

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086000.D
 Acq On : 2 Apr 2016 9:46
 Operator : UM/SJ
 Sample : H2055-01MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Quant Time: Apr 04 01:01:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	123329	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	501901	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	239661	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	461954	20.00	ng	0.00
75) Chrysene-d12	13.93	240	360453	20.00	ng	0.00
86) Perylene-d12	15.33	264	315234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	915639	126.90	ng	0.01
7) Phenol-d6	6.42	99	1242781	135.61	ng	0.00
23) Nitrobenzene-d5	7.34	82	730170	85.79	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	316519	140.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1299121	90.13	ng	0.00
78) Terphenyl-d14	12.88	244	1200430	78.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	128656	37.61	ng	99
3) Pyridine	3.07	79	353368	46.14	ng	94
4) n-Nitrosodimethylamine	3.04	42	155117	46.06	ng	96
6) Aniline	6.44	93	383973	31.93	ng	# 44
8) 2-Chlorophenol	6.57	128	365369	42.46	ng	91
9) Benzaldehyde	6.33	77	179489	36.40	ng	90
10) Phenol	6.44	94	467142	44.69	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	367328	44.37	ng	94
12) 1,3-Dichlorobenzene	6.80	146	396360	43.46	ng	99
13) 1,4-Dichlorobenzene	6.80	146	396360	42.19	ng	93
14) 1,2-Dichlorobenzene	6.94	146	375338	43.40	ng	98
15) Benzyl Alcohol	6.93	79	286987	48.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	410357	40.58	ng	90
17) 2-Methylphenol	7.05	107	322968	47.61	ng	97
18) Hexachloroethane	7.28	117	145455	42.09	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	233064	41.03	ng	95
20) 3+4-Methylphenols	7.20	107	371264	44.99	ng	95
22) Acetophenone	7.20	105	504578	42.77	ng	# 95
24) Nitrobenzene	7.37	77	426001	45.75	ng	89
25) Isophorone	7.61	82	766329	45.61	ng	95
26) 2-Nitrophenol	7.68	139	200138	44.93	ng	# 82
27) 2,4-Dimethylphenol	7.72	122	334323	41.78	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	442079	44.85	ng	98
29) 2,4-Dichlorophenol	7.93	162	317913	47.00	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	330456	43.52	ng	94
31) Naphthalene	8.08	128	1070703	42.41	ng	100
32) Benzoic acid	7.82	122	21809	3.72	ng	94
33) 4-Chloroaniline	8.14	127	234984	23.04	ng	99
34) Hexachlorobutadiene	8.20	225	170456	41.76	ng	98
35) Caprolactam	8.52	113	64356	29.99	ng	91
36) 4-Chloro-3-methylphenol	8.64	107	370905	48.78	ng	92
37) 2-Methylnaphthalene	8.77	142	716579	43.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	302641	42.02	ng	99
40) Hexachlorocyclopentadiene	8.92	237	227771	85.10	ng	99

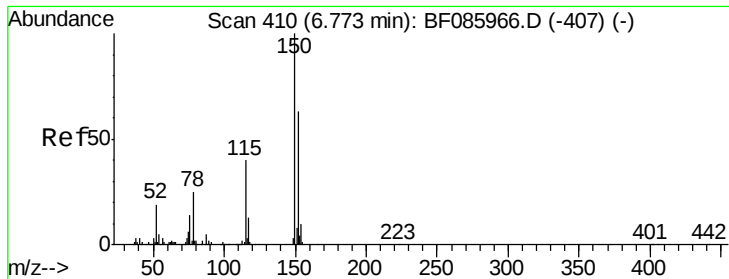
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	214609	46.40	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	219750	46.79	ng	97
45) 1,1'-Biphenyl	9.24	154	873580	42.27	ng	94
46) 2-Chloronaphthalene	9.26	162	671790	44.85	ng	98
47) 2-Nitroaniline	9.37	65	225073	51.35	ng	89
48) Acenaphthylene	9.68	152	1038931	43.30	ng	100
49) Dimethylphthalate	9.55	163	995932	56.07	ng	99
50) 2,6-Dinitrotoluene	9.61	165	163512	43.51	ng	97
51) Acenaphthene	9.85	154	622153	43.60	ng	99
52) 3-Nitroaniline	9.78	138	145702	32.17	ng	92
53) 2,4-Dinitrophenol	9.89	184	78123	41.32	ng	# 77
54) Dibenzofuran	10.02	168	862400	45.76	ng	100
55) 4-Nitrophenol	9.96	139	280464	105.03	ng	88
56) 2,4-Dinitrotoluene	10.02	165	231161	48.68	ng	# 73
57) Fluorene	10.36	166	712403	44.25	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	182760	52.27	ng	94
59) Diethylphthalate	10.24	149	779451	43.48	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	307870	41.05	ng	99
61) 4-Nitroaniline	10.40	138	185714	41.63	ng	90
62) Azobenzene	10.51	77	815513	47.49	ng	99
64) 4,6-Dinitro-2-methylphenol	10.43	198	123795	44.22	ng	# 57
65) n-Nitrosodiphenylamine	10.48	169	643627	44.55	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	215721	45.74	ng	96
67) Hexachlorobenzene	10.91	284	232817	47.74	ng	100
68) Atrazine	11.00	200	208538	44.67	ng	97
69) Pentachlorophenol	11.10	266	203746	89.14	ng	98
70) Phenanthrene	11.32	178	1122131	44.53	ng	100
71) Anthracene	11.37	178	1079496	40.89	ng	100
72) Carbazole	11.53	167	933977	41.16	ng	99
73) Di-n-butylphthalate	11.86	149	1238579	44.05	ng	100
74) Fluoranthene	12.51	202	1162619	44.35	ng	89
76) Benzidine	12.64	184	603228	47.43	ng	99
77) Pyrene	12.74	202	1158988	45.63	ng	100
79) Butylbenzylphthalate	13.35	149	545146	47.66	ng	# 71
80) Benzo(a)anthracene	13.92	228	952106	44.81	ng	99
81) 3,3'-Dichlorobenzidine	13.88	252	222961	14.37	ng	100
82) Chrysene	13.96	228	988431	48.29	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	685066	45.13	ng	99
84) Di-n-octyl phthalate	14.52	149	1281504	52.87	ng	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	714610	43.03	ng	99
87) Benzo(b)fluoranthene	14.97	252	1735935	87.54	ng	98
88) Benzo(k)fluoranthene	14.97	252	1735935	98.86	ng	98
89) Benzo(a)pyrene	15.28	252	782824	44.55	ng	98
90) Dibenzo(a,h)anthracene	16.71	278	604816	42.78	ng	98
91) Benzo(g,h,i)perylene	17.11	276	564849	41.29	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

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BH-1(0-2)MS

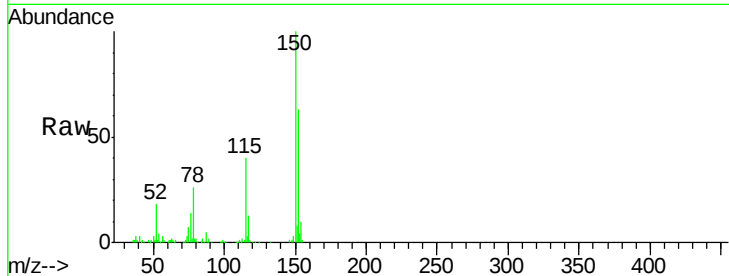
Tgt Ion:152 Resp: 123329

Ion Ratio Lower Upper

152 100

150 158.5 124.2 186.2

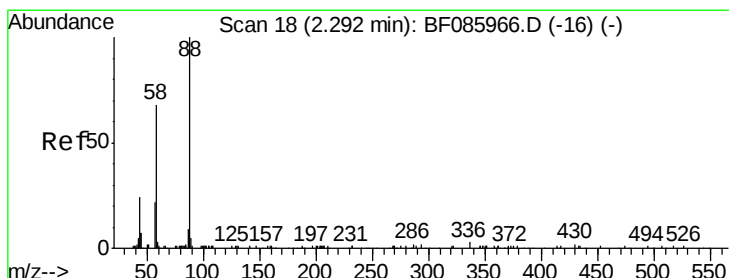
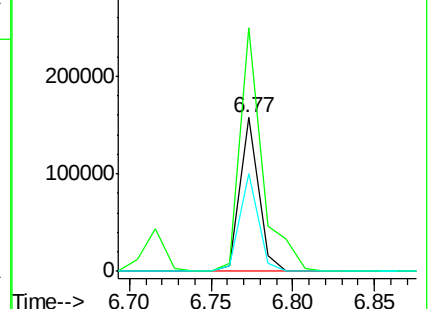
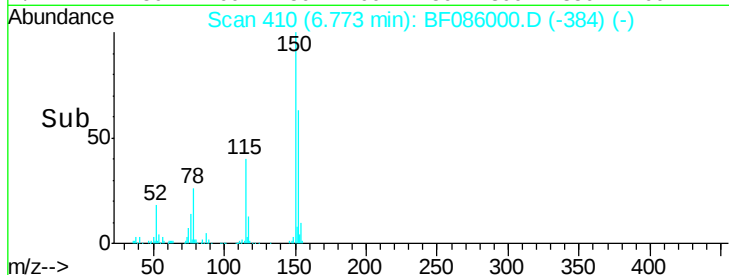
115 63.6 47.0 70.6



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: 37.61 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

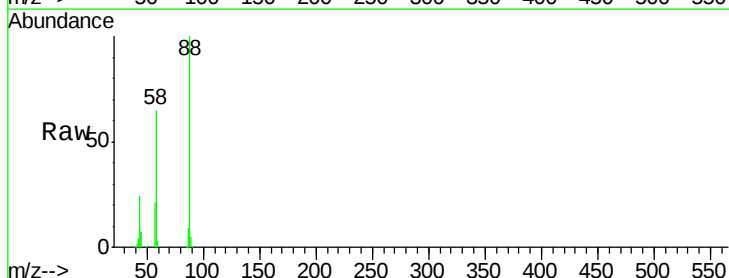
Tgt Ion: 88 Resp: 128656

Ion Ratio Lower Upper

88 100

58 69.0 54.2 81.2

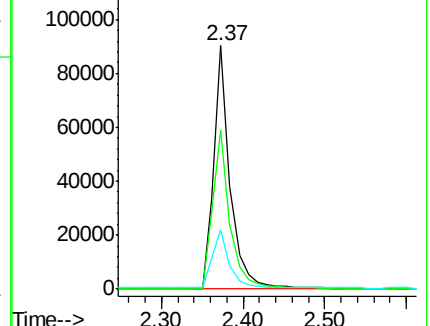
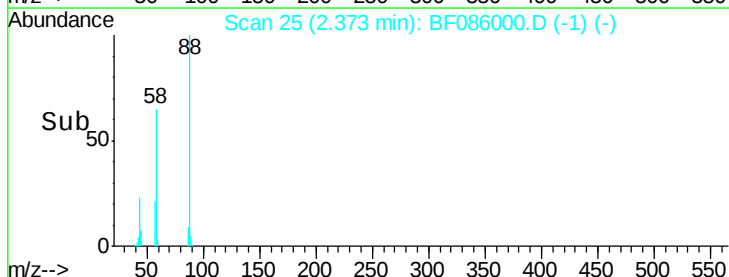
43 24.6 19.3 28.9



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: 46.14 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.07 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

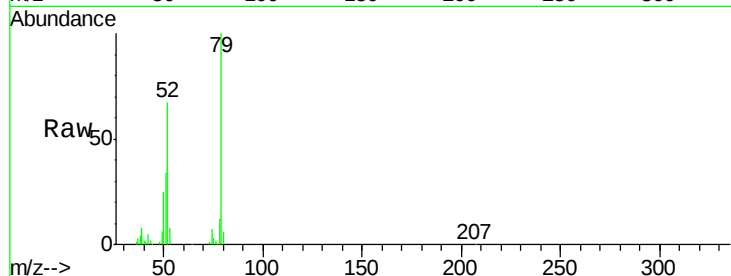
Tgt Ion: 79 Resp: 353368

Ion Ratio Lower Upper

79 100

52 66.5 49.8 74.6

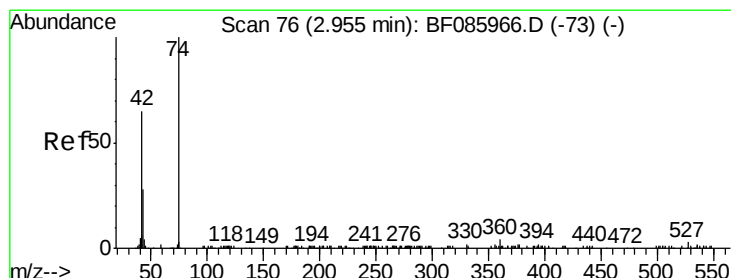
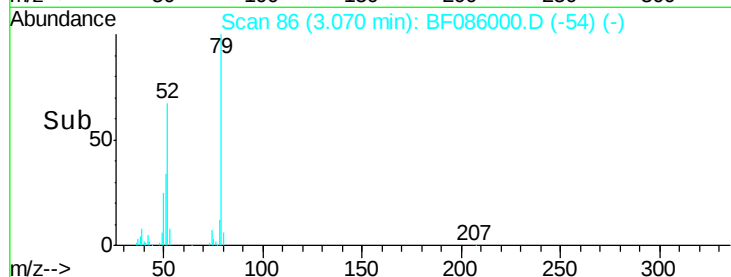
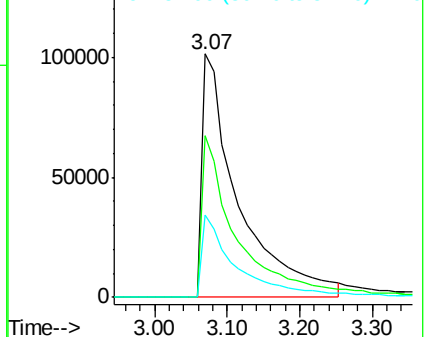
51 34.0 24.7 37.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.06 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.08 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

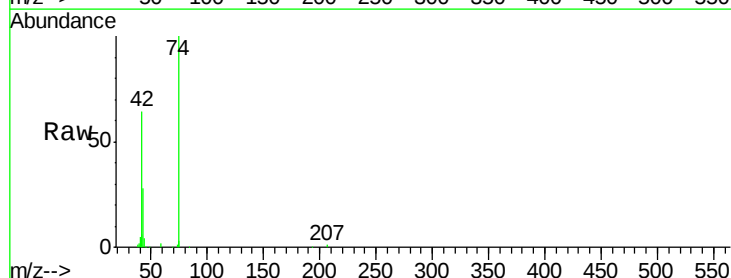
Tgt Ion: 42 Resp: 155117

Ion Ratio Lower Upper

42 100

74 157.4 121.4 182.2

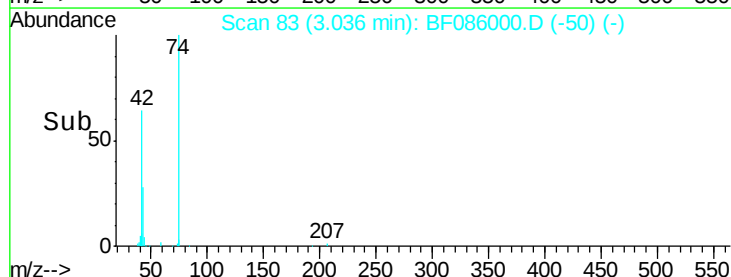
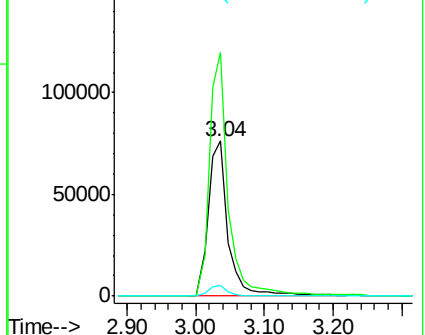
44 6.5 5.6 8.4

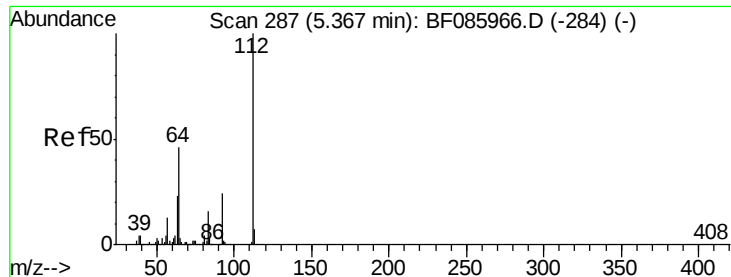


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 126.90 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

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ClientSampleId :

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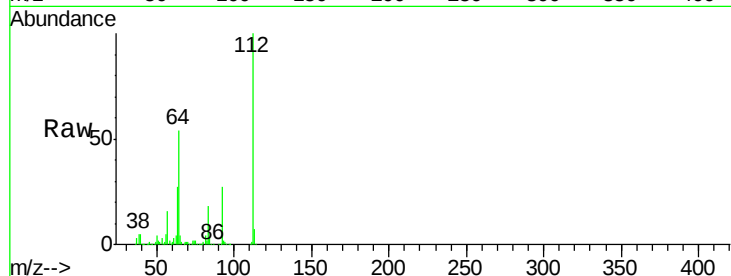
Tgt Ion: 112 Resp: 915639

Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

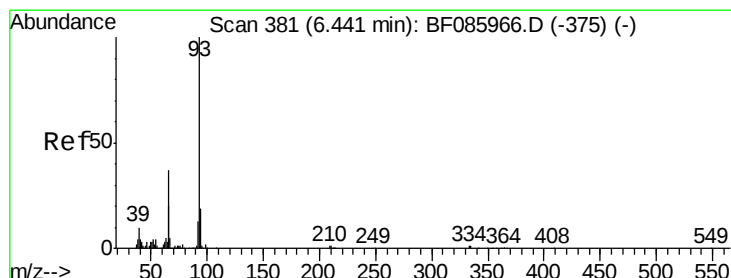
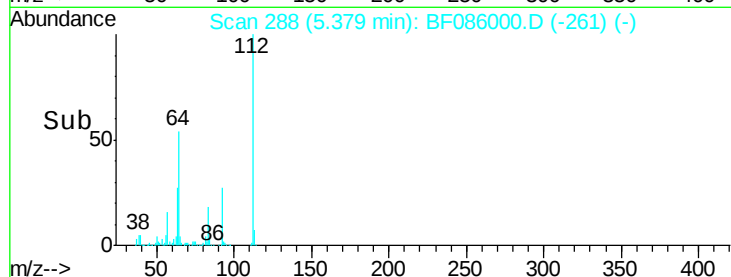
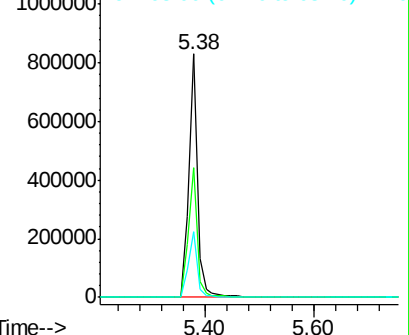
63 27.0 20.2 30.2



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: 31.93 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

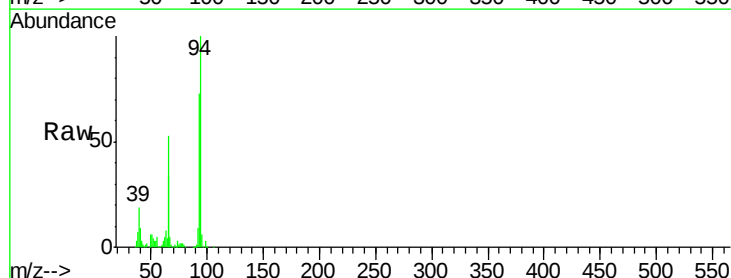
Tgt Ion: 93 Resp: 383973

Ion Ratio Lower Upper

93 100

66 73.0 31.4 47.2#

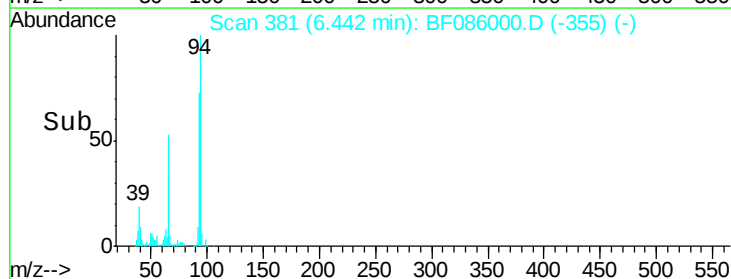
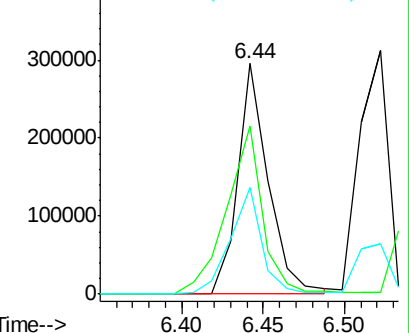
65 46.1 15.7 23.5#

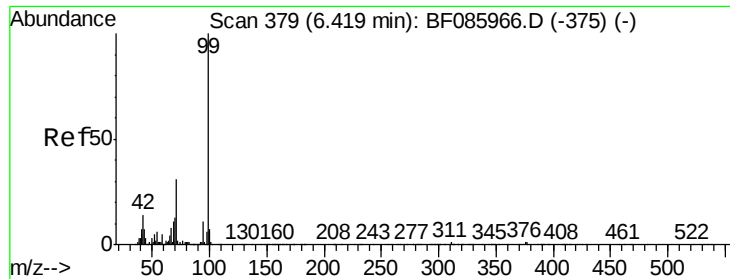


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.61 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

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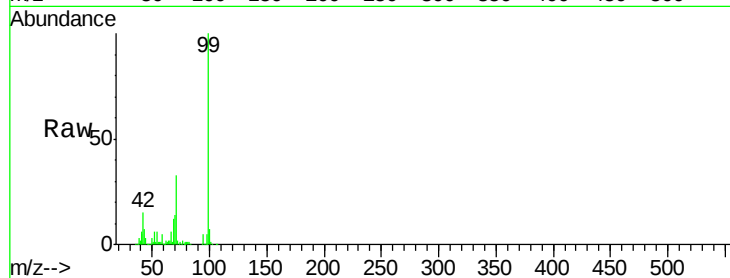
Tgt Ion: 99 Resp: 1242781

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

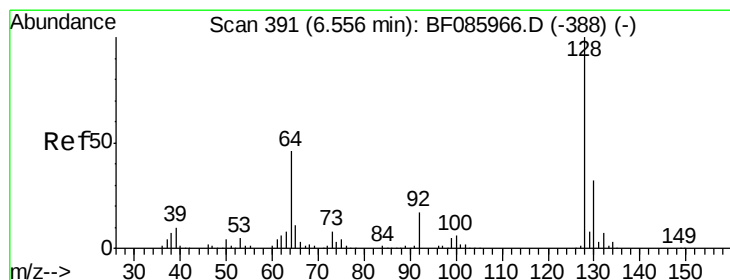
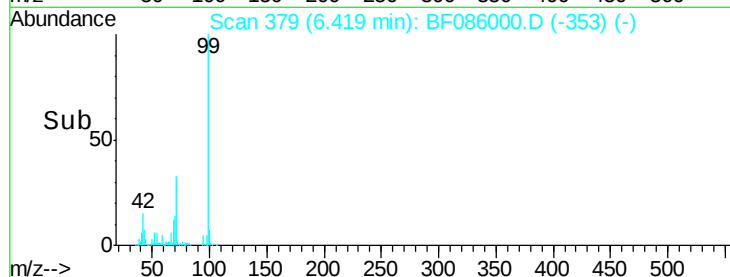
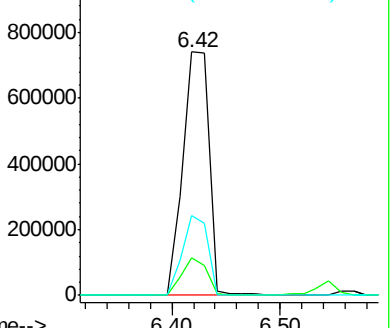
71 32.7 24.9 37.3



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: 42.46 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

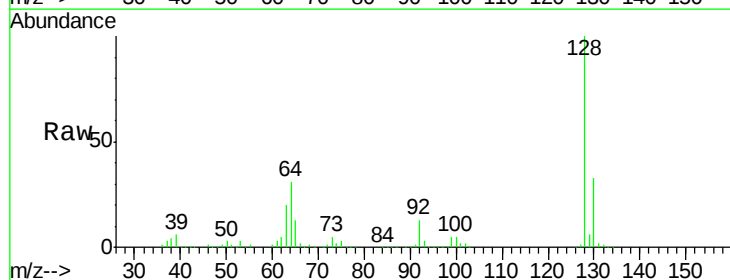
Tgt Ion: 128 Resp: 365369

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

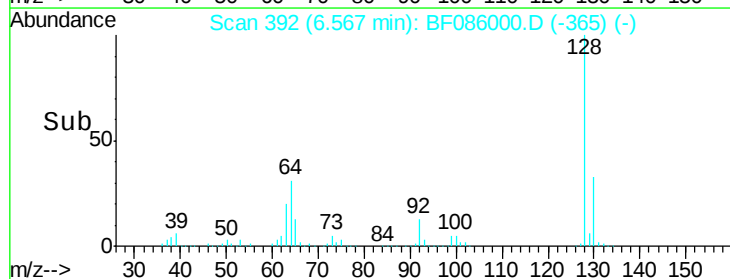
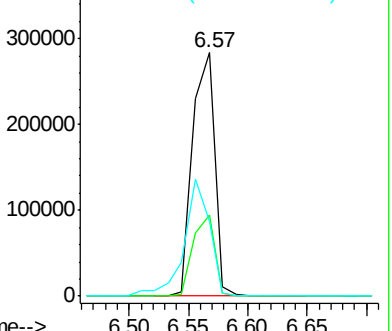
64 30.8 20.2 60.2

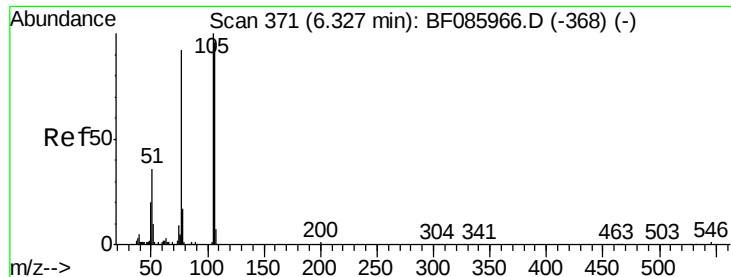


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.40 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

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ClientSampleId :

BH-1(0-2)MS

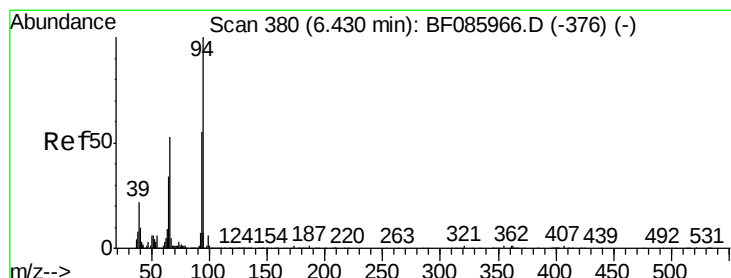
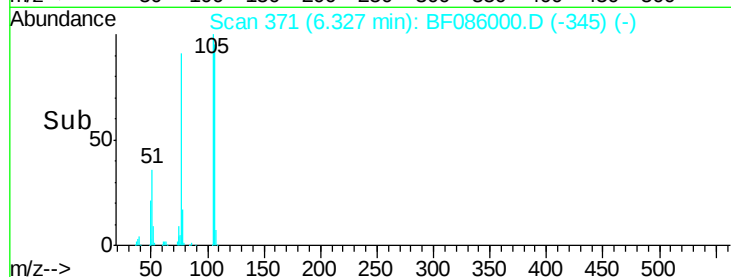
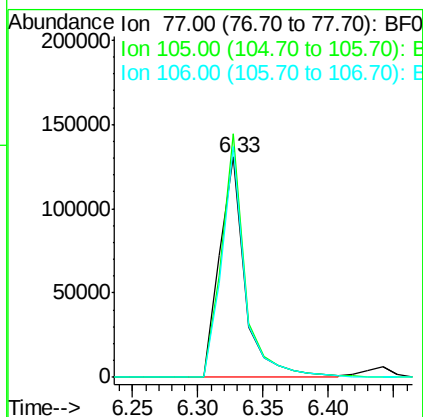
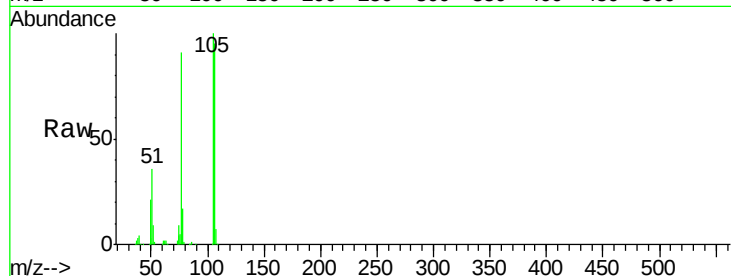
Tgt Ion: 77 Resp: 179489

Ion Ratio Lower Upper

77 100

105 110.5 80.1 120.1

106 104.5 75.0 115.0



#10

Phenol

Concen: 44.69 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

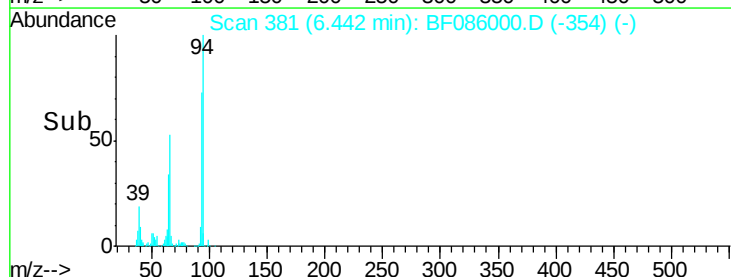
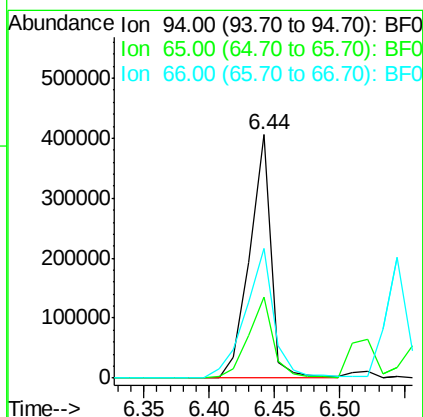
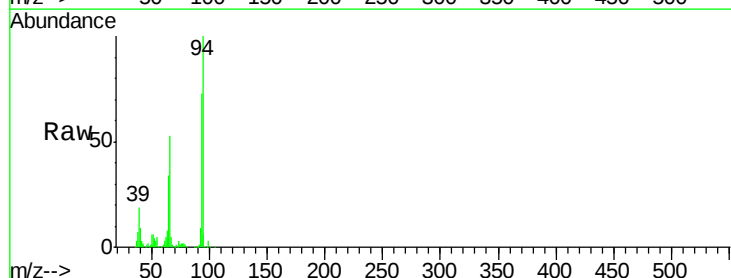
Tgt Ion: 94 Resp: 467142

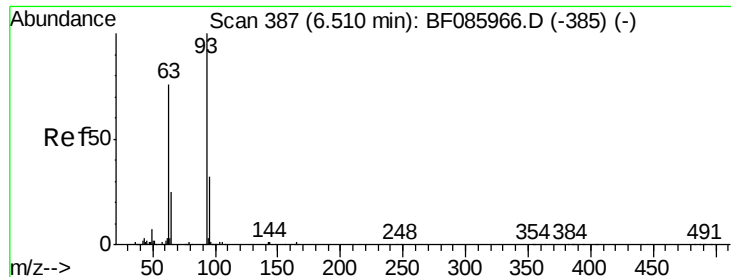
Ion Ratio Lower Upper

94 100

65 33.5 8.6 48.6

66 53.1 20.0 60.0

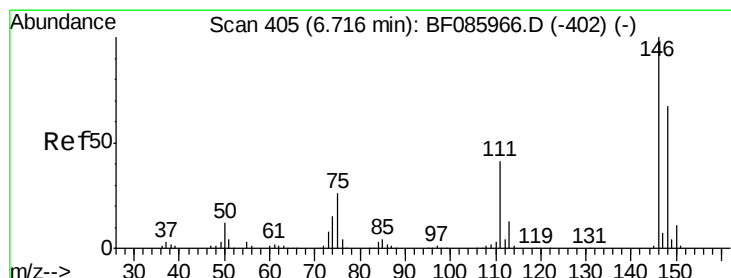
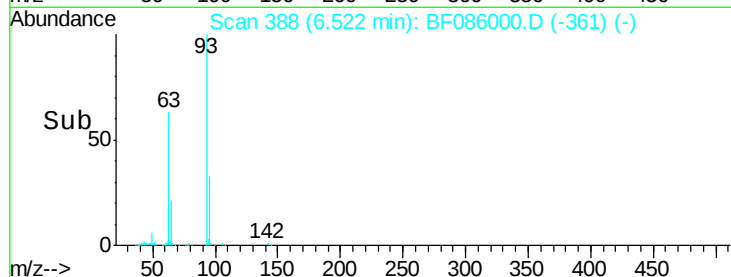
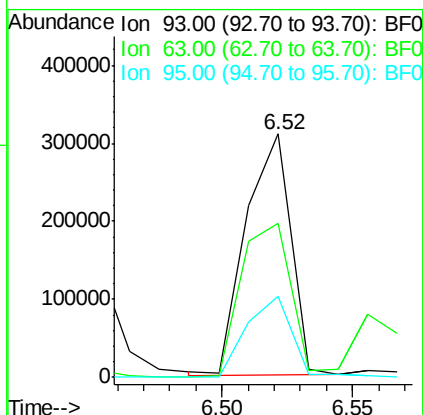
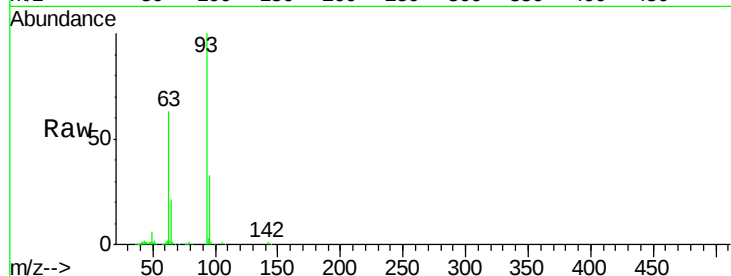




#11
bis(2-Chloroethyl)ether
Concen: 44.37 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

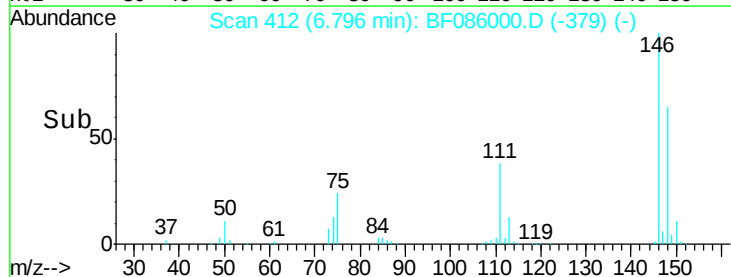
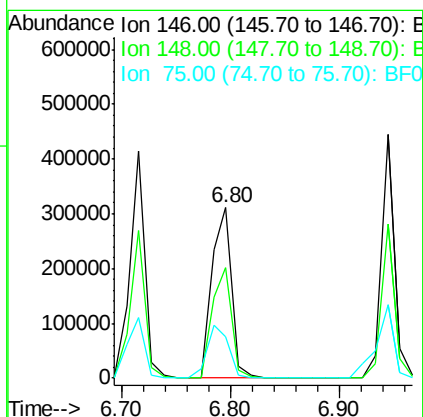
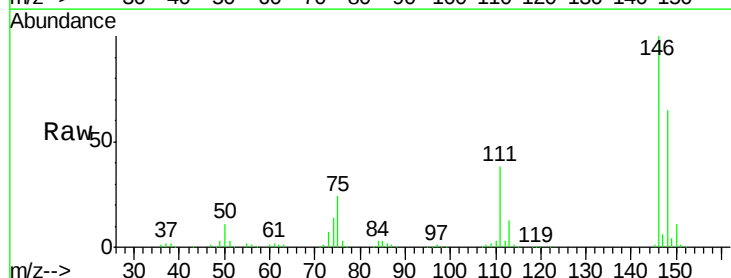
Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

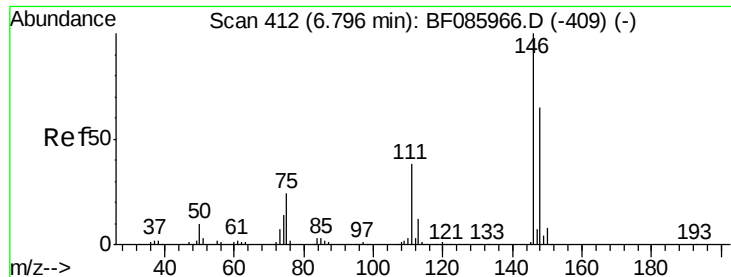
Tgt Ion: 93 Resp: 367328
Ion Ratio Lower Upper
93 100
63 63.3 50.9 90.9
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 43.46 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.08 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion: 146 Resp: 396360
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 24.0 17.4 26.2





#13

1,4-Dichlorobenzene

Concen: 42.19 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

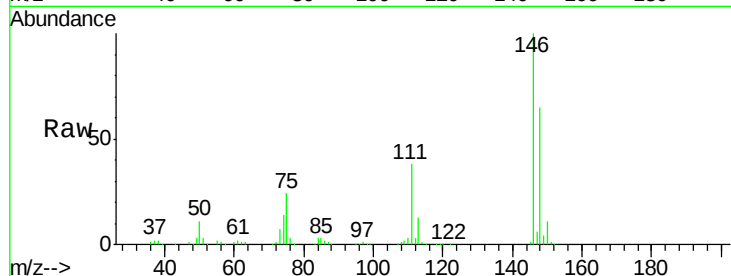
Tgt Ion:146 Resp: 396360

Ion Ratio Lower Upper

146 100

148 65.1 50.6 76.0

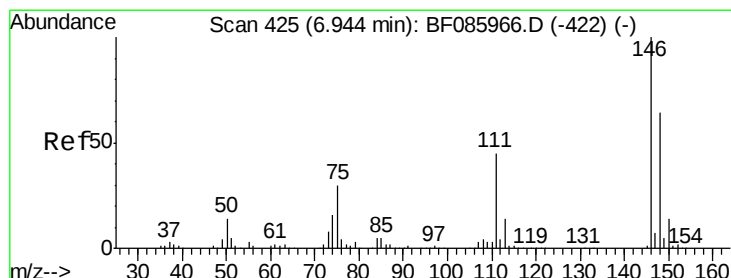
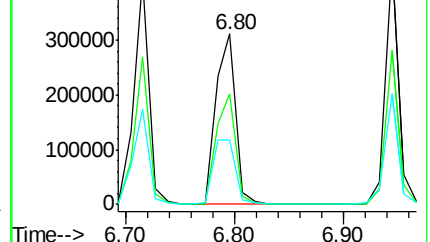
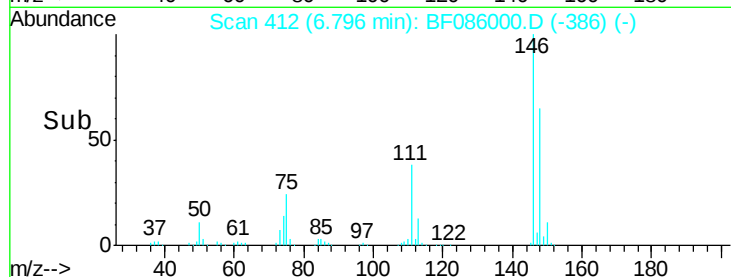
111 38.0 37.8 56.6



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: 43.40 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

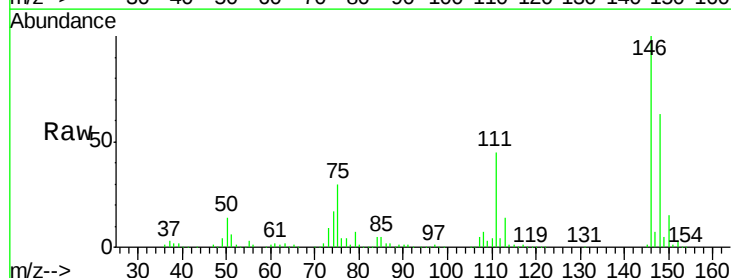
Tgt Ion:146 Resp: 375338

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.2

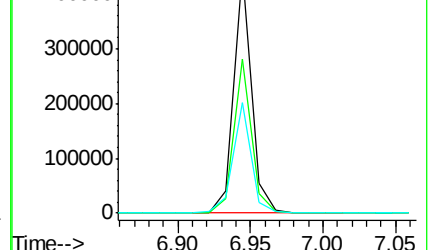
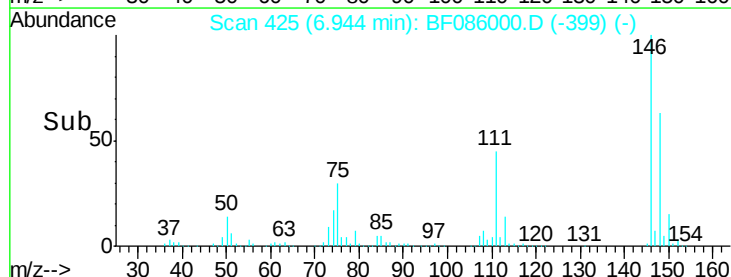
111 45.2 34.6 52.0

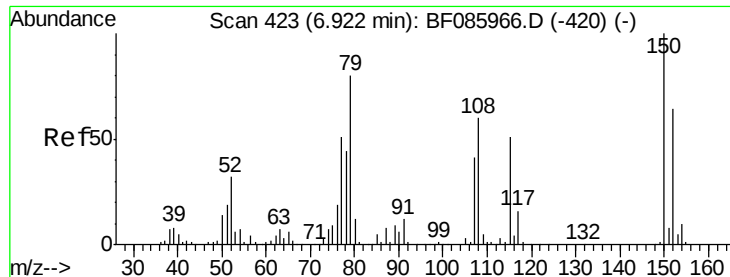


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

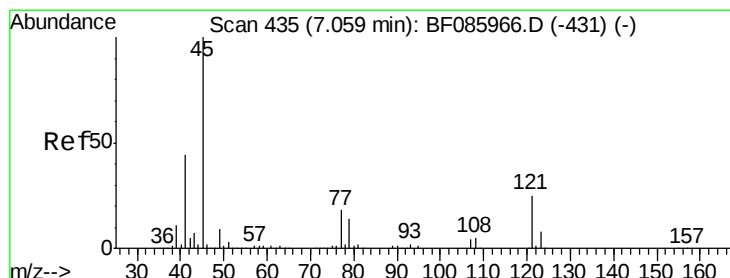
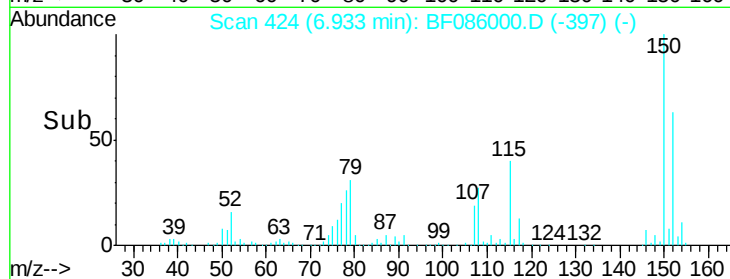
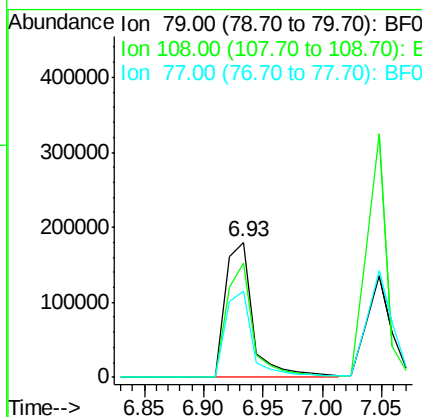
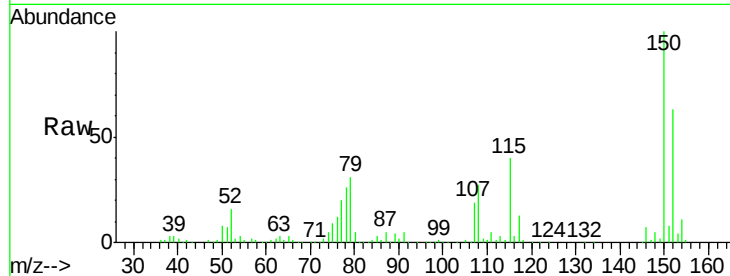




#15
Benzyl Alcohol
Concen: 48.40 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

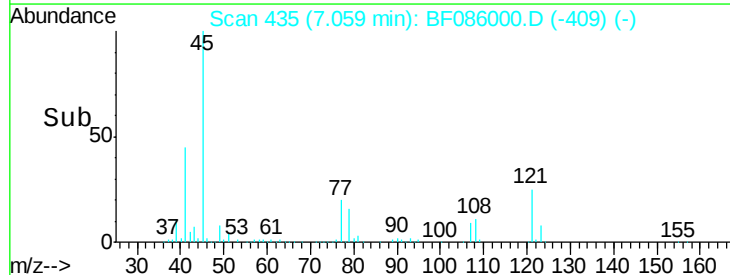
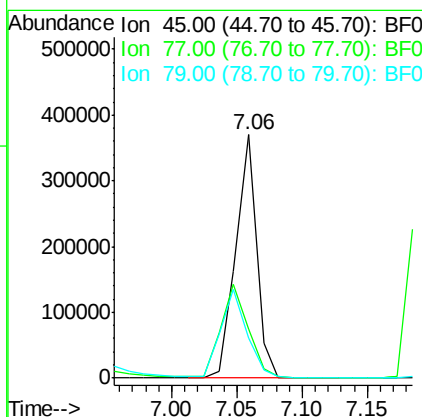
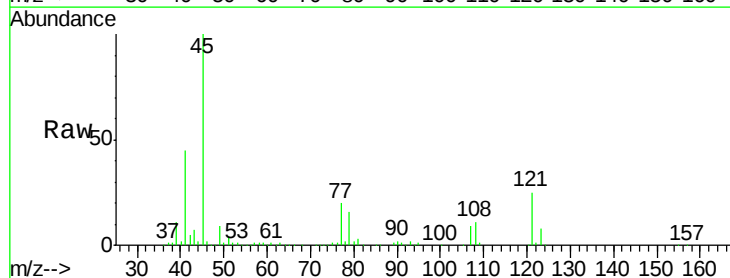
Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

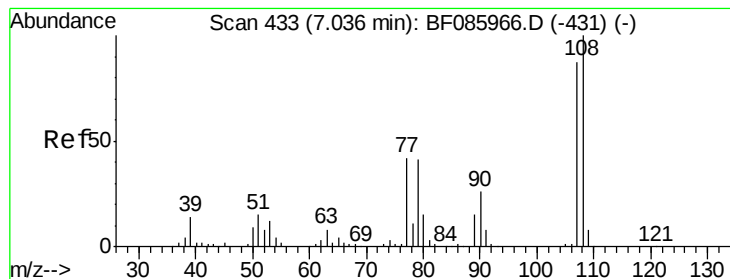
Tgt Ion: 79 Resp: 286987
Ion Ratio Lower Upper
79 100
108 85.1 61.8 92.6
77 63.9 49.6 74.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.58 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion: 45 Resp: 410357
Ion Ratio Lower Upper
45 100
77 20.0 0.0 35.7
79 16.3 0.0 32.2





#17

2-Methylphenol

Concen: 47.61 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tgt Ion:107 Resp: 322968

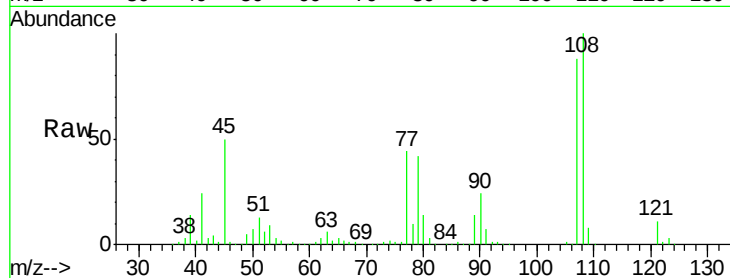
Ion Ratio Lower Upper

107 100

108 114.2 91.4 137.0

77 49.9 36.2 54.2

79 47.8 35.8 53.8

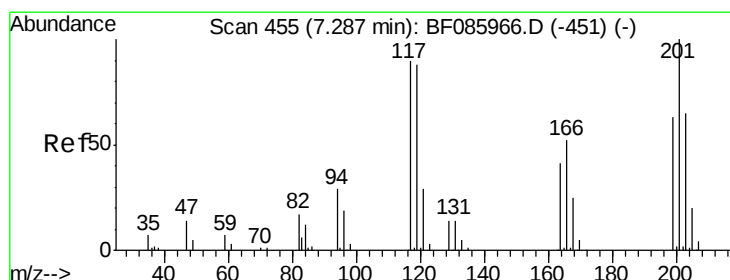
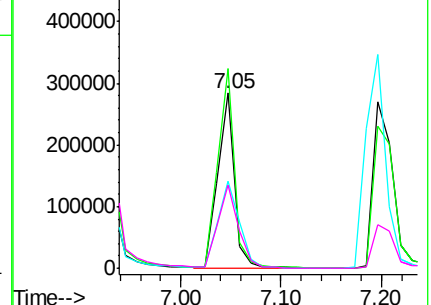
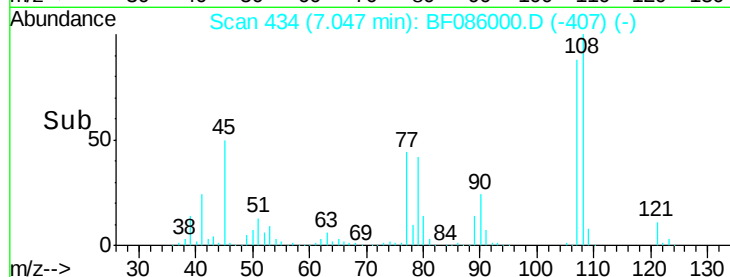


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.09 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

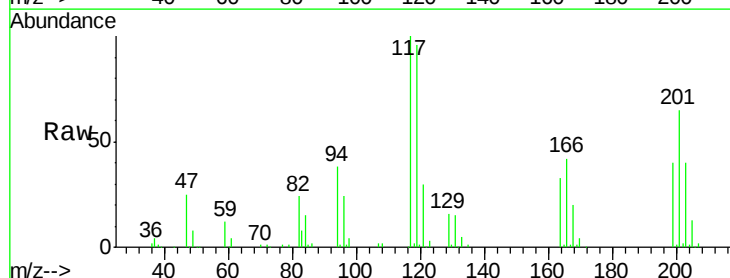
Tgt Ion:117 Resp: 145455

Ion Ratio Lower Upper

117 100

119 95.7 76.7 115.1

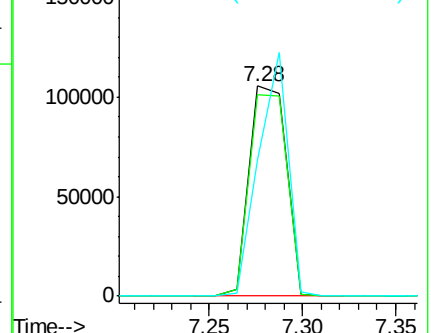
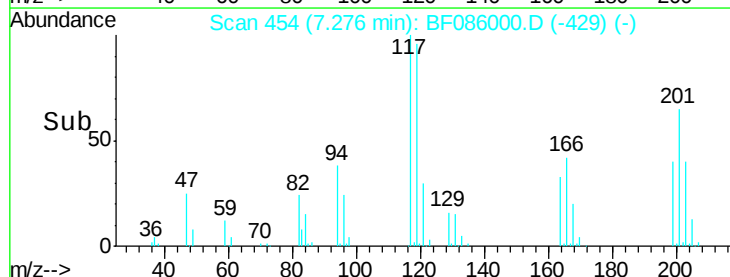
201 64.7 83.3 124.9#

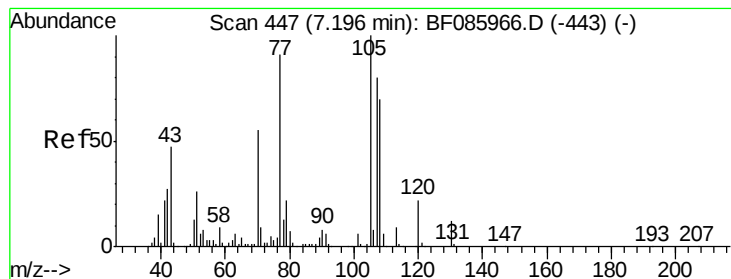


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.03 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tgt Ion: 70 Resp: 233064

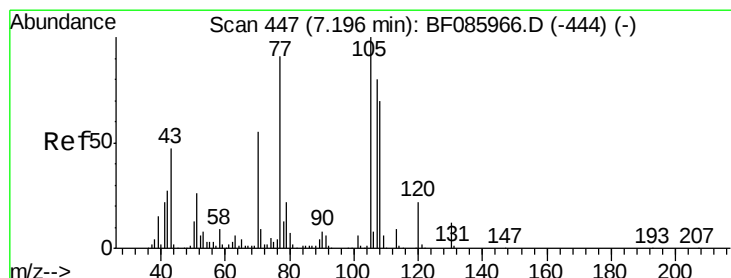
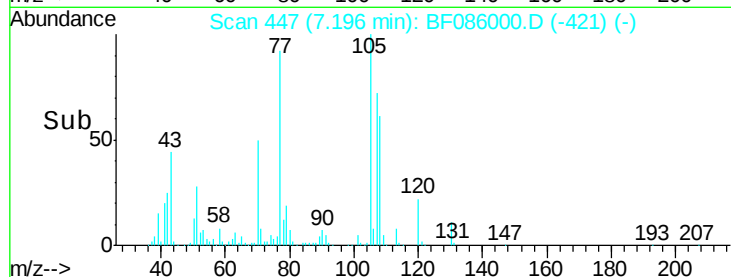
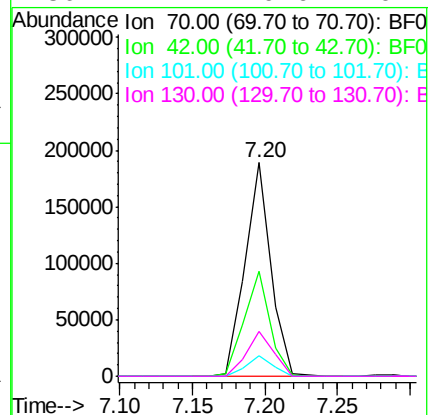
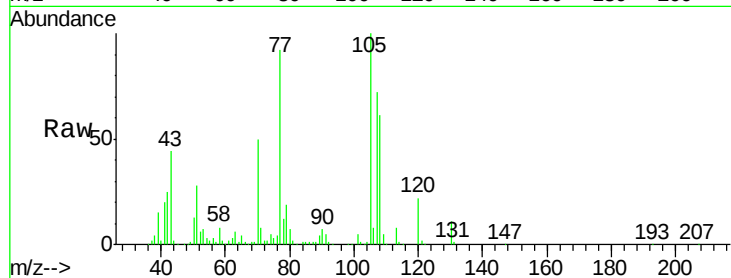
Ion Ratio Lower Upper

70 100

42 48.9 37.1 55.7

101 9.7 8.6 12.8

130 21.1 19.6 29.4



#20

3+4-Methylphenols

Concen: 44.99 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion: 107 Resp: 371264

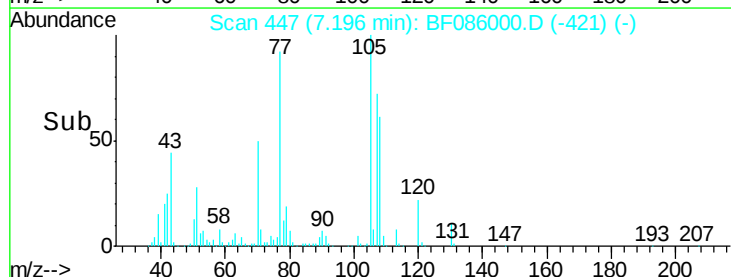
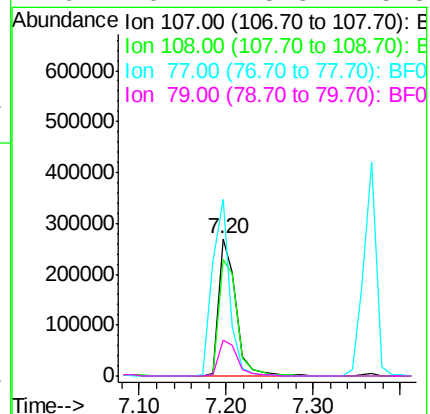
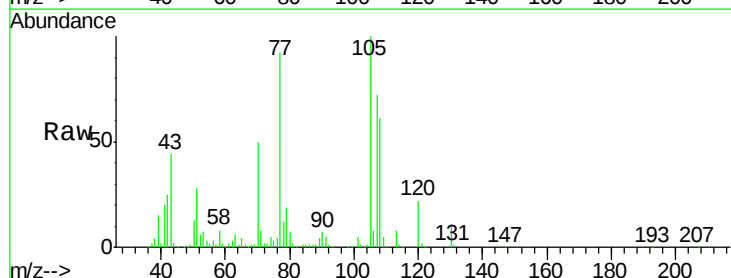
Ion Ratio Lower Upper

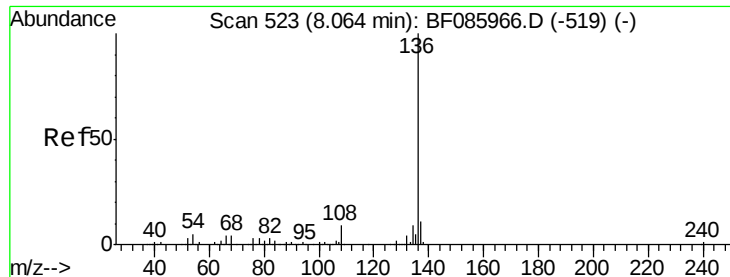
107 100

108 85.3 69.3 109.3

77 128.5 101.7 141.7

79 26.2 8.3 48.3

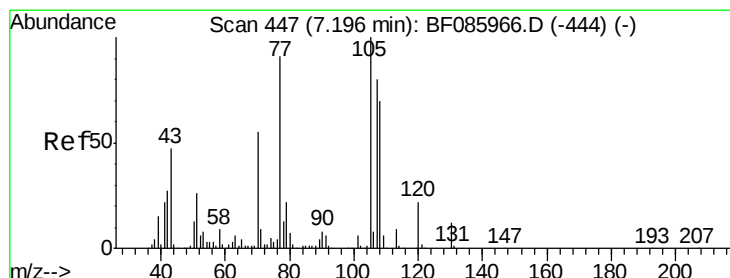
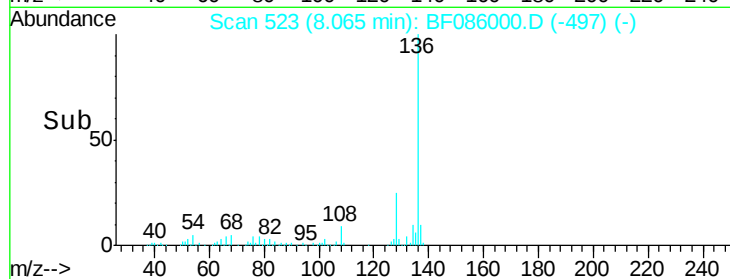
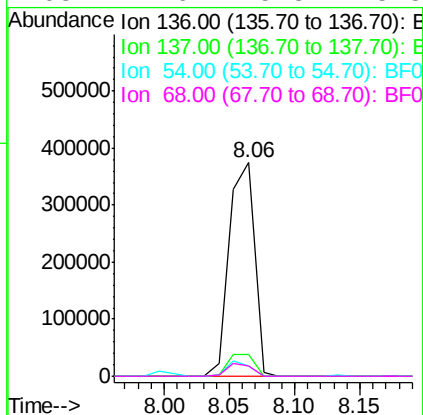
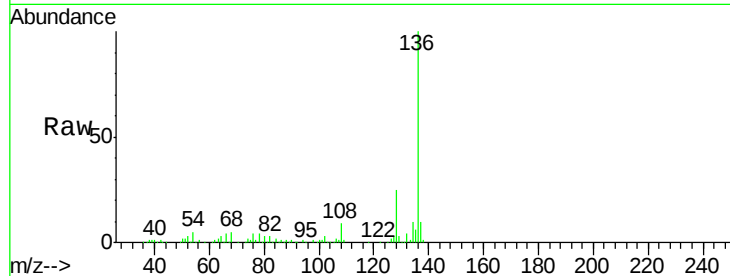




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

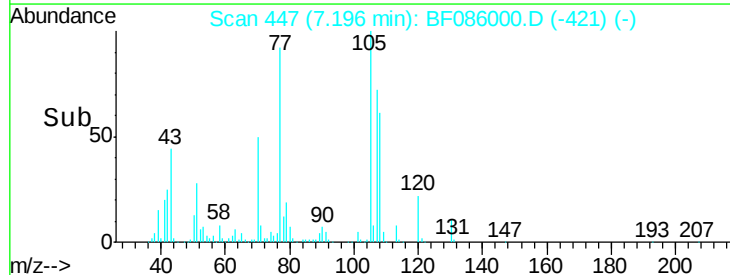
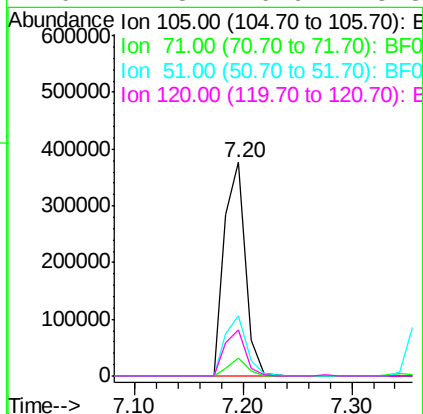
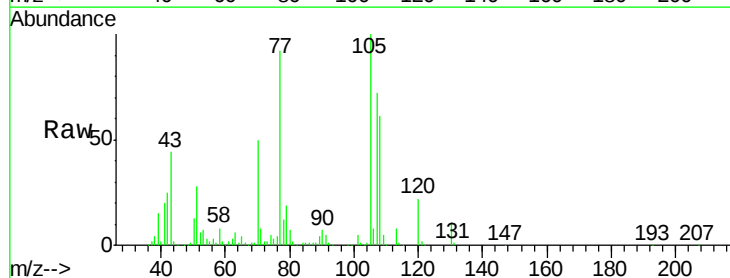
Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

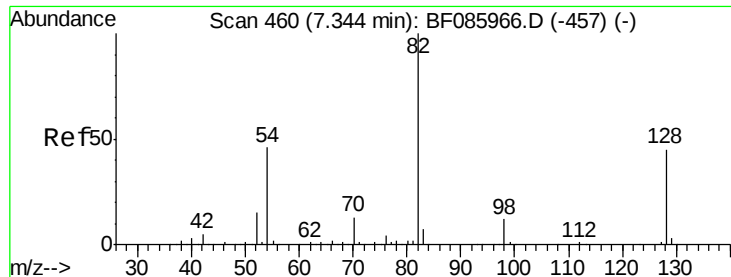
Tgt Ion:	136	Resp:	501901
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.1	7.4	11.0#
68	4.6	5.8	8.8#



#22
Acetophenone
Concen: 42.77 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion:	105	Resp:	504578
Ion	Ratio	Lower	Upper
105	100		
71	8.3	3.6	5.4#
51	28.0	25.4	38.0
120	21.8	16.9	25.3

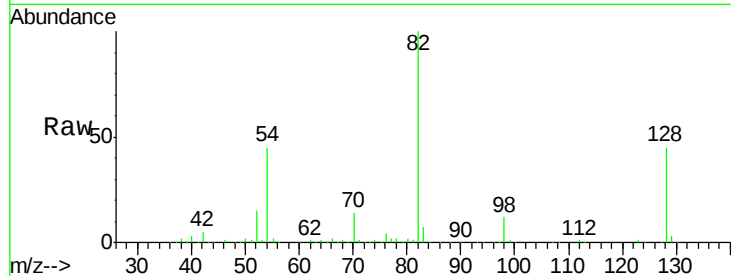




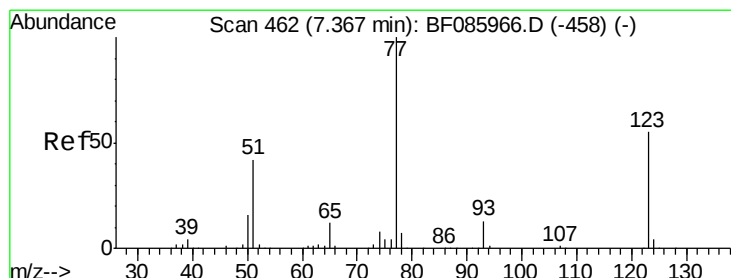
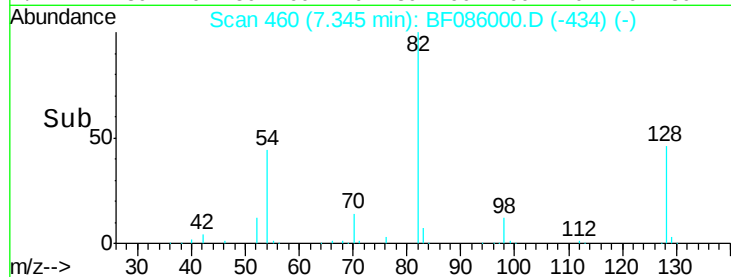
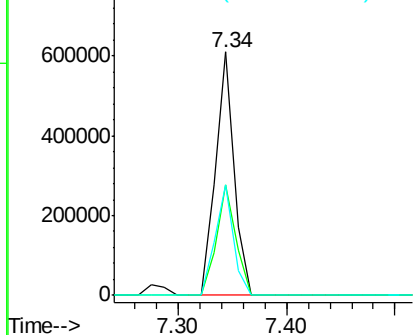
#23
 Nitrobenzene-d5
 Concen: 85.79 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion: 82 Resp: 730170
 Ion Ratio Lower Upper
 82 100
 128 45.5 41.8 62.8
 54 45.4 33.4 50.0

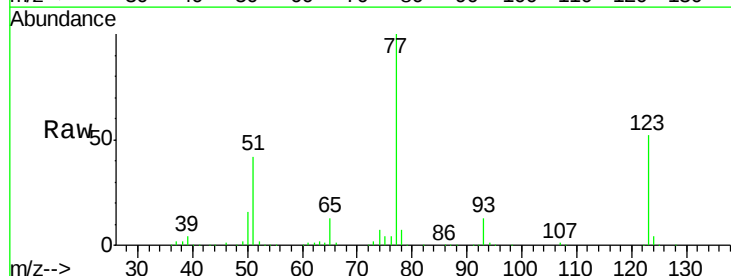


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

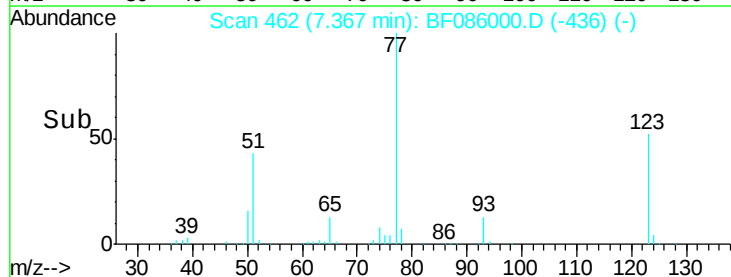
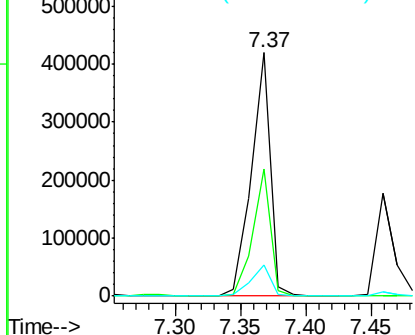


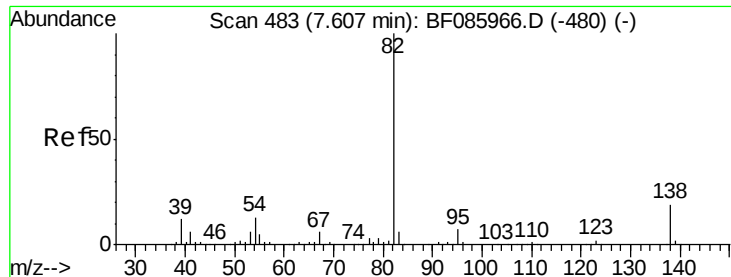
#24
 Nitrobenzene
 Concen: 45.75 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion: 77 Resp: 426001
 Ion Ratio Lower Upper
 77 100
 123 52.4 35.0 52.4
 65 12.6 10.6 16.0



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: 45.61 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

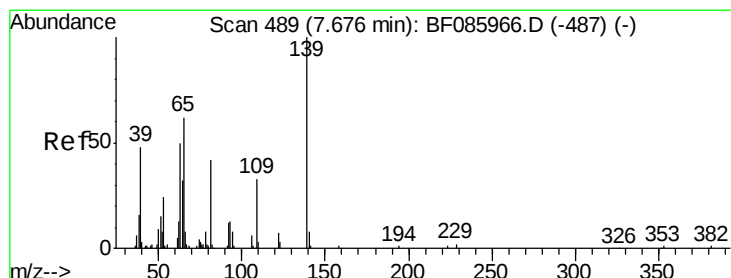
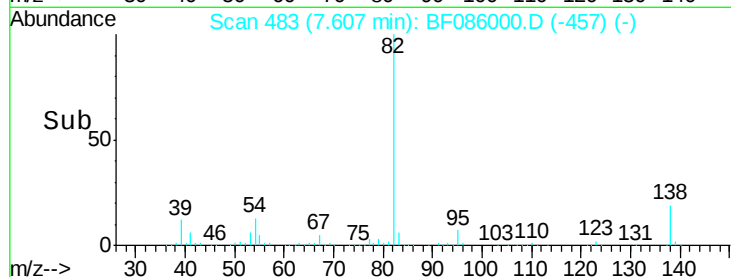
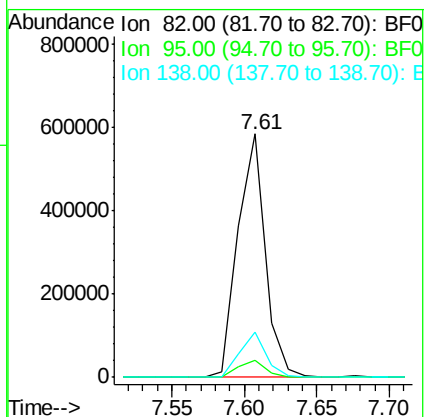
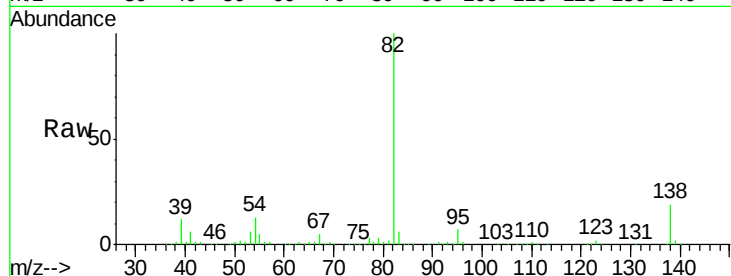
Tgt Ion: 82 Resp: 766329

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 18.8 12.9 19.3



#26

2-Nitrophenol

Concen: 44.93 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

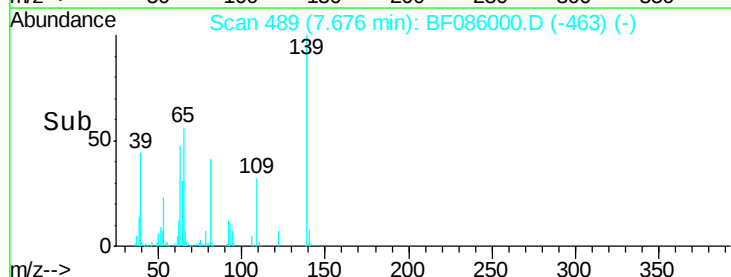
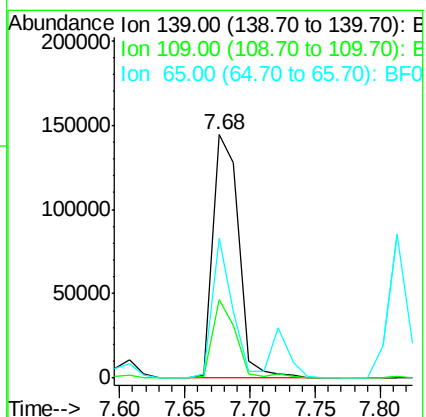
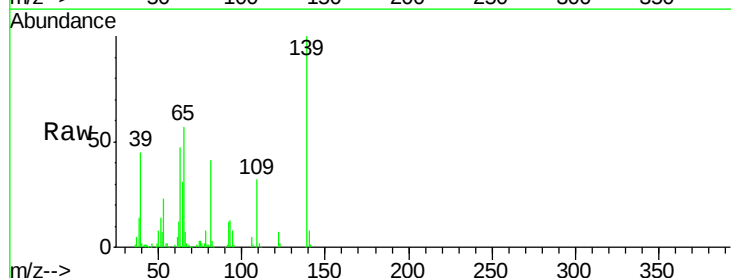
Tgt Ion: 139 Resp: 200138

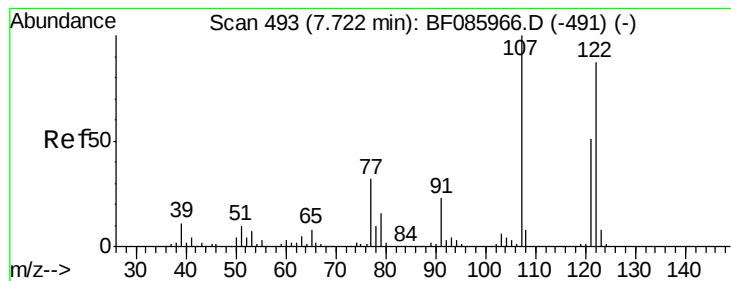
Ion Ratio Lower Upper

139 100

109 32.3 22.1 33.1

65 57.4 33.9 50.9#





#27

2,4-Dimethylphenol

Concen: 41.78 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

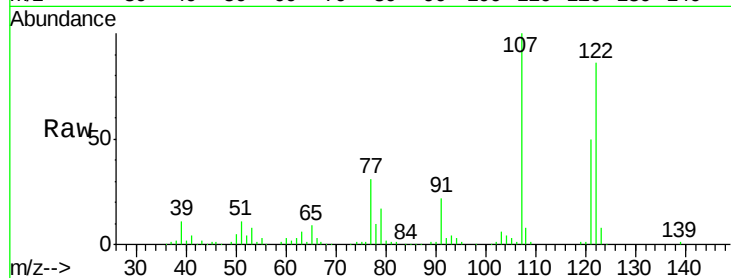
Tgt Ion:122 Resp: 334323

Ion Ratio Lower Upper

122 100

107 116.1 93.0 139.6

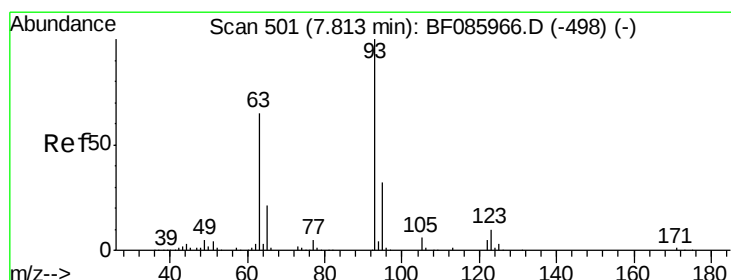
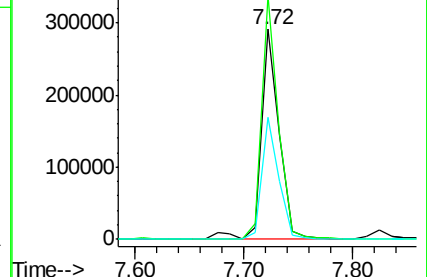
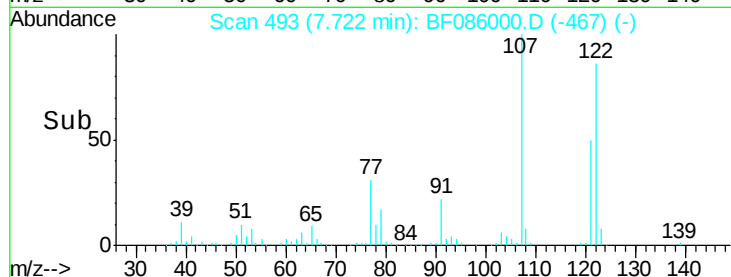
121 58.3 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.85 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

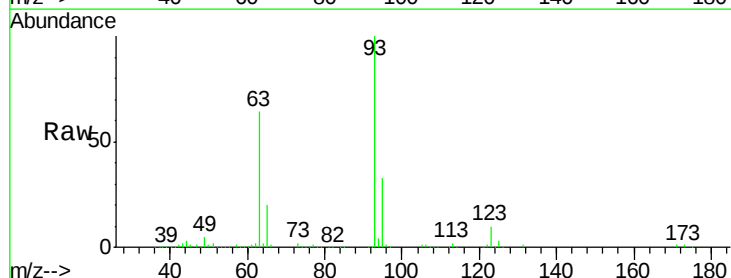
Tgt Ion: 93 Resp: 442079

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

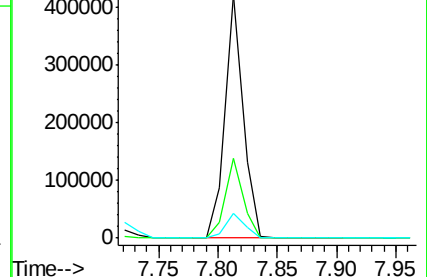
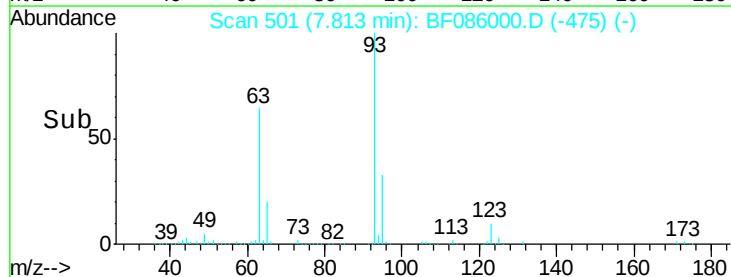
123 10.2 9.8 14.6

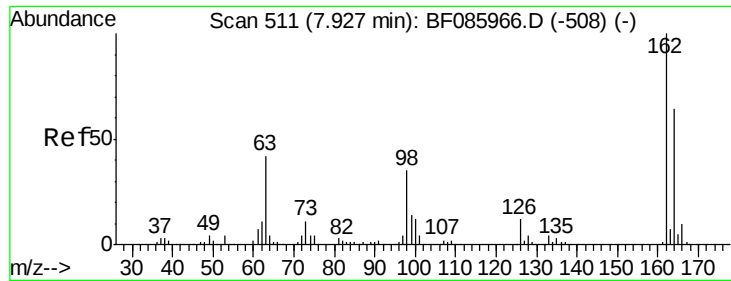


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

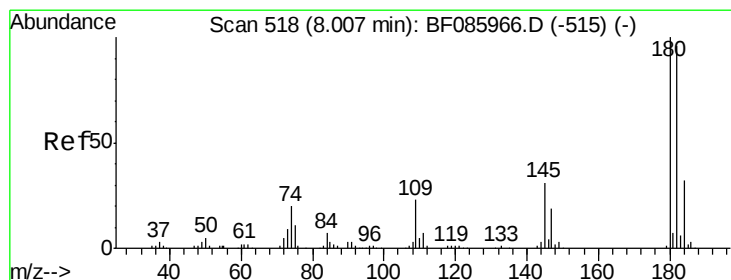
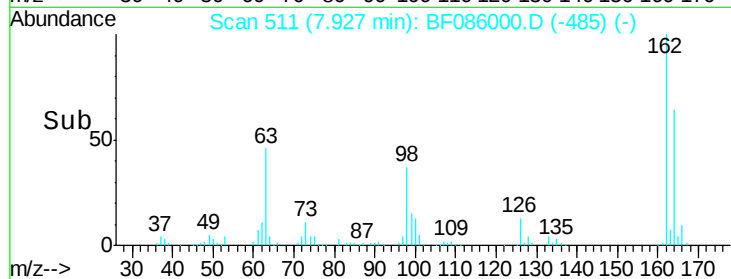
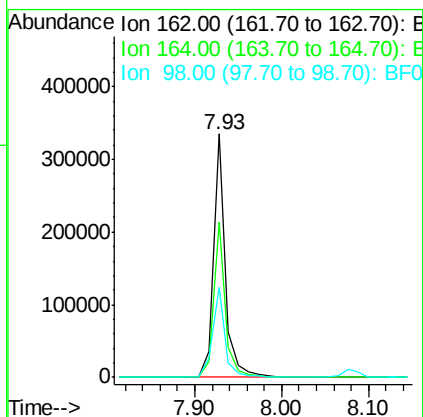
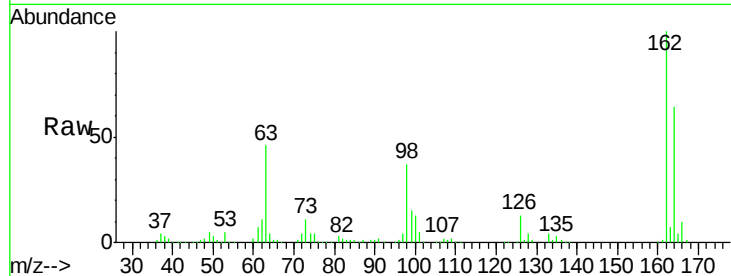




#29
 2,4-Dichlorophenol
 Concen: 47.00 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

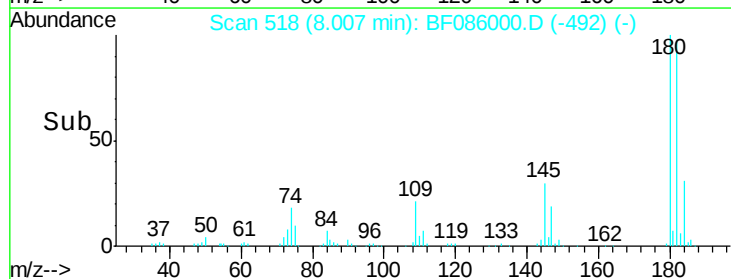
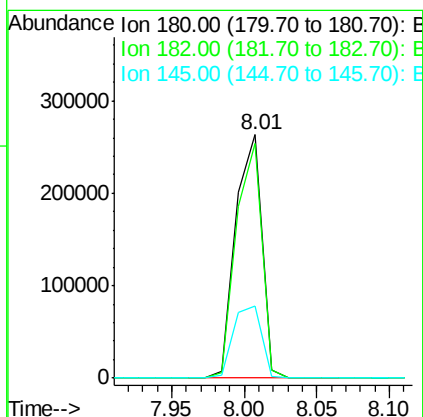
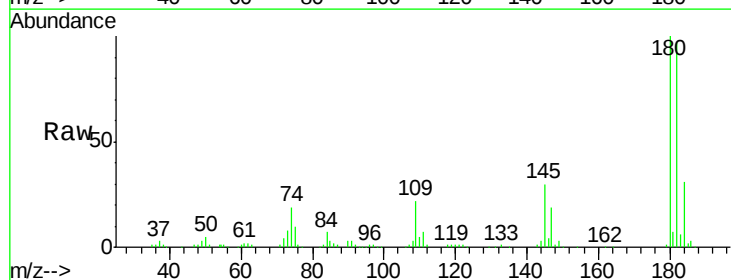
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:162 Resp: 317913
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.7 83.7
 98 36.7 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.52 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:180 Resp: 330456
 Ion Ratio Lower Upper
 180 100
 182 96.5 73.8 110.8
 145 29.7 28.4 42.6





#31

Naphthalene

Concen: 42.41 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

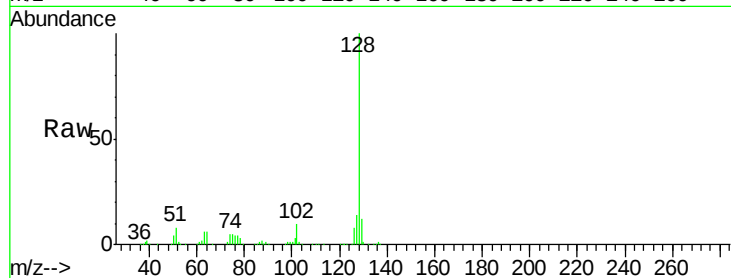
Tgt Ion:128 Resp: 1070703

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

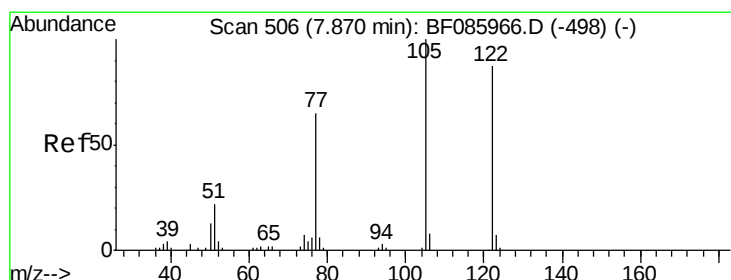
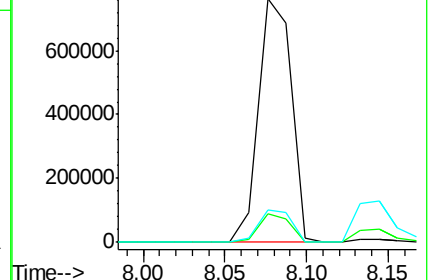
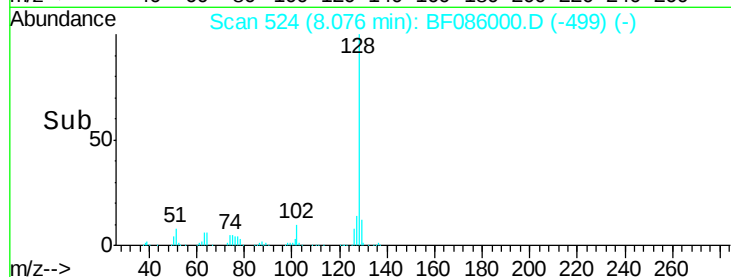
127 13.6 11.0 16.6



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: 3.72 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

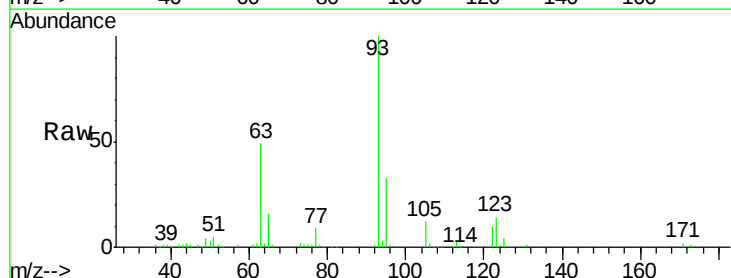
Tgt Ion:122 Resp: 21809

Ion Ratio Lower Upper

122 100

105 115.3 102.9 142.9

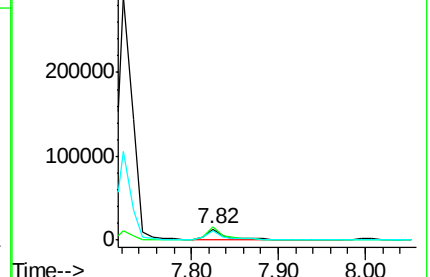
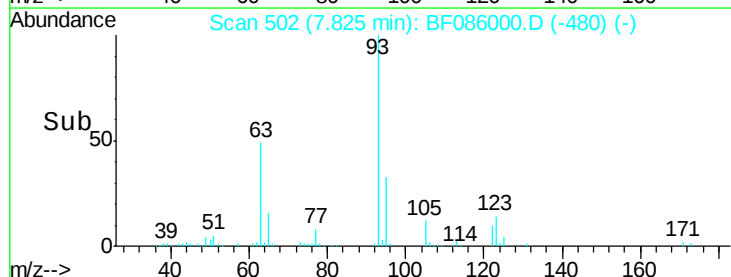
77 87.6 71.8 111.8

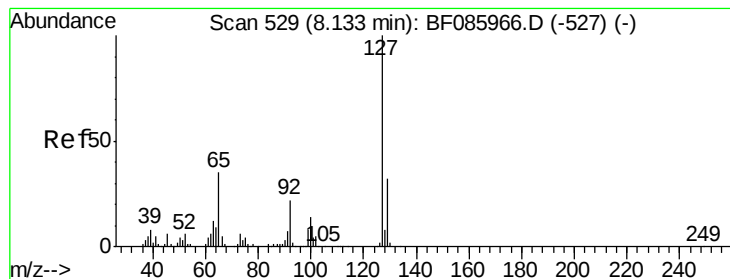


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 23.04 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

Tgt Ion:127 Resp: 234984

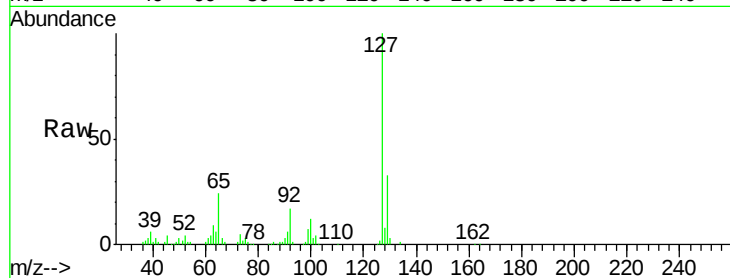
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 24.1 19.5 29.3

92 17.0 14.6 22.0

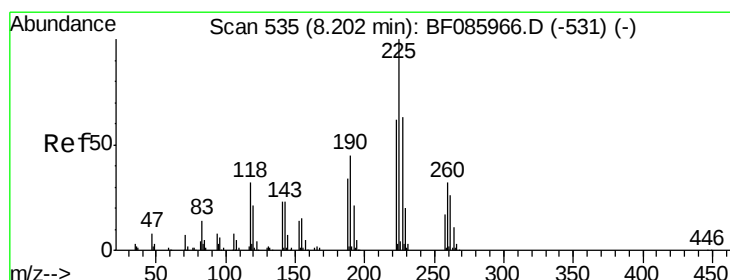
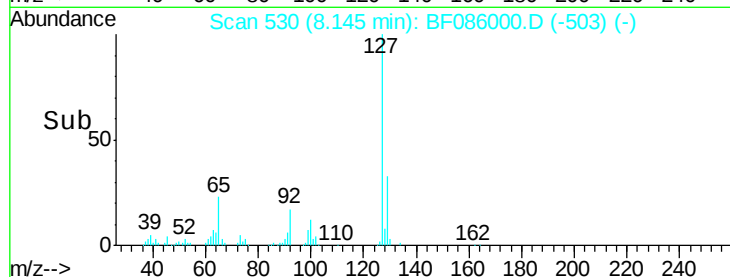
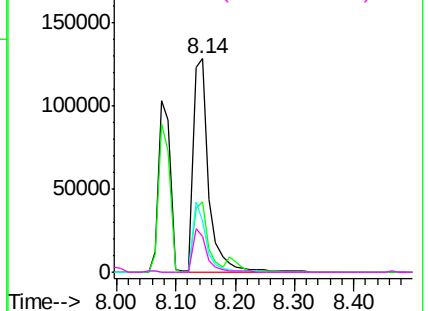


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.76 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

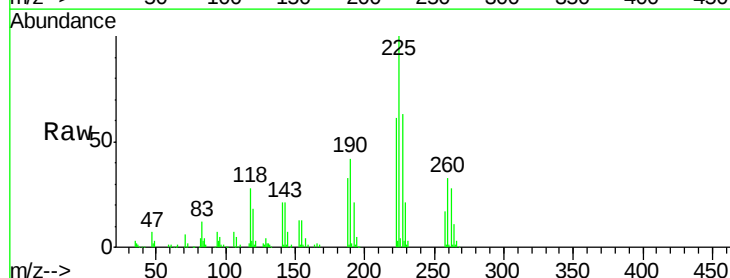
Tgt Ion:225 Resp: 170456

Ion Ratio Lower Upper

225 100

223 61.2 50.4 75.6

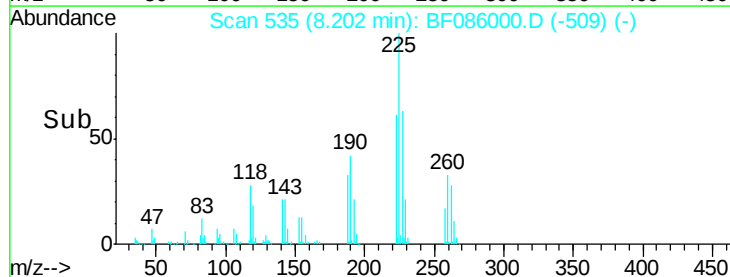
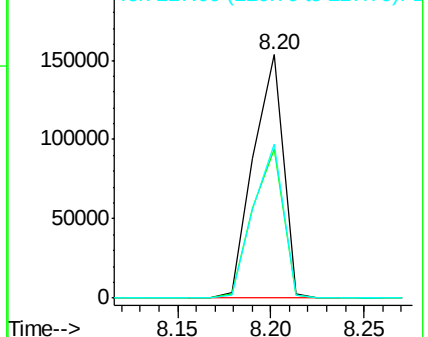
227 63.4 51.4 77.2



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

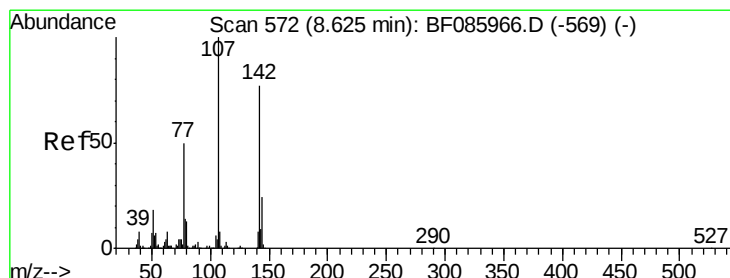
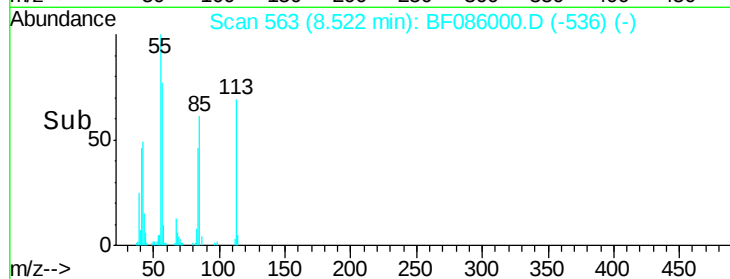
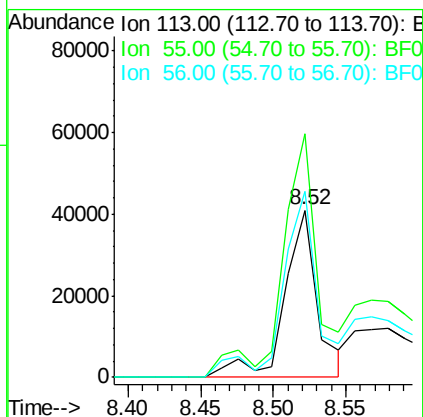
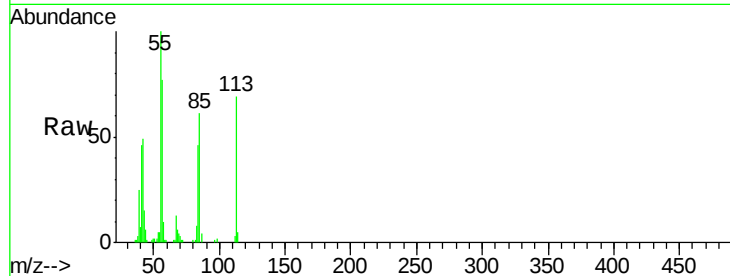




#35
 Caprolactam
 Concen: 29.99 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

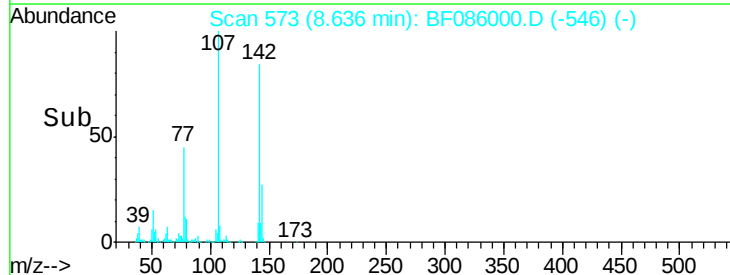
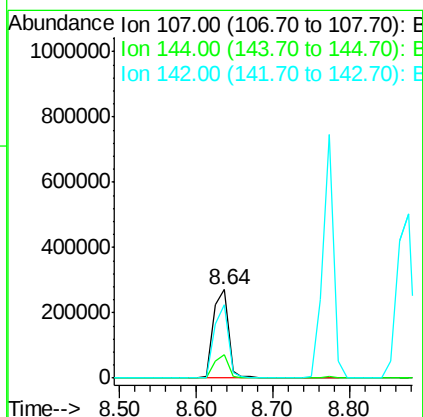
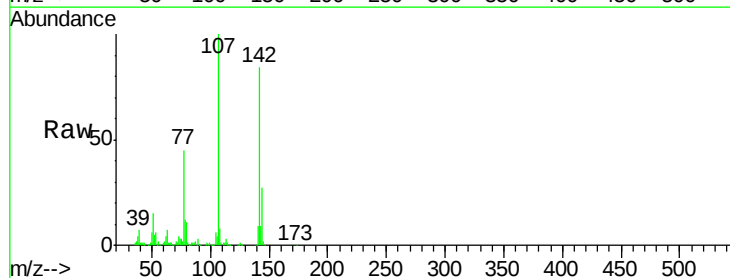
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

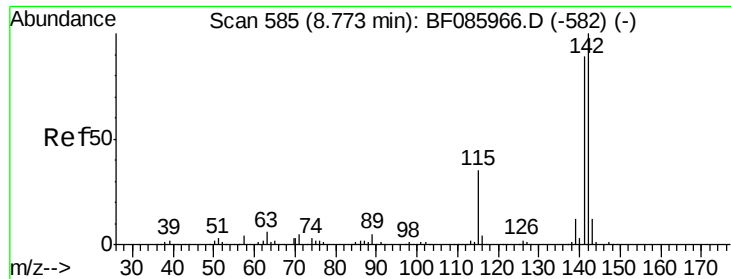
Tgt Ion:113 Resp: 64356
 Ion Ratio Lower Upper
 113 100
 55 145.5 139.4 179.4
 56 111.4 100.4 140.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.78 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:107 Resp: 370905
 Ion Ratio Lower Upper
 107 100
 144 26.7 19.3 28.9
 142 84.0 61.4 92.0

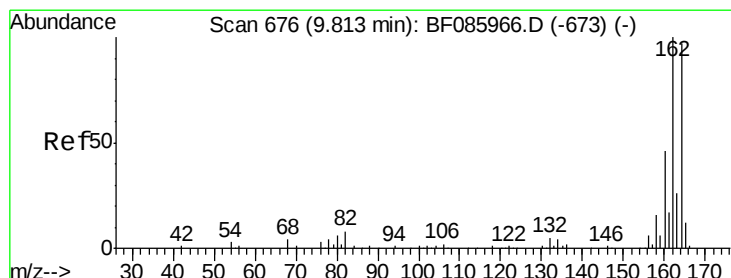
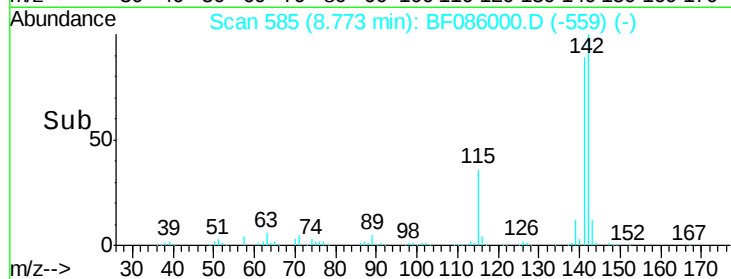
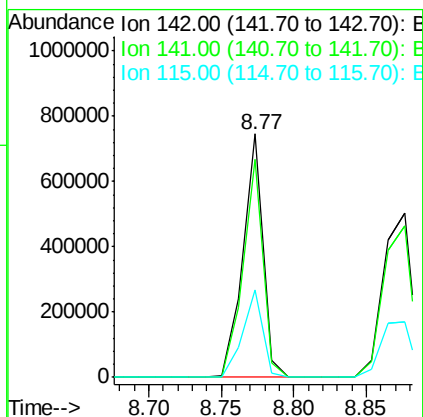
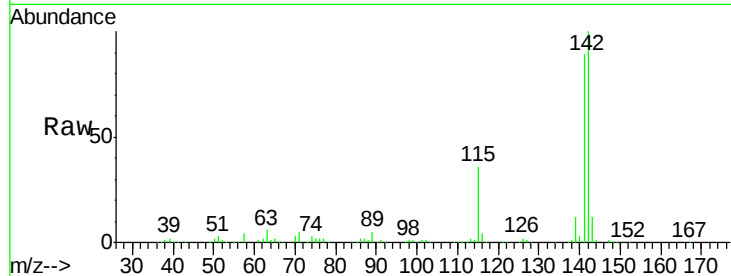




#37
 2-Methylnaphthalene
 Concen: 43.45 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

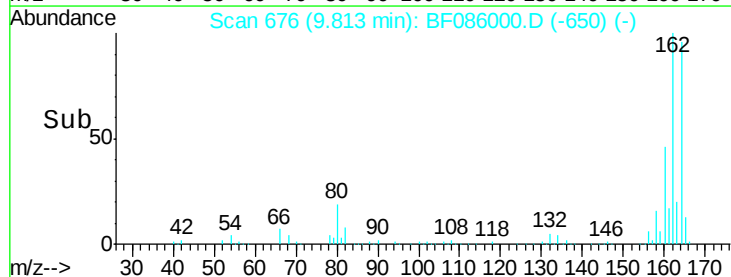
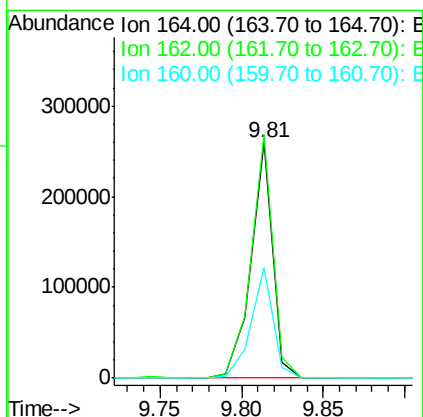
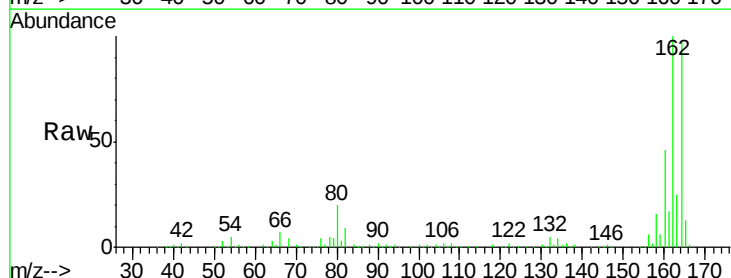
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

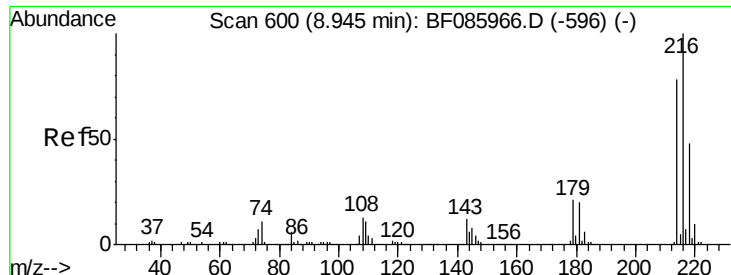
Tgt Ion:142 Resp: 716579
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.6 107.4
 115 35.9 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:164 Resp: 239661
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 47.1 37.4 56.2

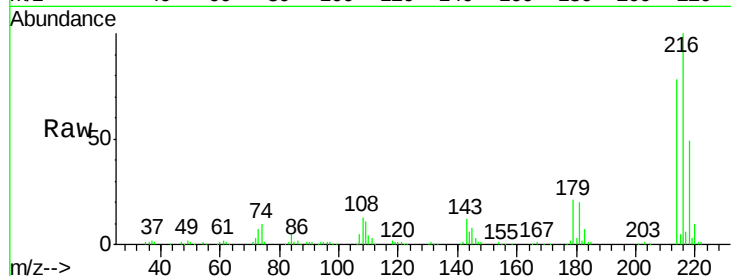




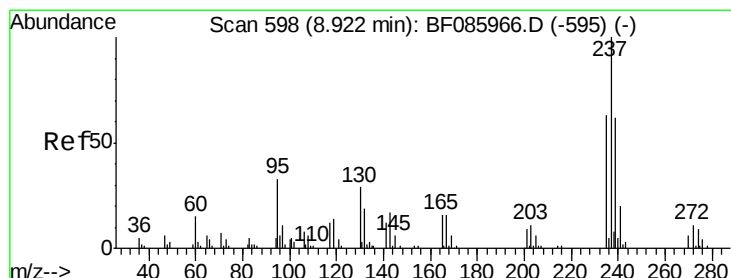
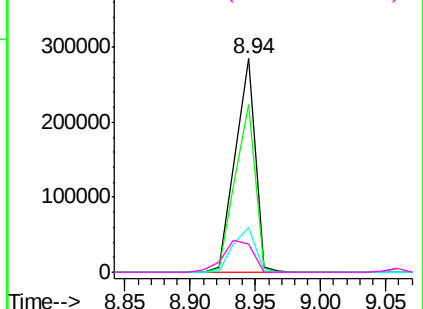
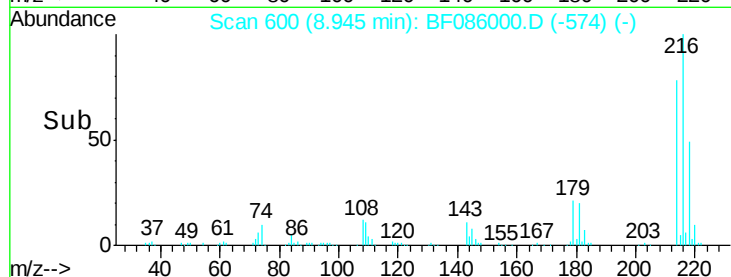
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.02 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:216 Resp: 302641
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.1 94.7
 179 22.8 18.2 27.2
 108 22.0 17.3 25.9

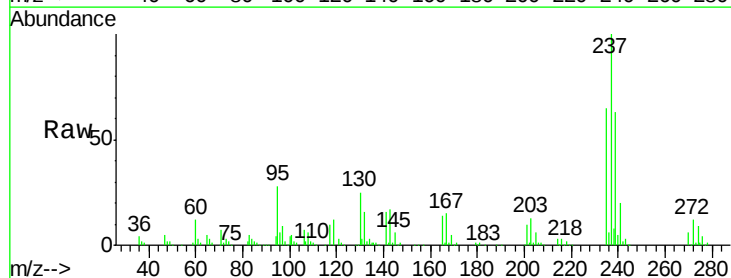


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

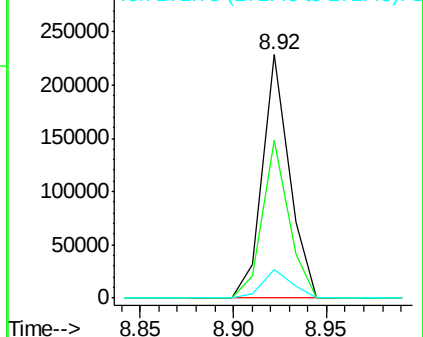
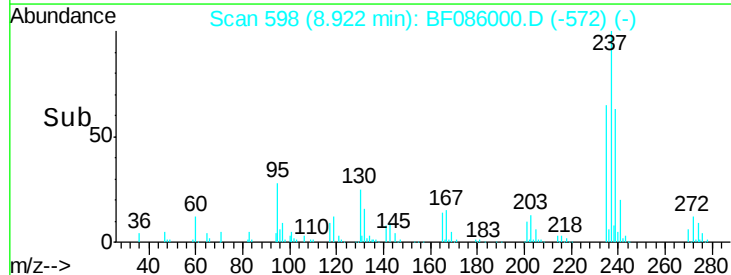


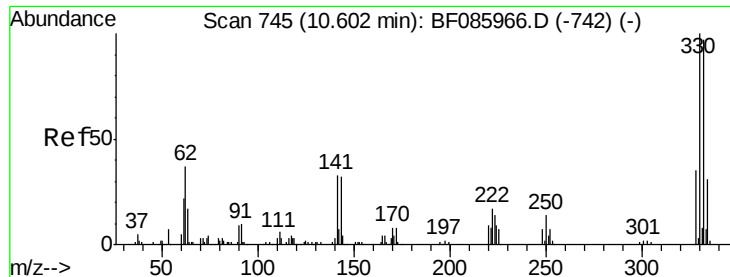
#40
 Hexachlorocyclopentadiene
 Concen: 85.10 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:237 Resp: 227771
 Ion Ratio Lower Upper
 237 100
 235 64.8 43.7 83.7
 272 11.8 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

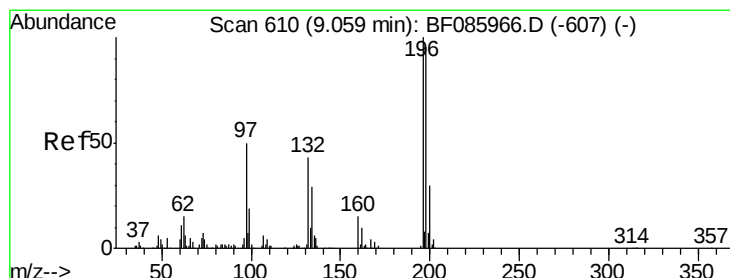
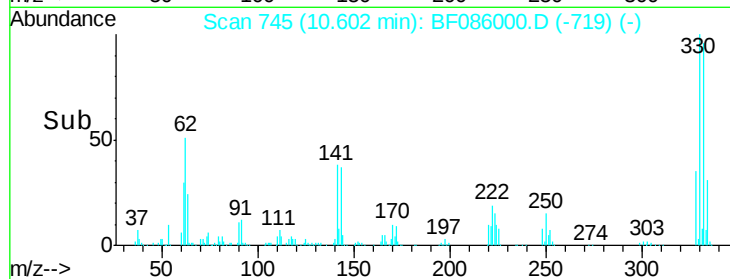
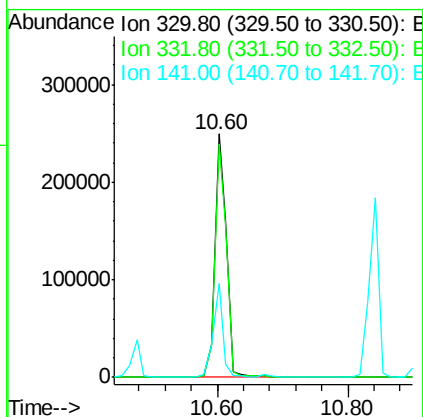
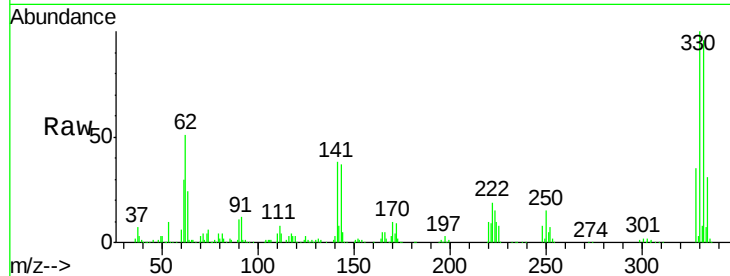




#41
 2,4,6-Tribromophenol
 Concen: 140.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

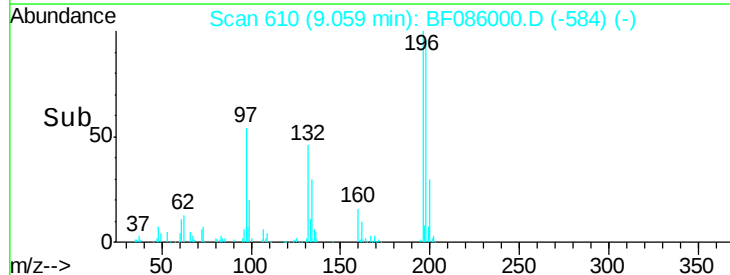
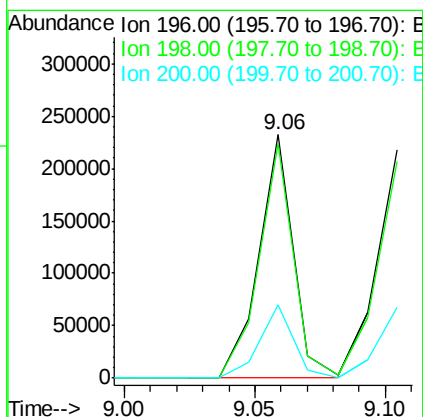
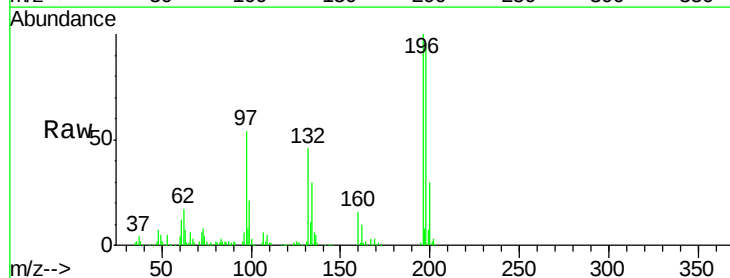
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:330 Resp: 316519
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 32.6 31.5 47.3



#42
 2,4,6-Trichlorophenol
 Concen: 46.40 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:196 Resp: 214609
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.3 112.9
 200 30.3 23.7 35.5

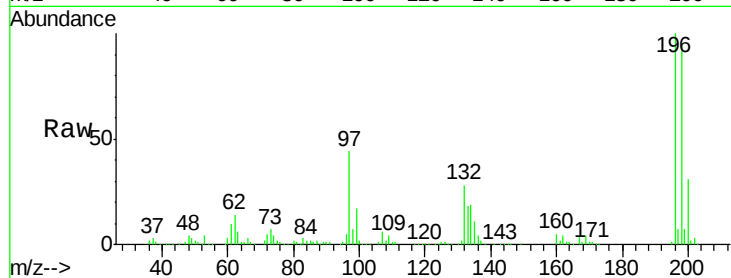




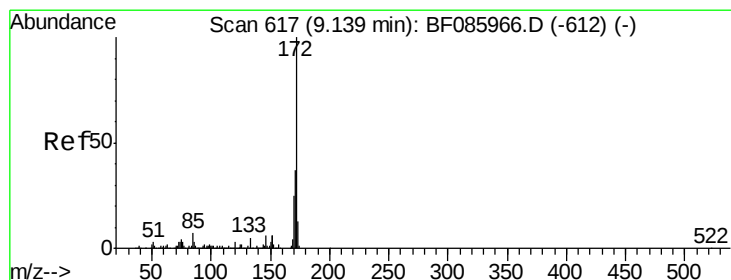
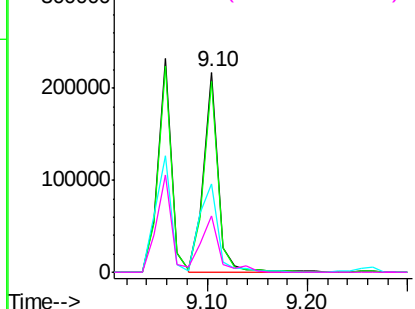
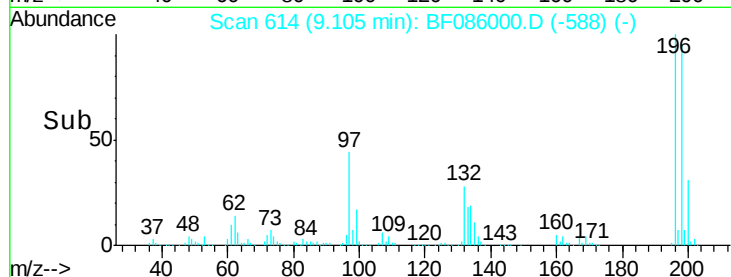
#43
 2,4,5-Trichlorophenol
 Concen: 46.79 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:	196	Resp:	219750
Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	114.8
97	44.2	30.5	45.7
132	28.0	20.2	30.2

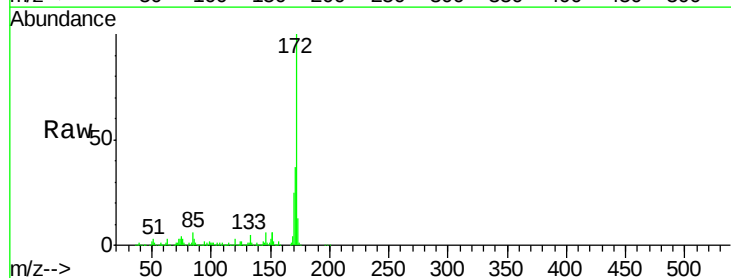


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

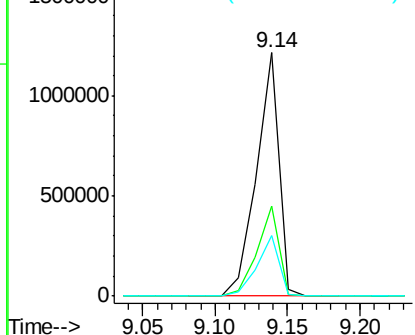
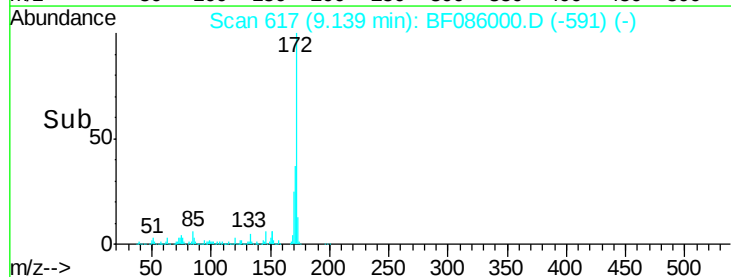


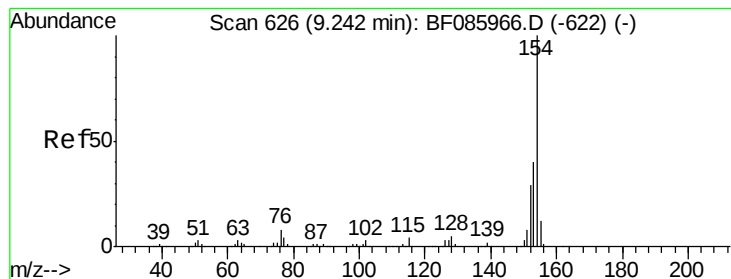
#44
 2-Fluorobiphenyl
 Concen: 90.13 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:	172	Resp:	1299121
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.8	19.8	29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.27 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

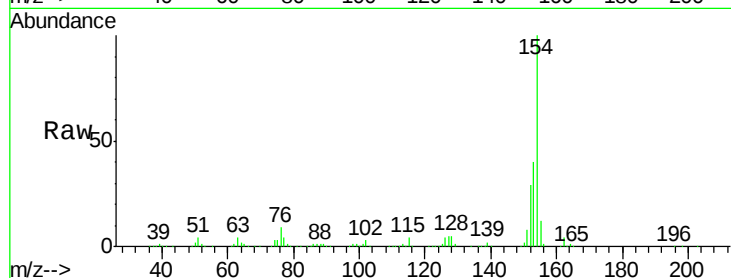
Tgt Ion:154 Resp: 873580

Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

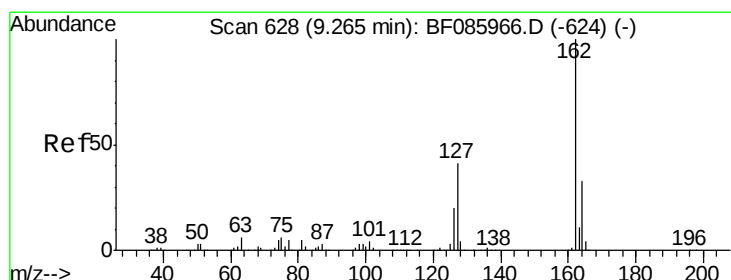
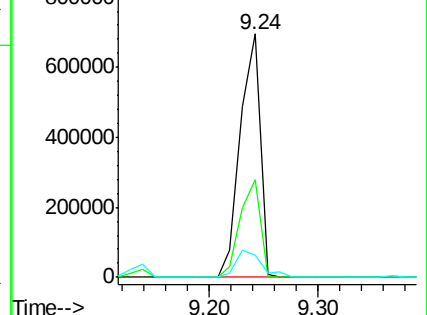
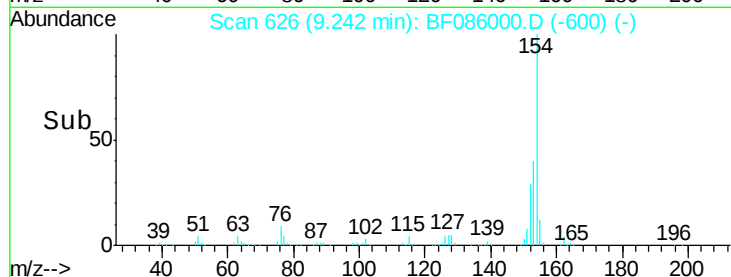
76 9.3 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.85 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

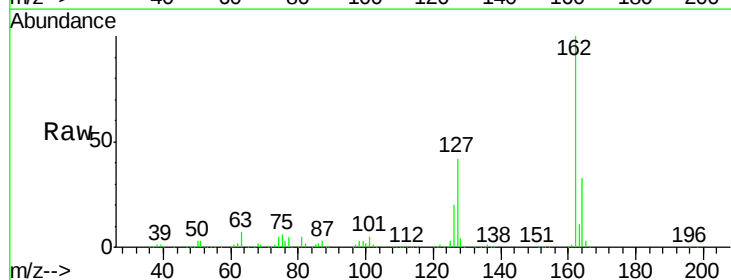
Tgt Ion:162 Resp: 671790

Ion Ratio Lower Upper

162 100

127 41.7 31.7 47.5

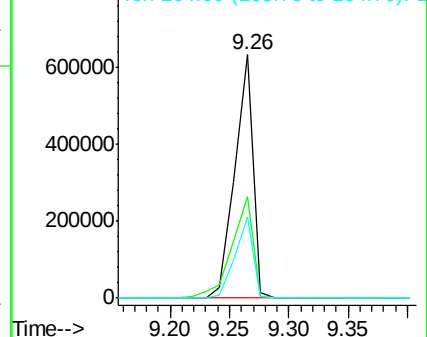
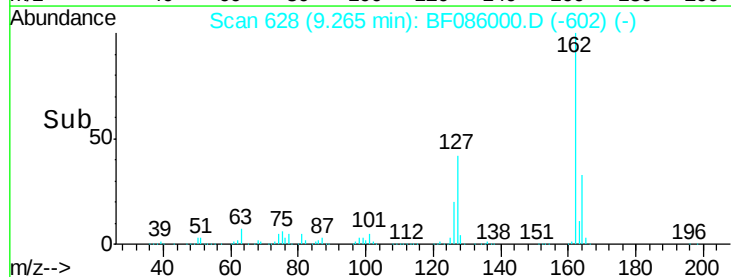
164 33.5 27.3 40.9

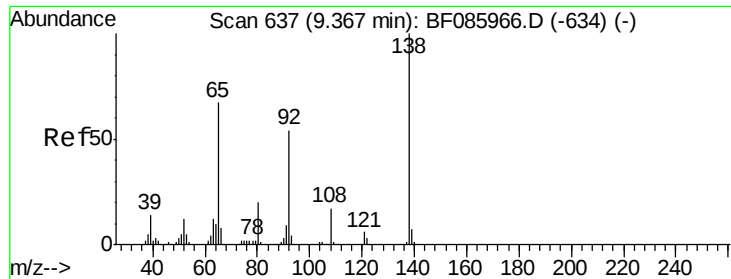


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

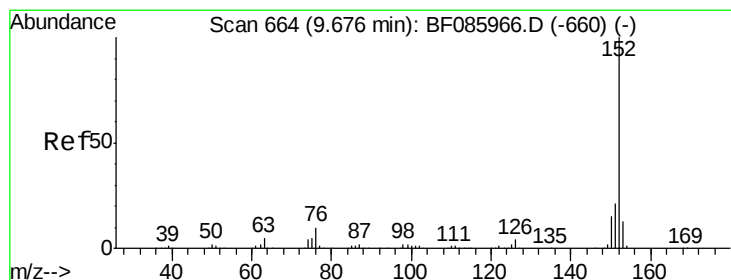
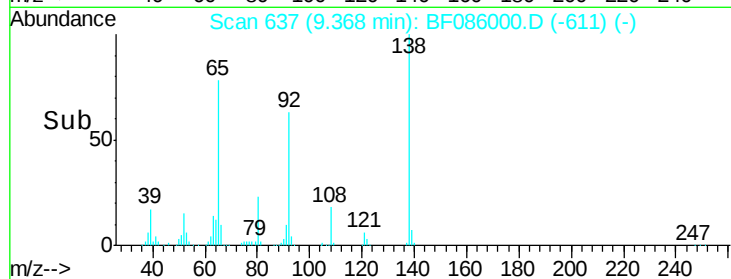
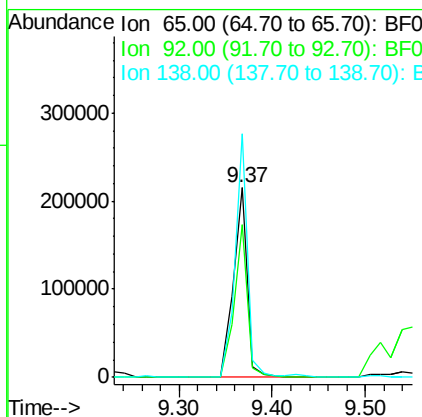
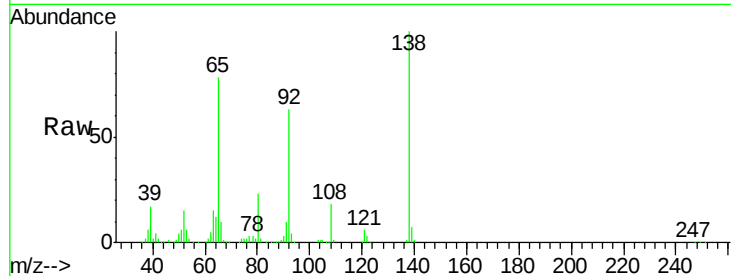




#47
2-Nitroaniline
Concen: 51.35 ng
RT: 9.37 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

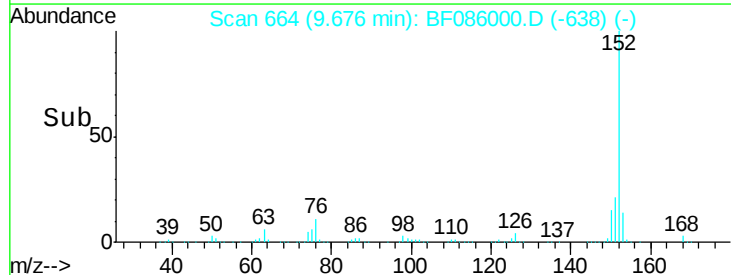
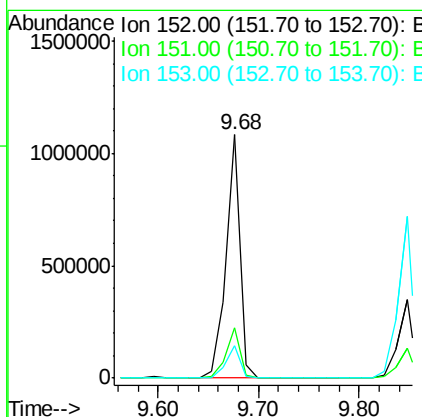
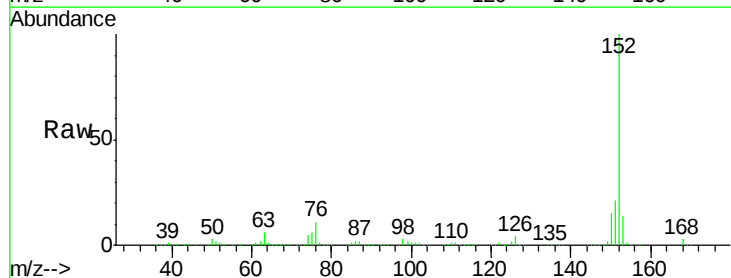
Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

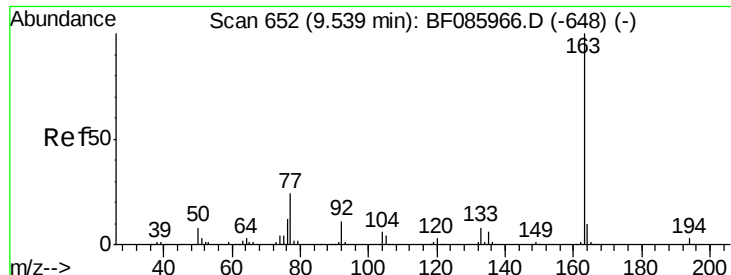
Tgt Ion: 65 Resp: 225073
Ion Ratio Lower Upper
65 100
92 80.4 59.7 89.5
138 128.3 91.4 137.0



#48
Acenaphthylene
Concen: 43.30 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion: 152 Resp: 1038931
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.5 10.9 16.3

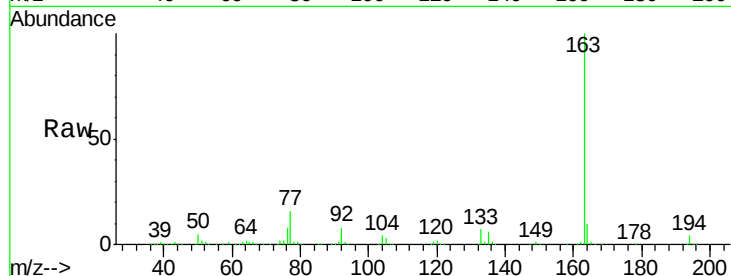




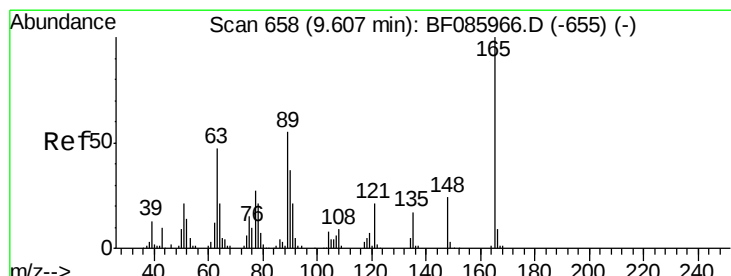
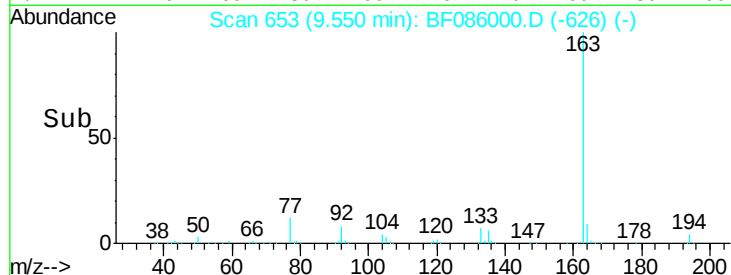
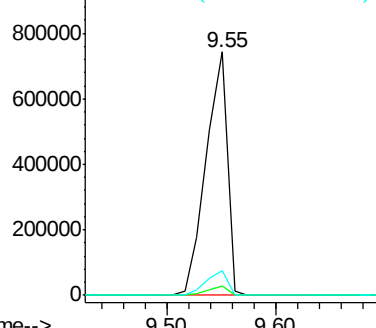
#49
Dimethylphthalate
Concen: 56.07 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

Tgt Ion:163 Resp: 995932
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.0 8.3 12.5

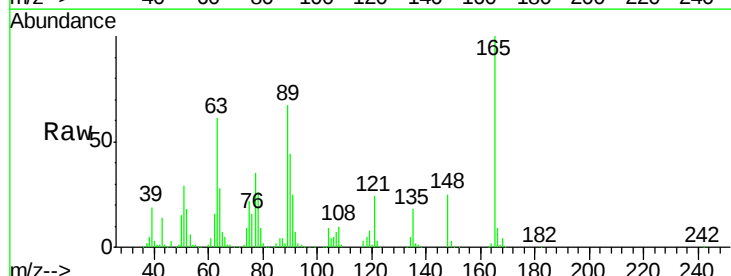


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

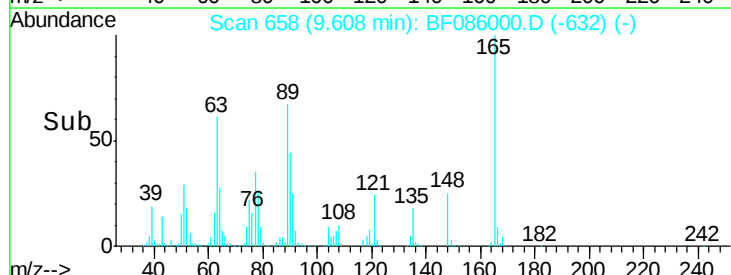
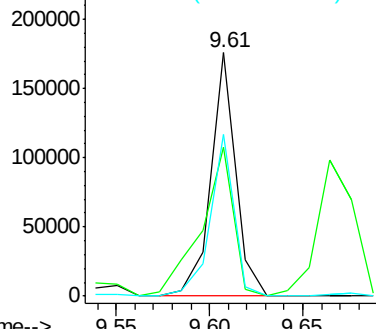


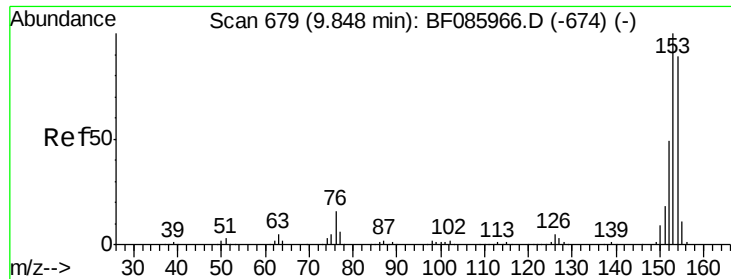
#50
2,6-Dinitrotoluene
Concen: 43.51 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion:165 Resp: 163512
Ion Ratio Lower Upper
165 100
63 61.2 51.8 77.8
89 66.6 53.7 80.5



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: 43.60 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

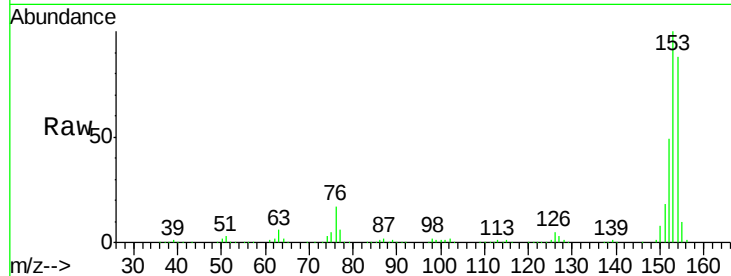
Tgt Ion:154 Resp: 622153

Ion Ratio Lower Upper

154 100

153 113.9 90.1 135.1

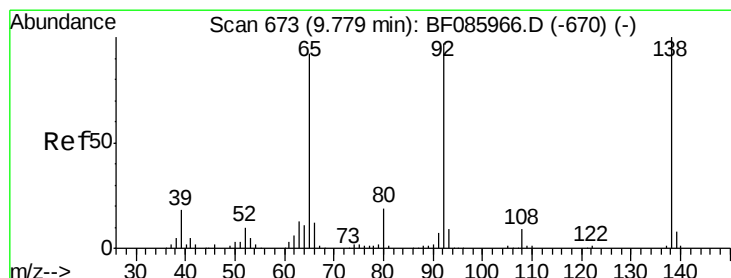
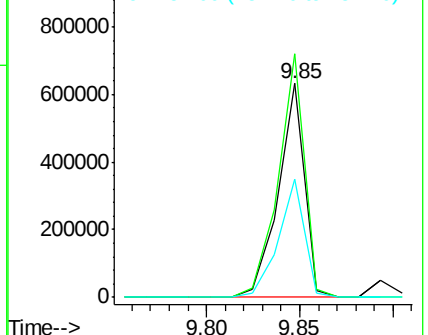
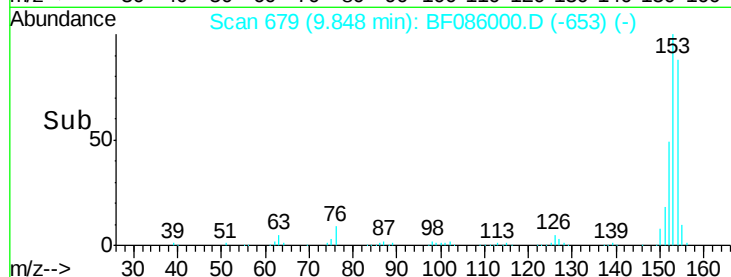
152 55.5 44.2 66.2



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: 32.17 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

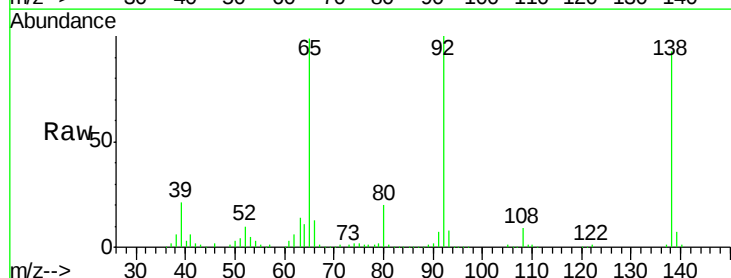
Tgt Ion:138 Resp: 145702

Ion Ratio Lower Upper

138 100

108 10.0 8.7 13.1

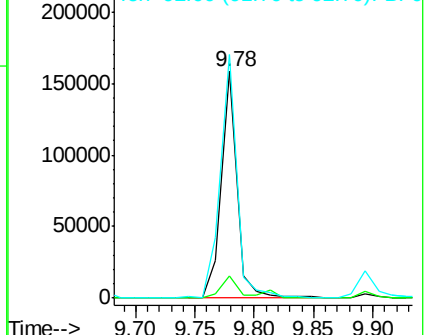
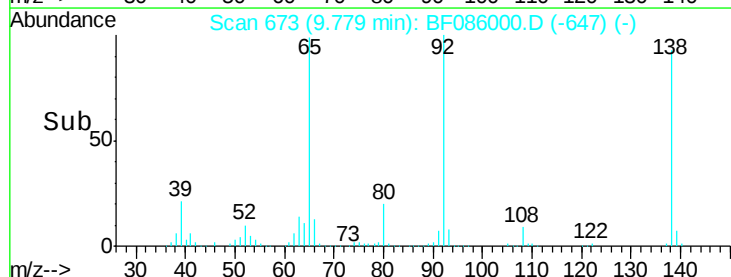
92 107.4 93.3 139.9

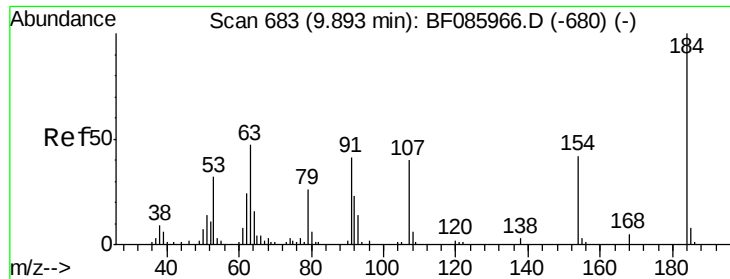


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

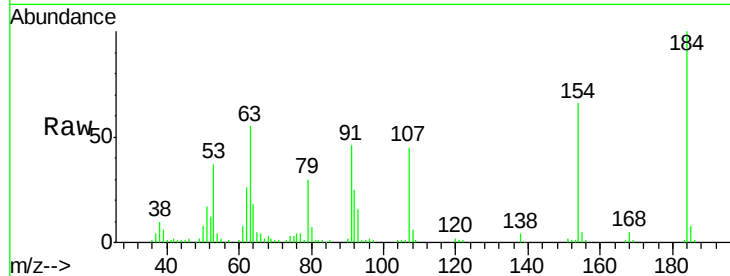




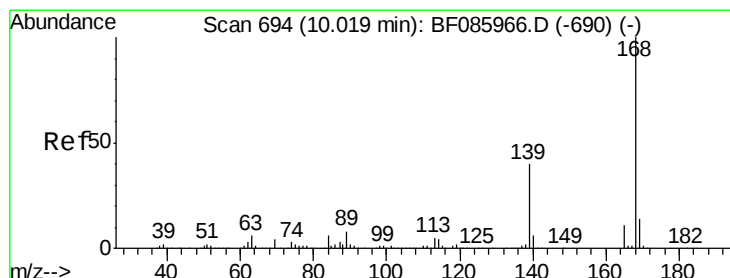
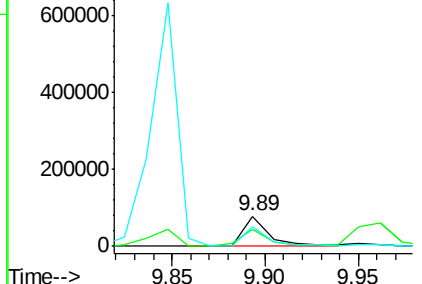
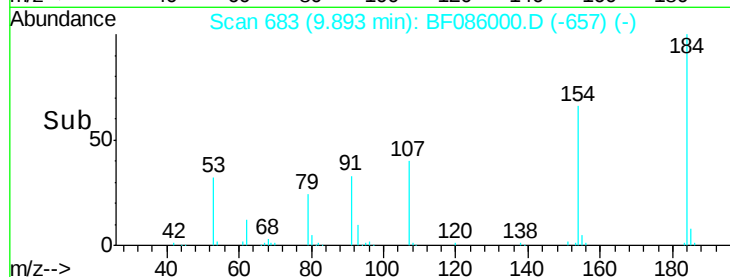
#53
 2,4-Dinitrophenol
 Concen: 41.32 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:184 Resp: 78123
 Ion Ratio Lower Upper
 184 100
 63 54.7 69.5 104.3#
 154 65.7 58.3 87.5

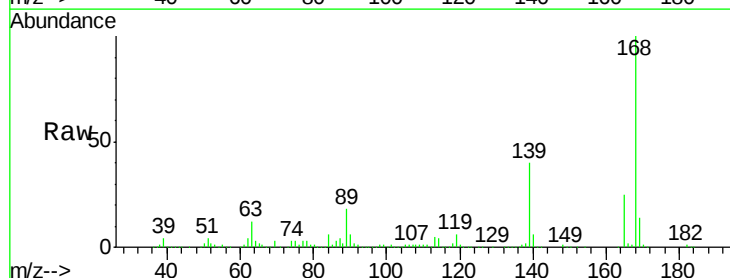


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

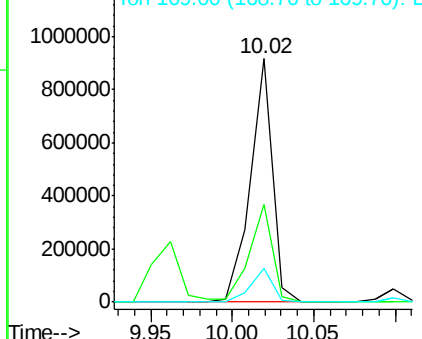
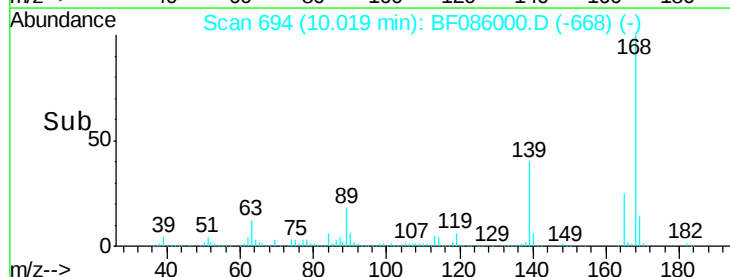


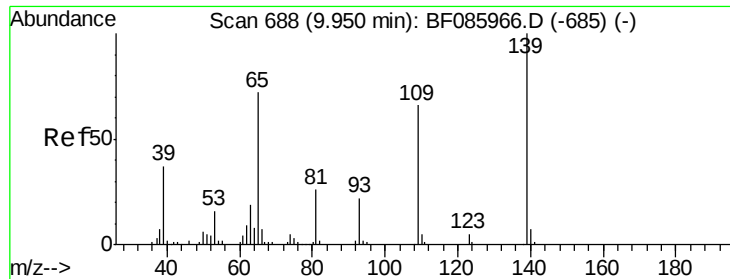
#54
 Dibenzofuran
 Concen: 45.76 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:168 Resp: 862400
 Ion Ratio Lower Upper
 168 100
 139 40.2 31.9 47.9
 169 13.7 11.0 16.6



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

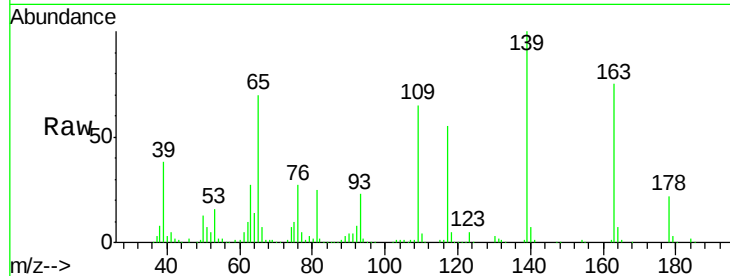




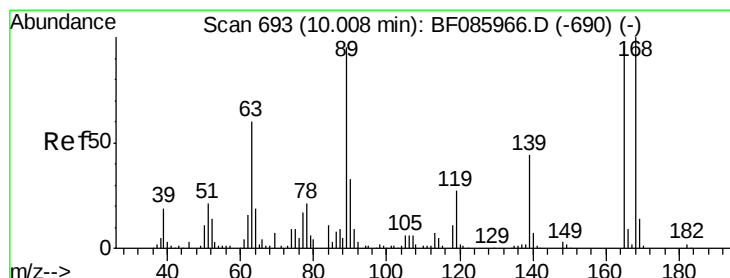
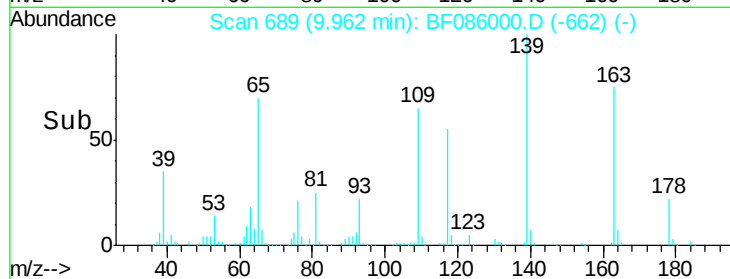
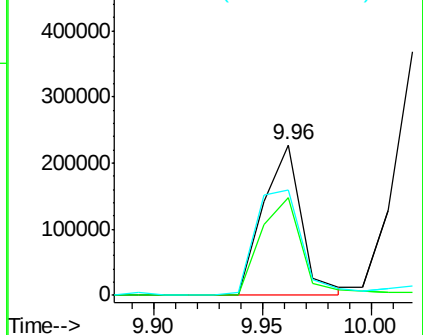
#55
4-Nitrophenol
Concen: 105.03 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)MS

Tgt Ion:139 Resp: 280464
Ion Ratio Lower Upper
139 100
109 64.7 49.2 89.2
65 70.4 66.9 106.9



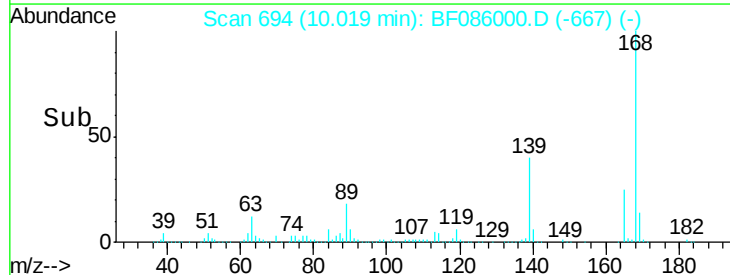
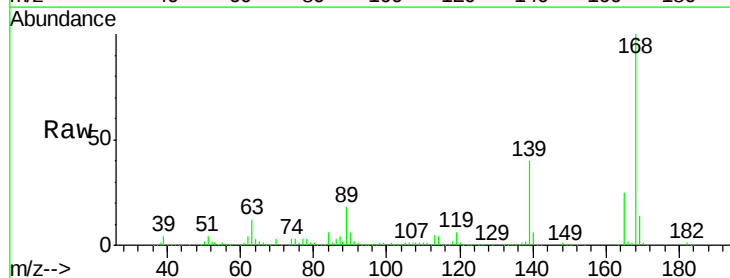
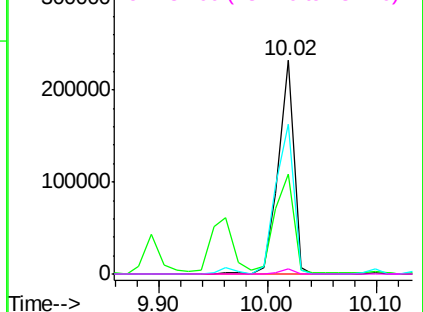
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

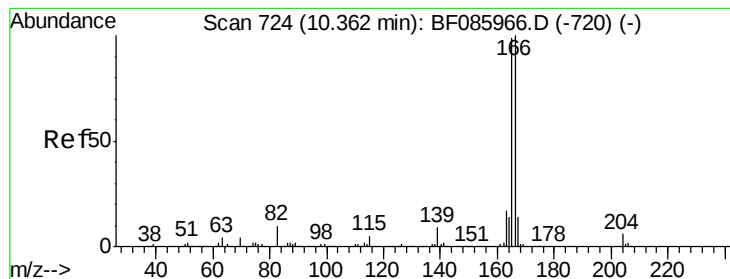


#56
2,4-Dinitrotoluene
Concen: 48.68 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF086000.D
Acq: 2 Apr 2016 9:46

Tgt Ion:165 Resp: 231161
Ion Ratio Lower Upper
165 100
63 46.8 24.9 37.3#
89 70.4 41.0 61.6#
182 2.6 2.1 3.1

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: 44.25 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

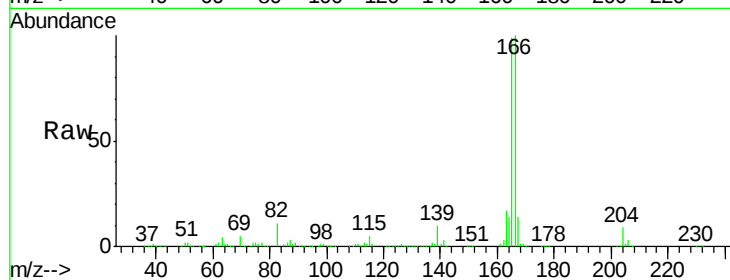
Tgt Ion:166 Resp: 712403

Ion Ratio Lower Upper

166 100

165 99.5 79.4 119.0

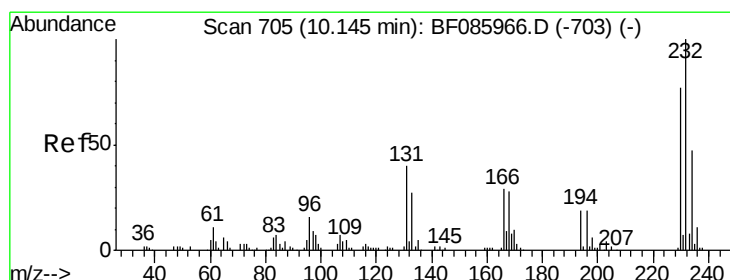
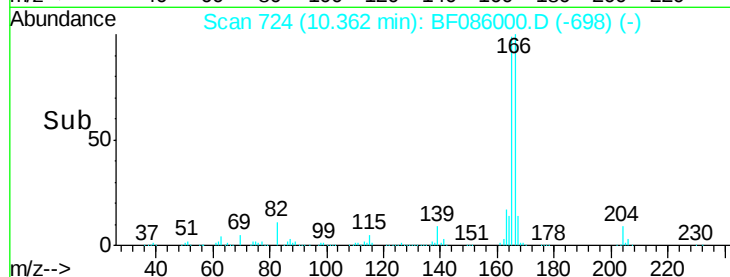
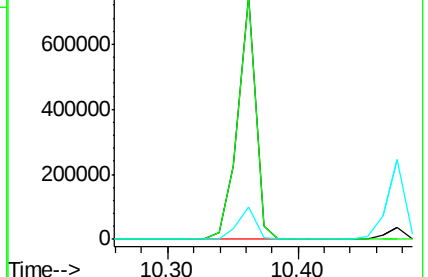
167 13.6 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.27 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion:232 Resp: 182760

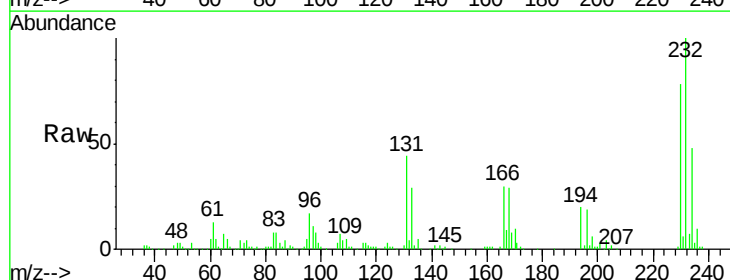
Ion Ratio Lower Upper

232 100

131 52.1 44.9 67.3

130 2.6 2.3 3.5

166 31.6 28.1 42.1

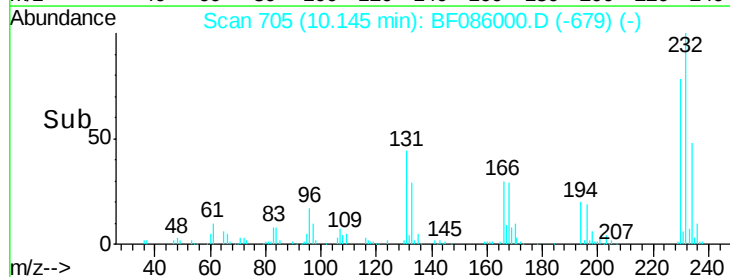
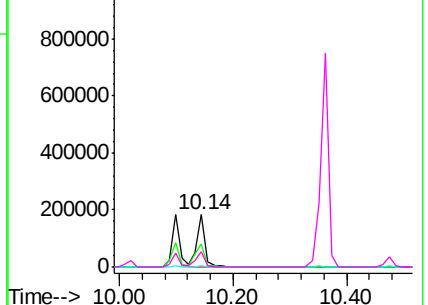


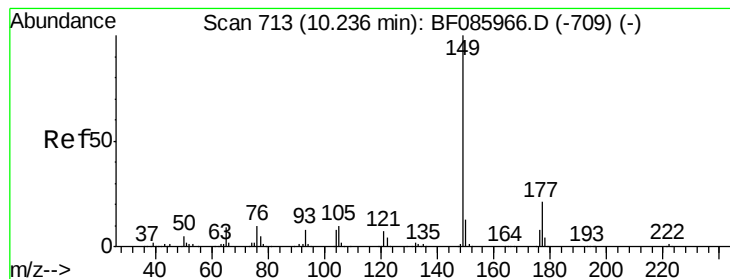
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.48 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

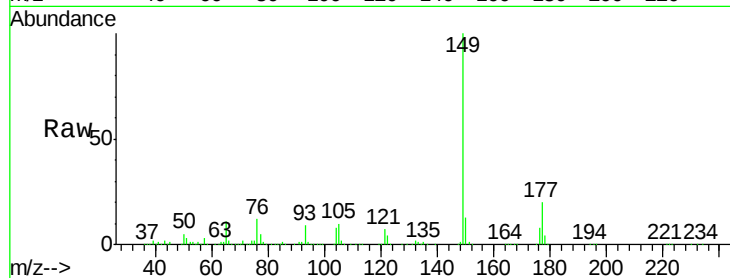
Tgt Ion:149 Resp: 779451

Ion Ratio Lower Upper

149 100

177 20.1 17.9 26.9

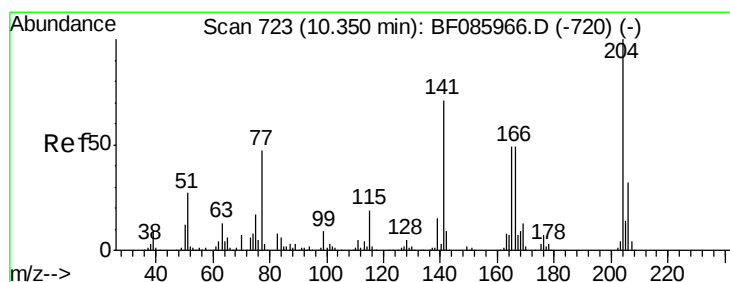
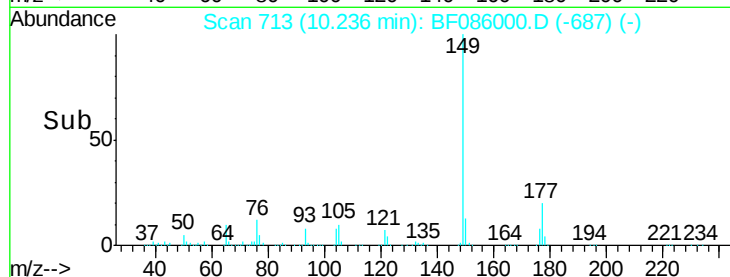
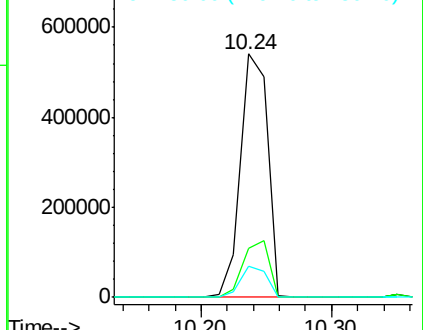
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.05 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

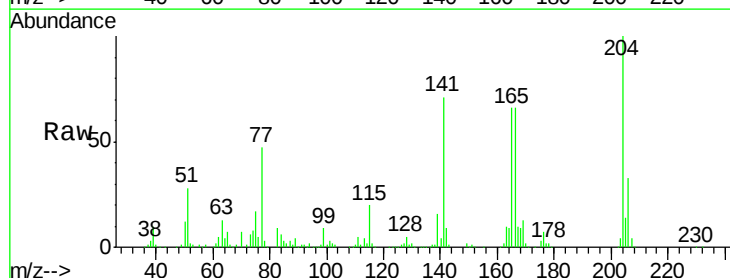
Tgt Ion:204 Resp: 307870

Ion Ratio Lower Upper

204 100

206 32.7 26.6 39.8

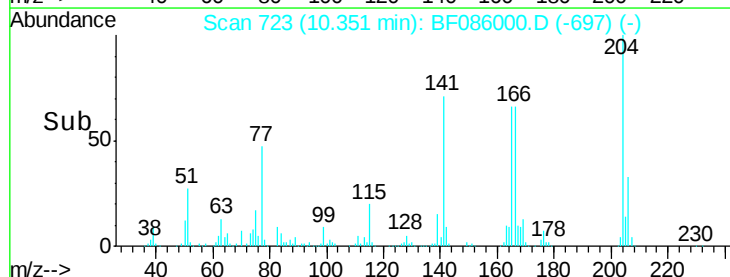
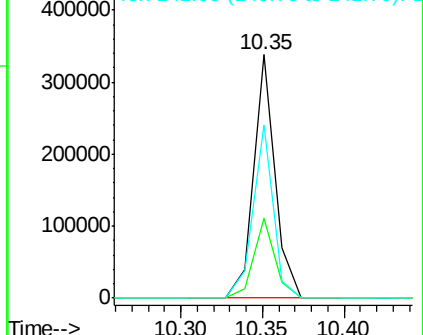
141 71.3 57.4 86.0

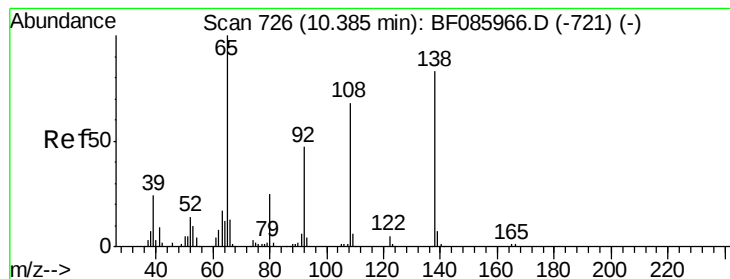


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.63 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

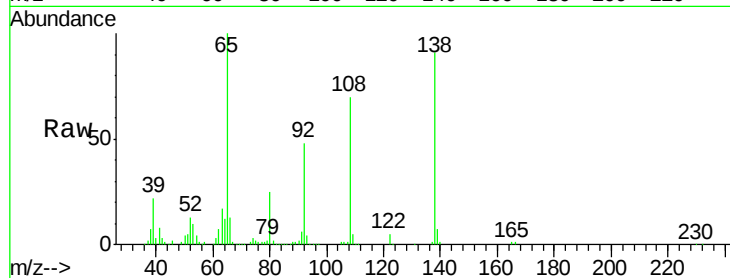
Tgt Ion:138 Resp: 185714

Ion Ratio Lower Upper

138 100

92 52.7 26.4 66.4

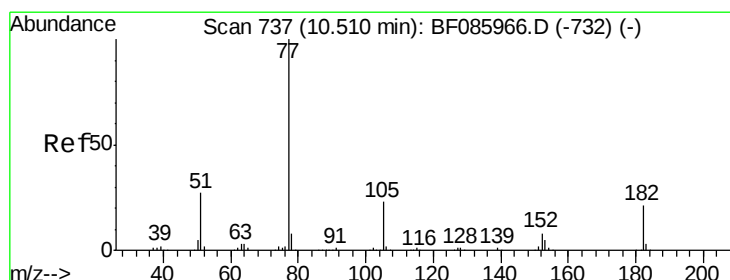
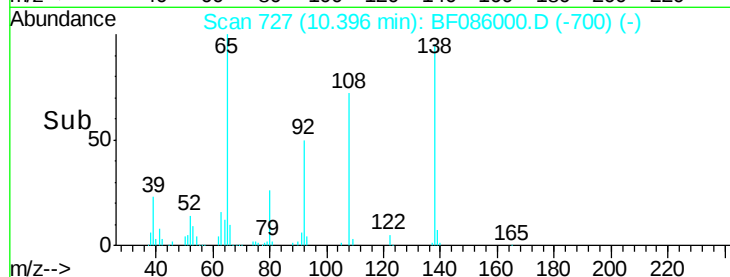
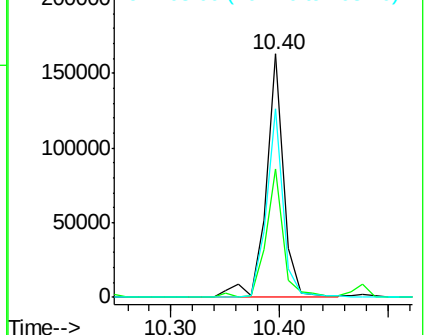
108 77.4 49.0 89.0



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: 47.49 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Tgt Ion: 77 Resp: 815513

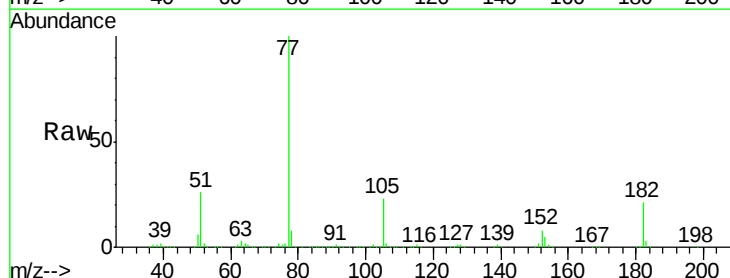
Ion Ratio Lower Upper

77 100

182 20.7 1.9 41.9

105 23.1 3.5 43.5

51 26.5 6.3 46.3

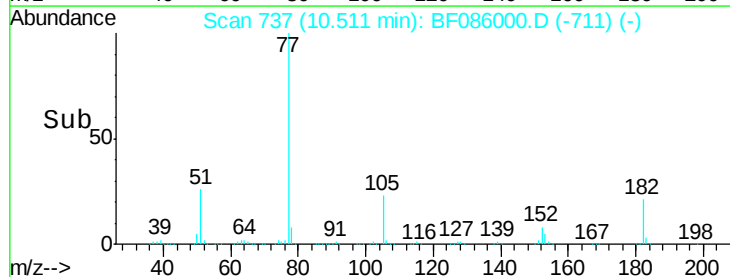
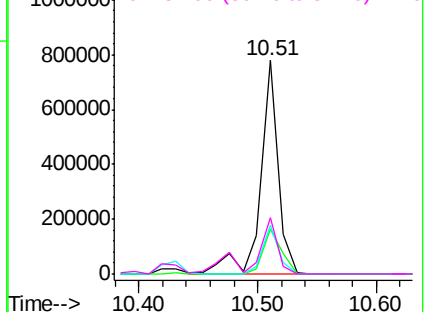


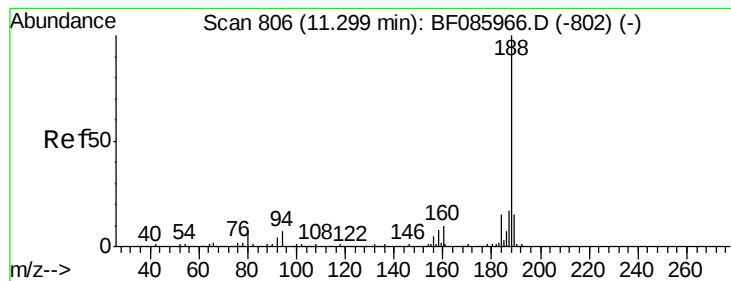
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

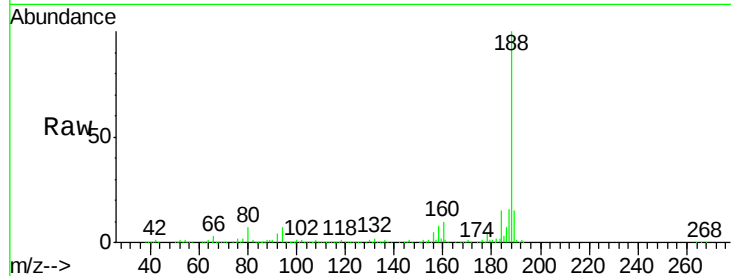
Tgt Ion:188 Resp: 461954

Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.0

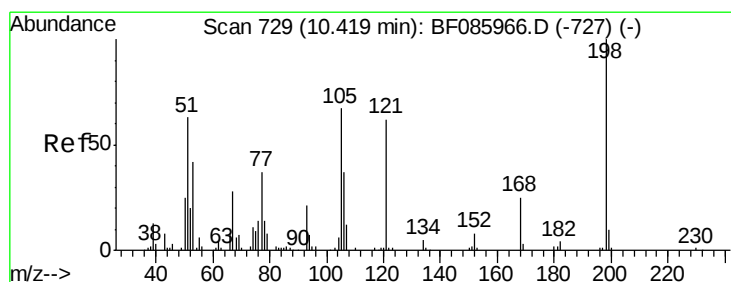
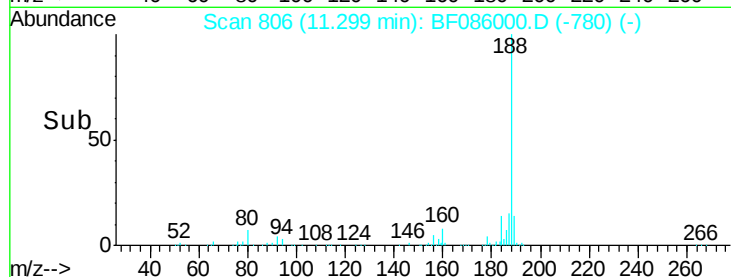
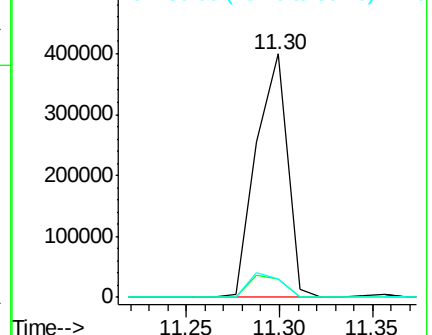
80 7.4 5.5 8.3



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



#64

4,6-Dinitro-2-methylphenol

Concen: 44.22 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

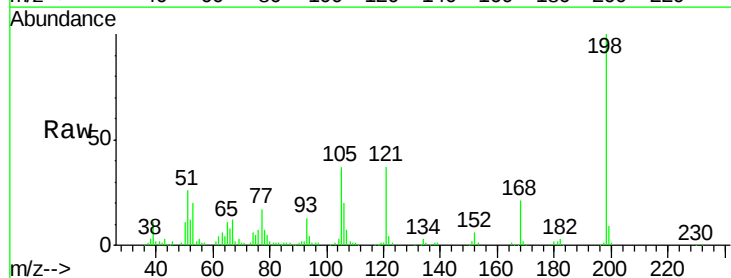
Tgt Ion:198 Resp: 123795

Ion Ratio Lower Upper

198 100

51 26.1 45.4 85.4#

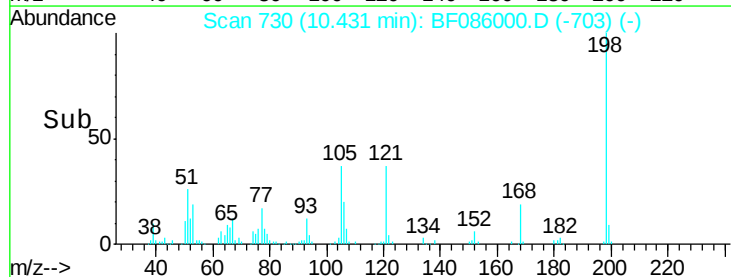
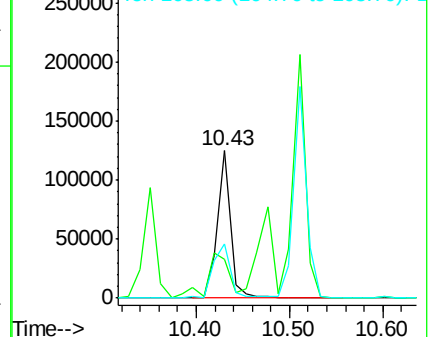
105 36.6 45.9 85.9#

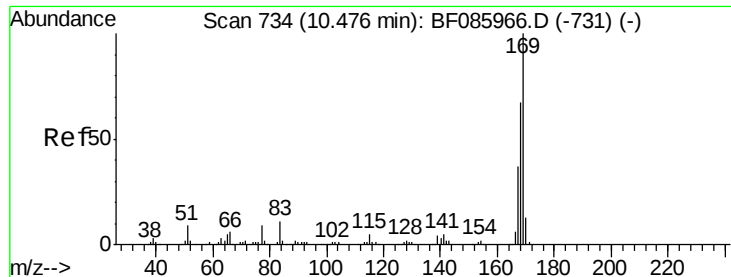


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.55 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

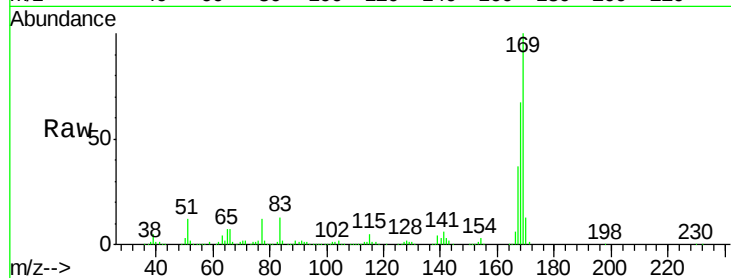
Tgt Ion:169 Resp: 643627

Ion Ratio Lower Upper

169 100

168 66.6 54.4 81.6

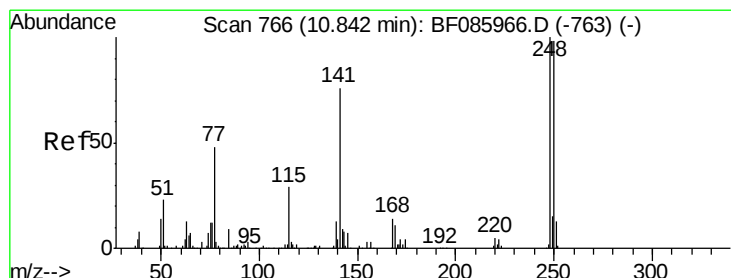
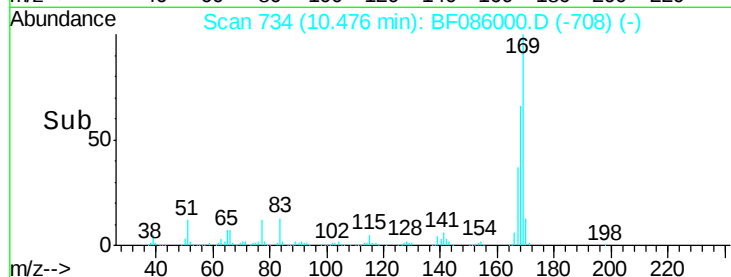
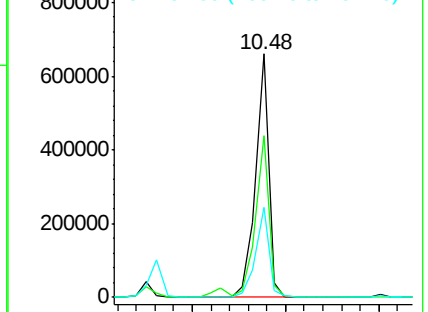
167 37.2 29.4 44.0



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: 45.74 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

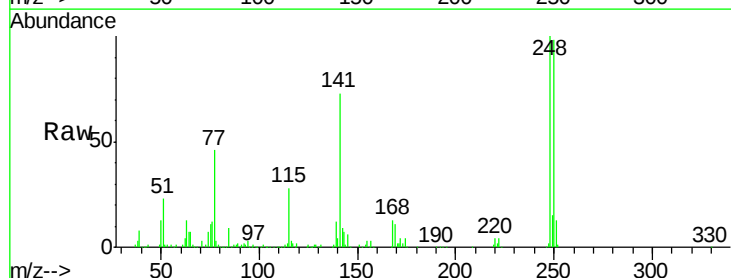
Tgt Ion:248 Resp: 215721

Ion Ratio Lower Upper

248 100

250 98.3 77.4 116.0

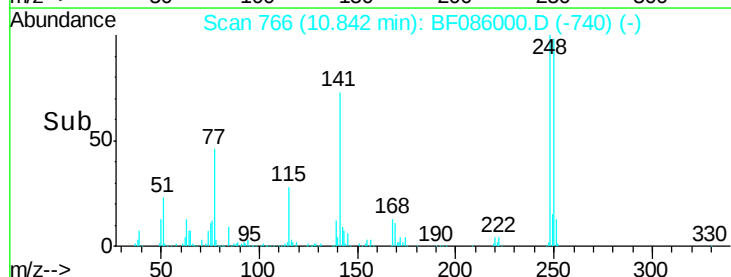
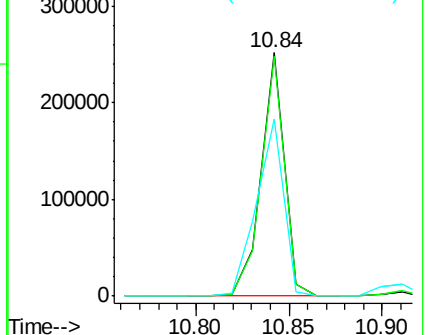
141 72.9 63.6 95.4

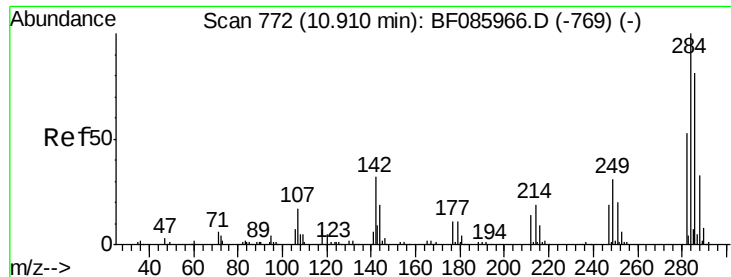


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.74 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

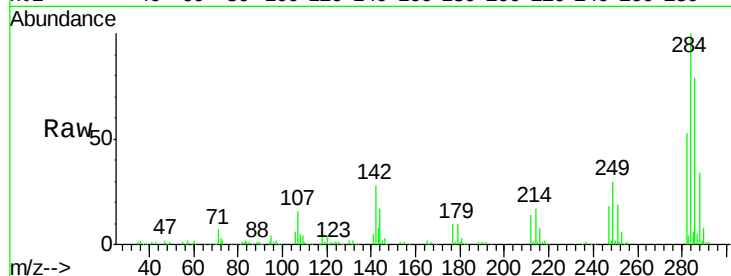
Tgt Ion:284 Resp: 232817

Ion Ratio Lower Upper

284 100

142 28.4 23.1 34.7

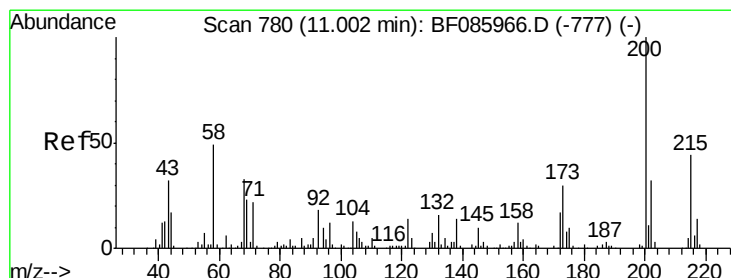
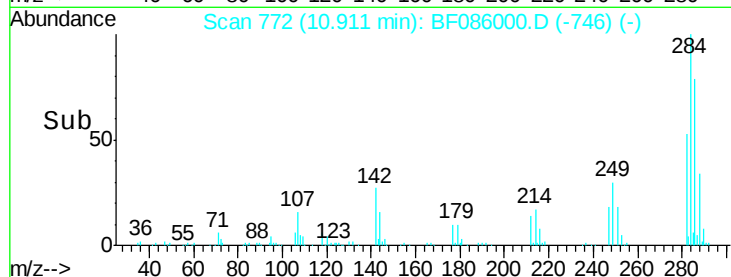
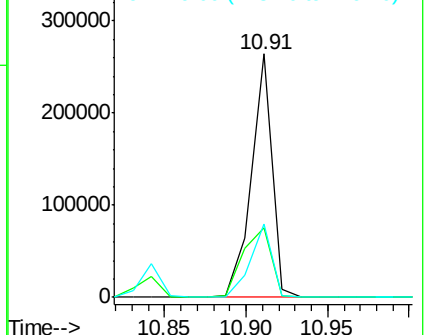
249 30.3 24.2 36.2



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: 44.67 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

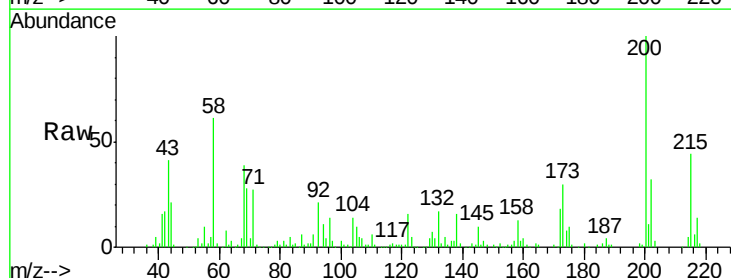
Tgt Ion:200 Resp: 208538

Ion Ratio Lower Upper

200 100

173 30.0 7.7 47.7

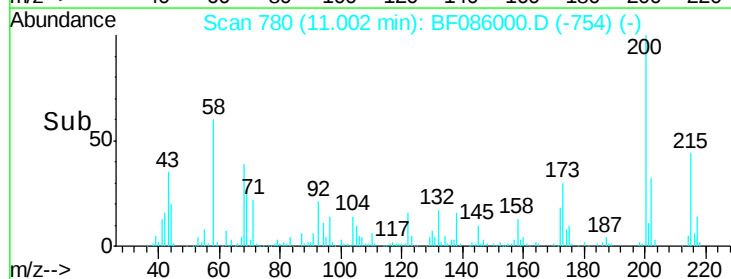
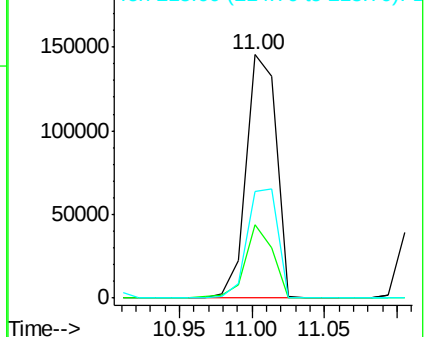
215 43.6 25.4 65.4

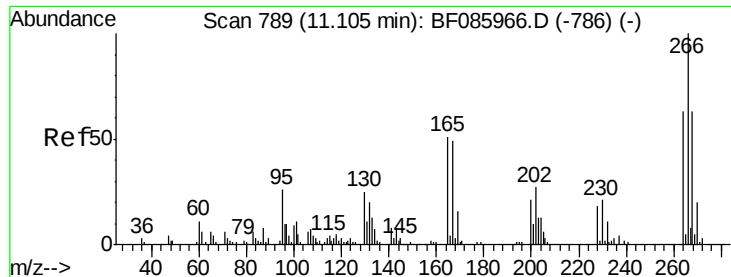


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

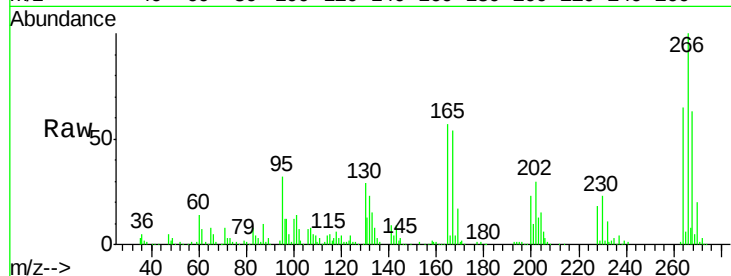




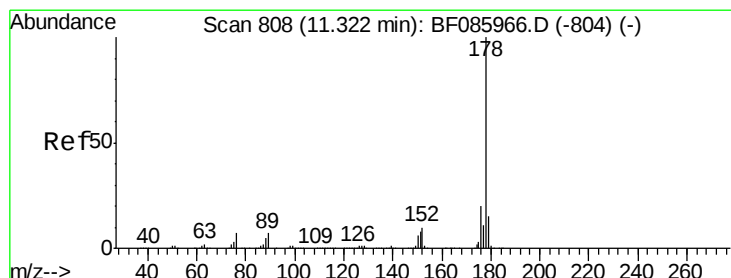
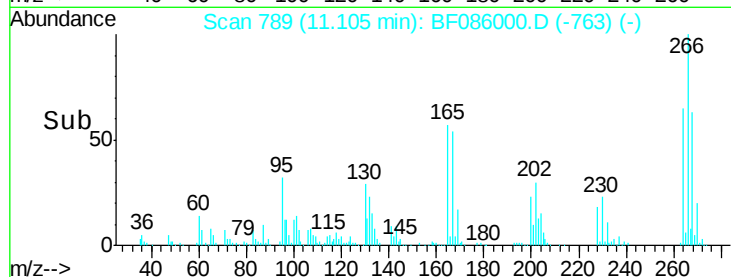
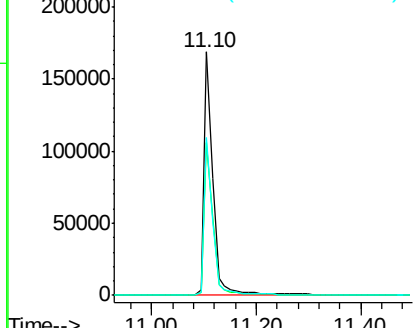
#69
 Pentachlorophenol
 Concen: 89.14 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:266 Resp: 203746
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 65.1 50.6 76.0

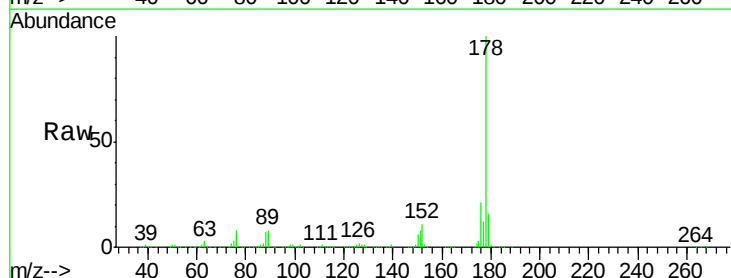


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

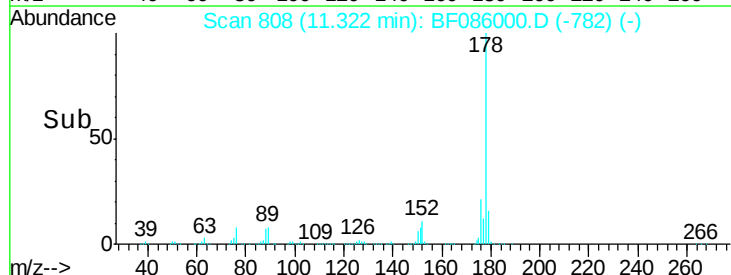
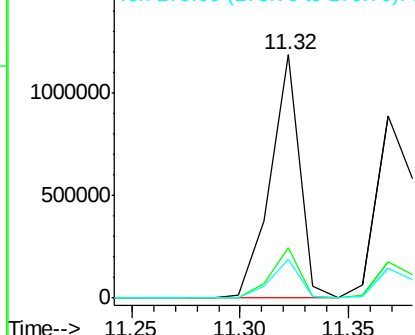


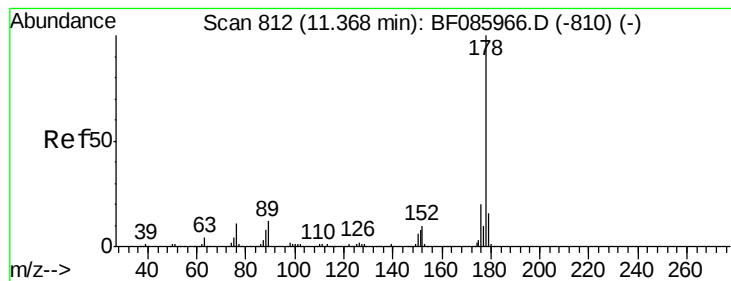
#70
 Phenanthrene
 Concen: 44.53 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:178 Resp: 1122131
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.8 12.6 18.8



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: 40.89 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

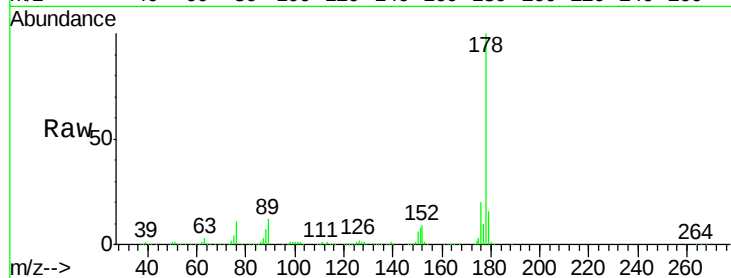
Tgt Ion:178 Resp: 1079496

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

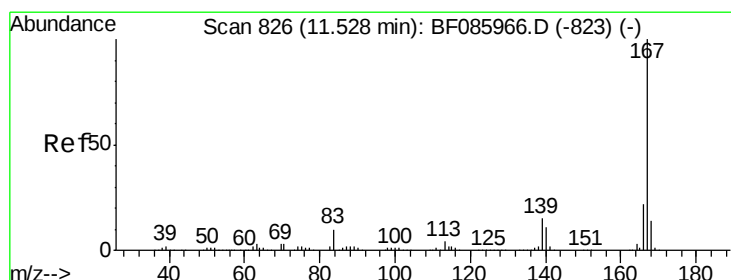
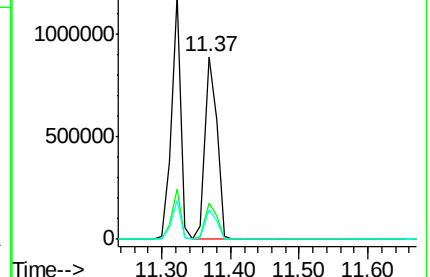
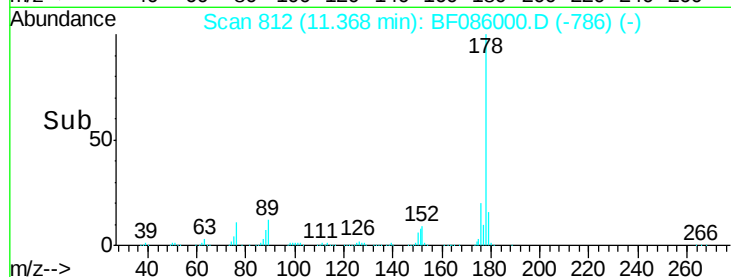
179 16.1 13.0 19.4



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: 41.16 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

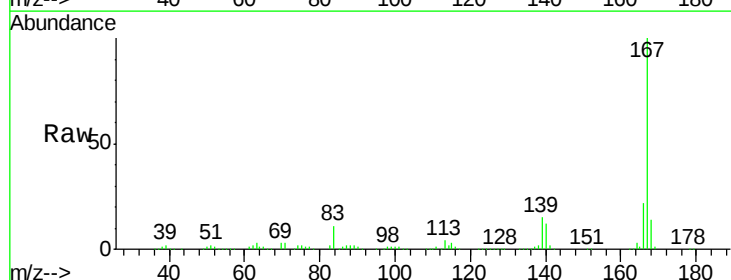
Tgt Ion:167 Resp: 933977

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

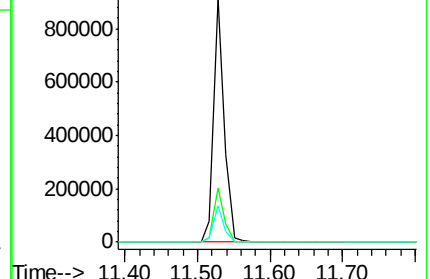
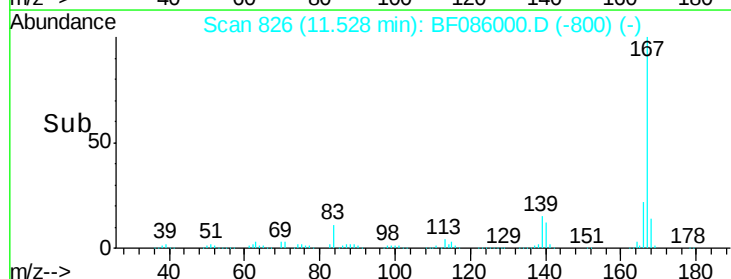
139 15.1 11.6 17.4

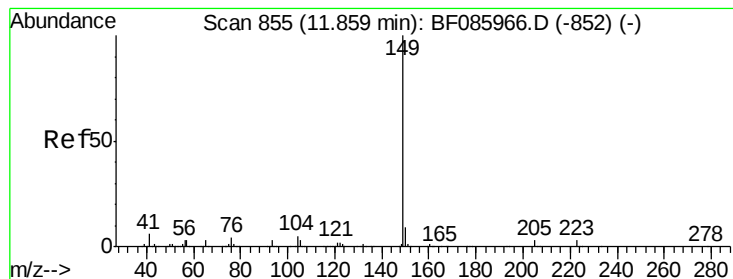


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.05 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

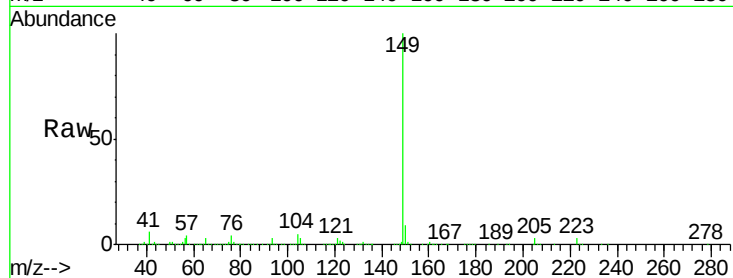
Tgt Ion:149 Resp: 1238579

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

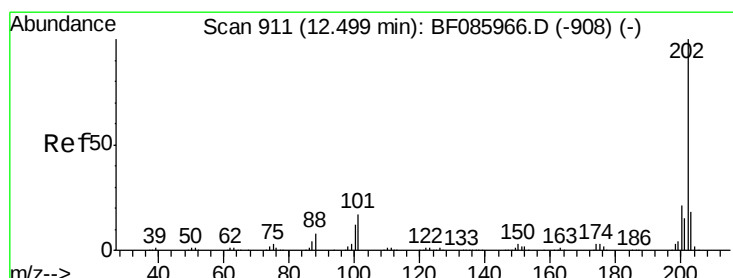
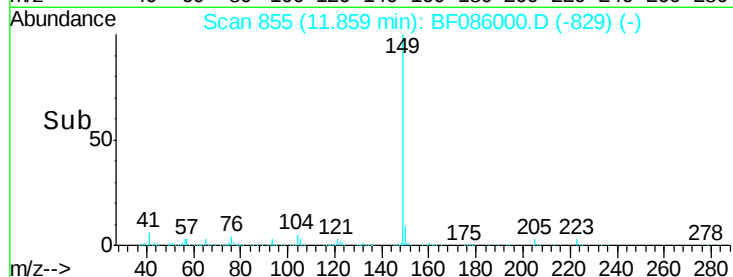
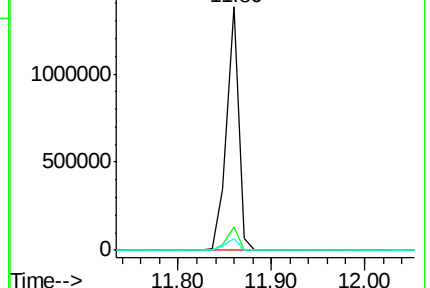
104 4.9 3.8 5.8



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: 44.35 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

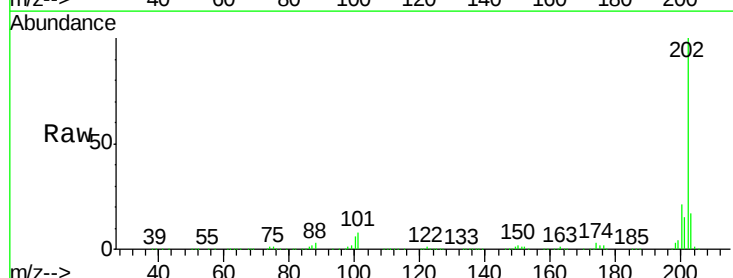
Tgt Ion:202 Resp: 1162619

Ion Ratio Lower Upper

202 100

101 7.6 0.0 36.6

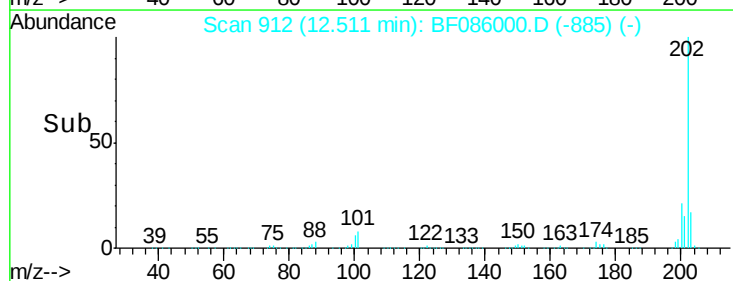
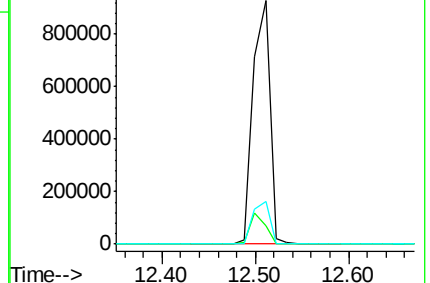
203 17.5 0.0 38.1

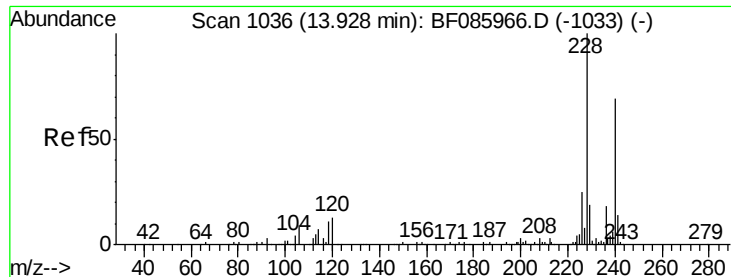


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

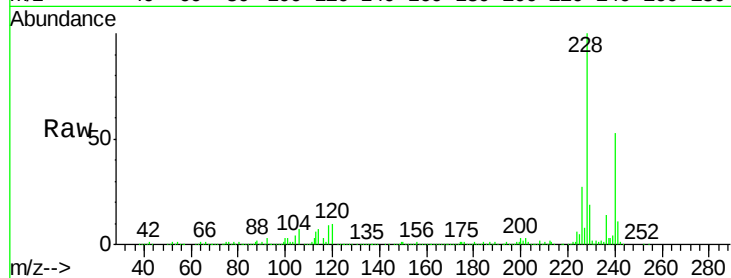
Tgt Ion:240 Resp: 360453

Ion Ratio Lower Upper

240 100

120 18.4 13.8 20.8

236 26.3 20.6 30.8



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

400000

300000

200000

100000

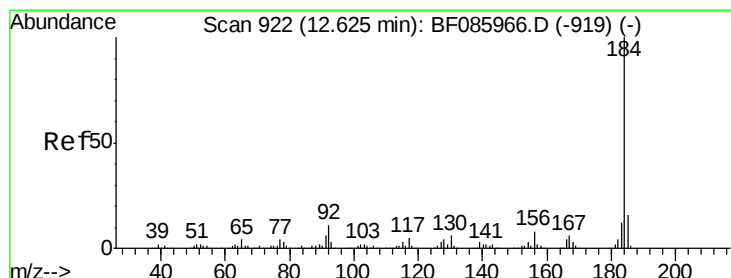
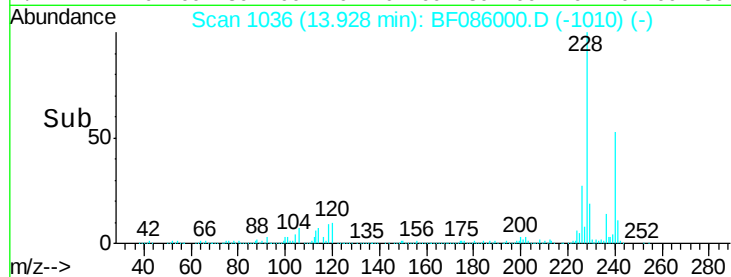
0

13.93

13.90

14.00

Time-->



#76

Benzidine

Concen: 47.43 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

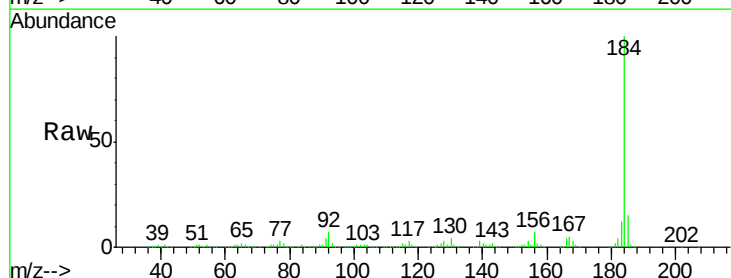
Tgt Ion:184 Resp: 603228

Ion Ratio Lower Upper

184 100

185 14.6 12.4 18.6

183 11.8 9.4 14.2



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

600000

400000

200000

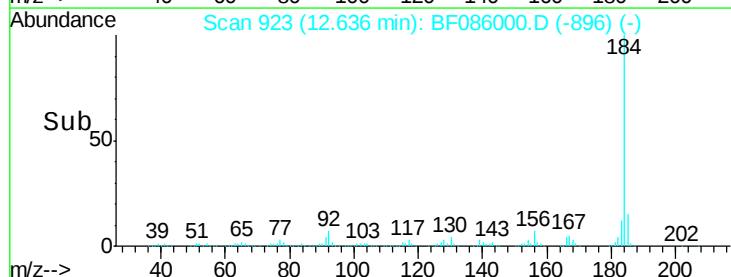
0

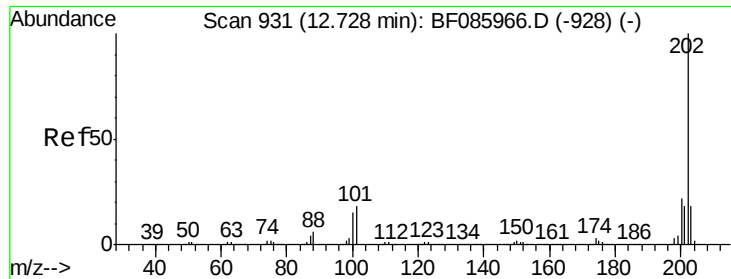
12.64

12.60

12.80

Time-->

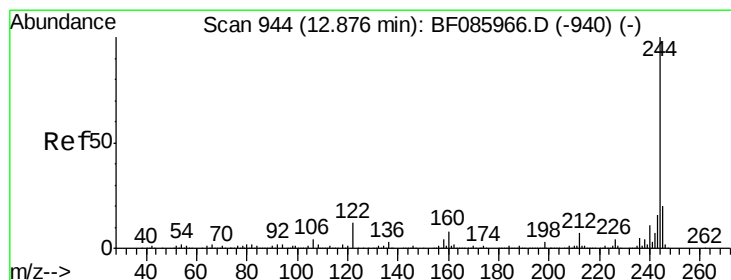
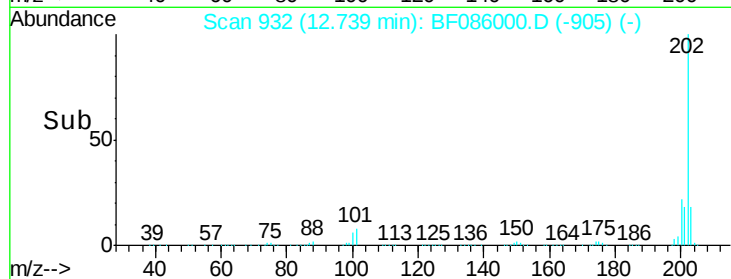
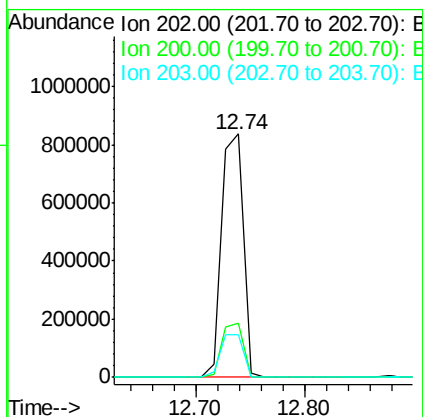
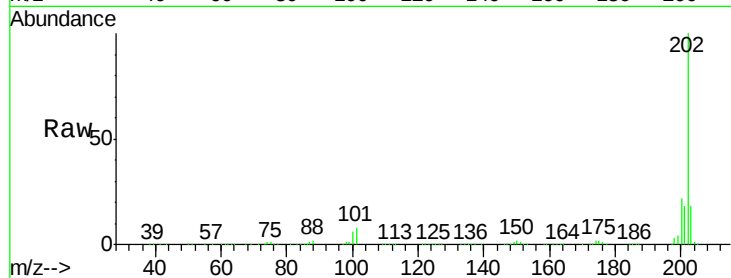




#77
Pyrene
 Concen: 45.63 ng
 RT: 12.74 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

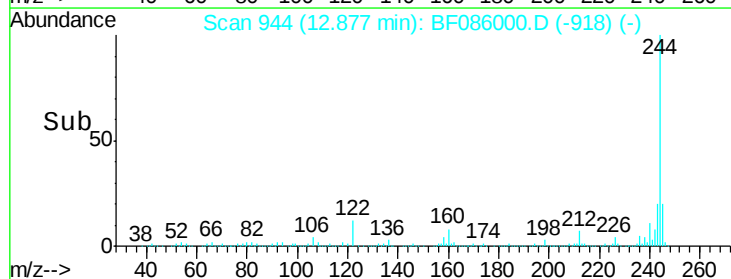
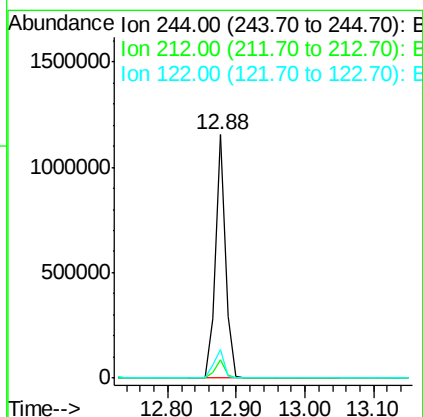
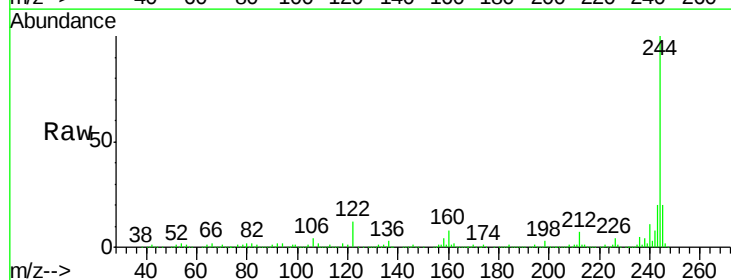
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

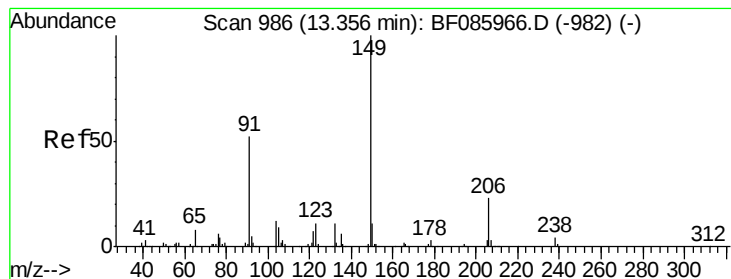
Tgt Ion:202 Resp: 1158988
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.6 26.4
 203 17.5 14.0 21.0



#78
Terphenyl-d14
 Concen: 78.28 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:244 Resp: 1200430
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.0 10.2 15.4





#79

Butylbenzylphthalate

Concen: 47.66 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

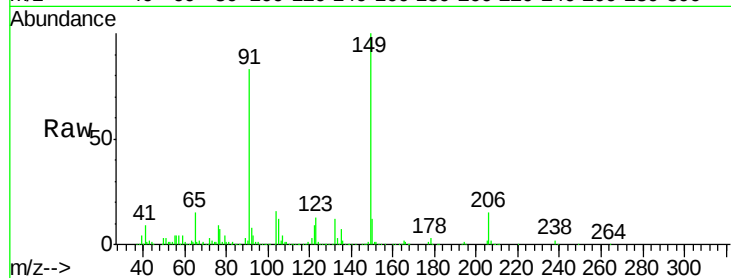
Tgt Ion:149 Resp: 545146

Ion Ratio Lower Upper

149 100

91 83.2 45.8 68.8#

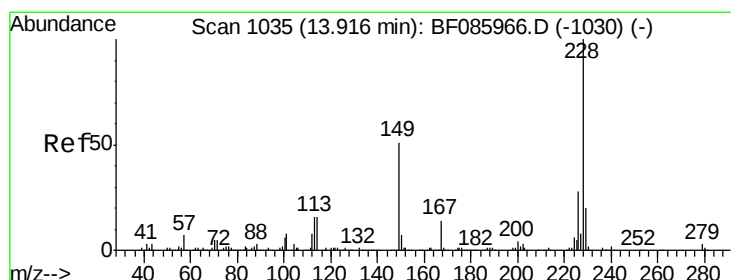
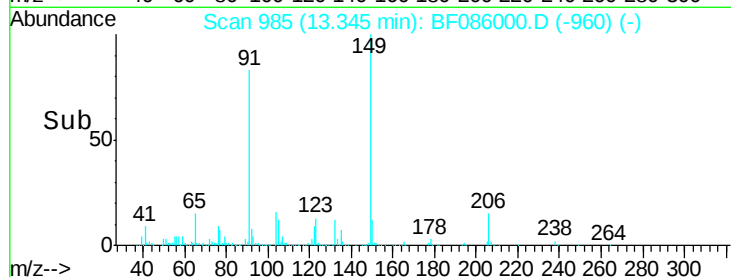
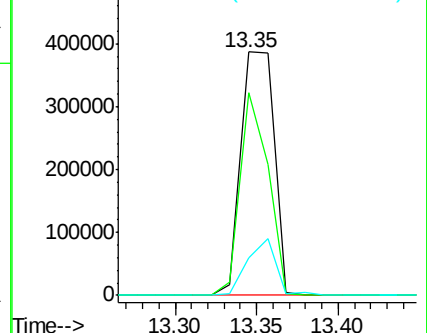
206 15.5 17.8 26.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.81 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

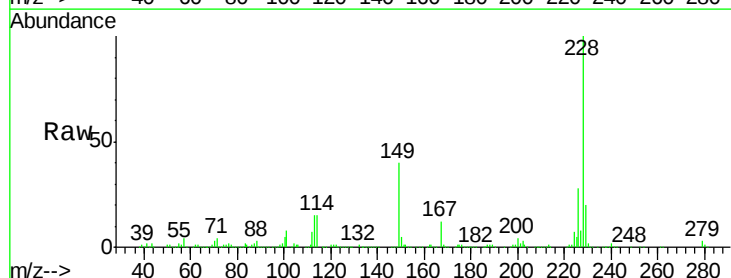
Tgt Ion:228 Resp: 952106

Ion Ratio Lower Upper

228 100

226 28.4 22.1 33.1

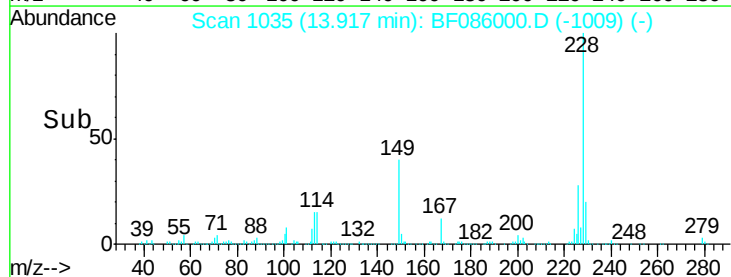
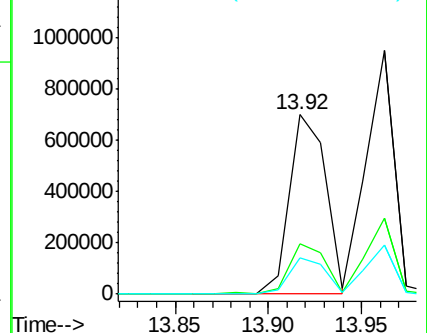
229 20.4 16.2 24.4



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

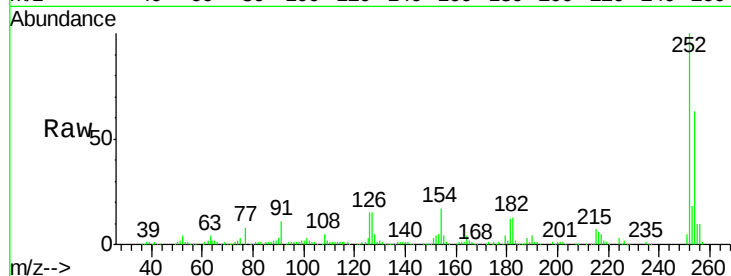




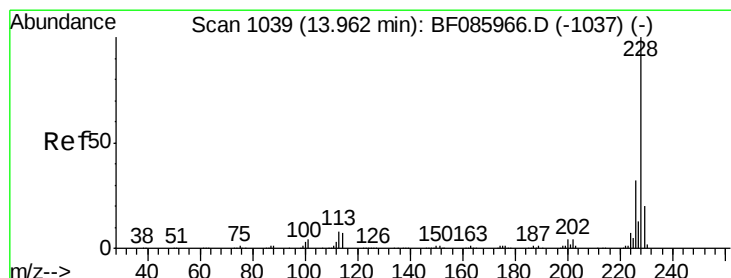
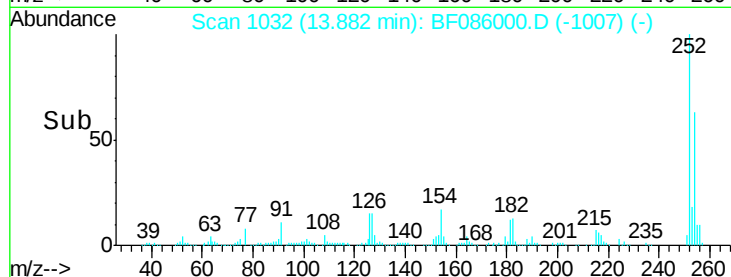
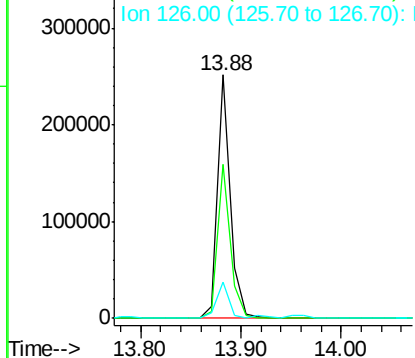
#81
 3,3'-Dichlorobenzidine
 Concen: 14.37 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

Tgt Ion:252 Resp: 222961
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 14.8 11.8 17.6

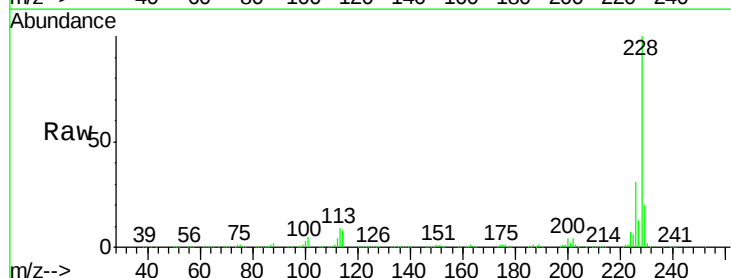


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

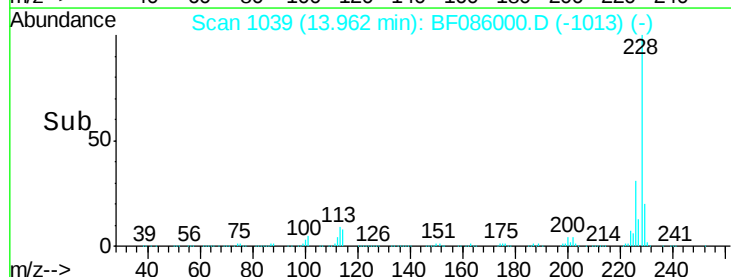
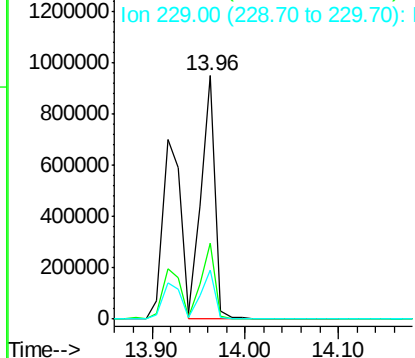


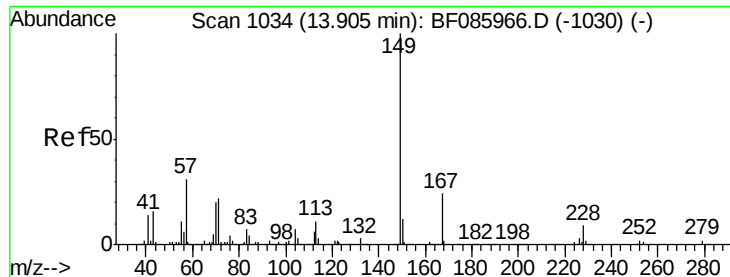
#82
 Chrysene
 Concen: 48.29 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion:228 Resp: 988431
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.1 15.7 23.5



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: 45.13 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

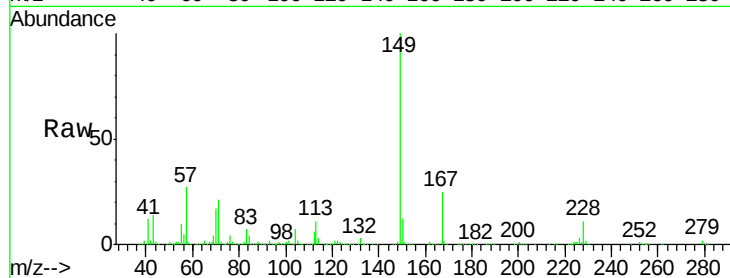
Tgt Ion:149 Resp: 685066

Ion Ratio Lower Upper

149 100

167 24.9 19.4 29.2

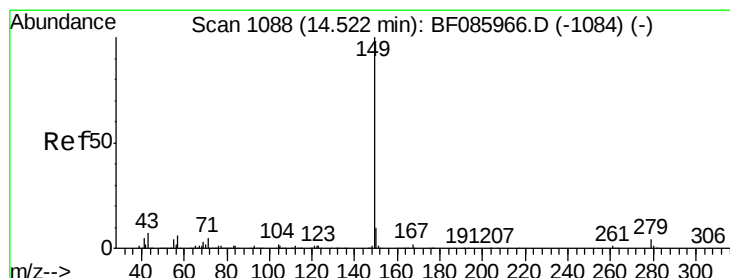
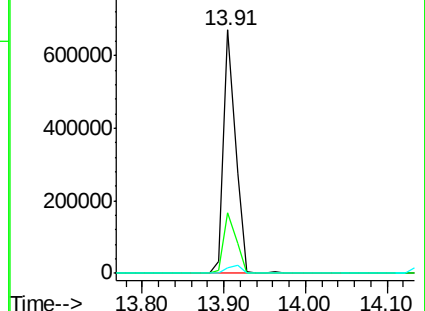
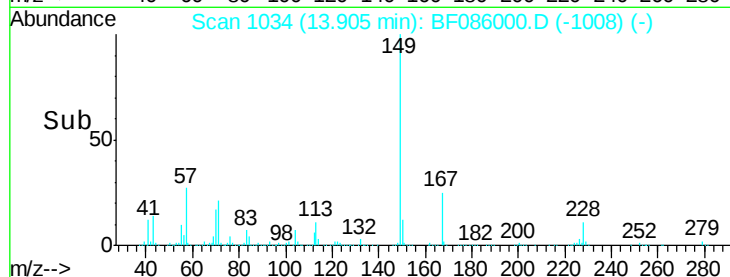
279 2.2 1.5 2.3



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: 52.87 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

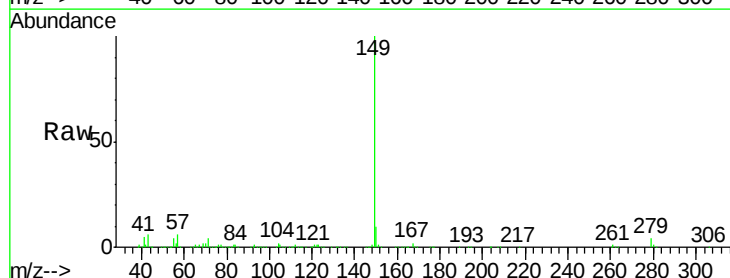
Tgt Ion:149 Resp: 1281504

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

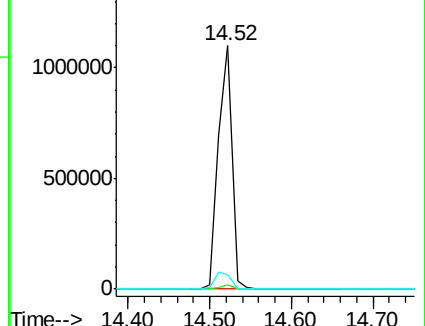
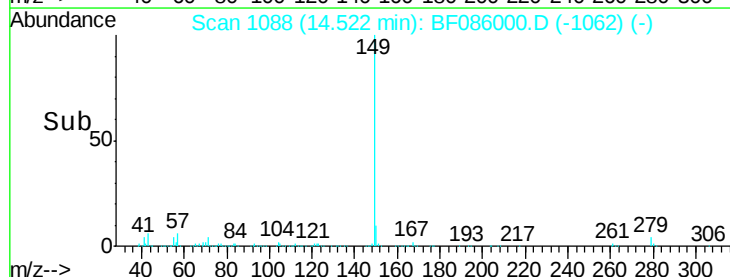
43 8.0 7.1 10.7



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

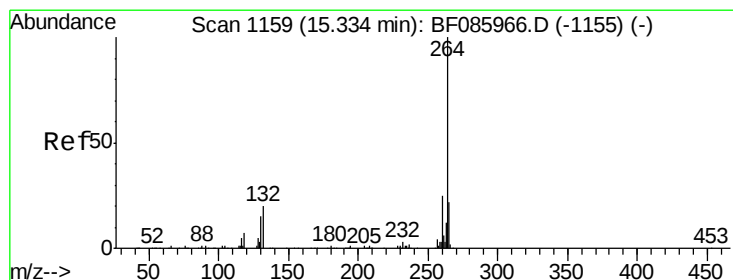
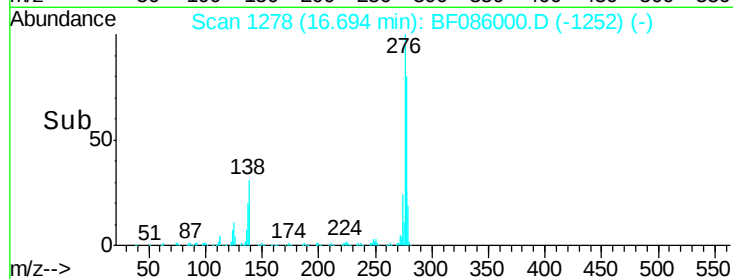
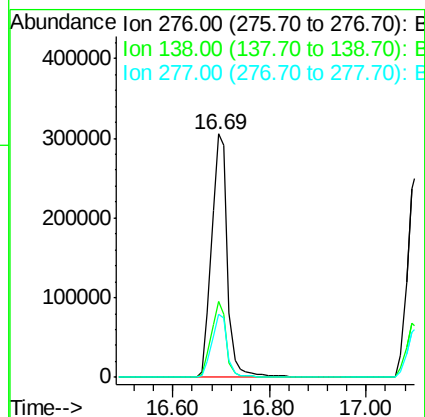
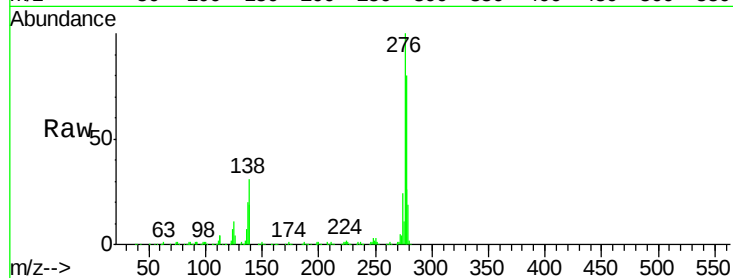




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.03 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

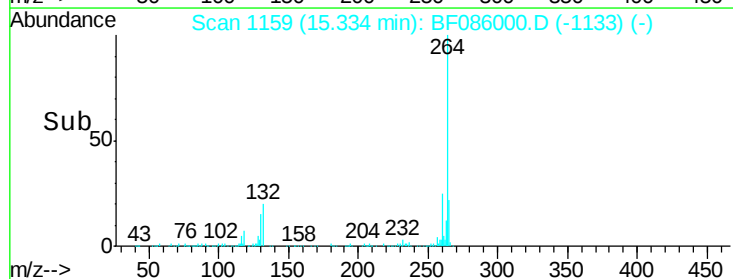
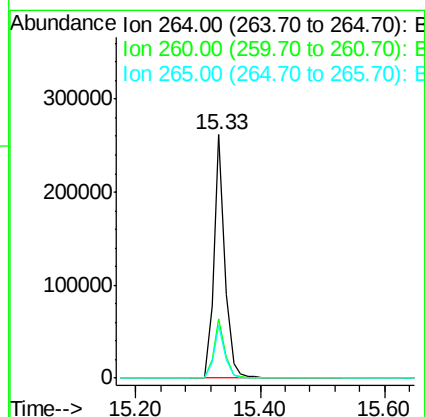
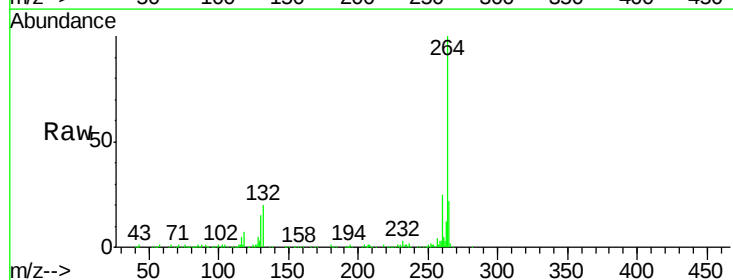
Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)MS

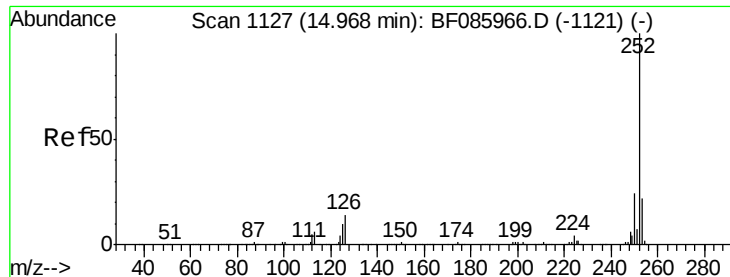
Tgt Ion: 276 Resp: 714610
 Ion Ratio Lower Upper
 276 100
 138 29.8 24.2 36.4
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF086000.D
 Acq: 2 Apr 2016 9:46

Tgt Ion: 264 Resp: 315234
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 87.54 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

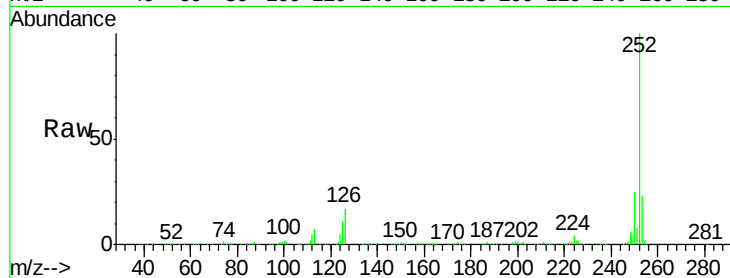
Tgt Ion:252 Resp: 1735935

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

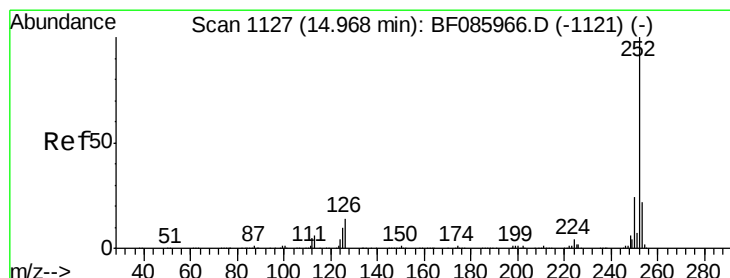
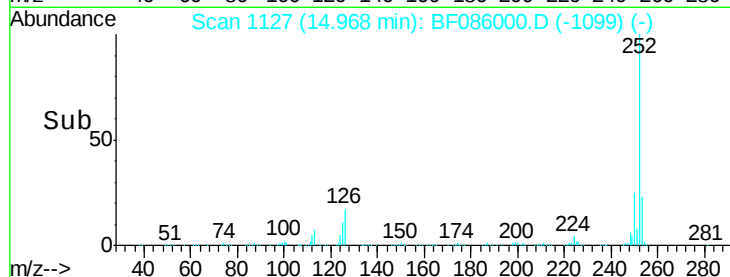
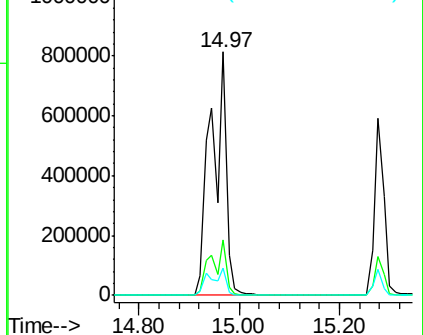
125 11.1 10.3 15.5



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: 98.86 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

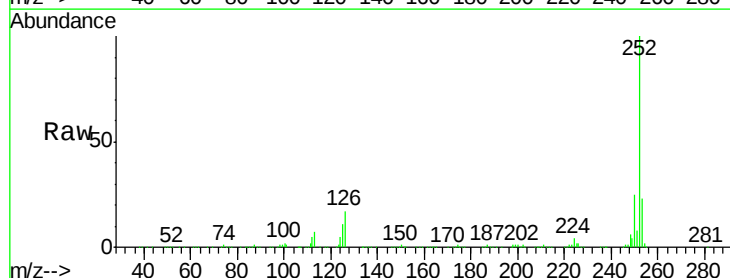
Tgt Ion:252 Resp: 1735935

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

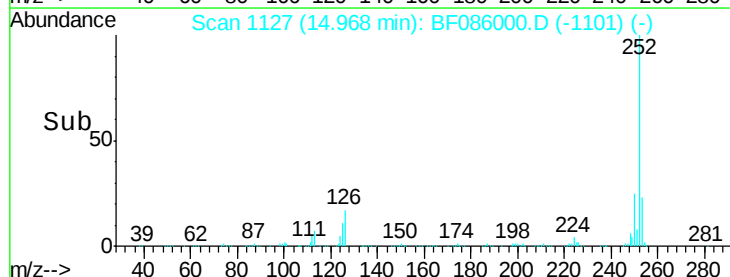
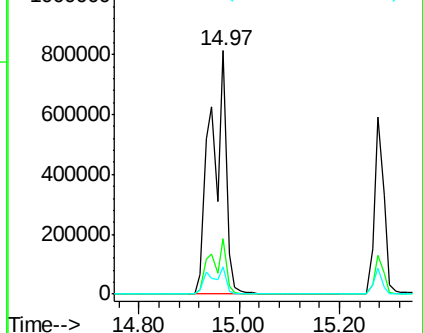
125 11.1 7.7 11.5

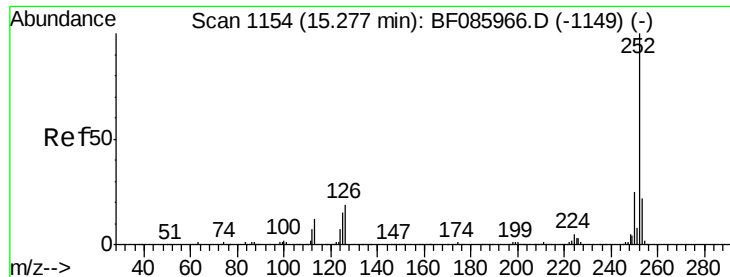


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.55 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

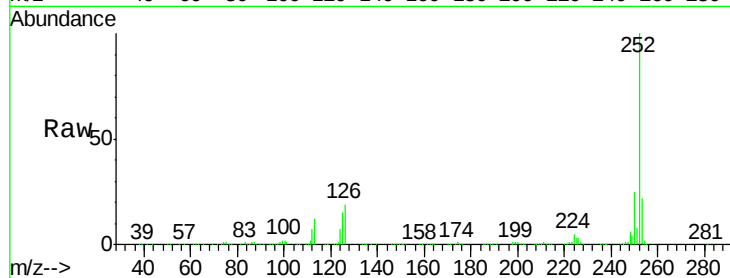
Tgt Ion:252 Resp: 782824

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

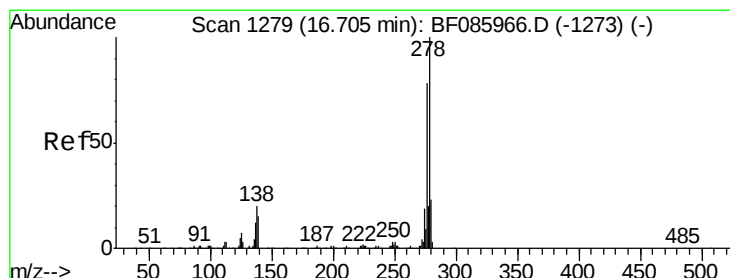
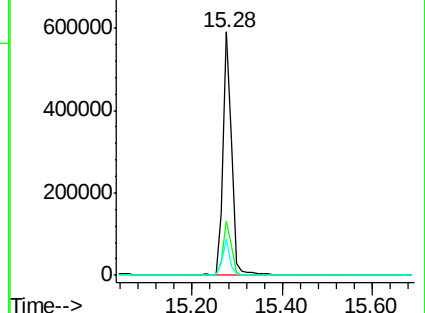
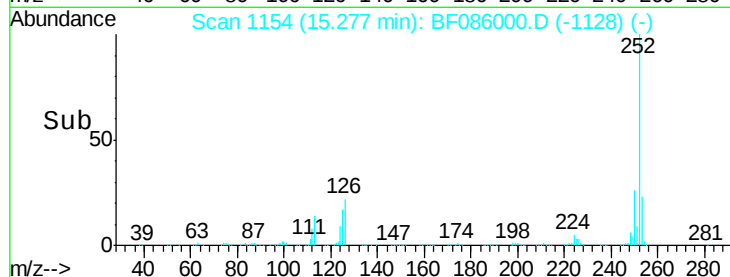
125 14.7 10.3 15.5



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



#90

Dibenzo(a,h)anthracene

Concen: 42.78 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

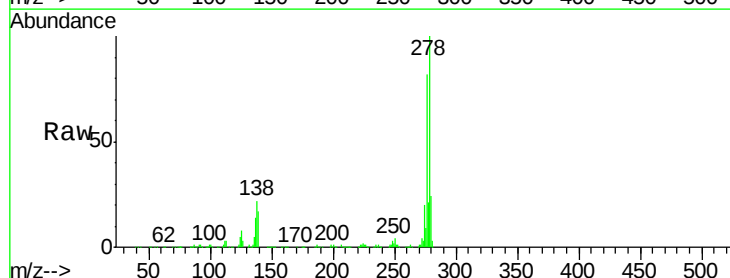
Tgt Ion:278 Resp: 604816

Ion Ratio Lower Upper

278 100

139 16.5 14.4 21.6

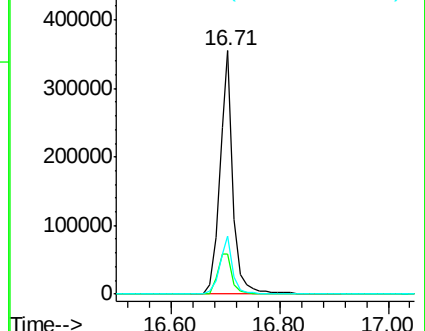
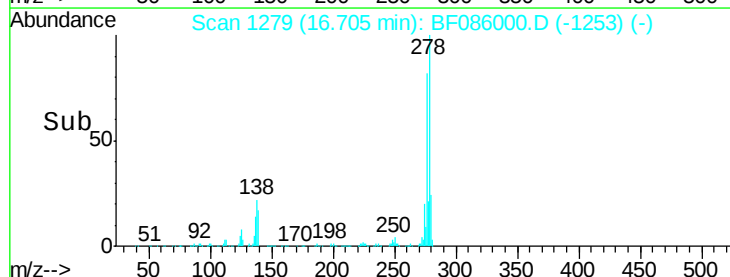
279 23.6 19.1 28.7

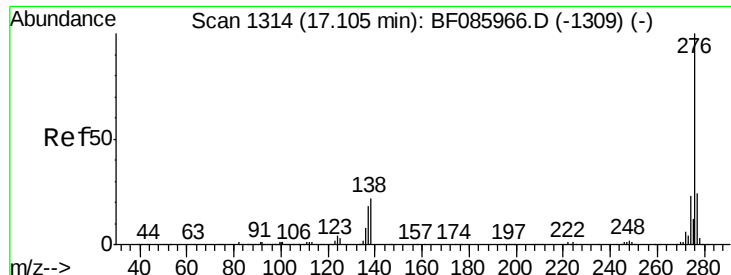


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.29 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF086000.D

Acq: 2 Apr 2016 9:46

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)MS

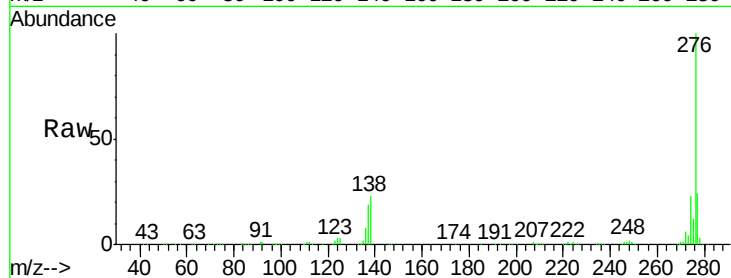
Tgt Ion: 276 Resp: 564849

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.9 22.6 34.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

