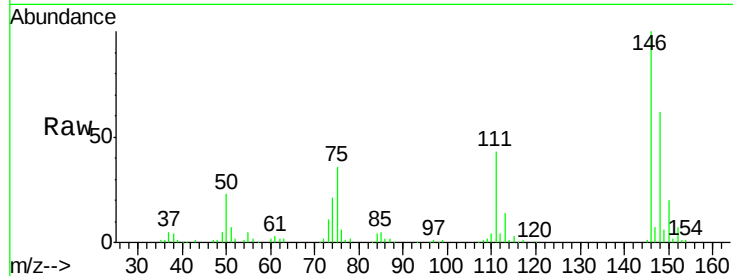




#13
 1,4-Dichlorobenzene
 Concen: 27.64 ng
 RT: 6.83 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

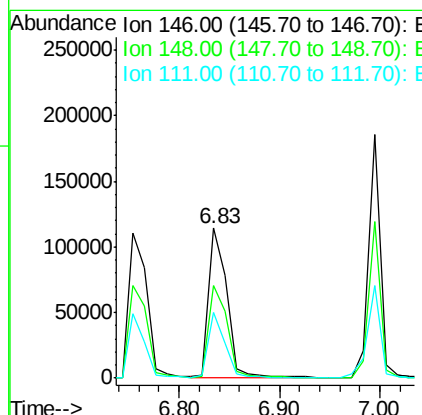
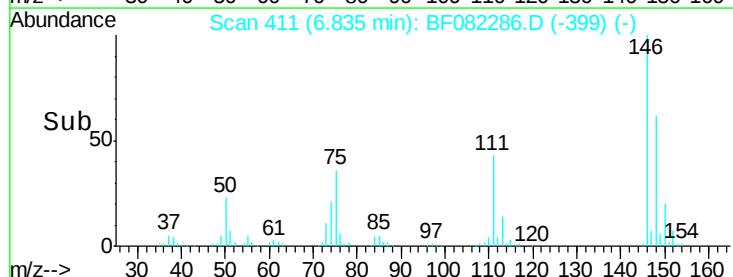
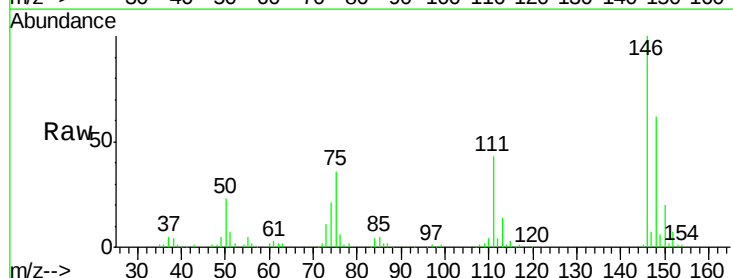
Instrument :
 BNA_F
 ClientSampled :
 CS-11MS

Tot Ion:146 Resp: 145572
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.0 76.4
 111 43.4 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 29.45 ng
 RT: 6.83 min Scan# 411
 Delta R.T. -0.16 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion:146 Resp: 147270
 Ion Ratio Lower Upper
 146 100
 148 62.0 50.5 75.7
 111 43.4 38.5 57.7





#15

Benzyl Alcohol

Concen: 34.51 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

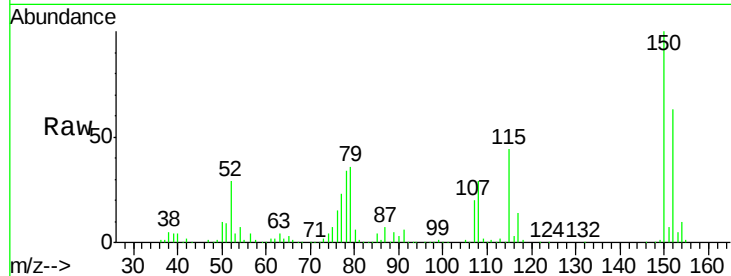
Tot Ion: 79 Resp: 109967

Ion Ratio Lower Upper

79 100

108 80.0 58.4 87.6

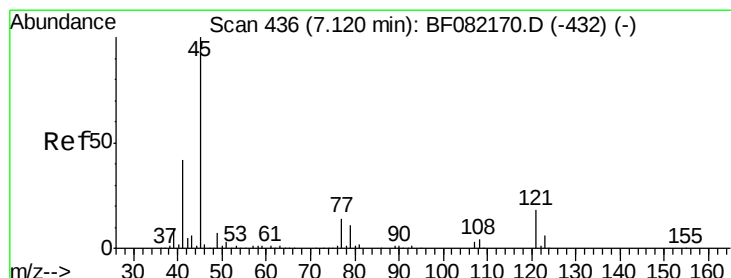
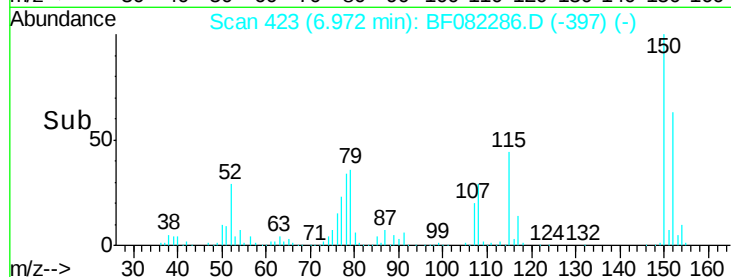
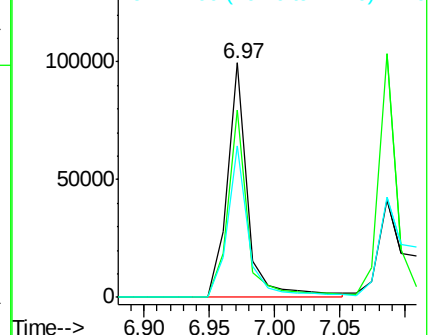
77 64.4 49.8 74.6



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: 31.94 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

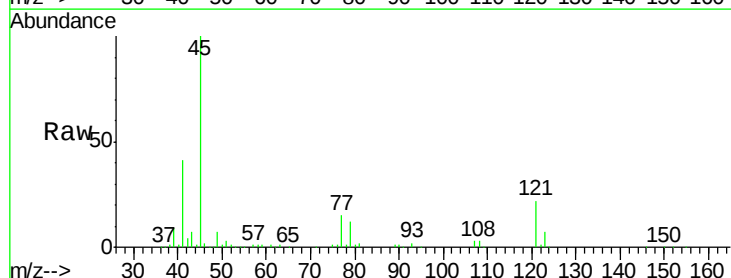
Tgt Ion: 45 Resp: 200177

Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.5

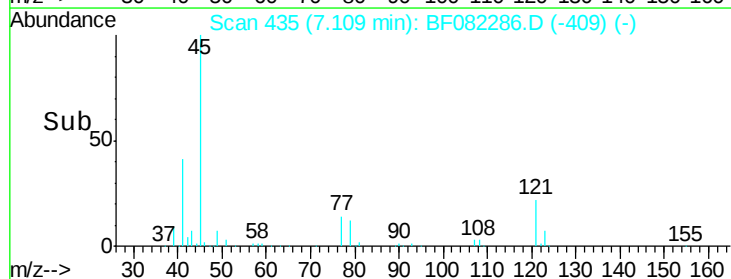
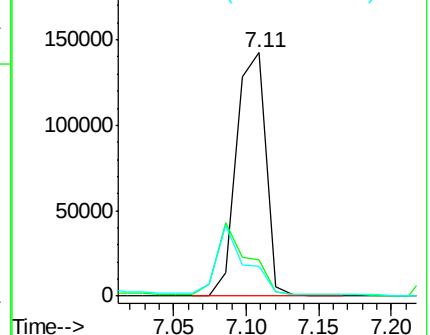
79 12.3 0.0 31.6

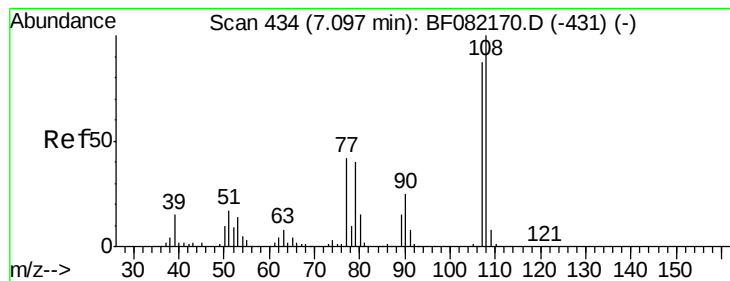


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

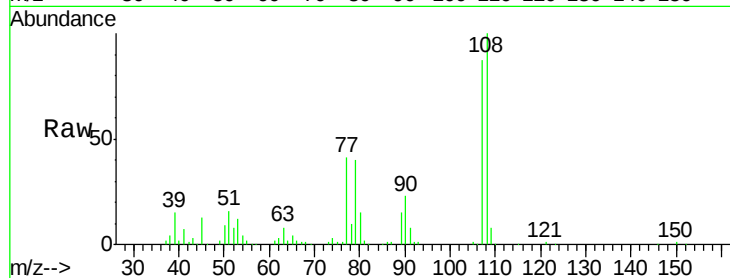




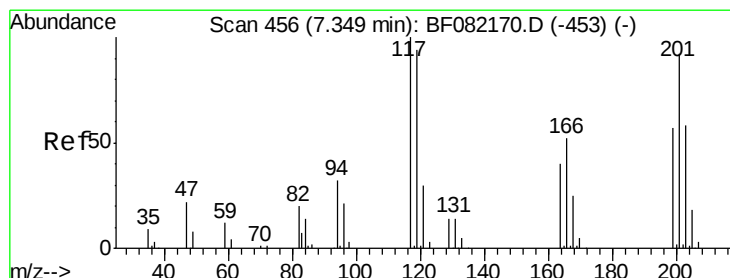
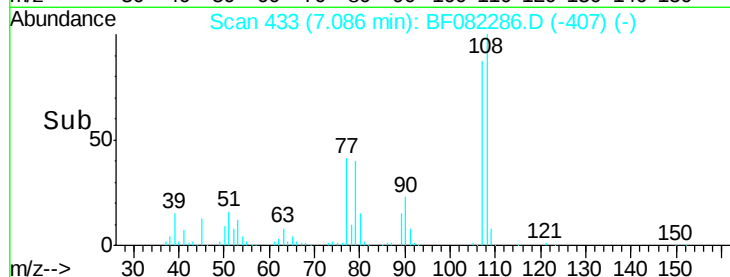
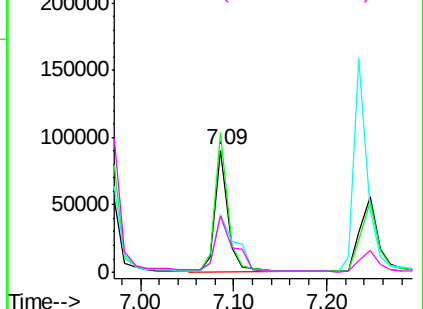
#17
2-Methylphenol
Concen: 25.72 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampled :
CS-11MS

Tot Ion:107 Resp: 88074
Ion Ratio Lower Upper
107 100
108 114.5 92.2 138.2
77 47.3 39.6 59.4
79 46.0 38.2 57.4

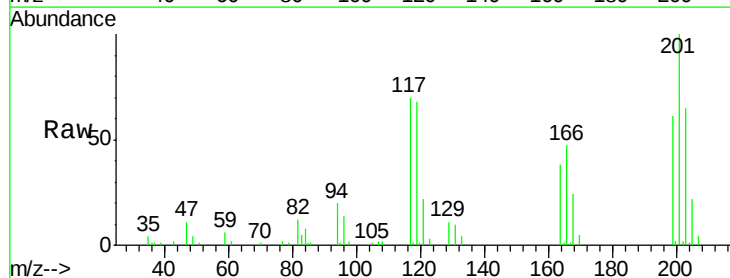


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

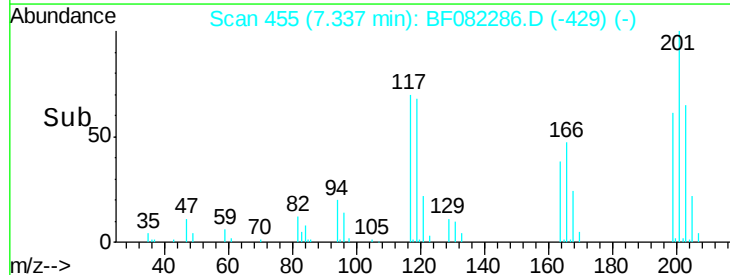
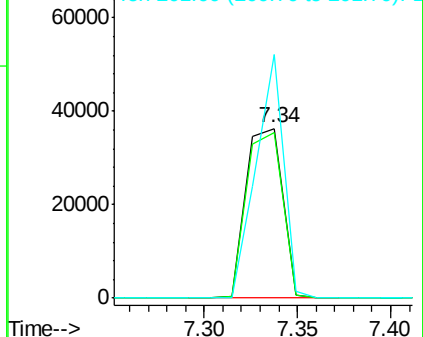


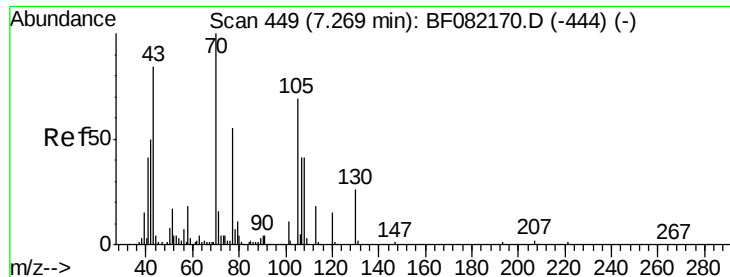
#18
Hexachloroethane
Concen: 27.42 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:117 Resp: 49424
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.2
201 143.6 73.4 110.0#



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

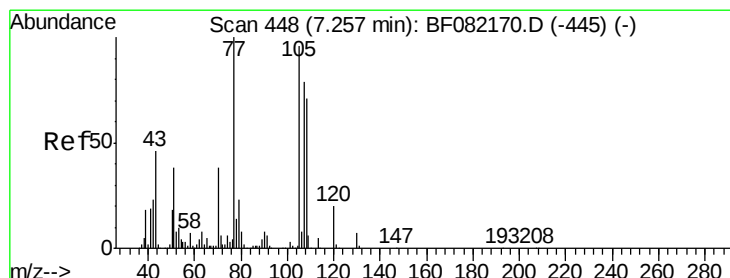
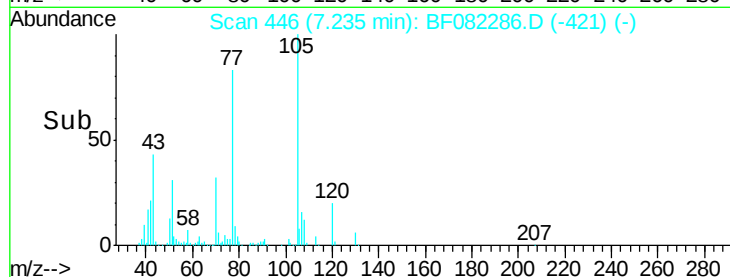
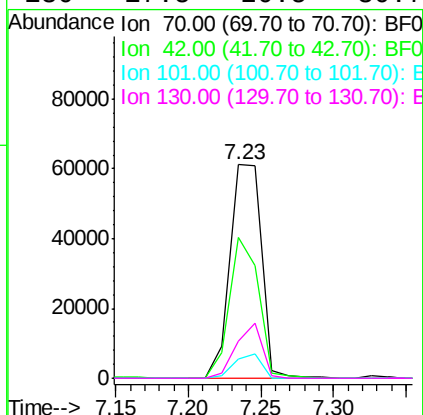
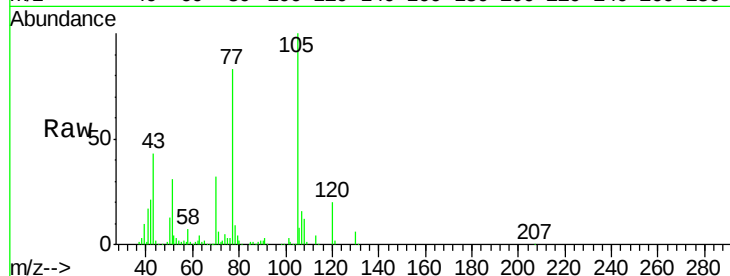




#19
n-Nitroso-di-n-propylamine
Concen: 28.66 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

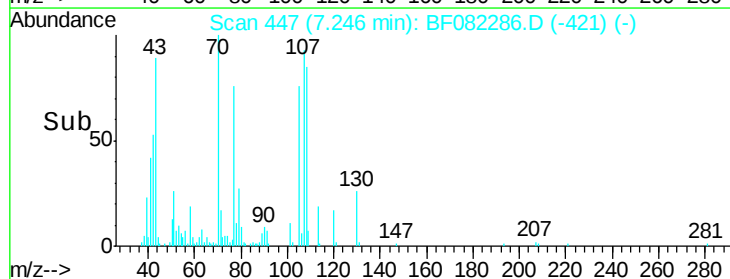
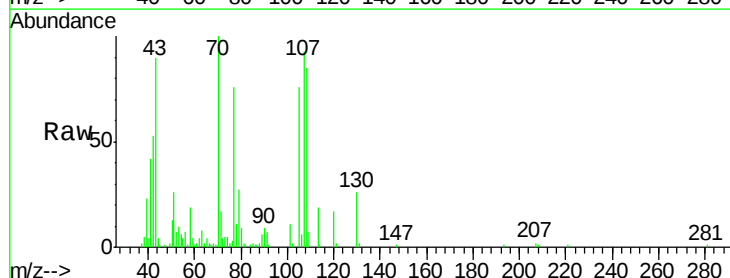
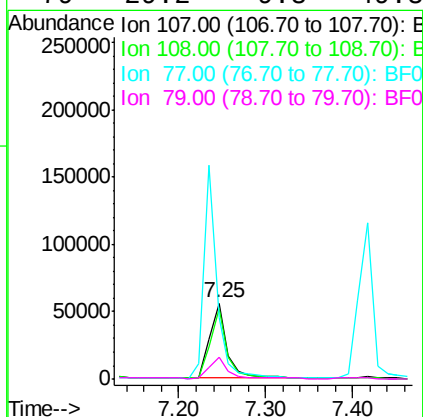
Instrument :
BNA_F
ClientSampleId :
CS-11MS

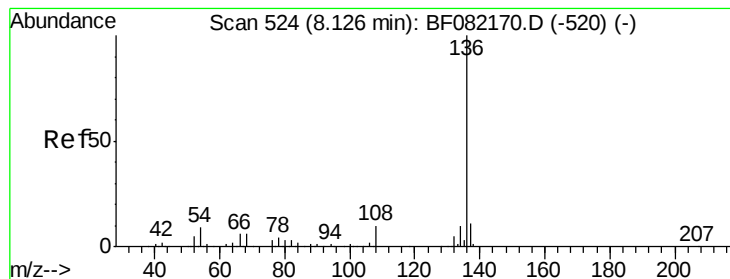
Tot Ion: 70 Resp: 92918
Ion Ratio Lower Upper
70 100
42 65.8 39.8 59.8#
101 9.3 8.6 13.0
130 17.5 20.5 30.7#



#20
3+4-Methylphenols
Concen: 19.41 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion: 107 Resp: 79202
Ion Ratio Lower Upper
107 100
108 92.2 69.9 109.9
77 81.7 106.0 146.0#
79 29.2 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

Tot Ion:136 Resp: 284815

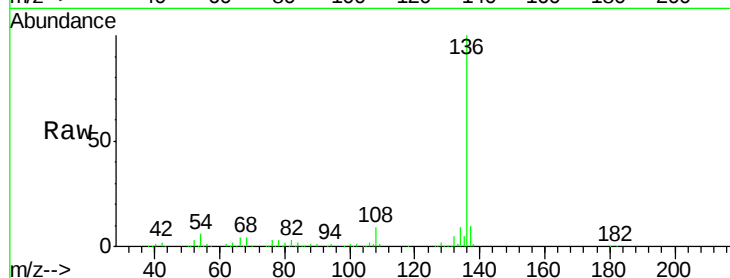
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.4 7.5 11.3#

68 4.1 4.6 7.0#

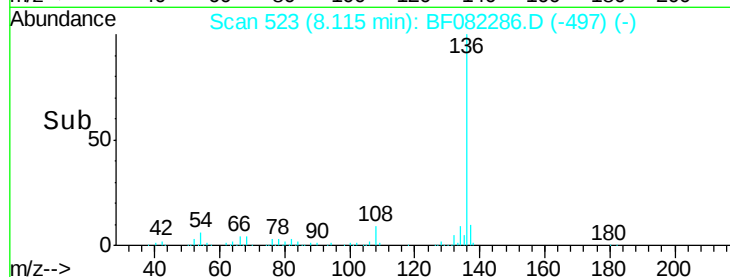


Abundance Ion 136.00 (135.70 to 136.70): E

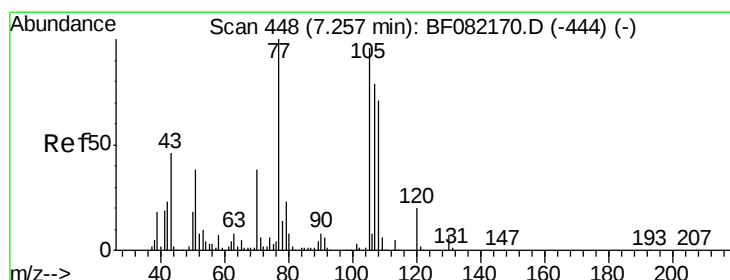
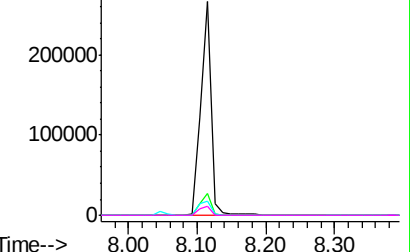
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 33.60 ng

RT: 7.23 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Tgt Ion:105 Resp: 189314

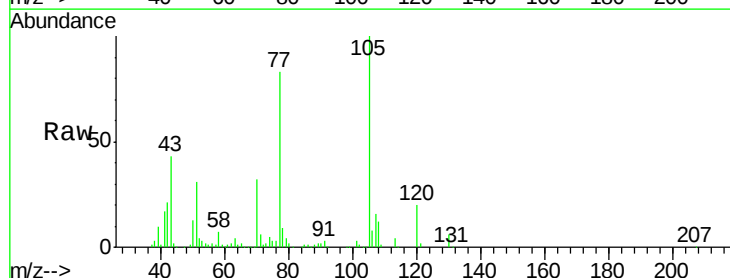
Ion Ratio Lower Upper

105 100

71 5.7 5.4 8.0

51 30.7 31.8 47.6#

120 20.1 16.3 24.5

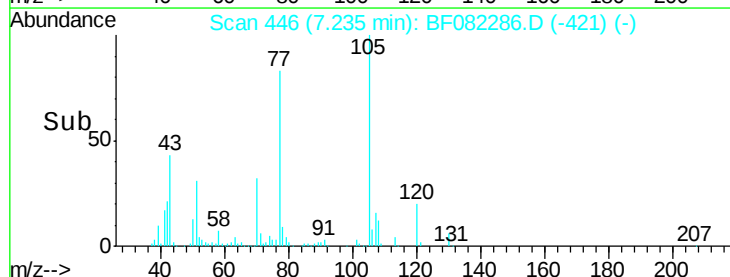


Abundance Ion 105.00 (104.70 to 105.70): E

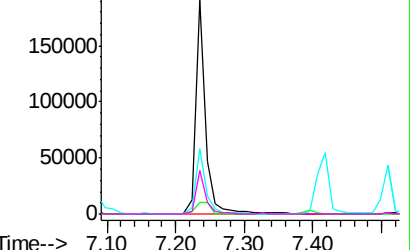
Ion 71.00 (70.70 to 71.70): BF0

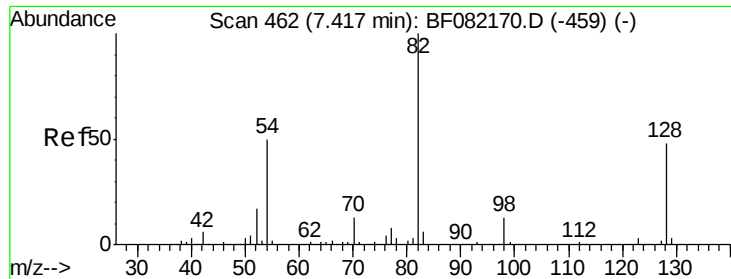
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

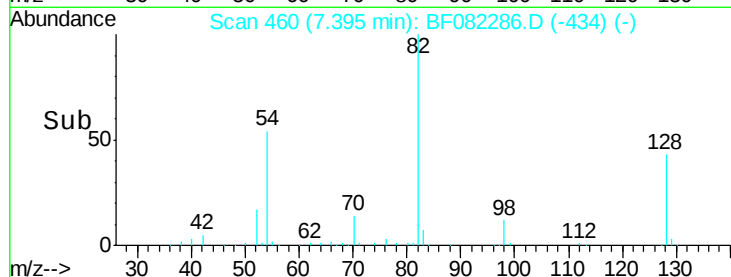
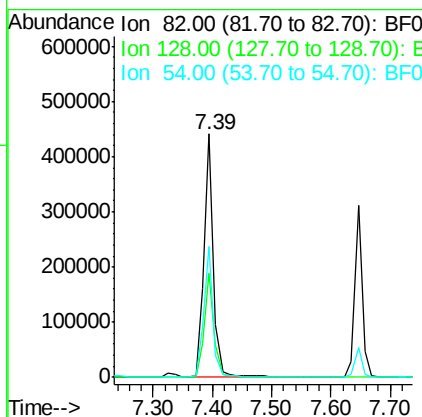
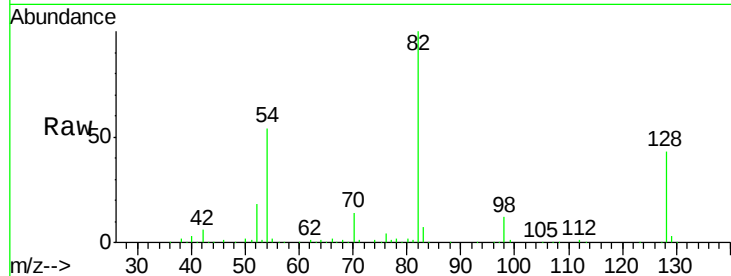




#23
 Nitrobenzene-d5
 Concen: 120.51 ng
 RT: 7.39 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

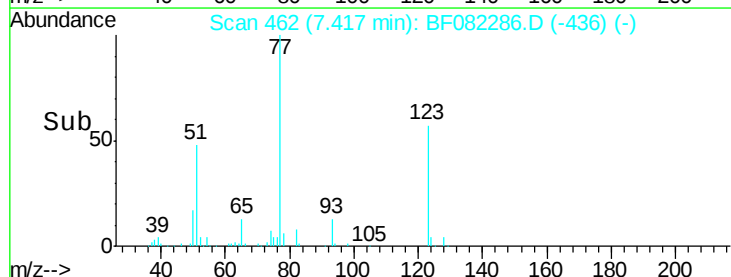
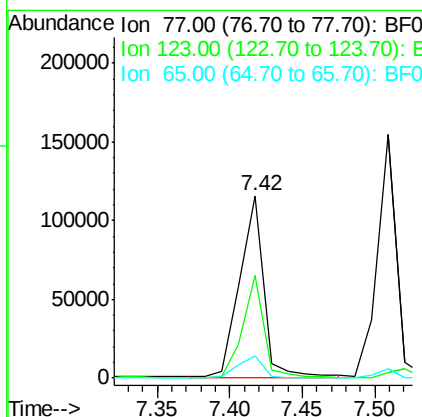
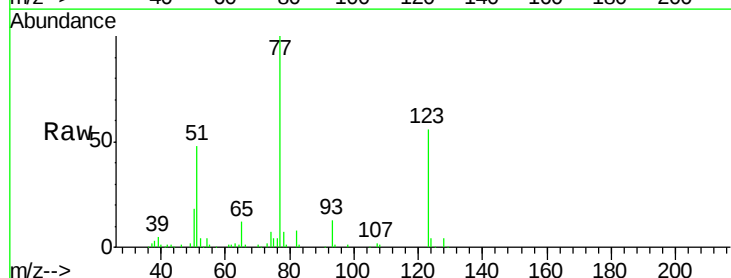
Instrument :
 BNA_F
 ClientSampleID :
 CS-11MS

Tot Ion: 82 Resp: 511082
 Ion Ratio Lower Upper
 82 100
 128 42.7 38.7 58.1
 54 53.8 40.1 60.1



#24
 Nitrobenzene
 Concen: 28.85 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion: 77 Resp: 132445
 Ion Ratio Lower Upper
 77 100
 123 56.4 33.0 49.4#
 65 12.4 11.2 16.8





#25

Isophorone

Concen: 30.99 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

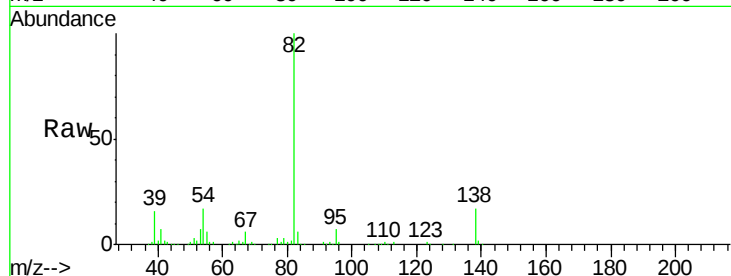
Tot Ion: 82 Resp: 265311

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

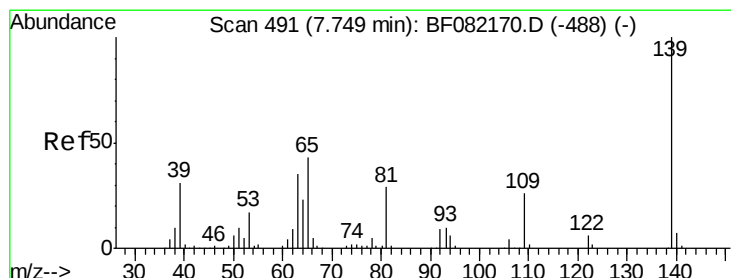
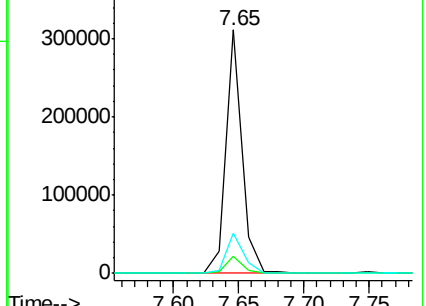
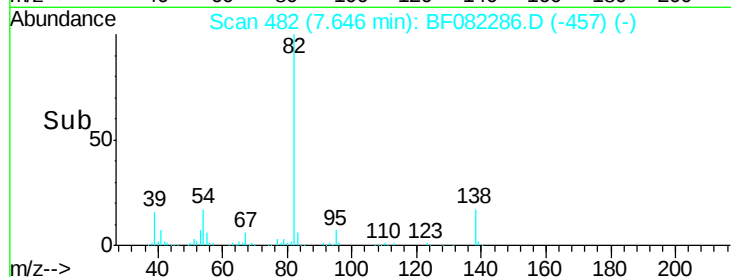
138 16.6 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.08 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.09 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

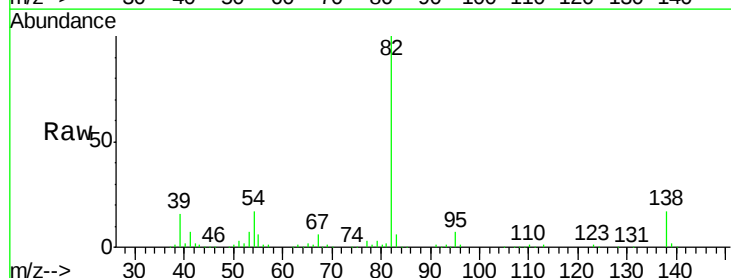
Tgt Ion: 139 Resp: 4771

Ion Ratio Lower Upper

139 100

109 19.7 20.6 31.0#

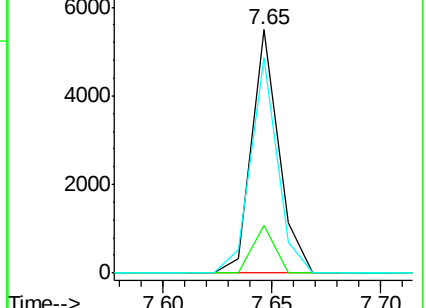
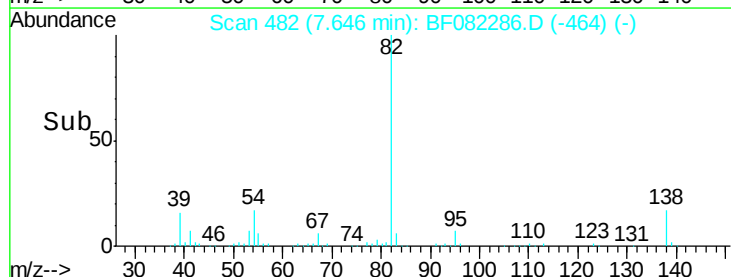
65 88.7 34.3 51.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

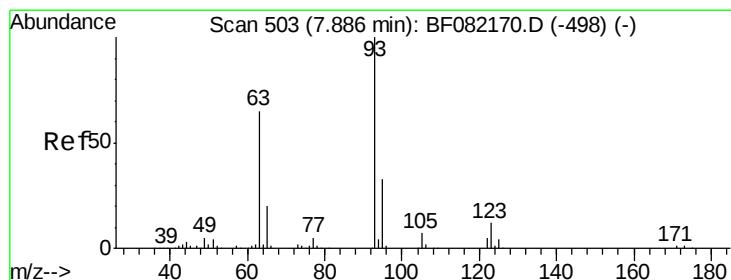
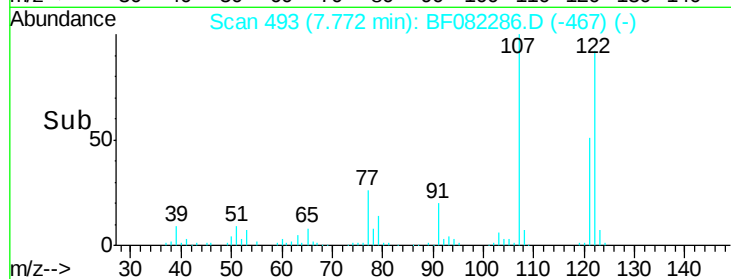
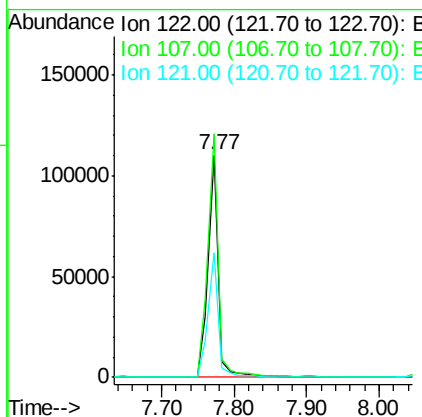
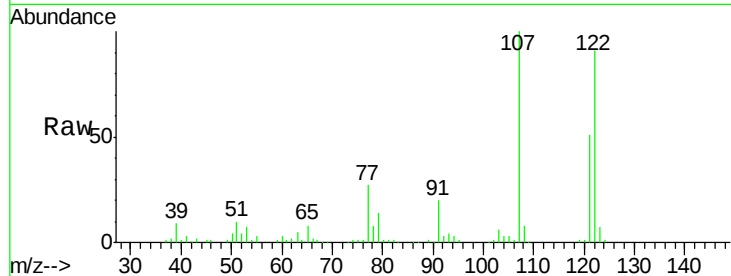




#27
 2,4-Dimethylphenol
 Concen: 29.69 ng
 RT: 7.77 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

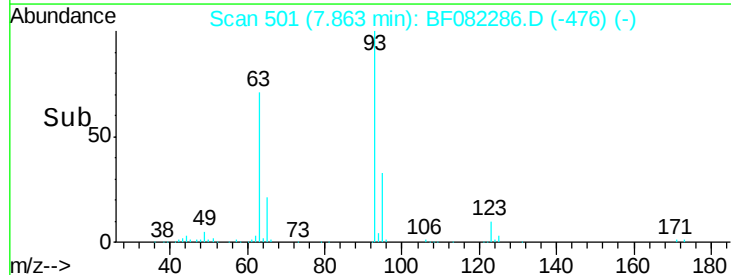
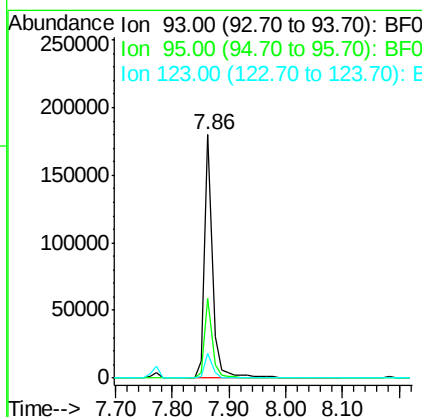
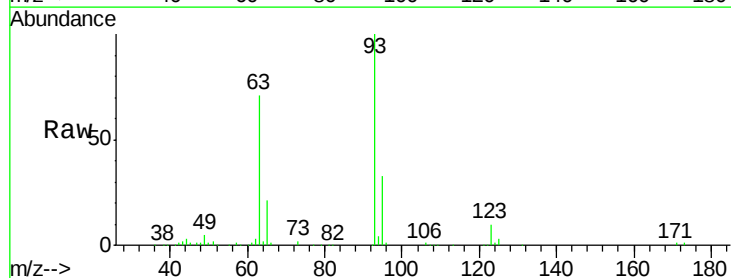
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

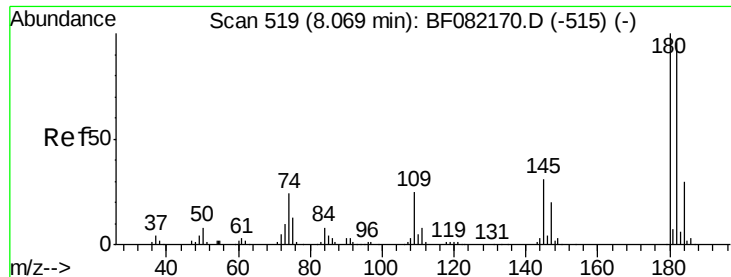
Tot Ion:122 Resp: 109630
 Ion Ratio Lower Upper
 122 100
 107 109.6 94.0 141.0
 121 56.2 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.06 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion: 93 Resp: 169623
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 10.1 9.5 14.3

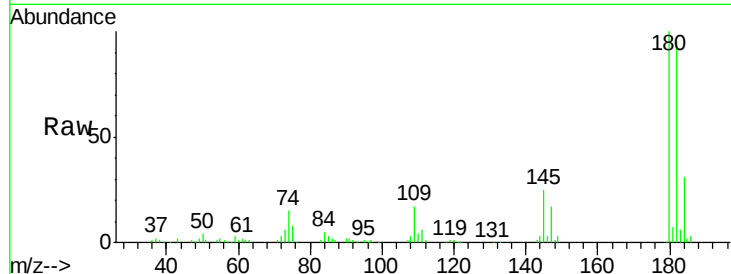




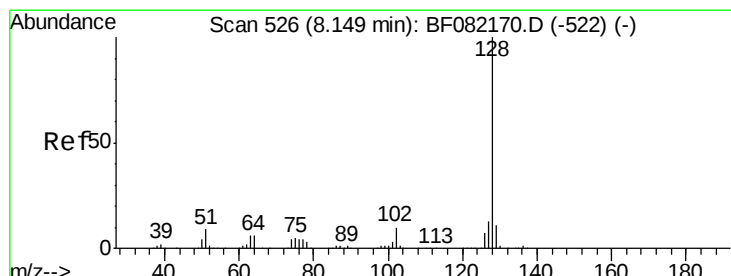
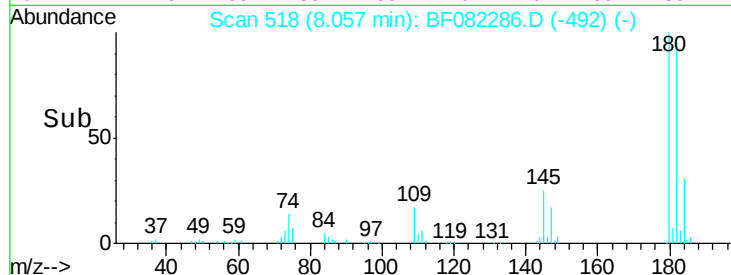
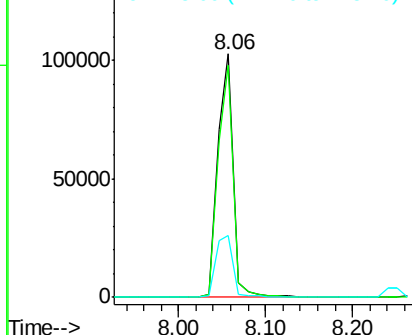
#30
1,2,4-Trichlorobenzene
Concen: 30.23 ng
RT: 8.06 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:180 Resp: 128644
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.4
145 25.4 25.0 37.4

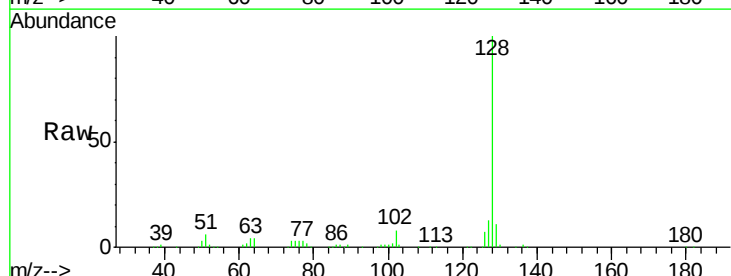


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

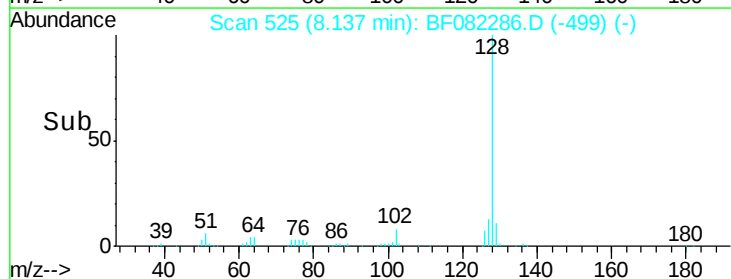
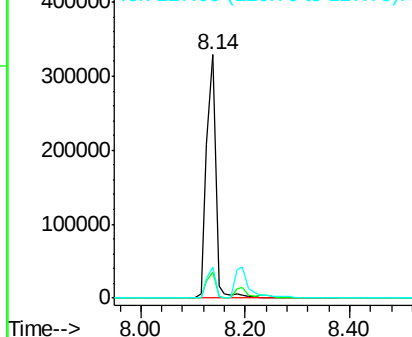


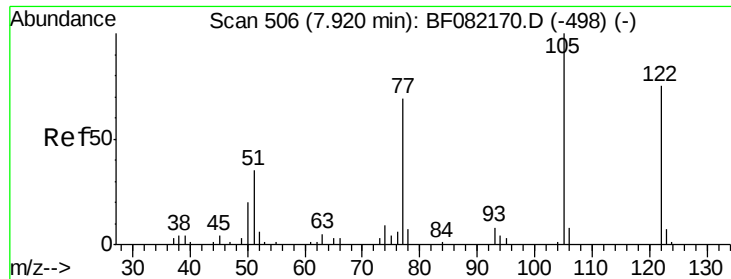
#31
Naphthalene
Concen: 32.83 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:128 Resp: 405372
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 12.9 10.7 16.1



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

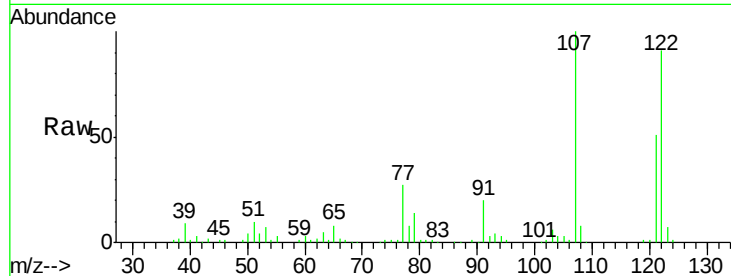




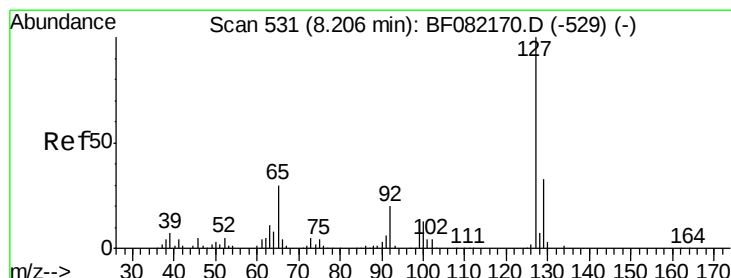
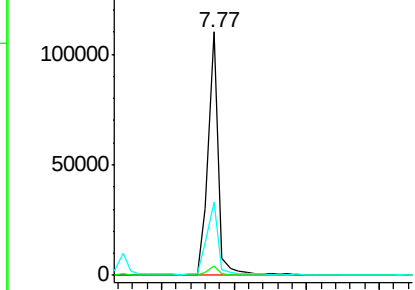
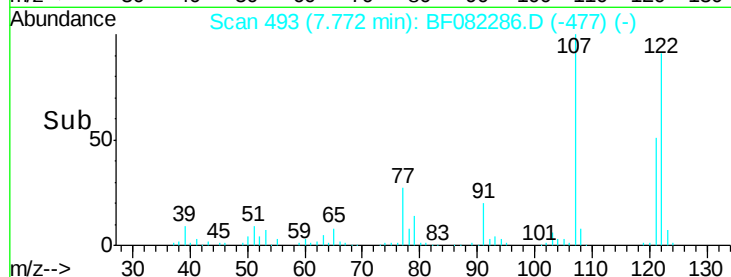
#32
Benzoic acid
Concen: 44.23 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.11 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:122 Resp: 109630
Ion Ratio Lower Upper
122 100
105 3.6 104.4 144.4#
77 30.1 69.0 109.0#

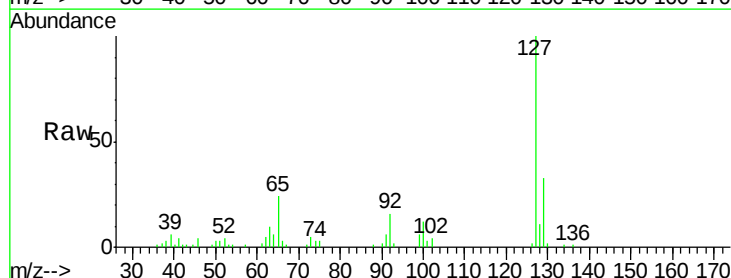


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

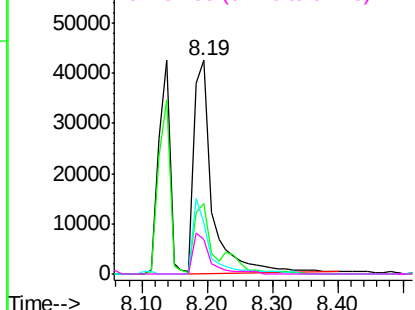
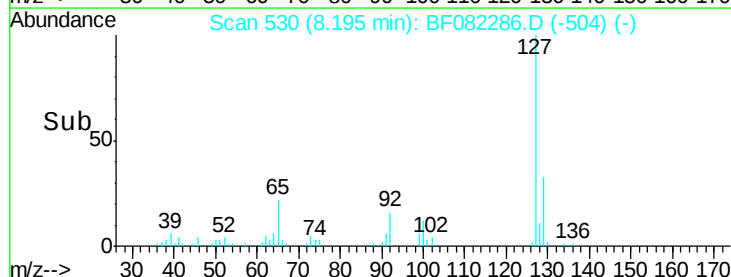


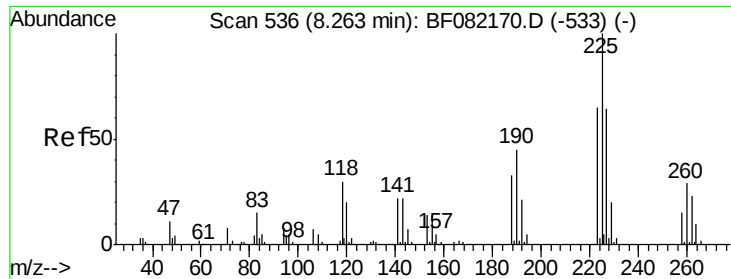
#33
4-Chloroaniline
Concen: 15.88 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:127 Resp: 81402
Ion Ratio Lower Upper
127 100
129 32.8 26.3 39.5
65 24.3 24.4 36.6#
92 16.0 15.7 23.5



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: 31.18 ng

RT: 8.25 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

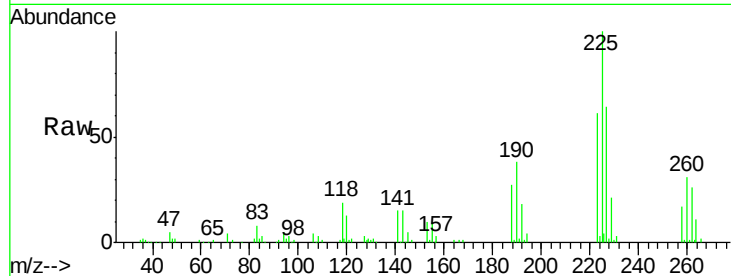
Tot Ion:225 Resp: 82686

Ion Ratio Lower Upper

225 100

223 60.9 52.2 78.2

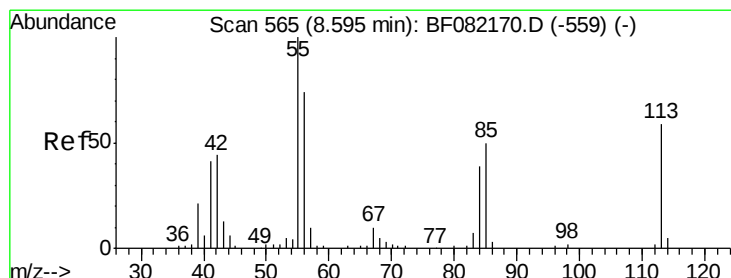
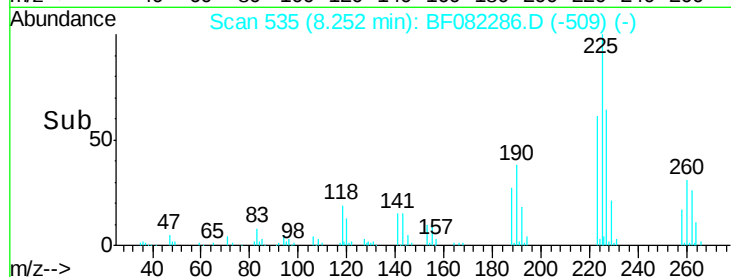
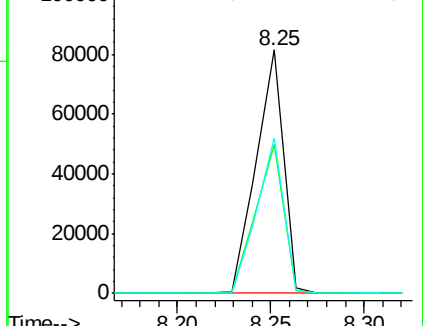
227 63.8 51.3 76.9



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: 24.49 ng

RT: 8.53 min Scan# 559

Delta R.T. -0.06 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

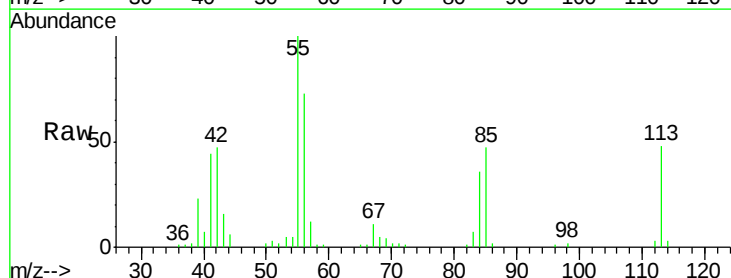
Tgt Ion:113 Resp: 26237

Ion Ratio Lower Upper

113 100

55 207.7 149.7 189.7#

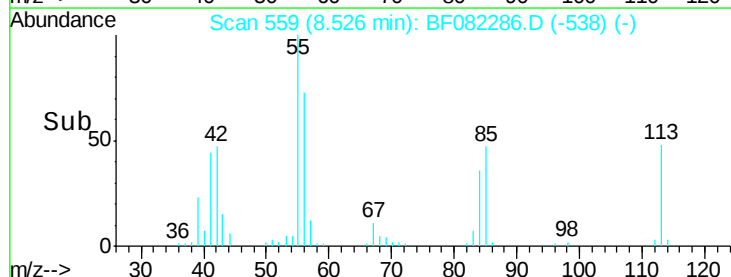
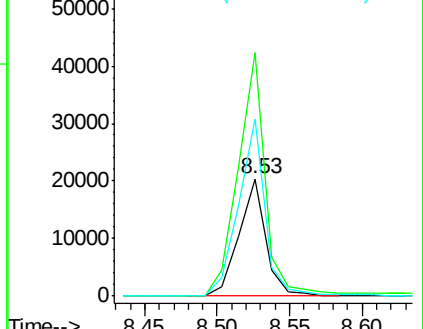
56 151.2 105.4 145.4#

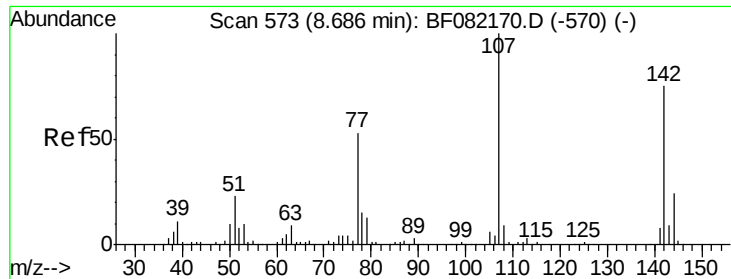


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

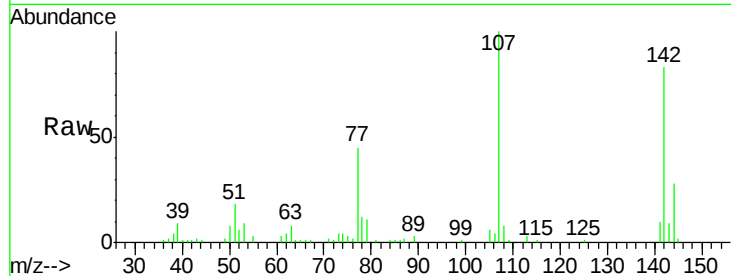




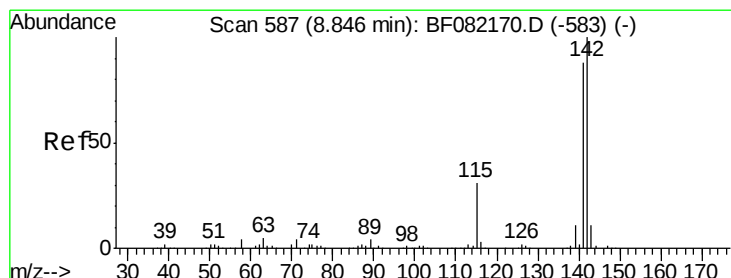
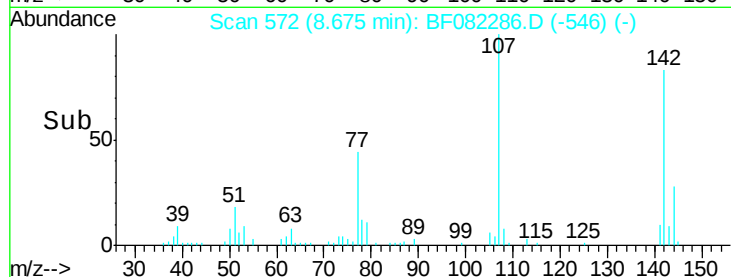
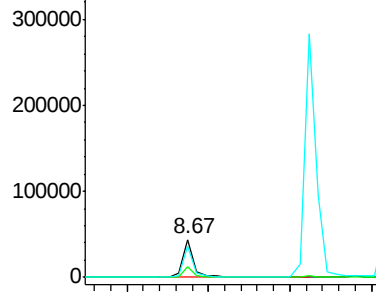
#36
4-Chloro-3-methylphenol
Concen: 11.95 ng
RT: 8.67 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:107 Resp: 43141
Ion Ratio Lower Upper
107 100
144 27.5 19.3 28.9
142 83.1 59.9 89.9

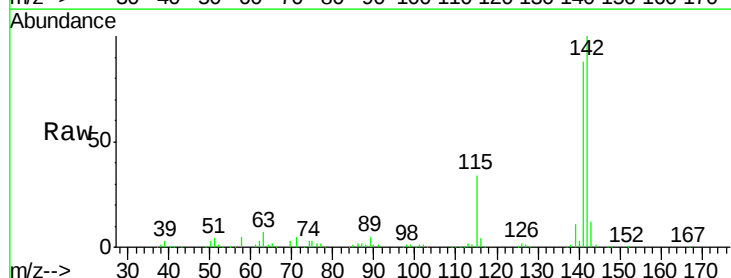


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

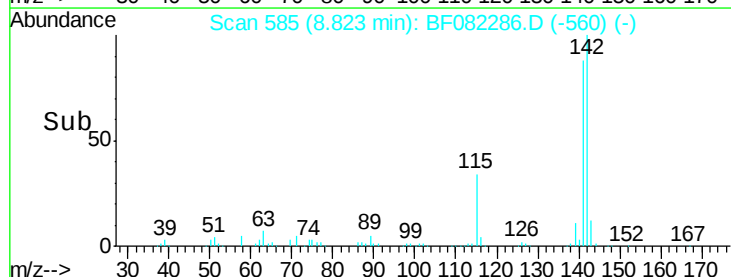
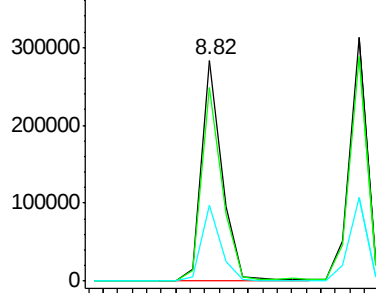


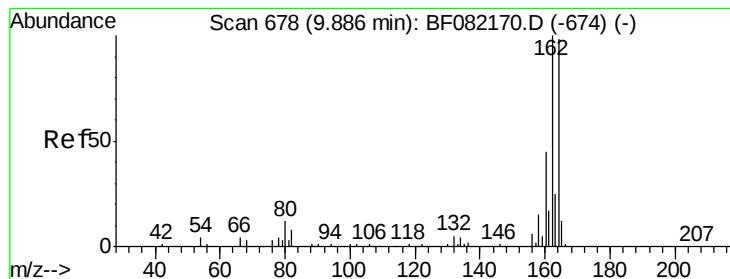
#37
2-Methylnaphthalene
Concen: 32.87 ng
RT: 8.82 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:142 Resp: 281336
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 34.3 24.6 37.0



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: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

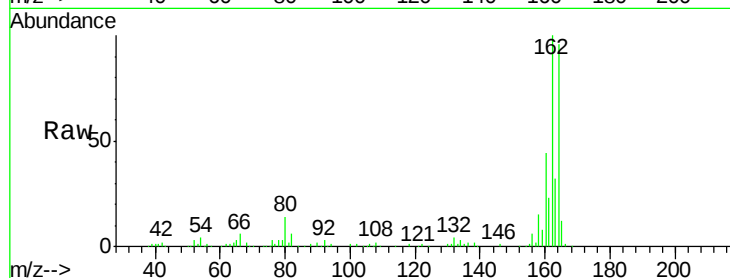
Tot Ion:164 Resp: 150885

Ion Ratio Lower Upper

164 100

162 104.5 81.6 122.4

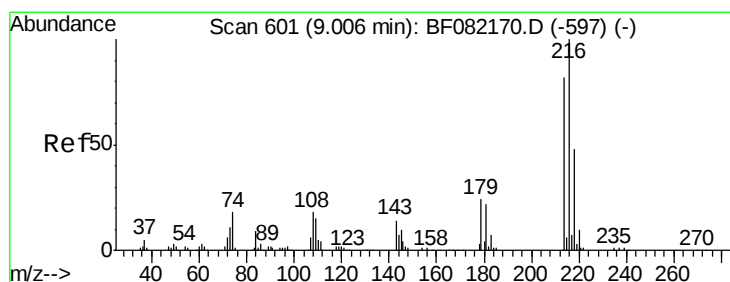
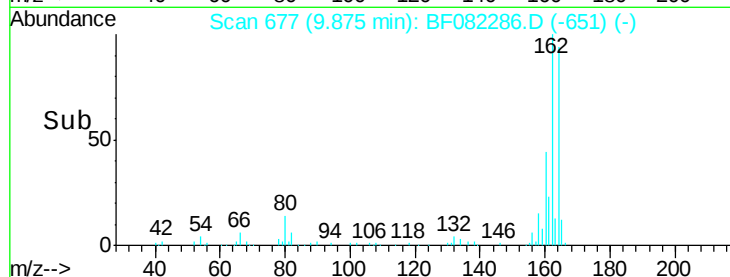
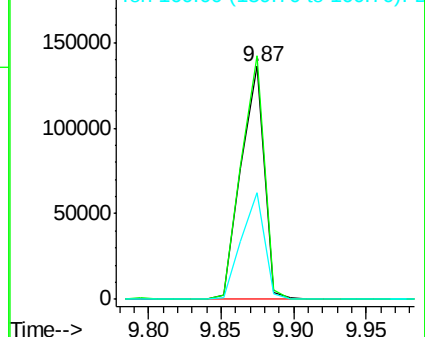
160 45.6 36.4 54.6



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: 32.78 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Tgt Ion:216 Resp: 147132

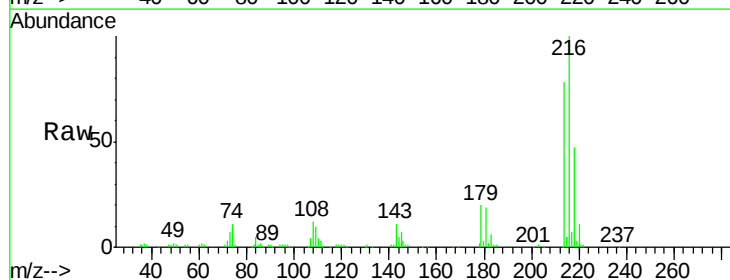
Ion Ratio Lower Upper

216 100

214 78.1 64.6 97.0

179 20.6 17.6 26.4

108 16.3 14.5 21.7

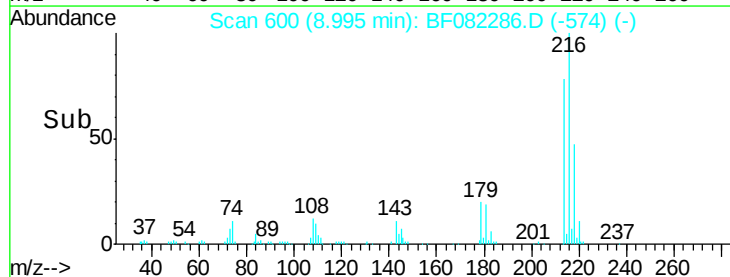
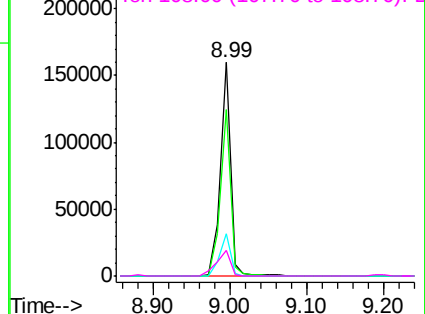


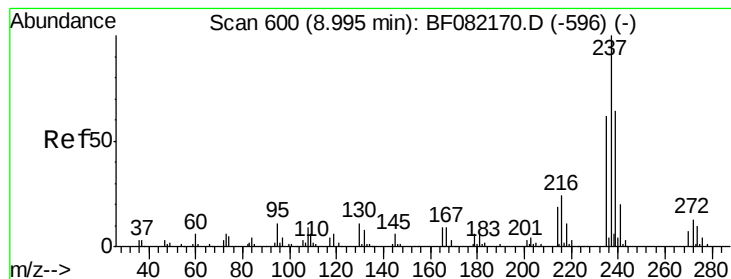
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.99 ng

RT: 8.97 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

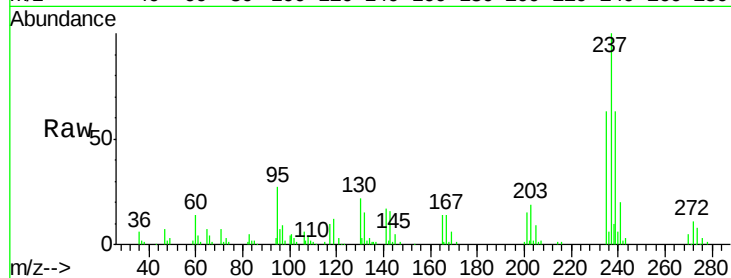
Tot Ion:237 Resp: 90430

Ion Ratio Lower Upper

237 100

235 63.2 41.7 81.7

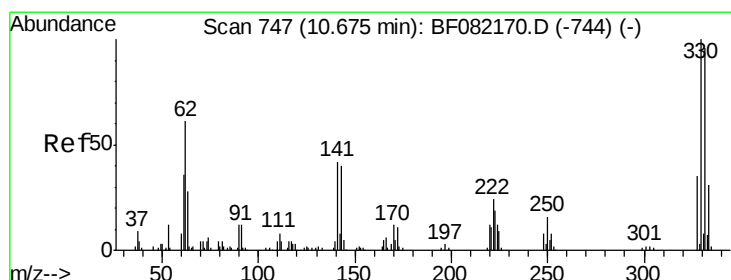
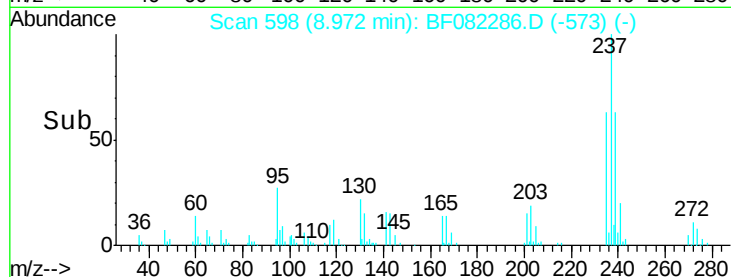
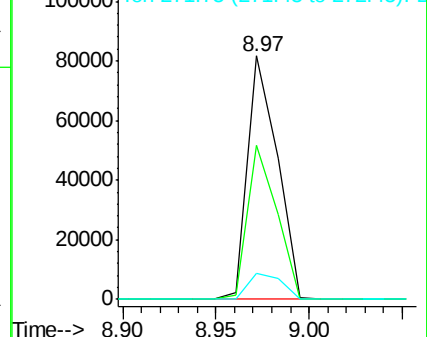
272 10.6 0.0 32.8



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



#41

2,4,6-Tribromophenol

Concen: 0.49 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

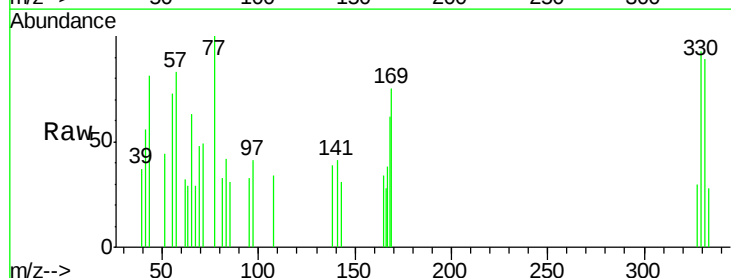
Tgt Ion:330 Resp: 696

Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

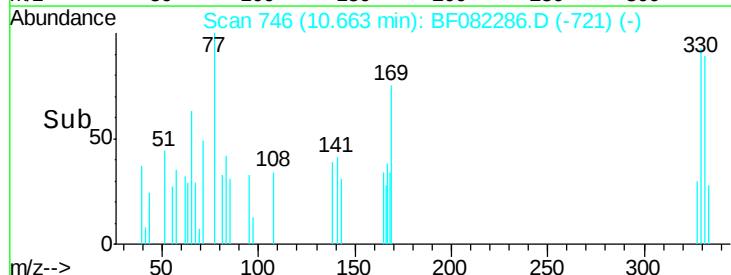
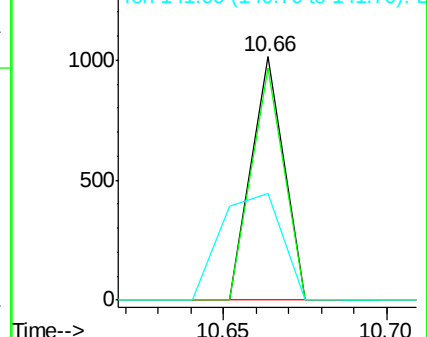
141 0.0 29.8 44.8#

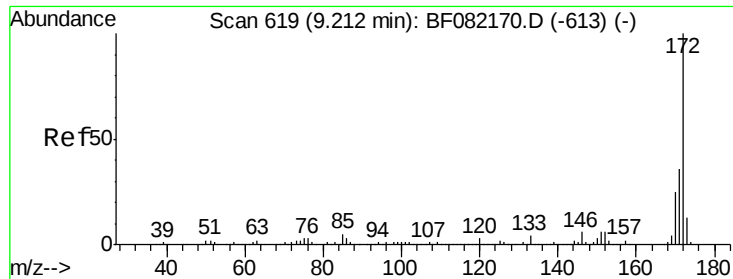


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



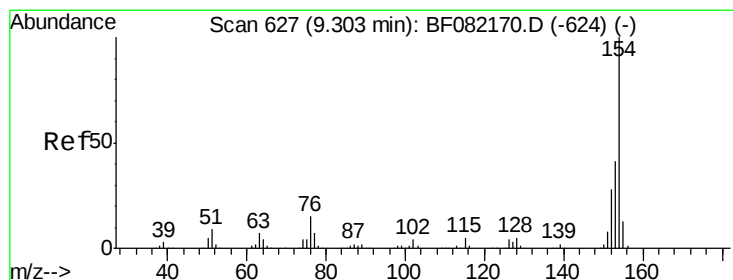
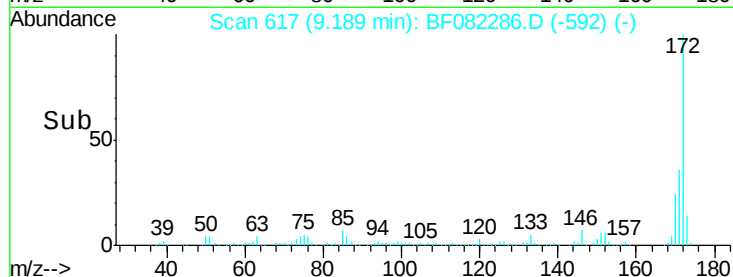
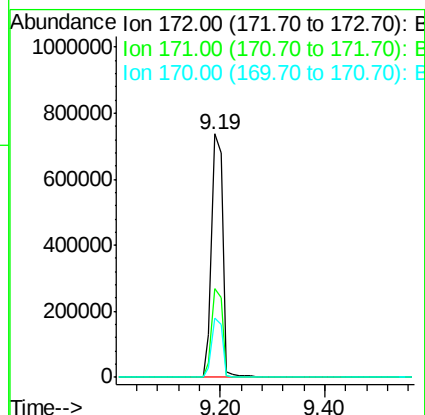
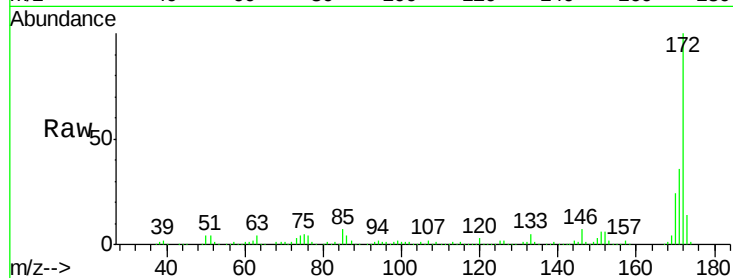


#44
 2-Fluorobiphenyl
 Concen: 120.91 ng
 RT: 9.19 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Instrument :
 BNA_F
 ClientSampleID :
 CS-11MS

Tot Ion:172 Resp: 1100084

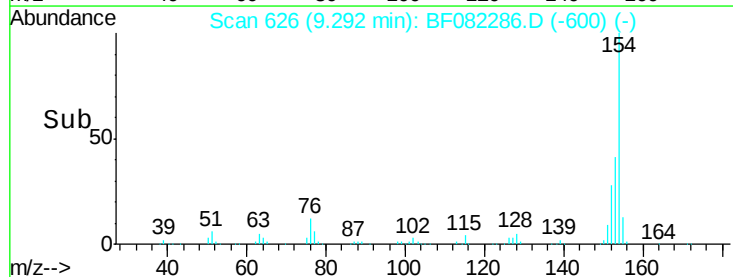
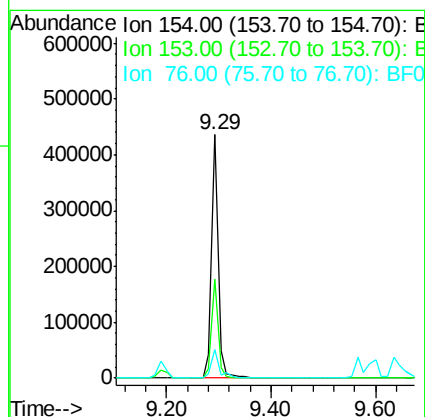
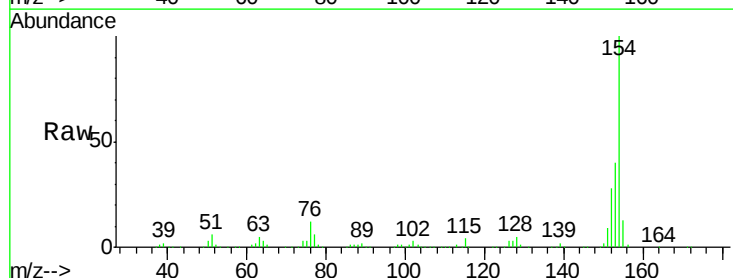
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.4	19.7	29.5

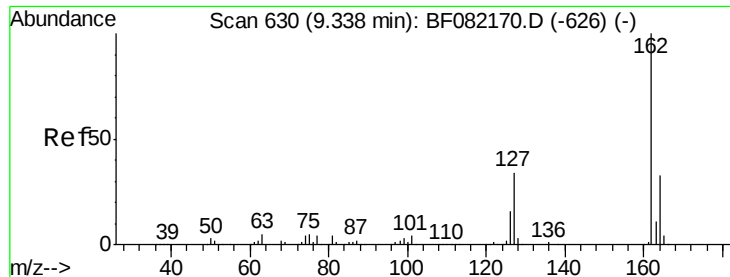


#45
 1,1'-Biphenyl
 Concen: 32.95 ng
 RT: 9.29 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion:154 Resp: 379126

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	11.8	0.0	35.2

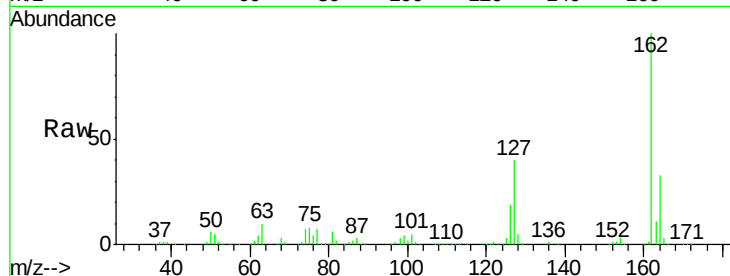




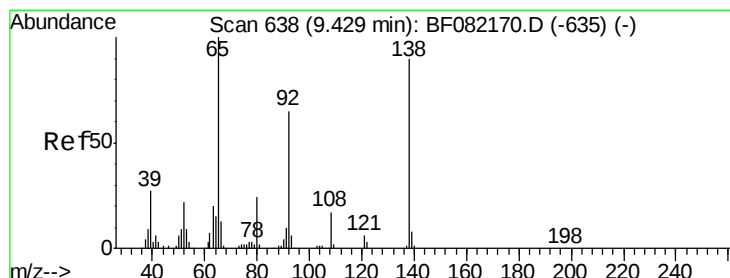
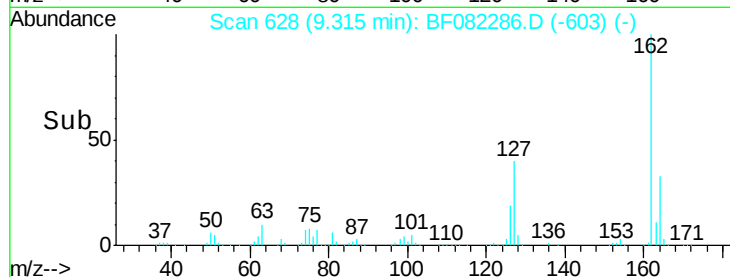
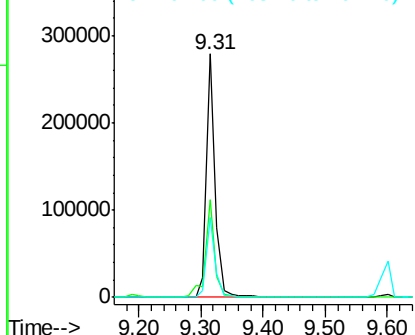
#46
2-Chloronaphthalene
Concen: 30.68 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:162 Resp: 277899
Ion Ratio Lower Upper
162 100
127 40.3 27.5 41.3
164 32.5 26.6 39.8

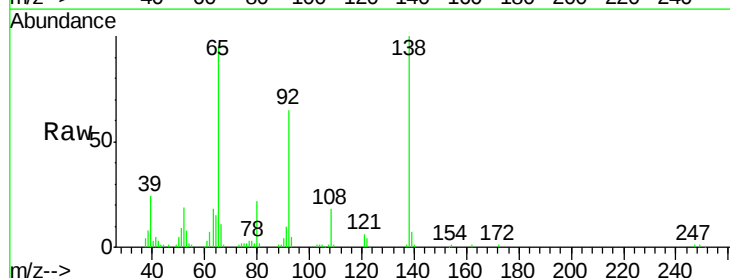


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

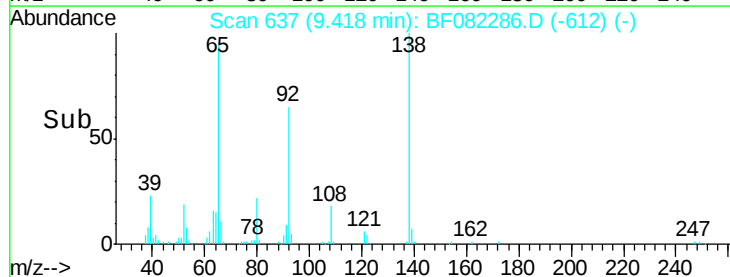
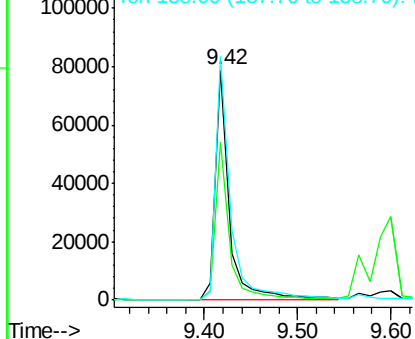


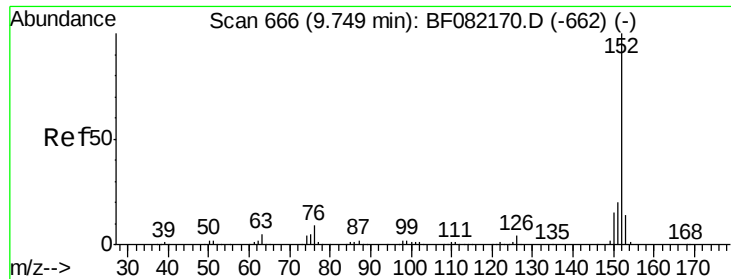
#47
2-Nitroaniline
Concen: 33.57 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion: 65 Resp: 83465
Ion Ratio Lower Upper
65 100
92 68.5 52.3 78.5
138 105.8 72.2 108.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 32.02 ng

RT: 9.74 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

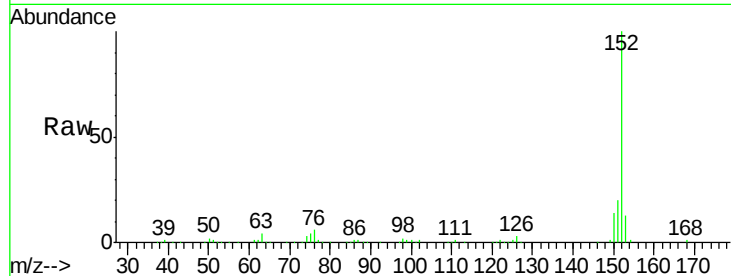
Tot Ion:152 Resp: 451758

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

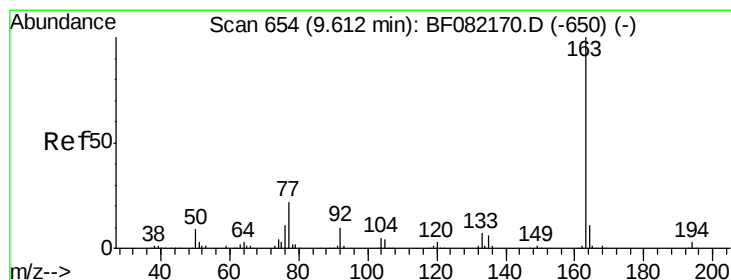
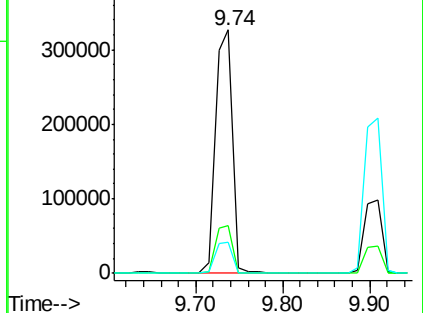
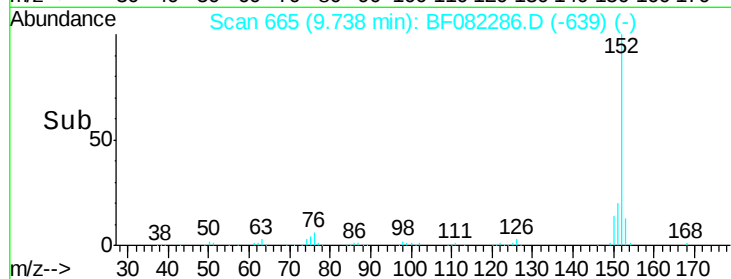
153 12.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.94 ng

RT: 9.60 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

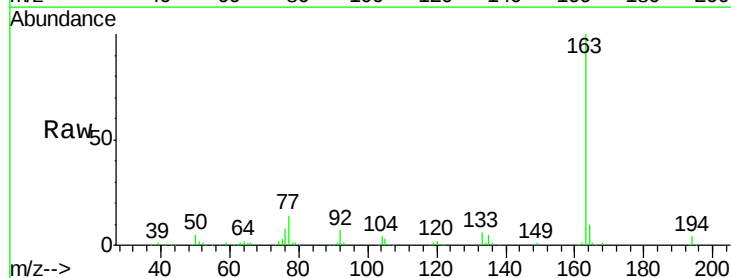
Tgt Ion:163 Resp: 456284

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

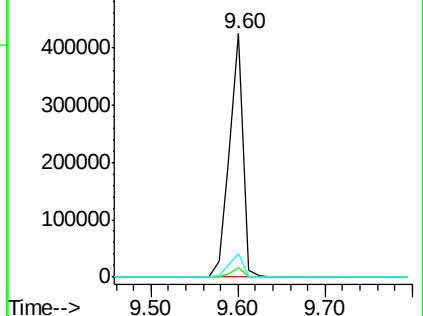
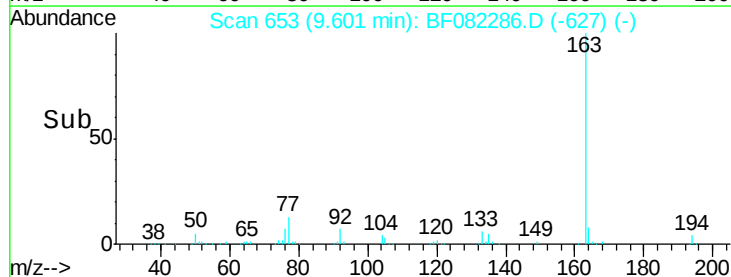
164 9.9 8.5 12.7

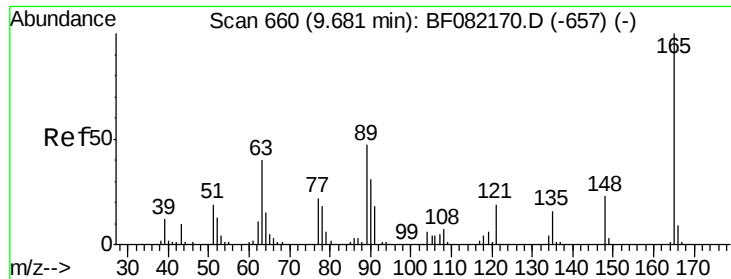


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

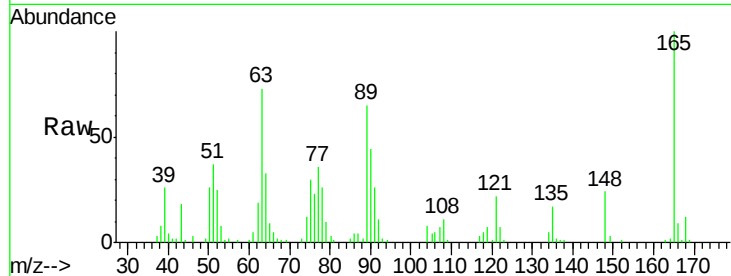




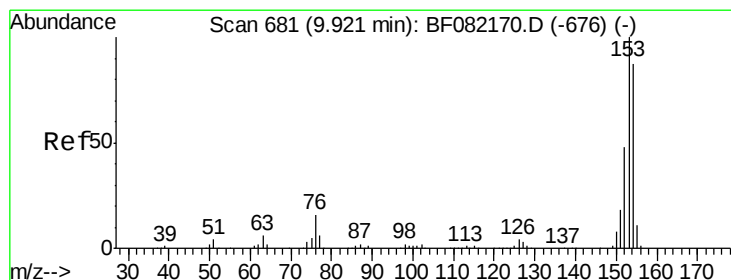
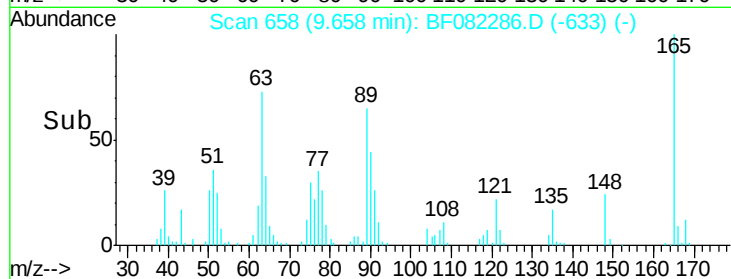
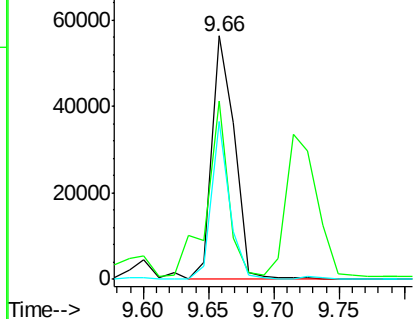
#50
 2,6-Dinitrotoluene
 Concen: 30.57 ng
 RT: 9.66 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

Tot Ion:165 Resp: 68536
 Ion Ratio Lower Upper
 165 100
 63 73.0 36.7 55.1#
 89 64.7 37.8 56.6#

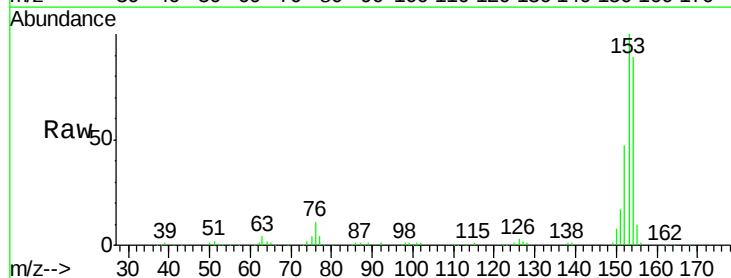


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

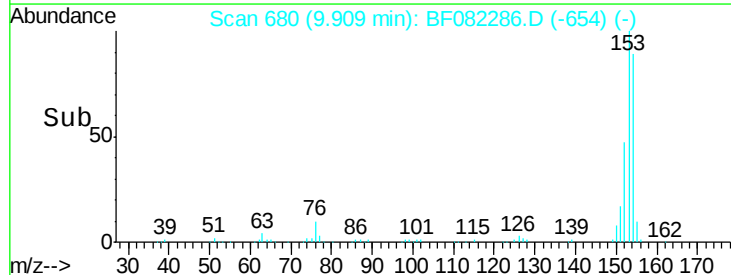
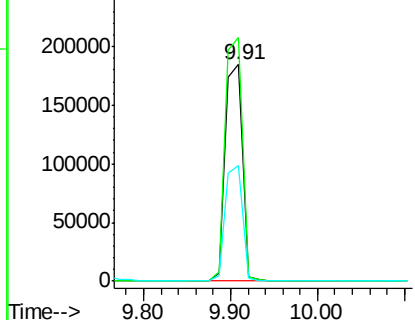


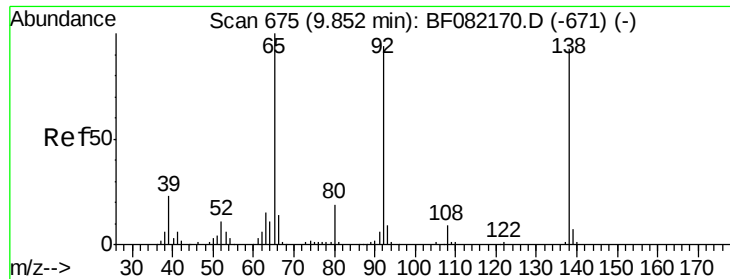
#51
 Acenaphthene
 Concen: 30.24 ng
 RT: 9.91 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion:154 Resp: 256110
 Ion Ratio Lower Upper
 154 100
 153 112.4 91.4 137.2
 152 53.3 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 24.73 ng

RT: 9.83 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

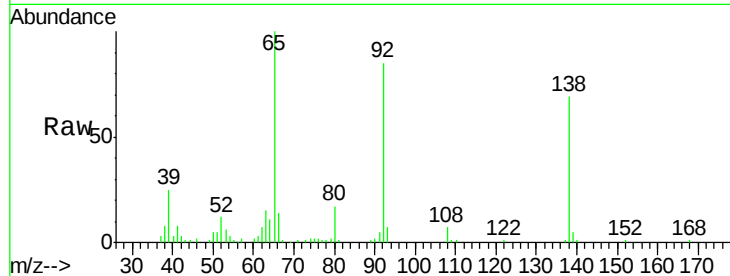
Tot Ion:138 Resp: 62625

Ion Ratio Lower Upper

138 100

108 10.6 7.4 11.0

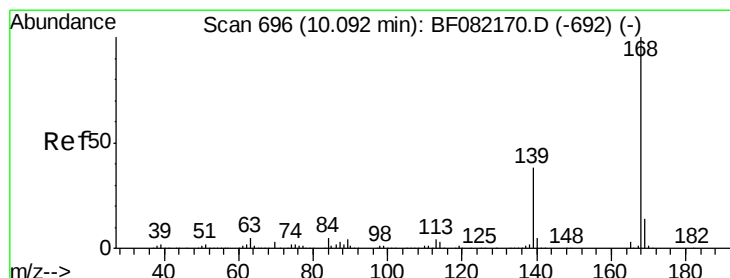
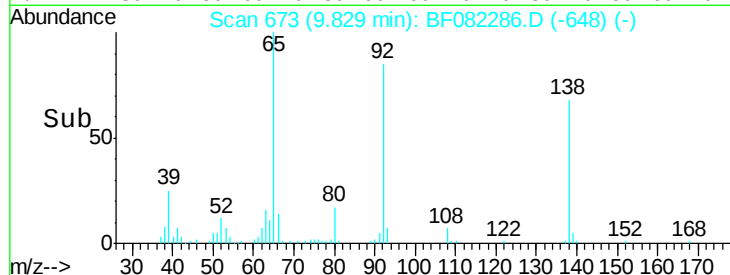
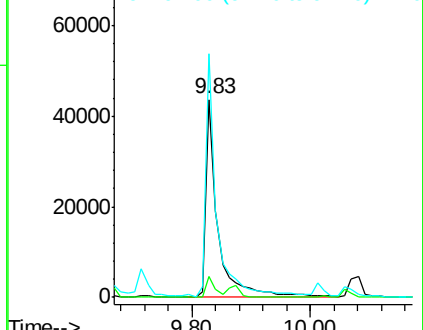
92 123.0 81.3 121.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 35.36 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

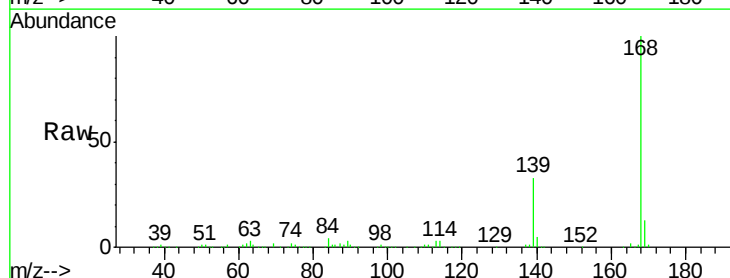
Tgt Ion:168 Resp: 411247

Ion Ratio Lower Upper

168 100

139 33.1 31.0 46.6

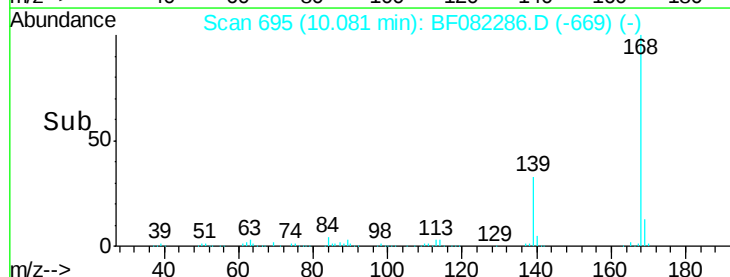
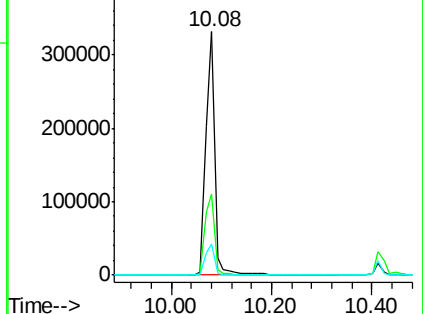
169 13.0 10.9 16.3

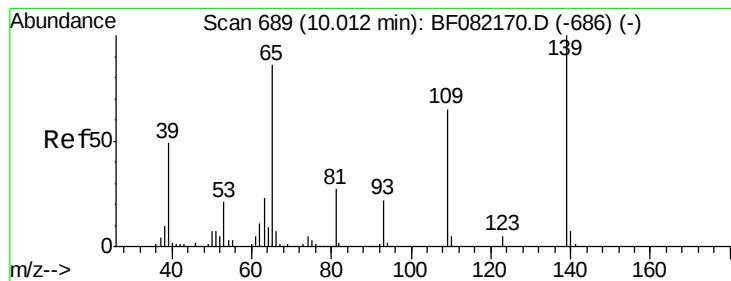


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 83.61 ng

RT: 10.08 min Scan# 695

Delta R.T. 0.08 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampled :

CS-11MS

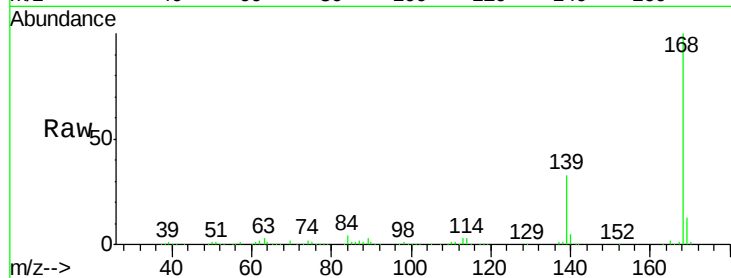
Tot Ion:139 Resp: 149000

Ion Ratio Lower Upper

139 100

109 0.7 44.8 84.8#

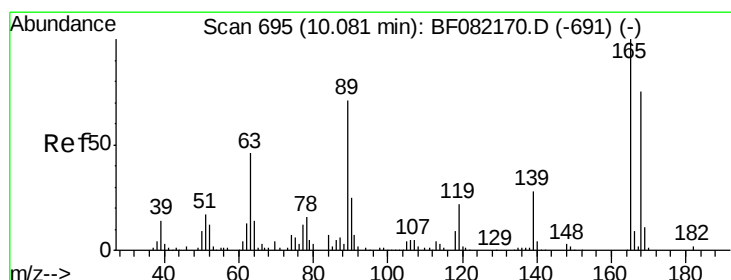
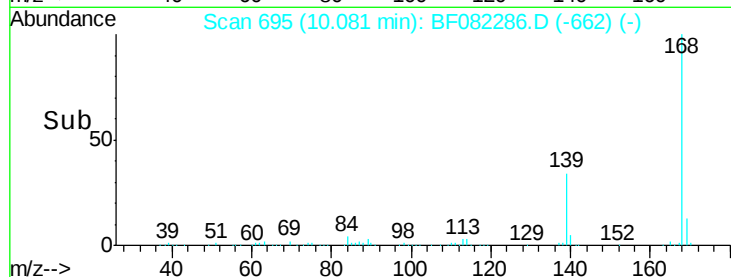
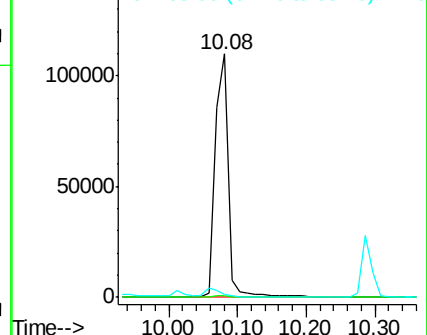
65 1.4 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.58 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Tgt Ion:165 Resp: 94101

Ion Ratio Lower Upper

165 100

63 56.9 38.6 58.0

89 85.3 57.0 85.6

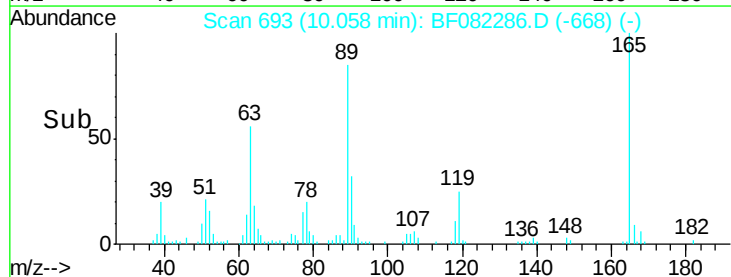
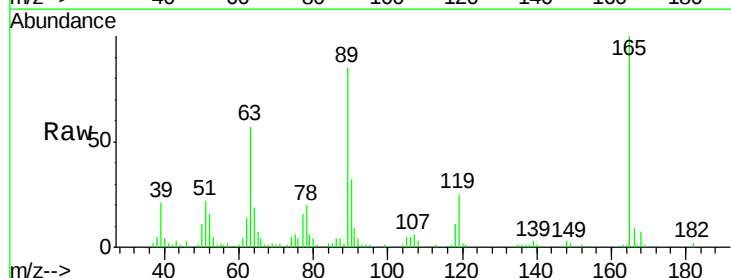
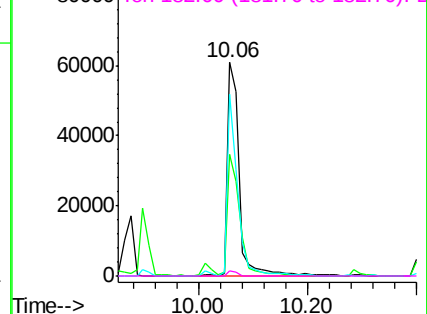
182 2.2 1.8 2.6

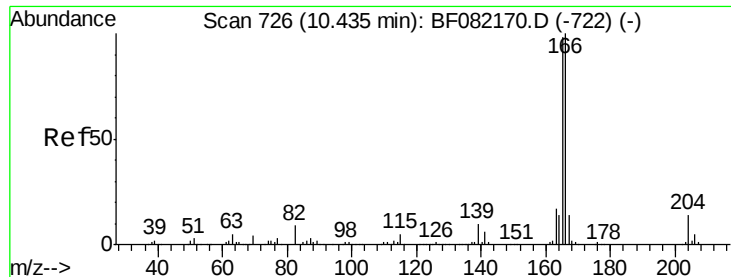
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

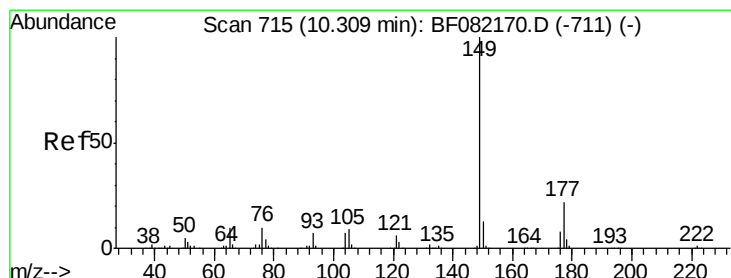
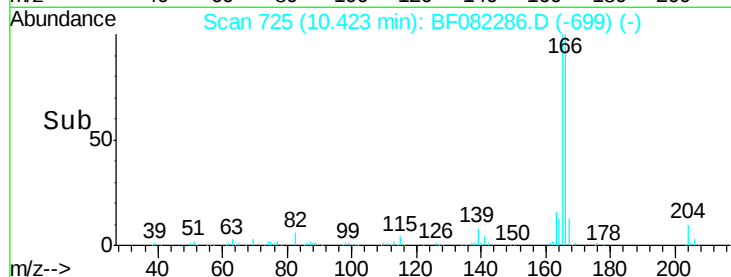
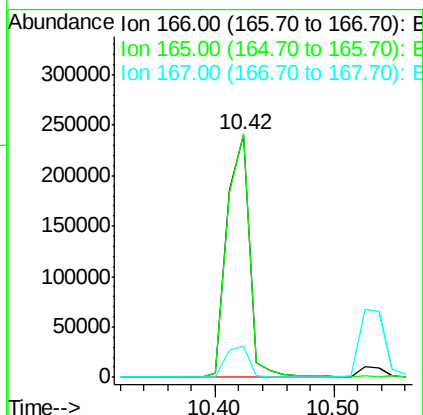
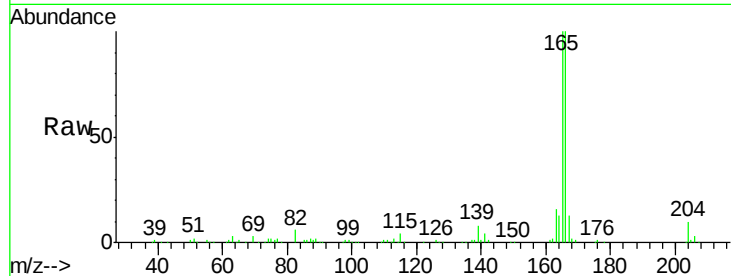




#57
 Fluorene
 Concen: 33.09 ng
 RT: 10.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

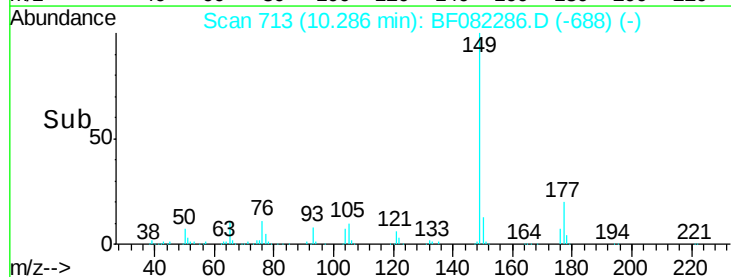
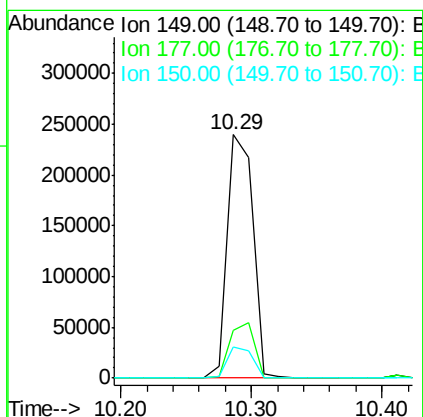
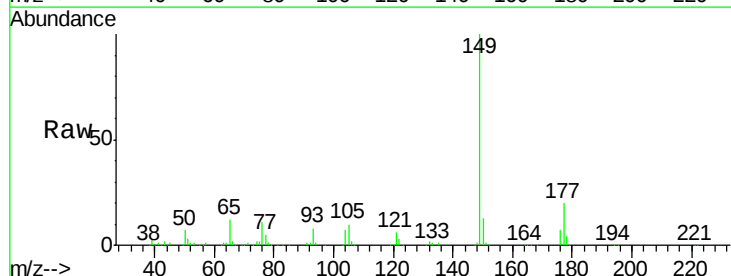
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

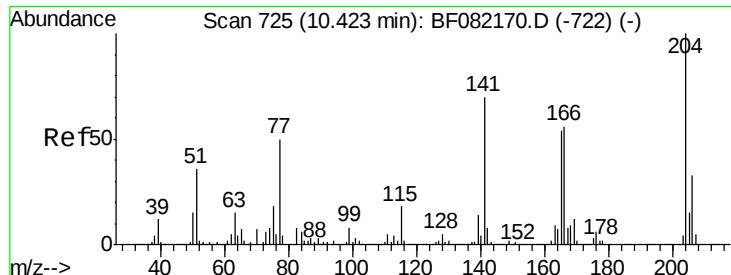
Tot Ion:166 Resp: 316058
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.3 117.5
 167 12.8 10.8 16.2



#59
 Diethylphthalate
 Concen: 32.93 ng
 RT: 10.29 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion:149 Resp: 326099
 Ion Ratio Lower Upper
 149 100
 177 19.7 17.6 26.4
 150 12.7 10.3 15.5

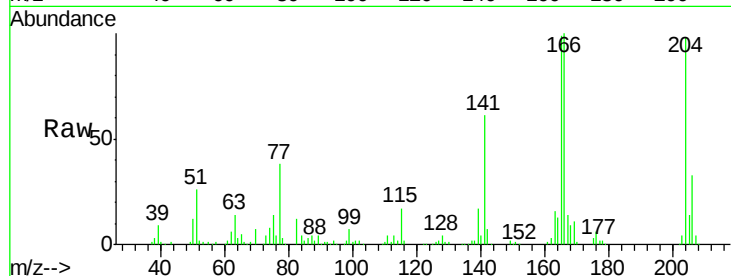




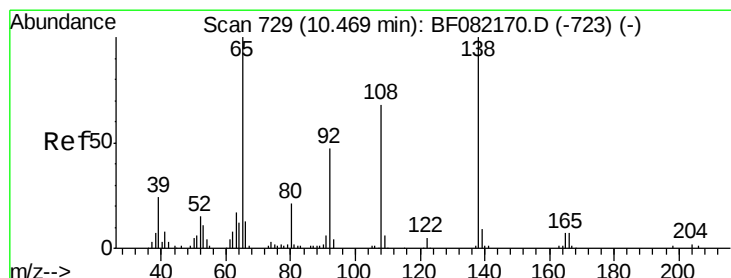
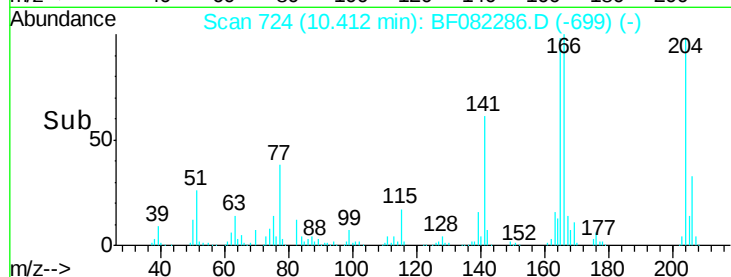
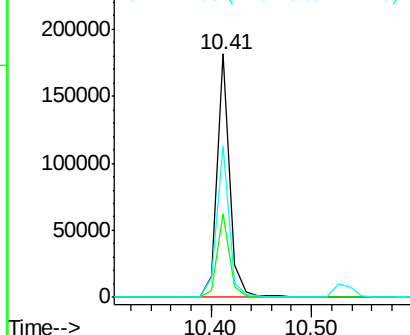
#60
4-Chlorophenyl-phenylether
Concen: 36.16 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampled :
CS-11MS

Tot Ion:204 Resp: 158218
Ion Ratio Lower Upper
204 100
206 34.2 26.8 40.2
141 62.2 56.1 84.1

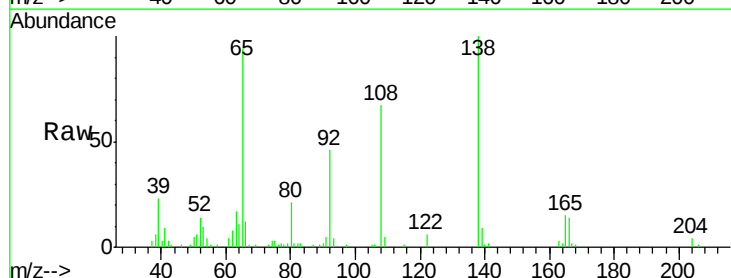


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

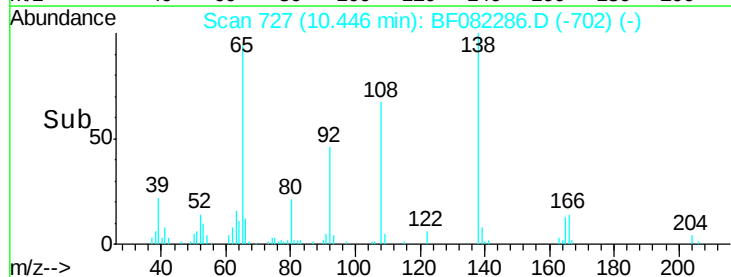
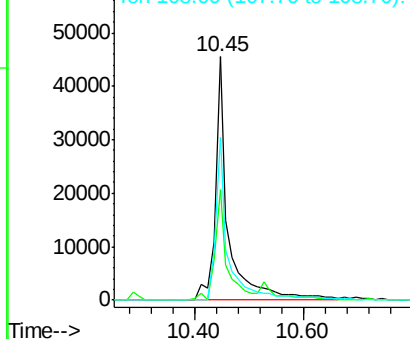


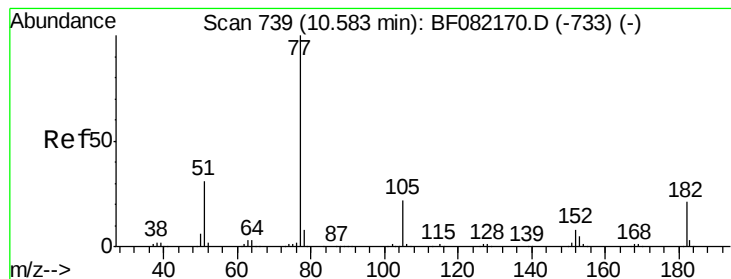
#61
4-Nitroaniline
Concen: 31.48 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:138 Resp: 77329
Ion Ratio Lower Upper
138 100
92 45.6 26.8 66.8
108 67.0 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 34.64 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

Tot Ion: 77 Resp: 335731

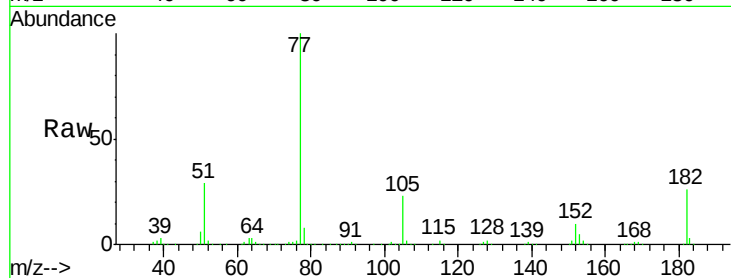
Ion Ratio Lower Upper

77 100

182 26.1 0.5 40.5

105 23.2 1.8 41.8

51 28.8 11.2 51.2

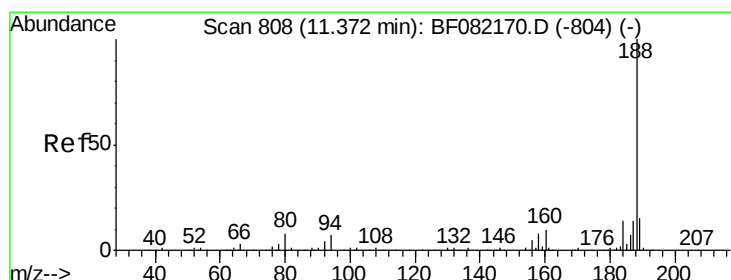
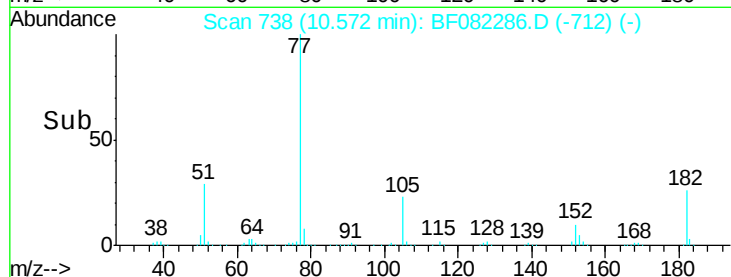
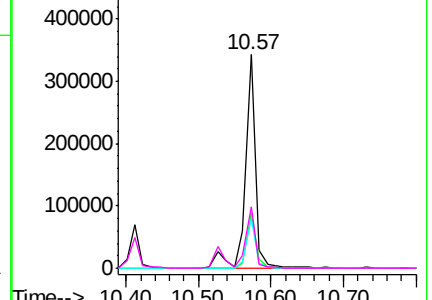


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

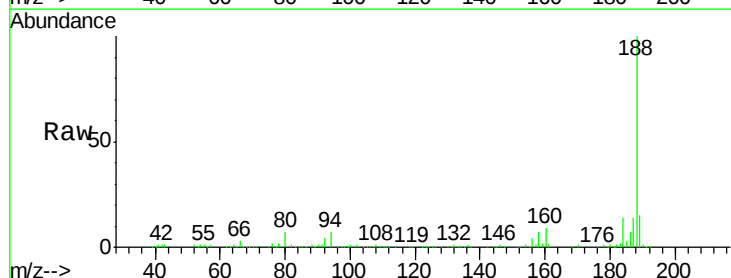
Tgt Ion: 188 Resp: 296344

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

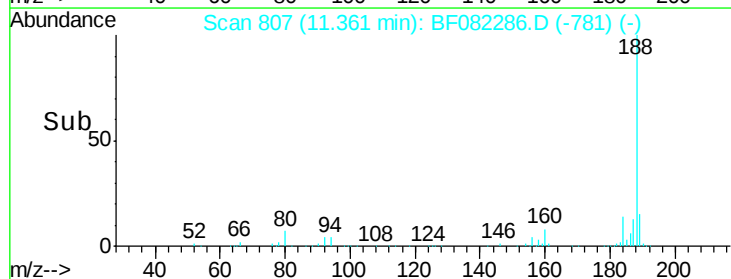
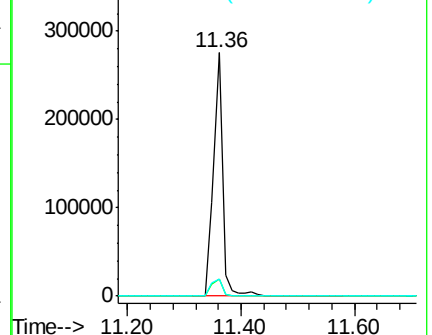
80 7.1 6.4 9.6

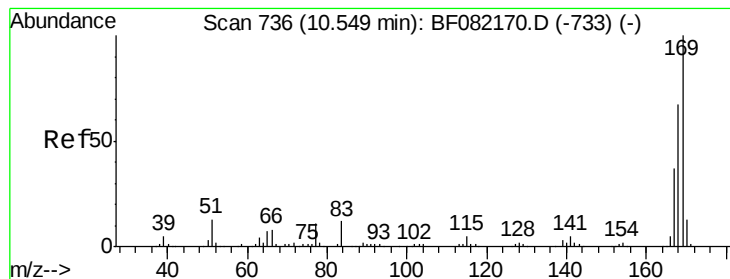


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 31.81 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

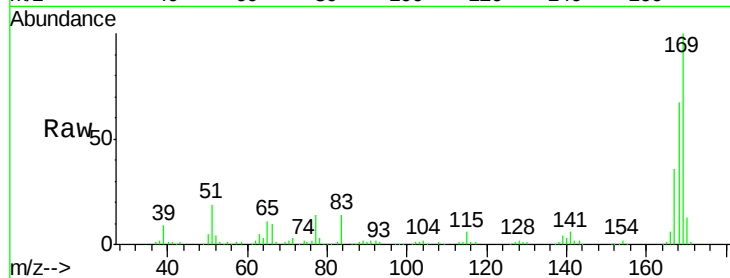
Tot Ion:169 Resp: 282206

Ion Ratio Lower Upper

169 100

168 66.8 54.0 81.0

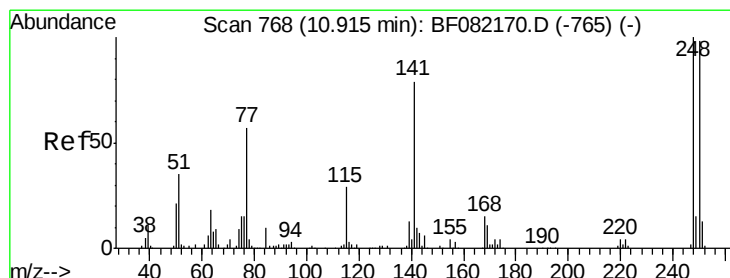
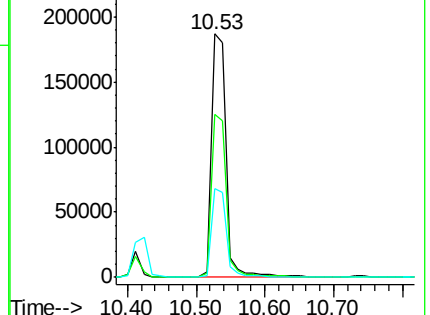
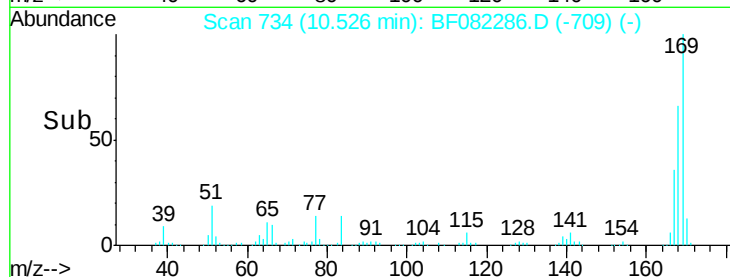
167 36.5 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.78 ng

RT: 10.90 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

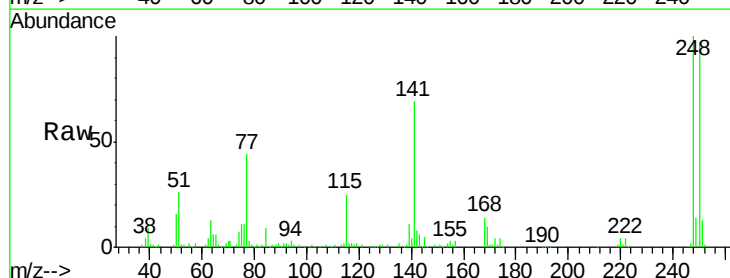
Tgt Ion:248 Resp: 97215

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

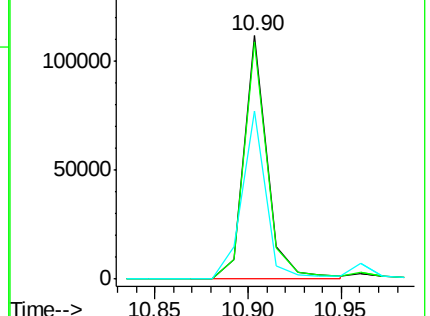
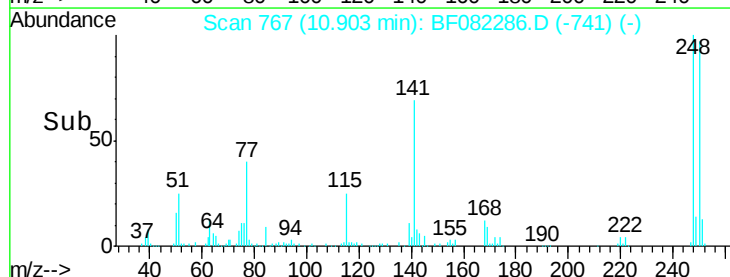
141 69.2 63.3 94.9

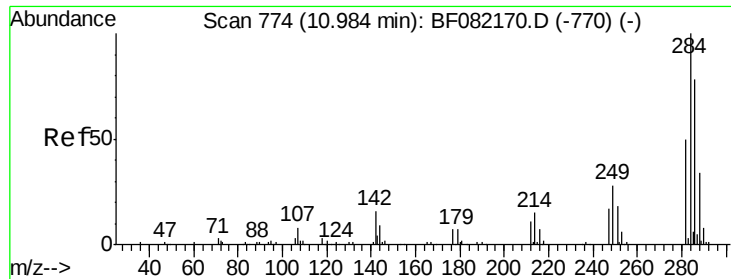


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

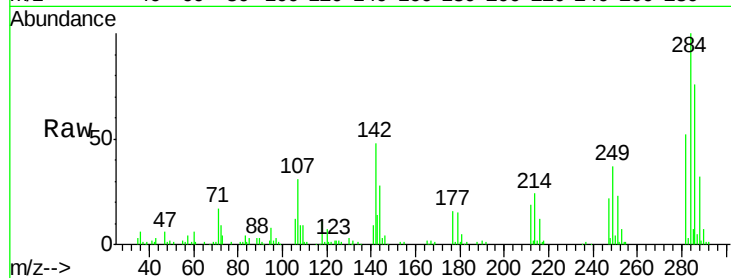




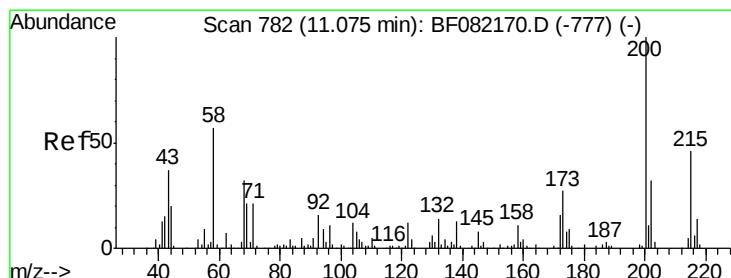
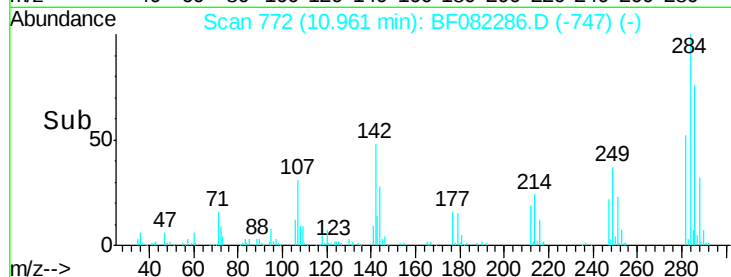
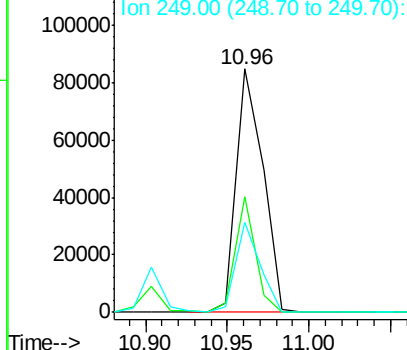
#67
Hexachlorobenzene
Concen: 29.69 ng
RT: 10.96 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:284 Resp: 95216
Ion Ratio Lower Upper
284 100
142 47.7 13.0 19.6#
249 36.8 22.5 33.7#

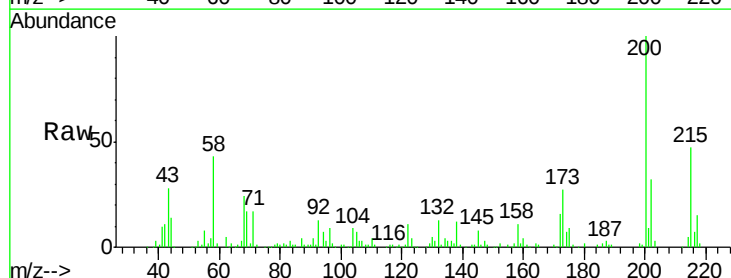


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

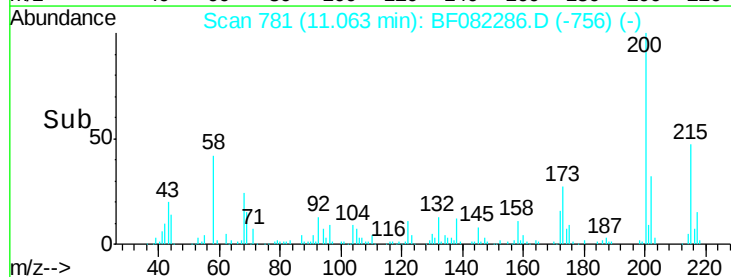
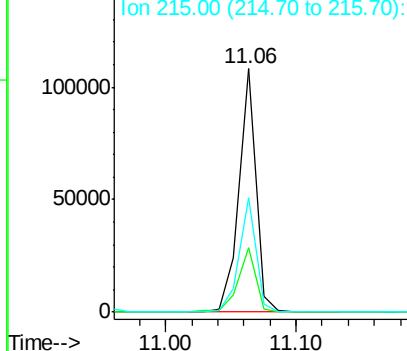


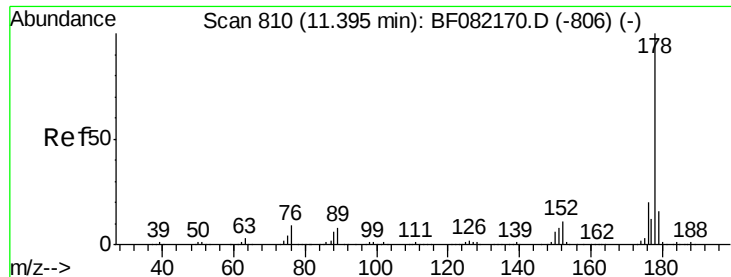
#68
Atrazine
Concen: 34.64 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:200 Resp: 97362
Ion Ratio Lower Upper
200 100
173 26.6 7.3 47.3
215 47.0 26.2 66.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

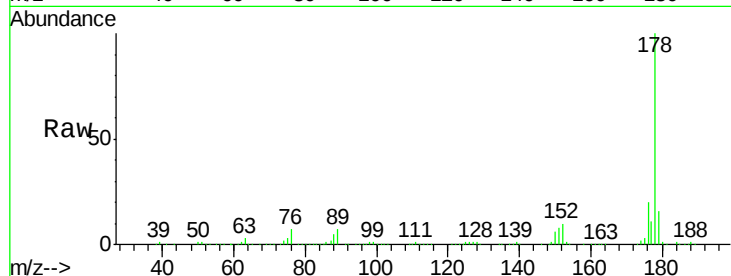




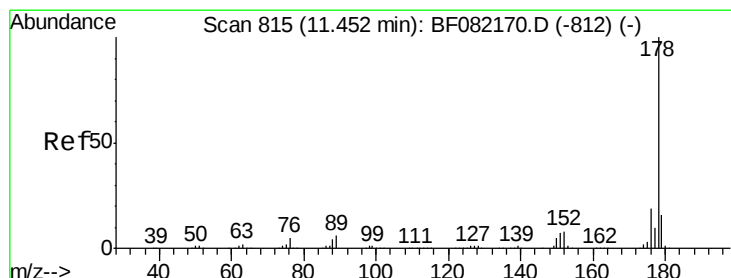
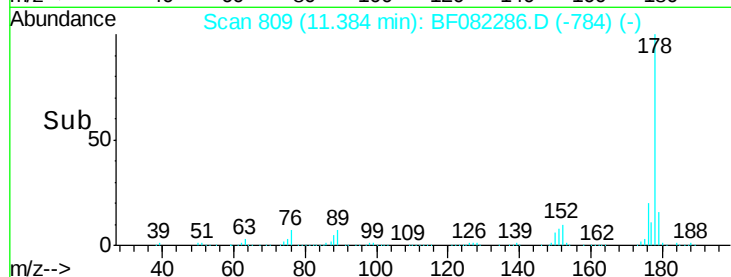
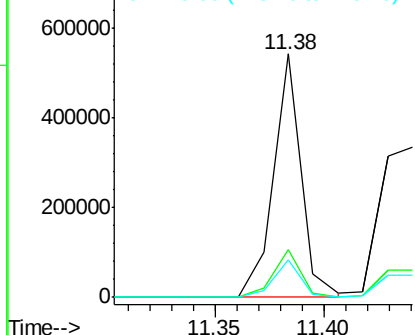
#70
Phenanthrene
Concen: 33.42 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:178 Resp: 485454
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.6 19.0

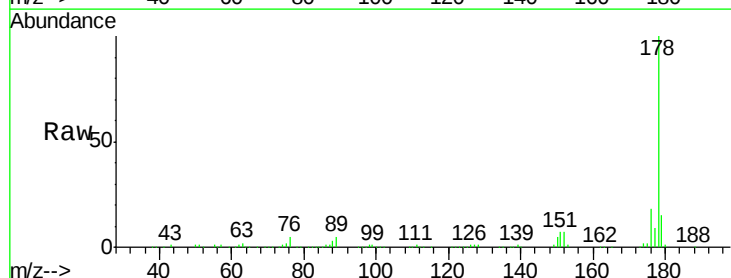


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

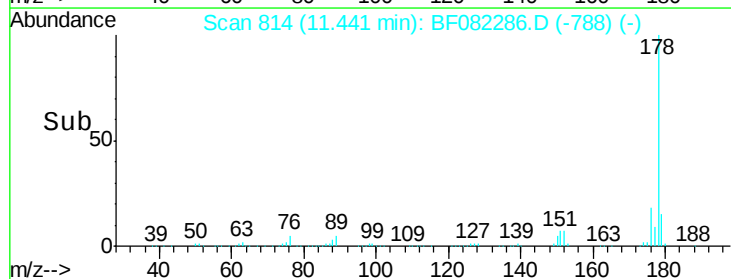
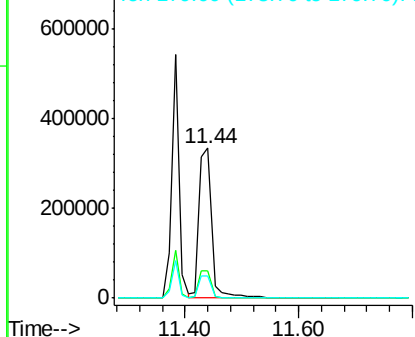


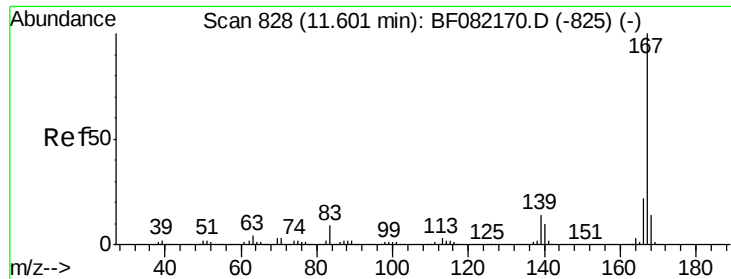
#71
Anthracene
Concen: 33.86 ng
RT: 11.44 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:178 Resp: 506852
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 14.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.34 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

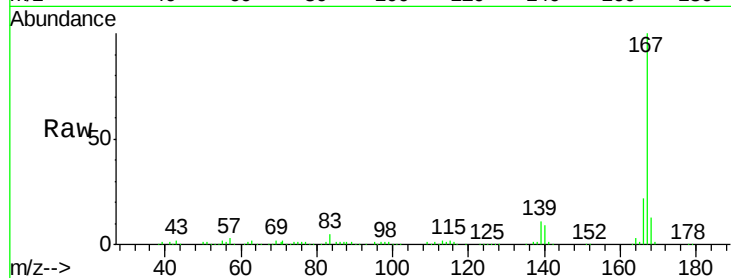
Tot Ion:167 Resp: 427954

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

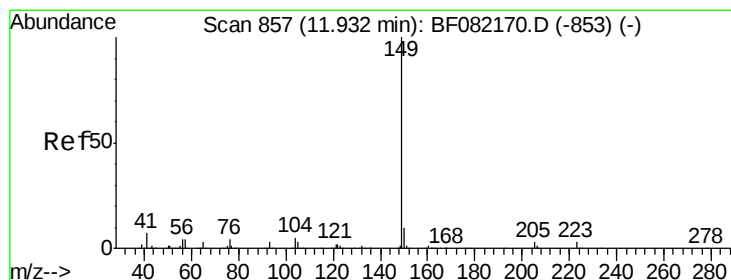
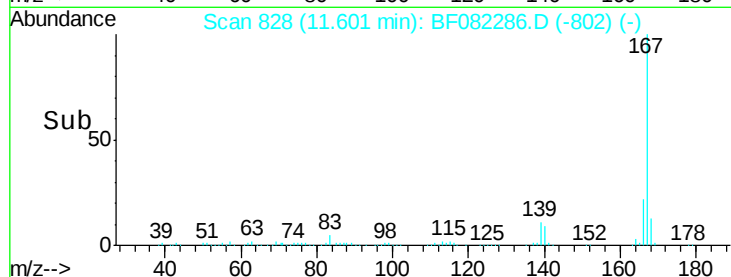
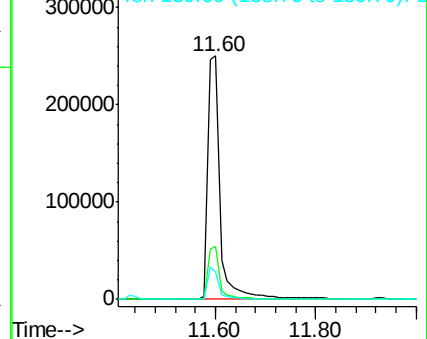
139 11.1 11.2 16.8#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 30.79 ng

RT: 11.92 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

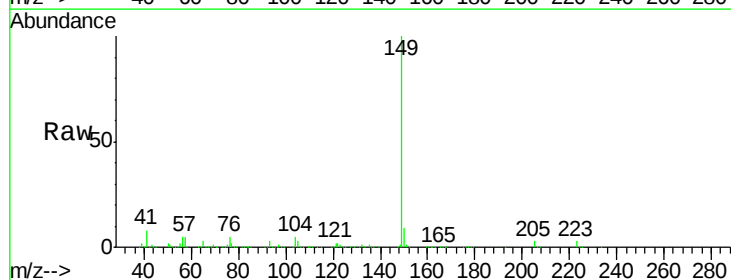
Tgt Ion:149 Resp: 518619

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

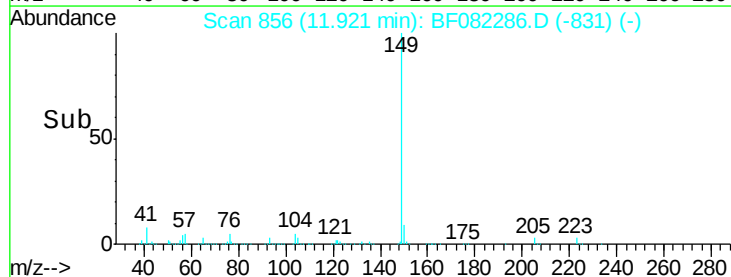
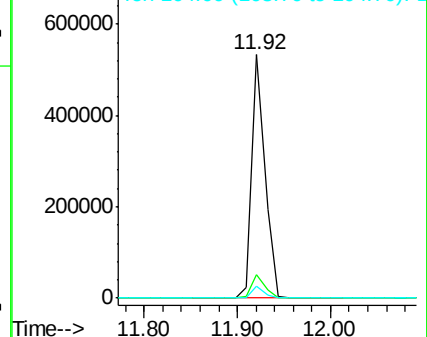
104 4.8 3.8 5.8

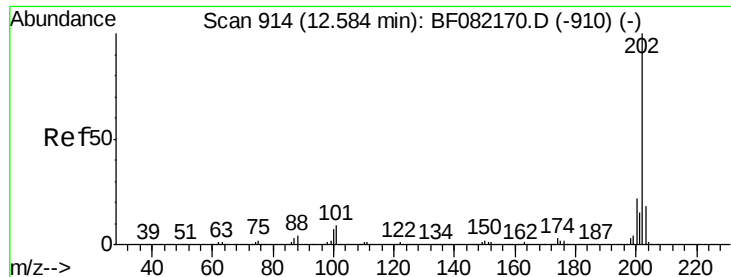


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.61 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

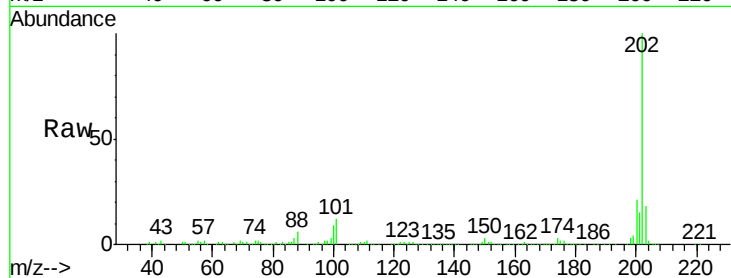
Tot Ion:202 Resp: 477488

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.3

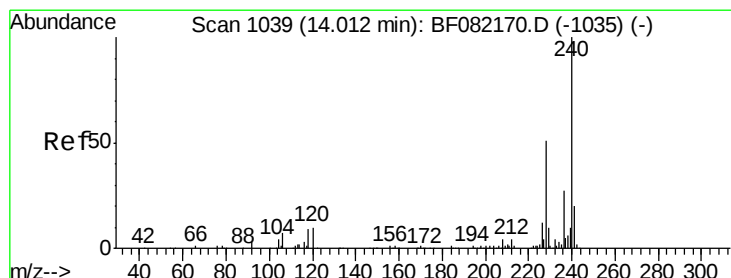
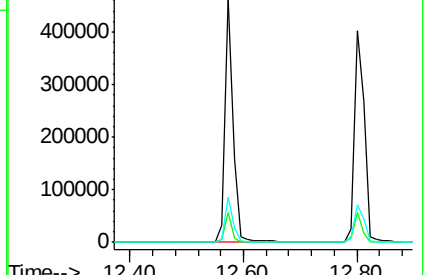
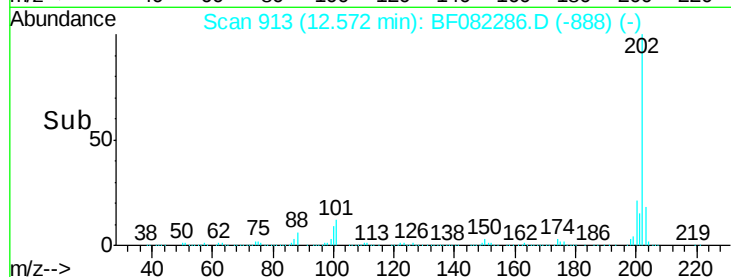
203 18.4 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

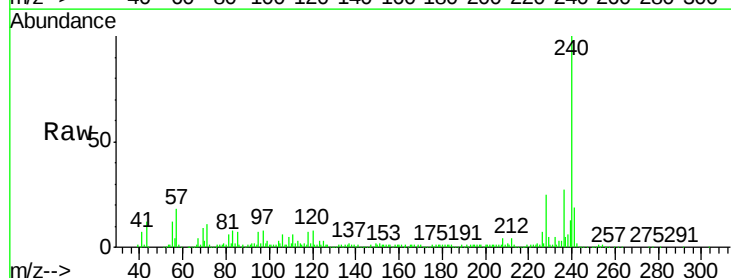
Tgt Ion:240 Resp: 235741

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

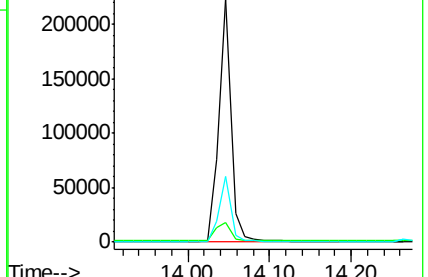
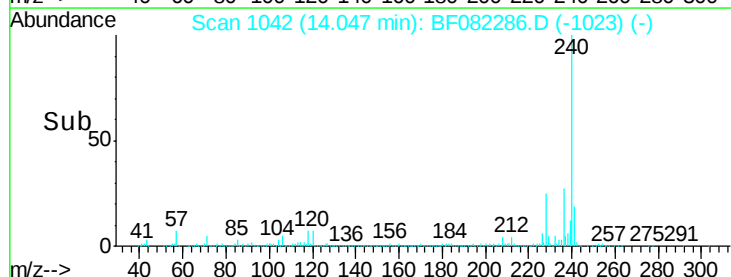
236 27.0 21.3 31.9

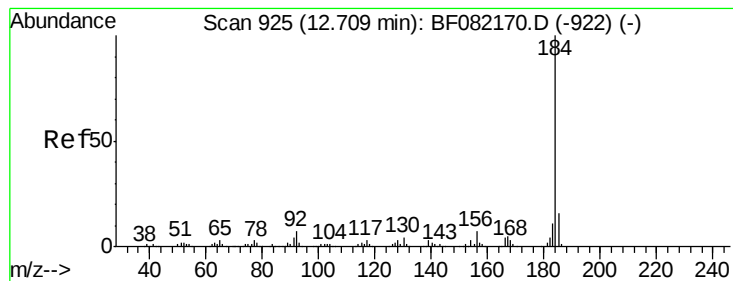


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 24.57 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampled :

CS-11MS

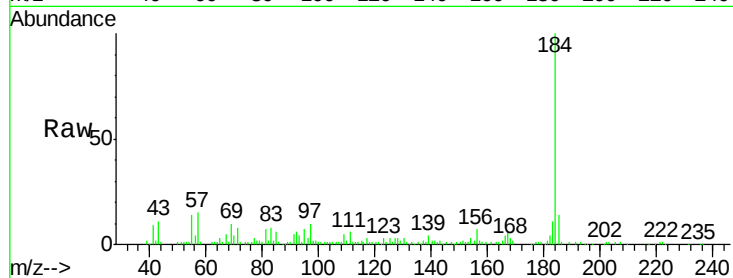
Tot Ion:184 Resp: 167847

Ion Ratio Lower Upper

184 100

185 14.0 12.5 18.7

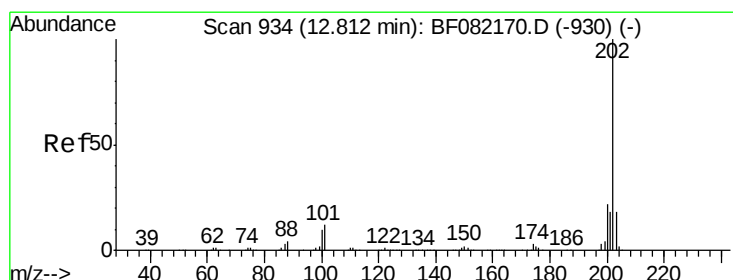
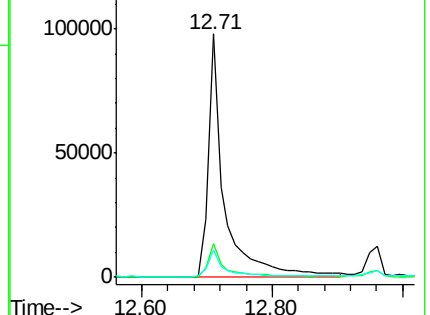
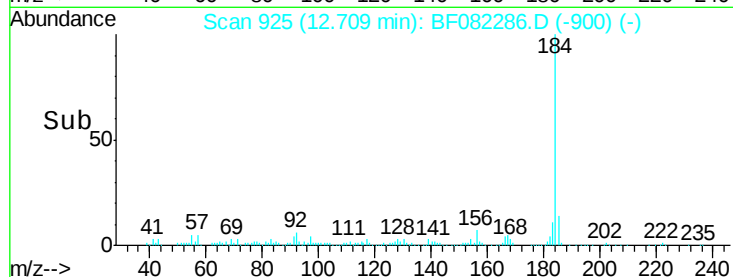
183 11.4 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 35.20 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

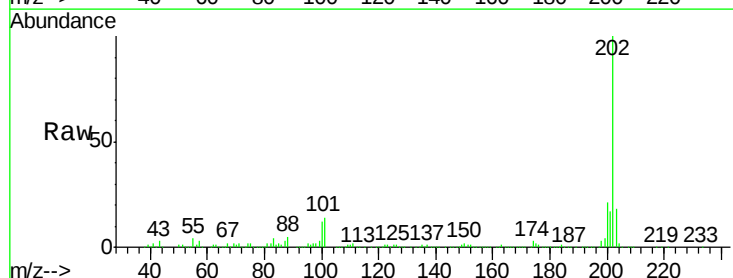
Tgt Ion:202 Resp: 492476

Ion Ratio Lower Upper

202 100

200 21.1 17.9 26.9

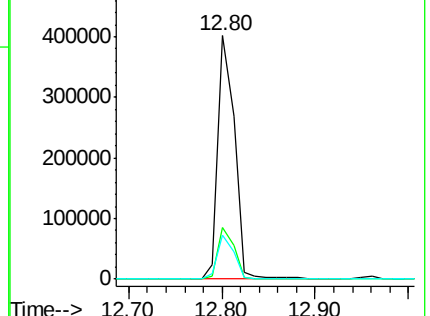
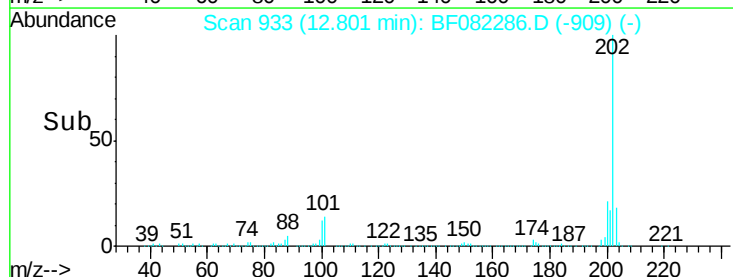
203 17.9 14.5 21.7

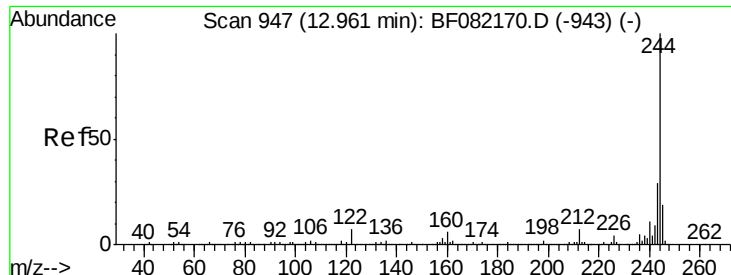


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

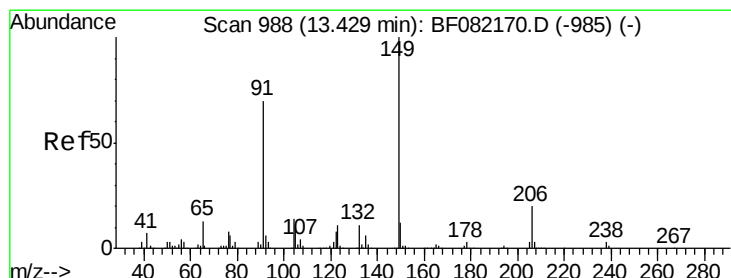
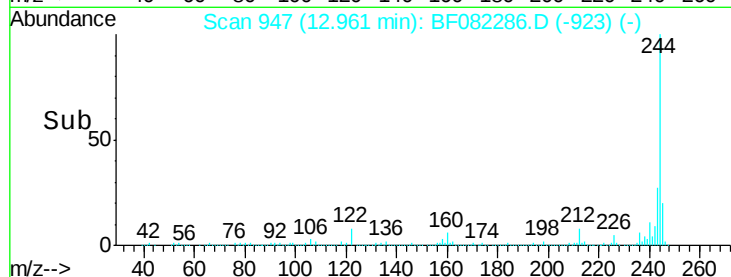
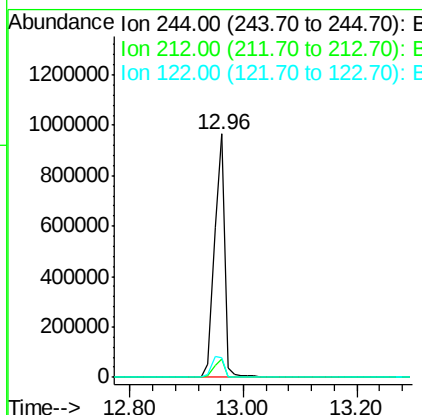
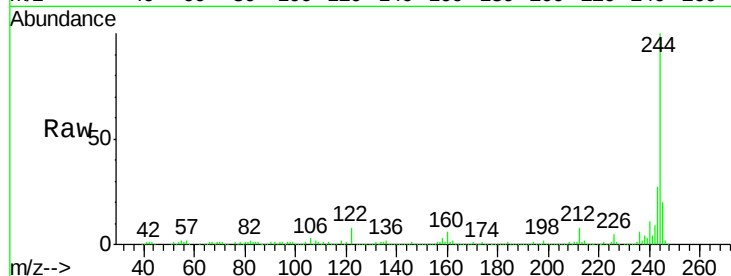




#78
 Terphenyl-d14
 Concen: 131.44 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

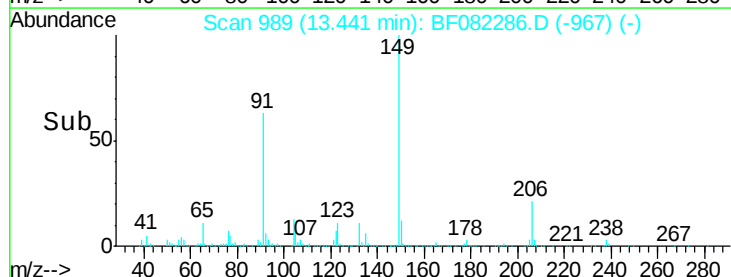
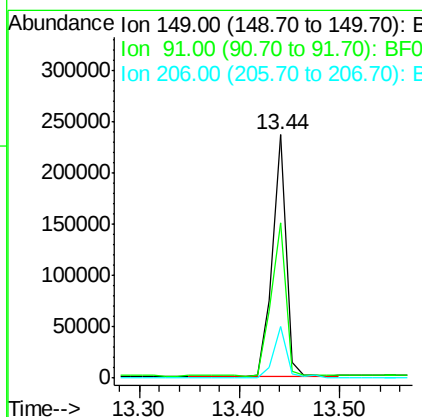
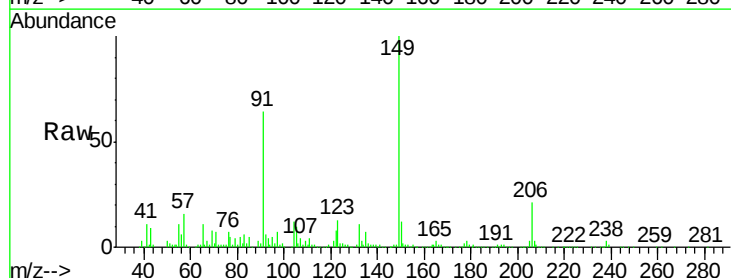
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MS

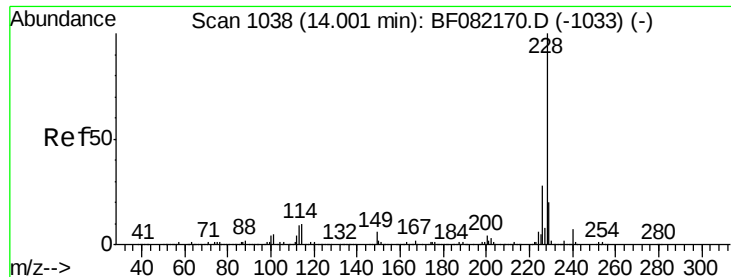
Tot Ion:244 Resp: 1169332
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 7.9 5.9 8.9



#79
 Butylbenzylphthalate
 Concen: 35.06 ng
 RT: 13.44 min Scan# 989
 Delta R.T. -0.05 min
 Lab File: BF082286.D
 Acq: 14 Oct 2015 18:41

Tgt Ion:149 Resp: 223837
 Ion Ratio Lower Upper
 149 100
 91 63.7 55.7 83.5
 206 21.3 15.6 23.4

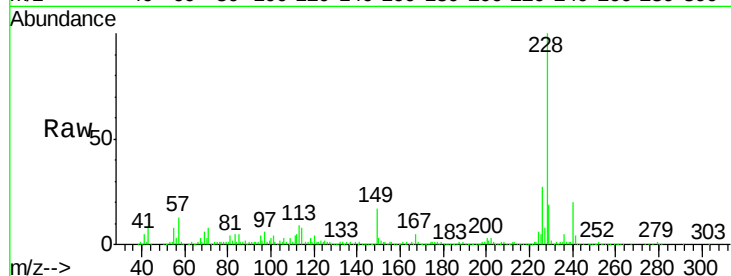




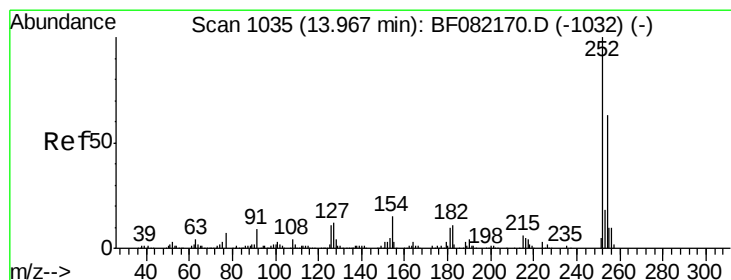
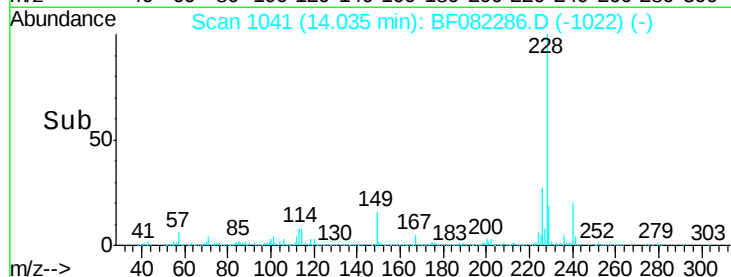
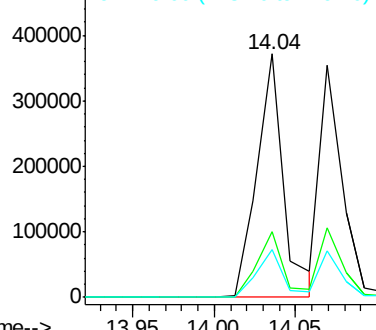
#80
Benzo(a)anthracene
Concen: 34.52 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.08 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampled :
CS-11MS

Tot Ion:228 Resp: 423353
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.5 16.2 24.2

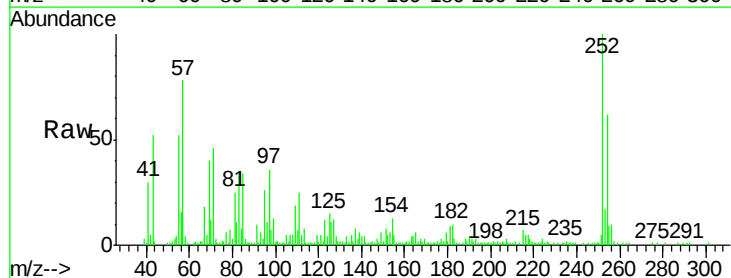


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

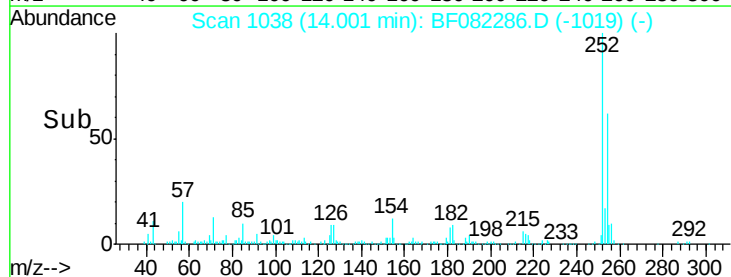
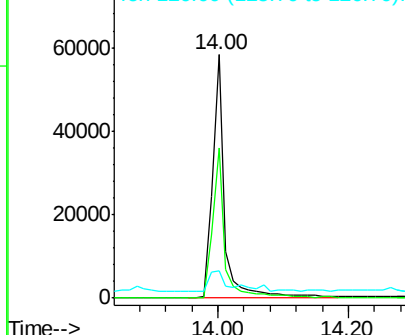


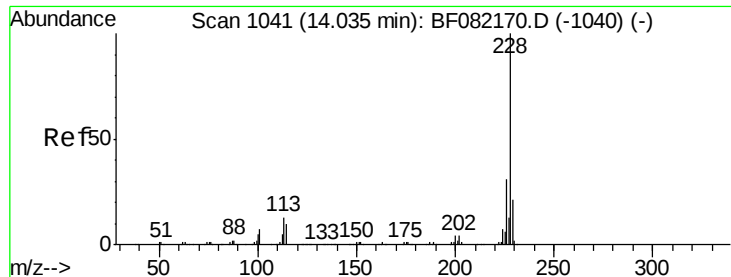
#81
3,3'-Dichlorobenzidine
Concen: 16.53 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.08 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:252 Resp: 76967
Ion Ratio Lower Upper
252 100
254 61.9 50.7 76.1
126 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 28.25 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.09 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

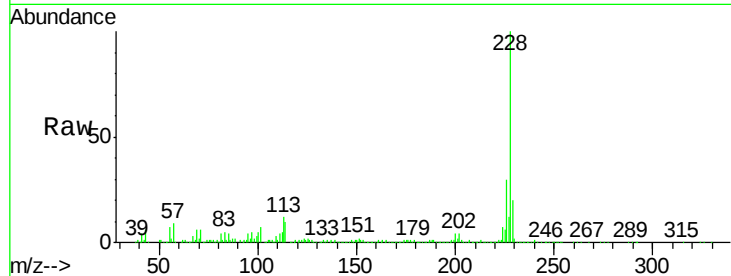
Tot Ion:228 Resp: 365131

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

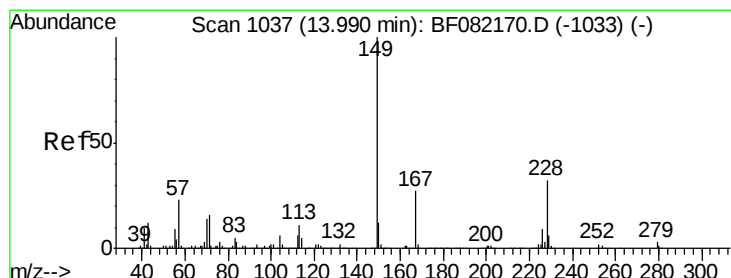
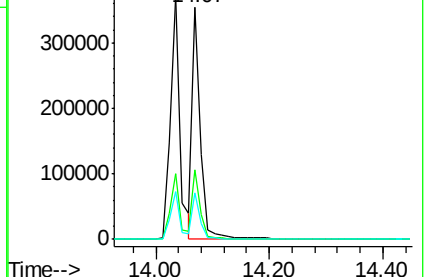
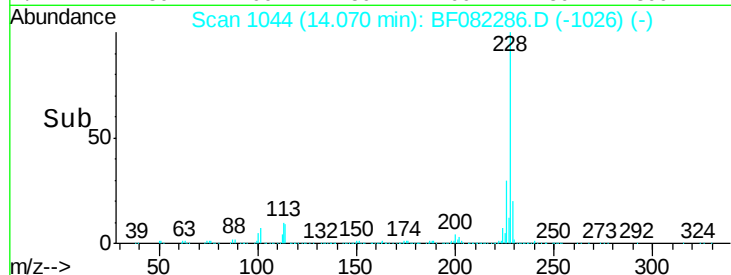
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.75 ng

RT: 14.02 min Scan# 1040

Delta R.T. -0.09 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

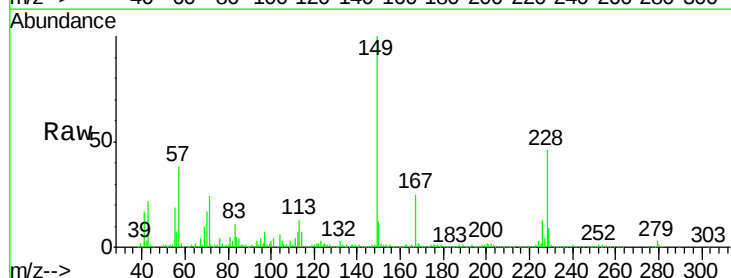
Tgt Ion:149 Resp: 289217

Ion Ratio Lower Upper

149 100

167 25.3 21.3 31.9

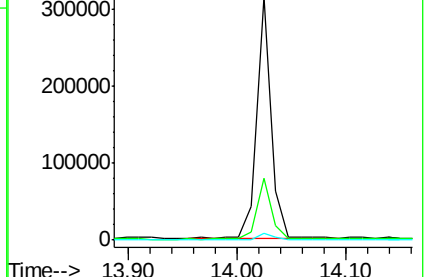
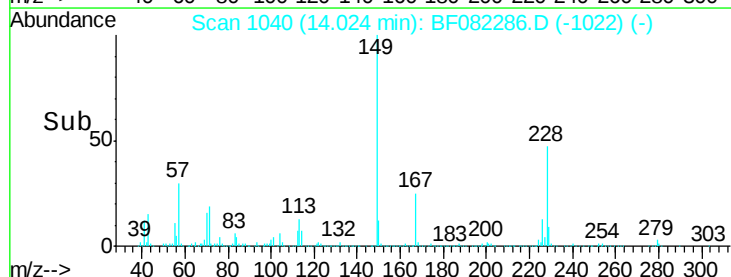
279 2.8 2.6 4.0

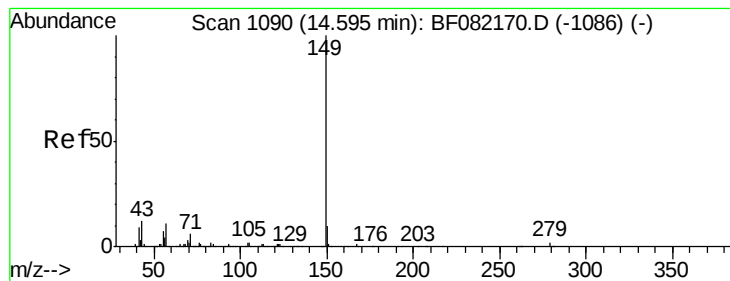


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 29.43 ng

RT: 14.70 min Scan# 1099

Delta R.T. -0.14 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

Instrument :

BNA_F

ClientSampleId :

CS-11MS

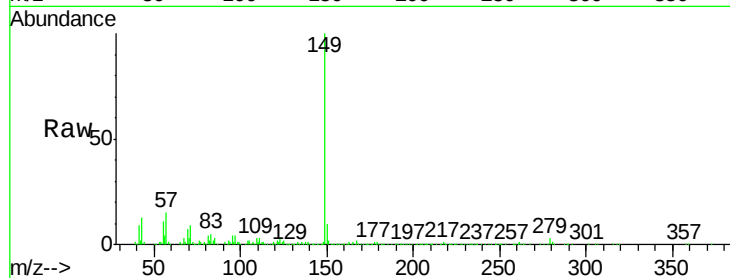
Tot Ion:149 Resp: 460385

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

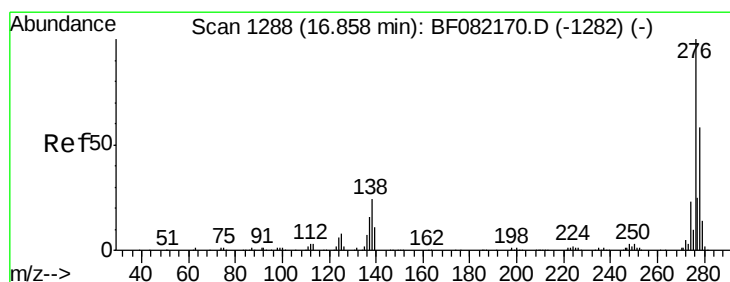
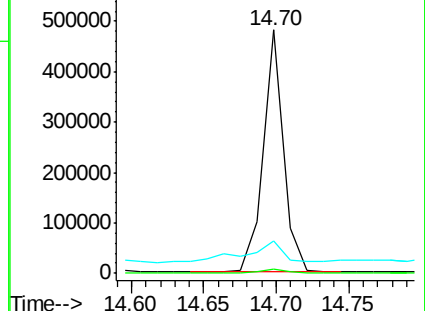
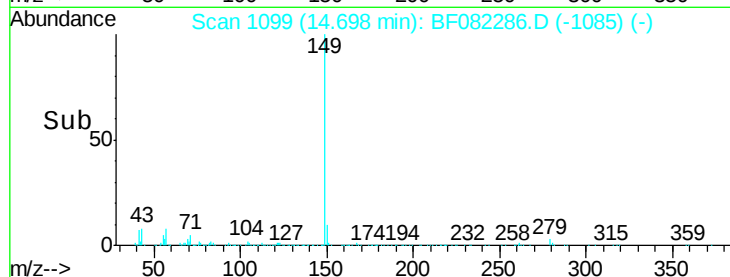
43 15.7 7.4 11.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 32.99 ng

RT: 17.00 min Scan# 1300

Delta R.T. -0.19 min

Lab File: BF082286.D

Acq: 14 Oct 2015 18:41

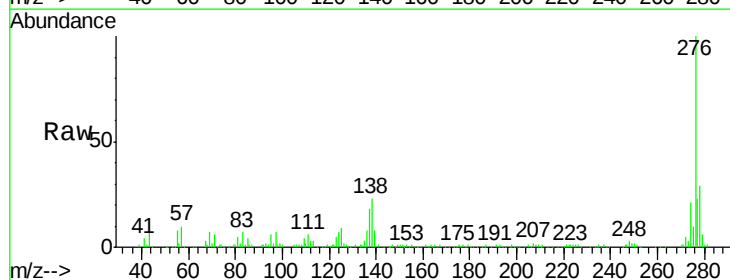
Tgt Ion:276 Resp: 338878

Ion Ratio Lower Upper

276 100

138 24.3 19.7 29.5

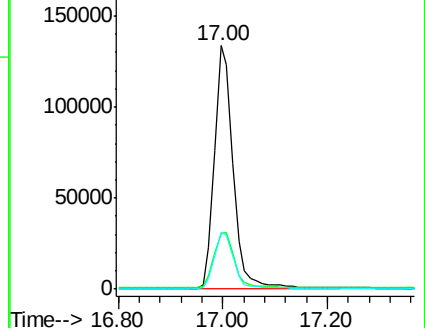
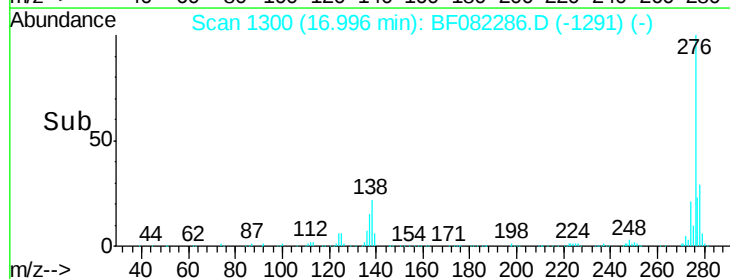
277 24.8 20.1 30.1

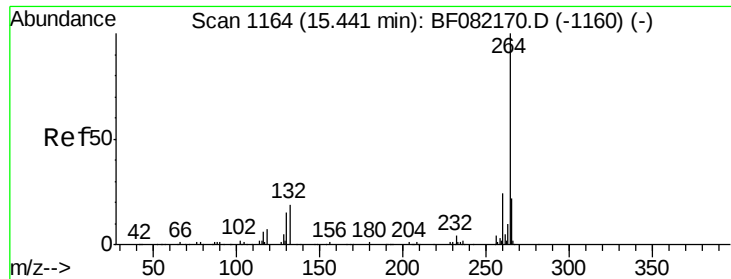


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

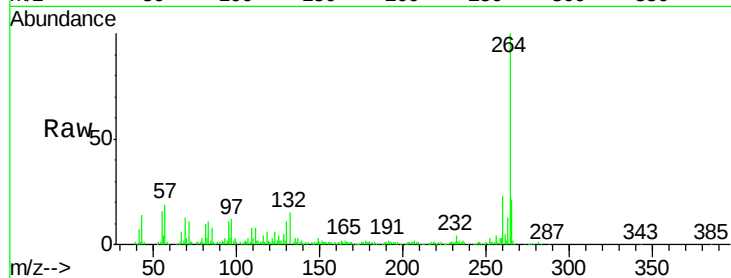




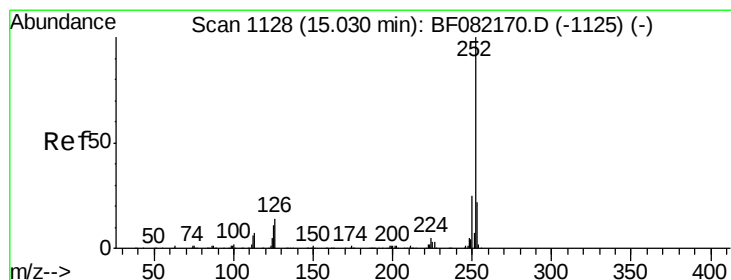
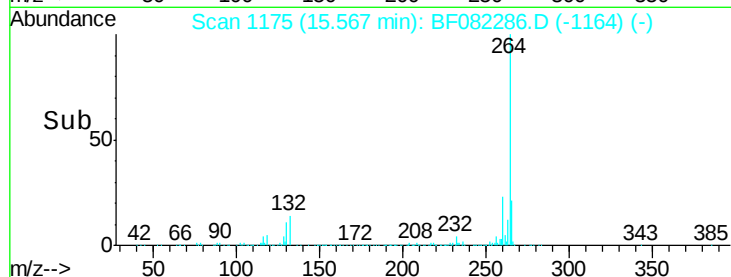
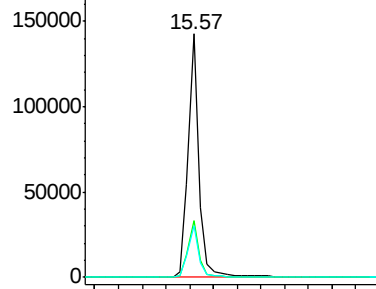
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.17 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:264 Resp: 181901
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.4 17.3 25.9

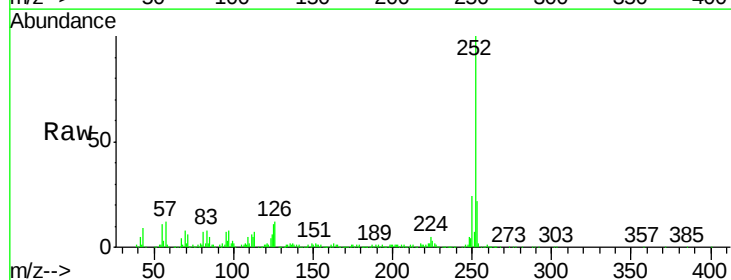


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

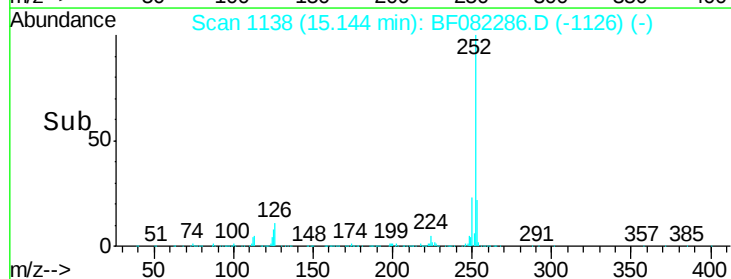
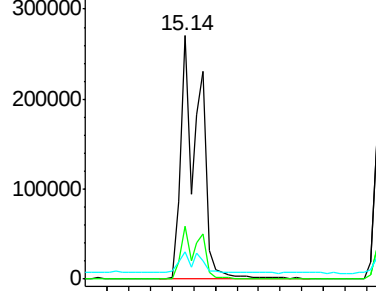


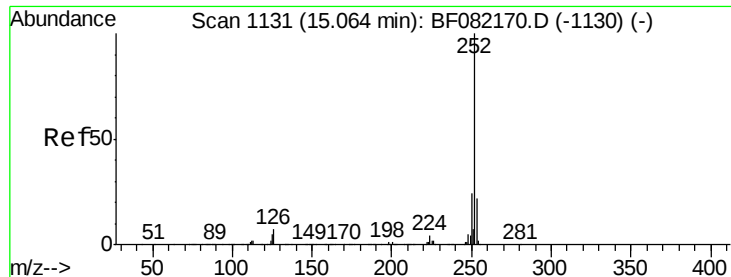
#87
Benzo(b)fluoranthene
Concen: 58.53 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.16 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:252 Resp: 647707
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.0 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

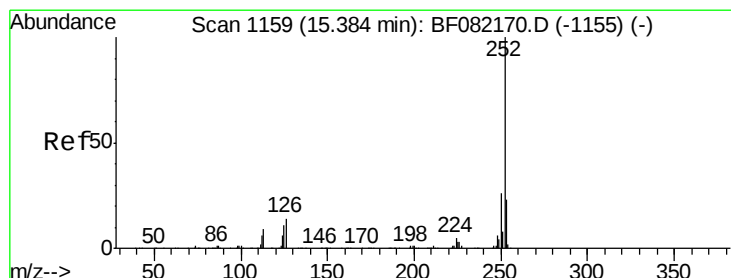
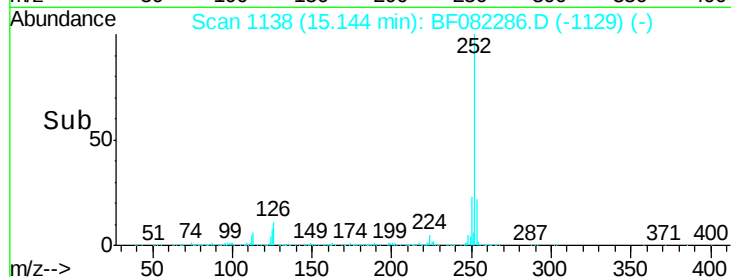
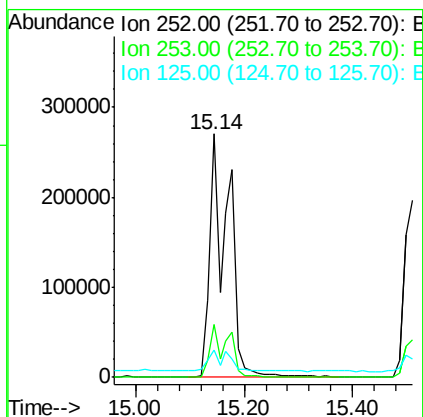
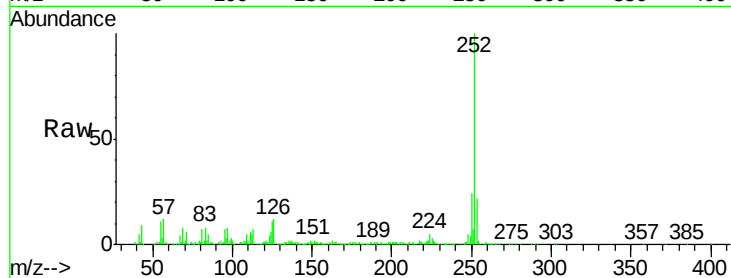




#88
Benzo(k)fluoranthene
Concen: 69.63 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.19 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

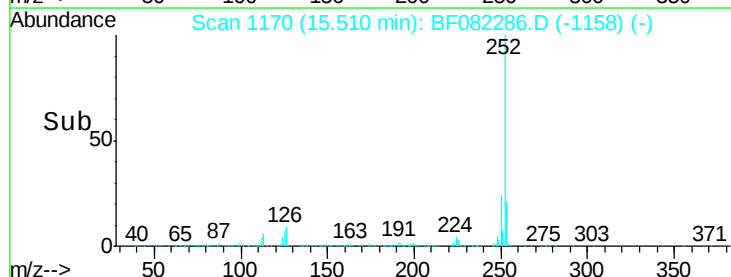
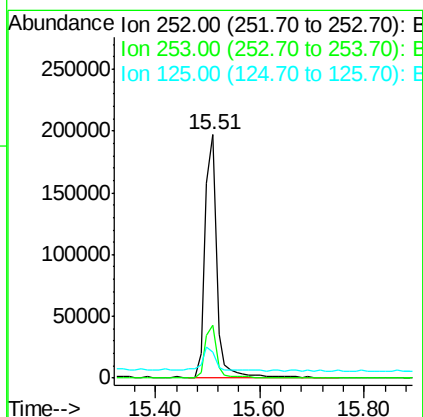
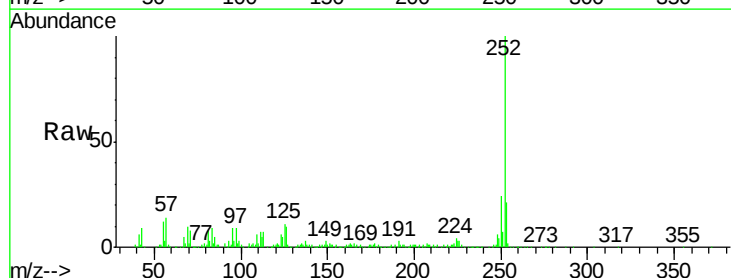
Instrument :
BNA_F
ClientSampleId :
CS-11MS

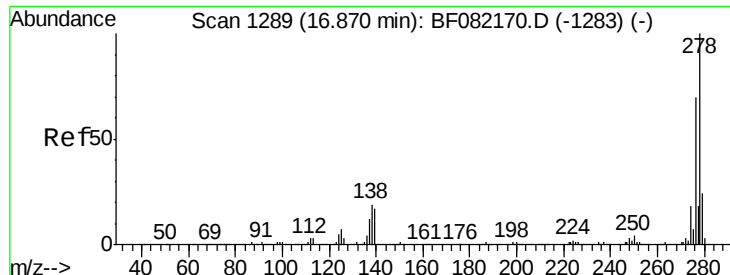
Tot Ion:252 Resp: 647707
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.0 6.7 10.1#



#89
Benzo(a)pyrene
Concen: 31.85 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.16 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:252 Resp: 302944
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 10.6 8.9 13.3



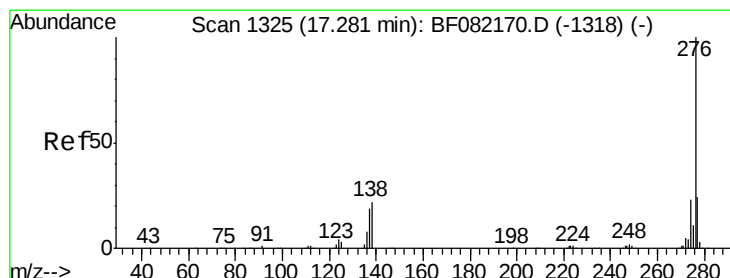
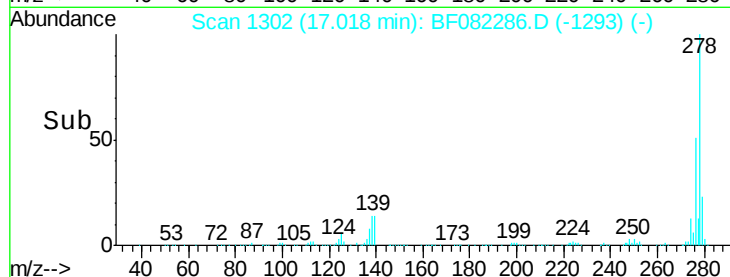
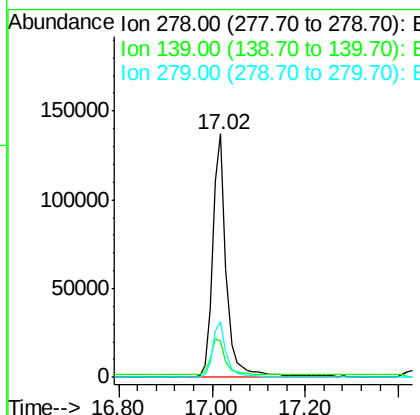
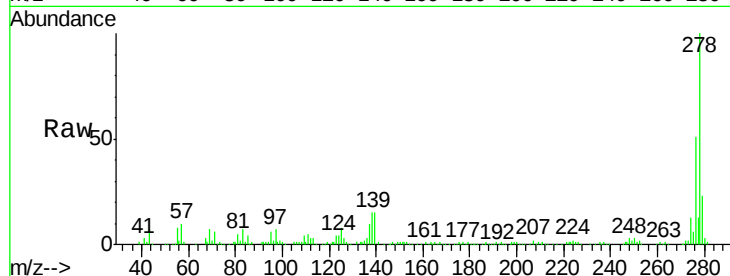


#90
Dibenzo(a,h)anthracene
Concen: 36.36 ng
RT: 17.02 min Scan# 1302
Delta R.T. -0.19 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Instrument :
BNA_F
ClientSampleId :
CS-11MS

Tot Ion:278 Resp: 283381

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.3	19.9
279	22.7	18.9	28.3



#91
Benzo(g,h,i)perylene
Concen: 37.50 ng
RT: 17.43 min Scan# 1338
Delta R.T. -0.19 min
Lab File: BF082286.D
Acq: 14 Oct 2015 18:41

Tgt Ion:276 Resp: 283966

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.7	17.4	26.2

