

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086761.D
 Acq On : 7 May 2016 9:00
 Operator : UM/SJ
 Sample : H2863-01MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Quant Time: May 07 23:18:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169346	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	714814	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	322734	40.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	551692	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	352673	40.00	ng	-0.03
86) Perylene-d12	15.23	264	327997	40.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1447789	141.53	ng	0.00
7) Phenol-d6	6.37	99	1780192	129.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	1353186	97.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	426952	135.24	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1733348	88.04	ng	-0.03
78) Terphenyl-d14	12.81	244	1643261	94.17	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	182051	34.43	ng	# 71
3) Pyridine	3.01	79	423515	32.67	ng	# 70
4) n-Nitrosodimethylamine	2.94	42	408382	51.93	ng	# 54
6) Aniline	6.38	93	237619	13.97	ng	# 1
8) 2-Chlorophenol	6.50	128	568029	46.27	ng	92
9) Benzaldehyde	6.26	77	60542	8.81	ng	96
10) Phenol	6.38	94	748921	49.68	ng	73
11) bis(2-Chloroethyl)ether	6.45	93	553038	42.62	ng	86
12) 1,3-Dichlorobenzene	6.65	146	606949	46.56	ng	99
13) 1,4-Dichlorobenzene	6.73	146	601210	44.61	ng	100
14) 1,2-Dichlorobenzene	6.88	146	524595	44.70	ng	97
15) Benzyl Alcohol	6.86	79	460189	51.62	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1189402	44.83	ng	# 51
17) 2-Methylphenol	6.99	107	471849	47.74	ng	# 82
18) Hexachloroethane	7.22	117	238616	46.90	ng	# 86
19) n-Nitroso-di-n-propylamine	7.14	70	440717	46.81	ng	# 70
20) 3+4-Methylphenols	7.15	107	614266	53.08	ng	# 59
22) Acetophenone	7.13	105	817950	49.11	ng	98
24) Nitrobenzene	7.30	77	647489	45.02	ng	98
25) Isophorone	7.54	82	1198089	46.25	ng	98
26) 2-Nitrophenol	7.62	139	324412	50.56	ng	# 91
27) 2,4-Dimethylphenol	7.66	122	508141	45.10	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	727290	51.01	ng	98
29) 2,4-Dichlorophenol	7.87	162	467317	48.24	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	517206	47.86	ng	98
31) Naphthalene	8.02	128	1713527	46.92	ng	99
32) Benzoic acid	7.80	122	152664	37.06	ng	# 82
33) 4-Chloroaniline	8.09	127	62361	4.41	ng	# 94
34) Hexachlorobutadiene	8.13	225	290556	47.35	ng	98
35) Caprolactam	8.48	113	92053	30.70	ng	# 69
36) 4-Chloro-3-methylphenol	8.58	107	505219	45.71	ng	90
37) 2-Methylnaphthalene	8.70	142	1017207	47.21	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	458472	49.08	ng	98
40) Hexachlorocyclopentadiene	8.85	237	528802	119.53	ng	95

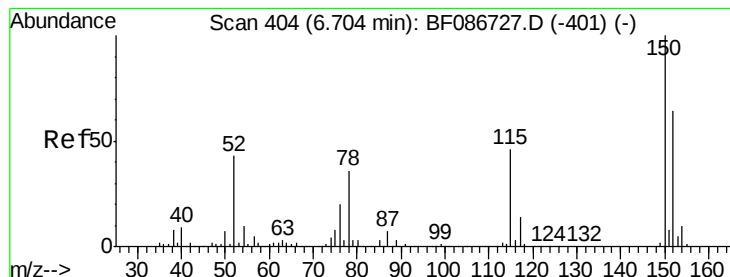
Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	310049	52.19	ng	95
43) 2,4,5-Trichlorophenol	9.05	196	333249	53.70	ng	95
45) 1,1'-Biphenyl	9.17	154	1340460	50.80	ng	98
46) 2-Chloronaphthalene	9.20	162	1013642	49.78	ng	96
47) 2-Nitroaniline	9.30	65	334979	46.28	ng	# 73
48) Acenaphthylene	9.61	152	1404595	46.47	ng	99
49) Dimethylphthalate	9.48	163	1343158	55.83	ng	99
50) 2,6-Dinitrotoluene	9.55	165	267610	51.83	ng	# 69
51) Acenaphthene	9.78	154	933404	46.81	ng	99
52) 3-Nitroaniline	9.71	138	94859	16.16	ng	# 72
53) 2,4-Dinitrophenol	9.82	184	275066	106.73	ng	89
54) Dibenzofuran	9.95	168	1204044	48.72	ng	93
55) 4-Nitrophenol	9.90	139	315725	92.26	ng	# 55
56) 2,4-Dinitrotoluene	9.95	165	323840	50.61	ng	# 84
57) Fluorene	10.29	166	1021042	50.98	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	263023	57.71	ng	94
59) Diethylphthalate	10.18	149	1023609	44.95	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	427117	44.86	ng	95
61) 4-Nitroaniline	10.34	138	255065	45.23	ng	# 74
62) Azobenzene	10.44	77	1237358	49.03	ng	85
64) 4,6-Dinitro-2-methylphenol	10.36	198	199346	64.06	ng	79
65) n-Nitrosodiphenylamine	10.41	169	833338	47.57	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	282146	51.46	ng	96
67) Hexachlorobenzene	10.83	284	312428	46.73	ng	# 63
68) Atrazine	10.94	200	267901	49.90	ng	95
69) Pentachlorophenol	11.04	266	346809	104.93	ng	98
70) Phenanthrene	11.25	178	1497050	50.52	ng	99
71) Anthracene	11.30	178	1401142	45.15	ng	99
72) Carbazole	11.46	167	1234534	45.81	ng	98
73) Di-n-butylphthalate	11.79	149	1473257	46.05	ng	# 98
74) Fluoranthene	12.43	202	1479268	49.81	ng	95
76) Benzidine	12.57	184	121074	17.77	ng	97
77) Pyrene	12.66	202	1525128	54.24	ng	100
79) Butylbenzylphthalate	13.29	149	678007	57.57	ng	98
80) Benzo(a)anthracene	13.84	228	1015211	50.90	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	159918	12.76	ng	# 95
82) Chrysene	13.88	228	1170524	55.01	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	872707	64.04	ng	# 100
84) Di-n-octyl phthalate	14.45	149	1512330	75.42	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.53	276	942259	51.61	ng	95
87) Benzo(b)fluoranthene	14.88	252	1998998	101.43	ng	# 95
88) Benzo(k)fluoranthene	14.88	252	2000499	107.73	ng	98
89) Benzo(a)pyrene	15.17	252	903325	49.76	ng	97
90) Dibenzo(a,h)anthracene	16.55	278	791592	45.39	ng	# 94
91) Benzo(g,h,i)perylene	16.92	276	775873	42.38	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

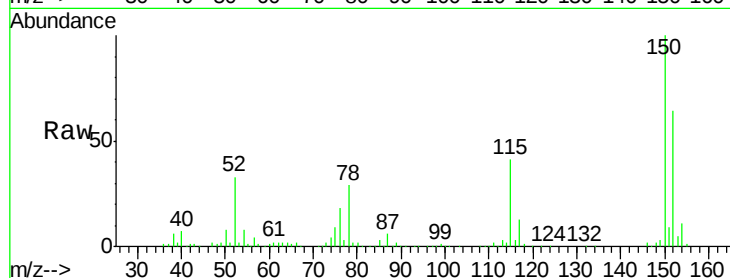
Tgt Ion:152 Resp: 169346

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

115 64.7 51.5 77.3

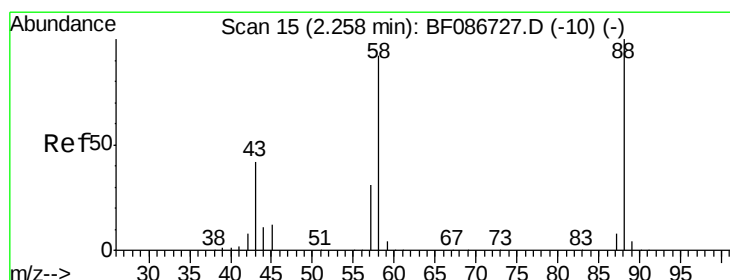
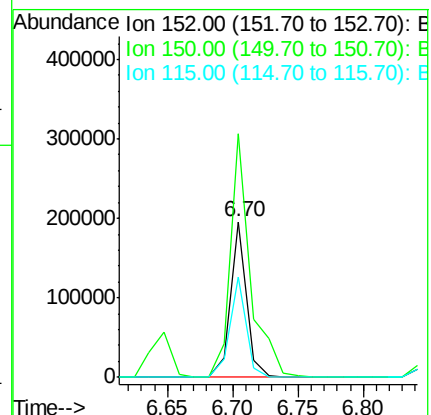
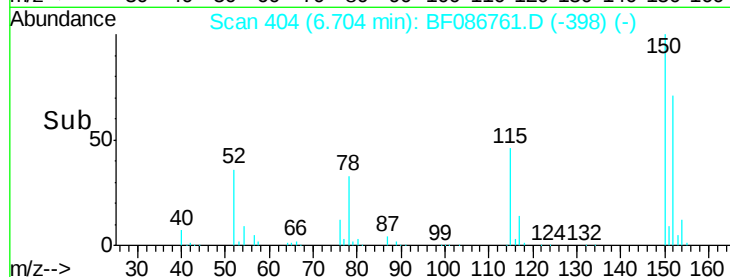


Abundance

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: 34.43 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

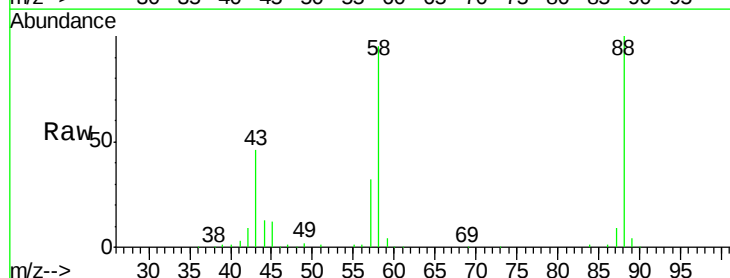
Tgt Ion: 88 Resp: 182051

Ion Ratio Lower Upper

88 100

58 96.9 59.6 89.4#

43 46.4 21.8 32.6#

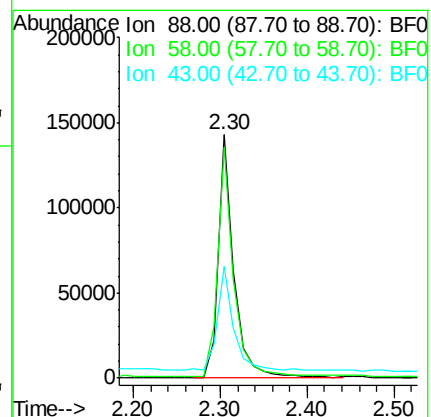
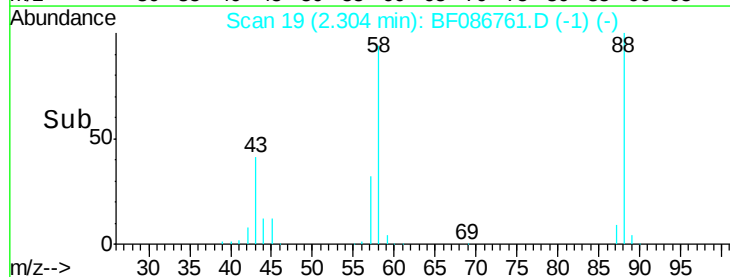


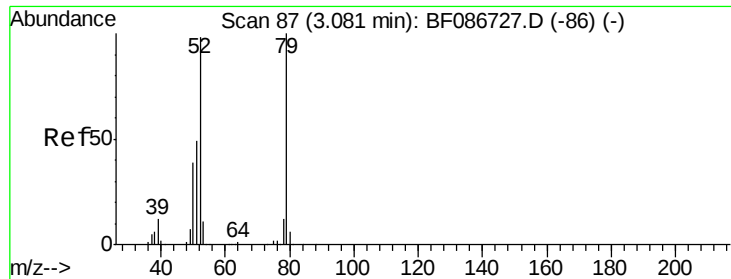
Abundance

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: 32.67 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

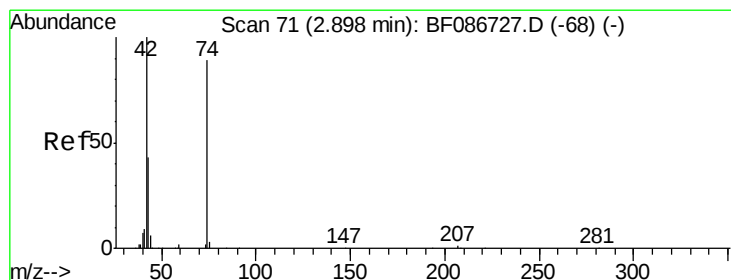
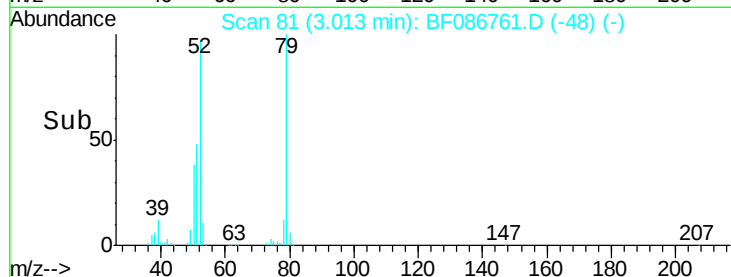
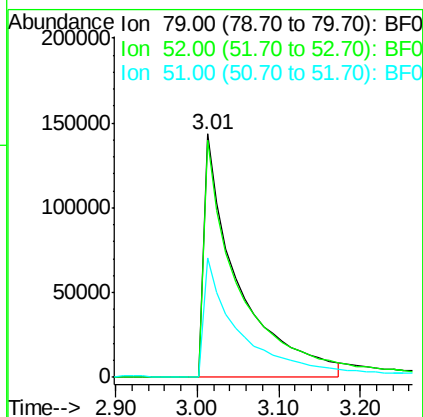
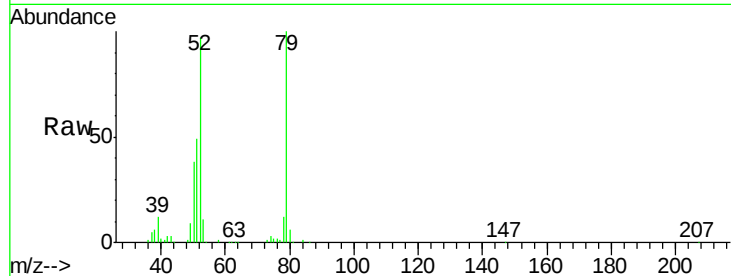
Tgt Ion: 79 Resp: 423515

Ion Ratio Lower Upper

79 100

52 97.3 55.9 83.9#

51 48.9 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 51.93 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.06 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

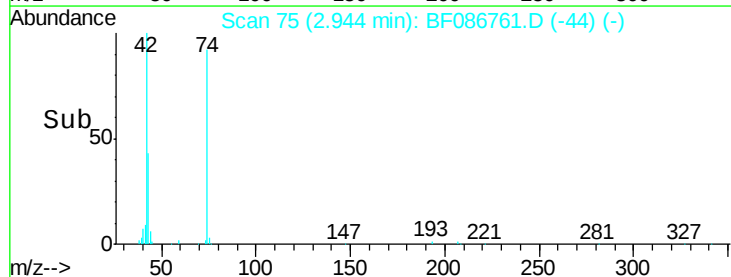
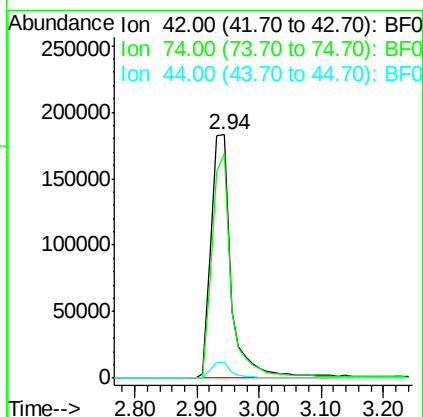
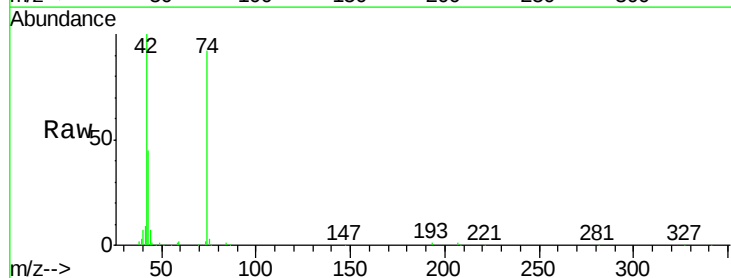
Tgt Ion: 42 Resp: 408382

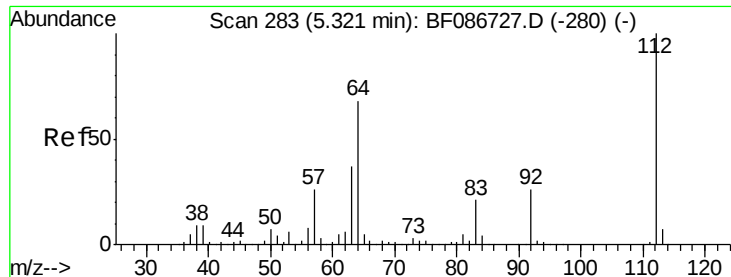
Ion Ratio Lower Upper

42 100

74 92.2 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 141.53 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

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ClientSampleId :

IM-MICHELINI-001MSD

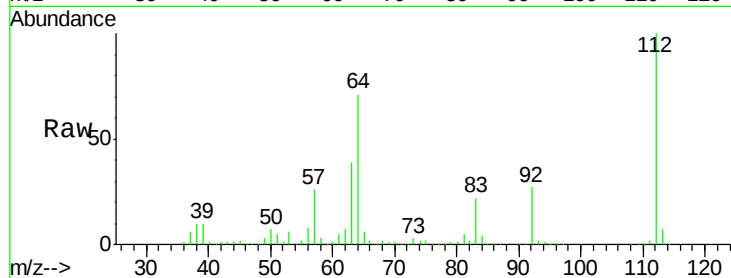
Tgt Ion: 112 Resp: 1447789

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

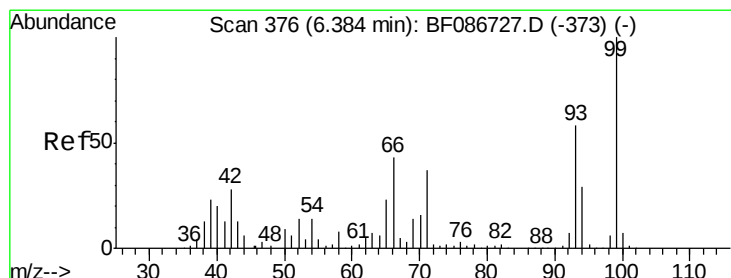
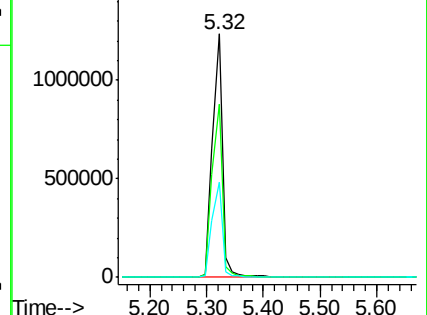
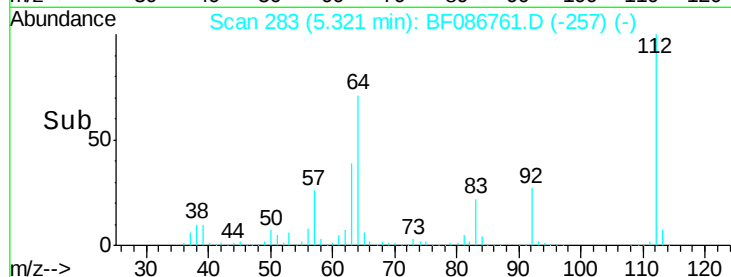
63 39.0 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.97 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

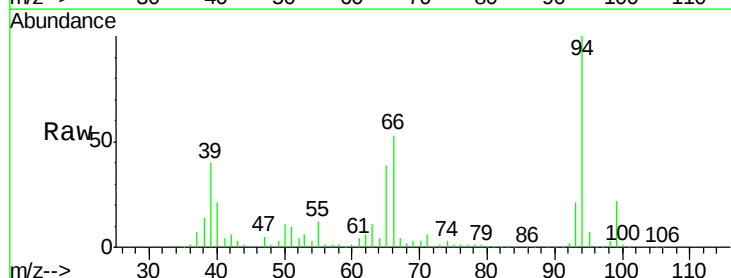
Tgt Ion: 93 Resp: 237619

Ion Ratio Lower Upper

93 100

66 258.2 39.0 58.6#

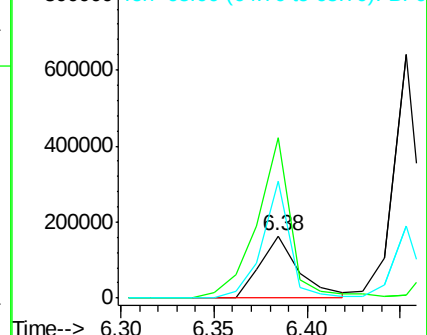
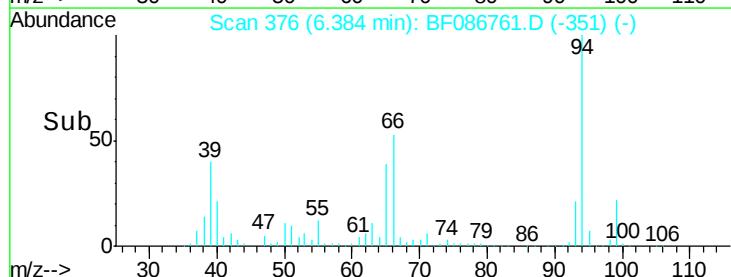
65 188.7 20.6 31.0#

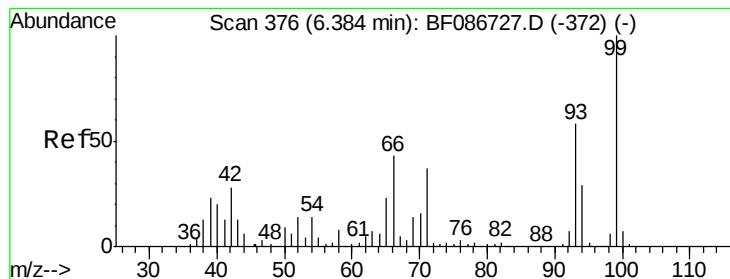


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.19 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

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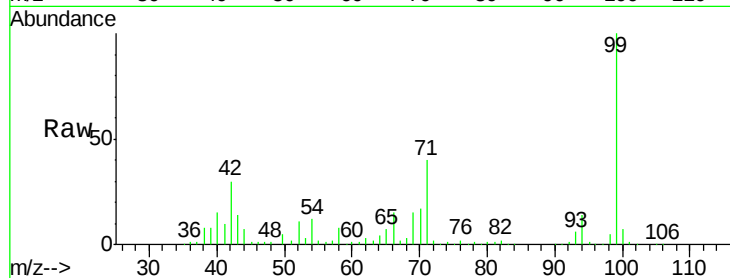
Tgt Ion: 99 Resp: 1780192

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

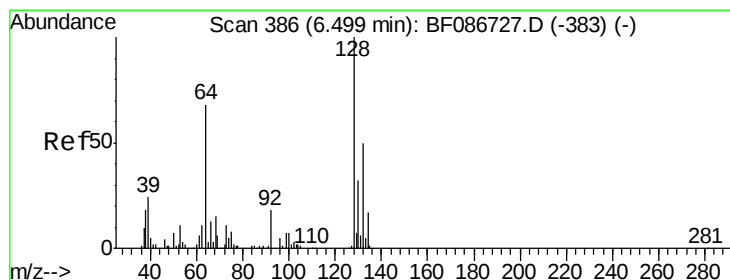
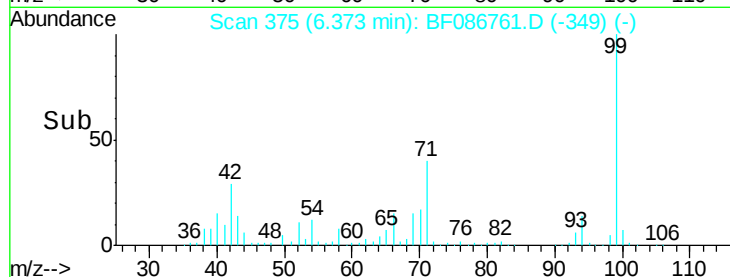
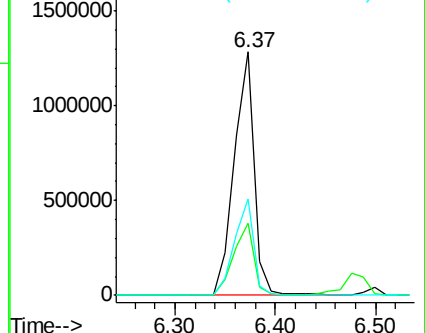
71 39.6 24.6 36.8#



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: 46.27 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

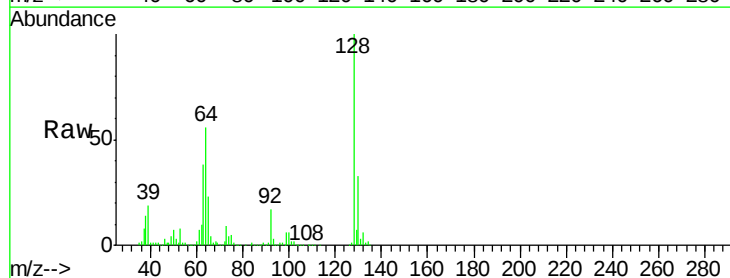
Tgt Ion: 128 Resp: 568029

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

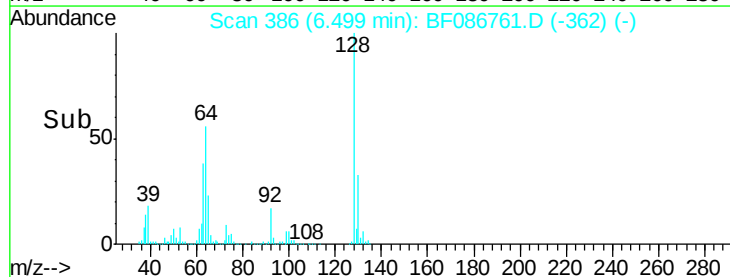
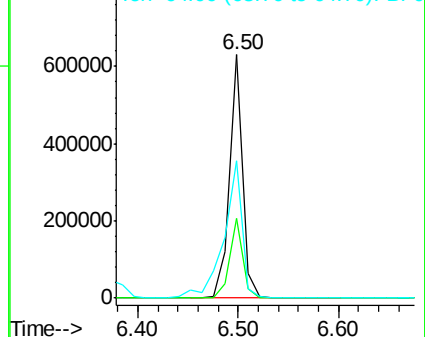
64 56.4 27.3 67.3

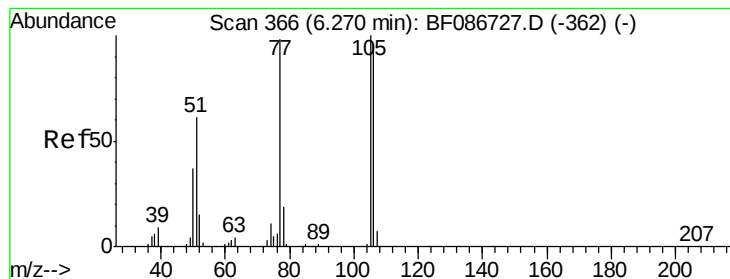


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.81 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

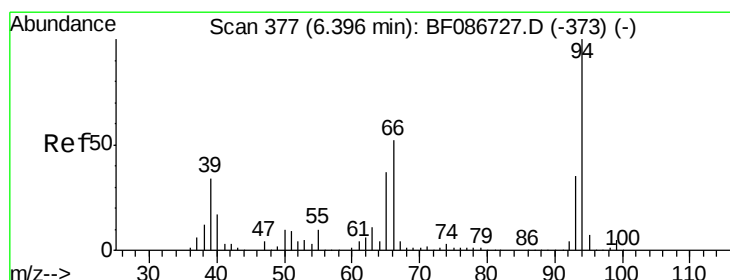
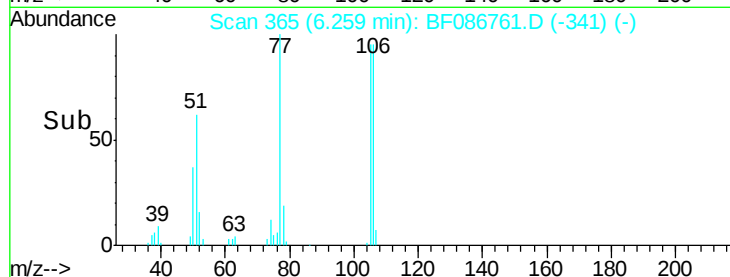
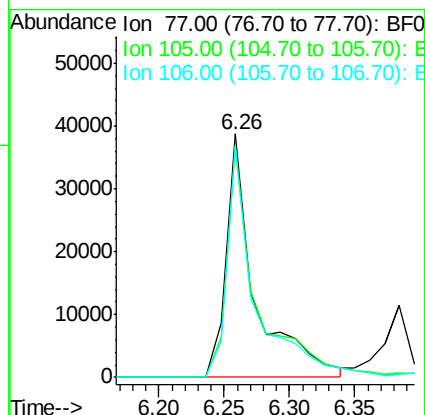
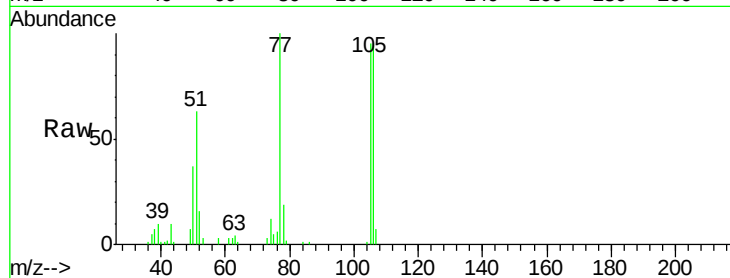
Tgt Ion: 77 Resp: 60542

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

106 95.4 70.8 110.8



#10

Phenol

Concen: 49.68 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

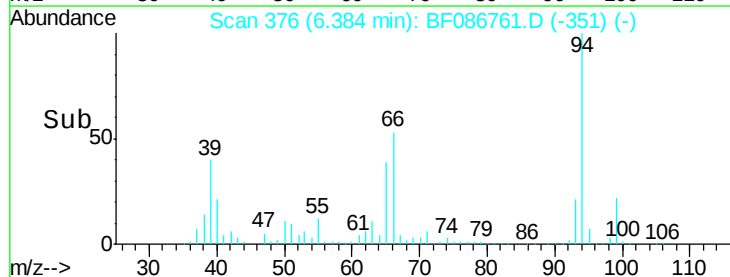
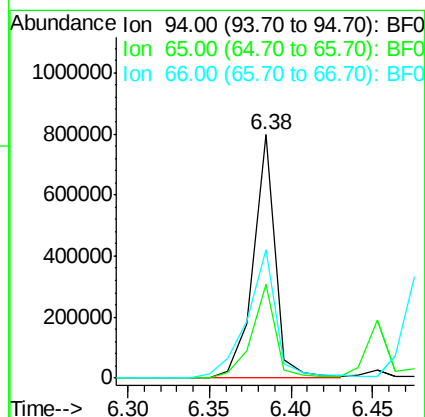
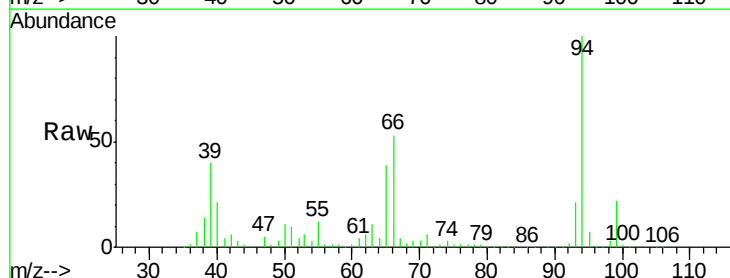
Tgt Ion: 94 Resp: 748921

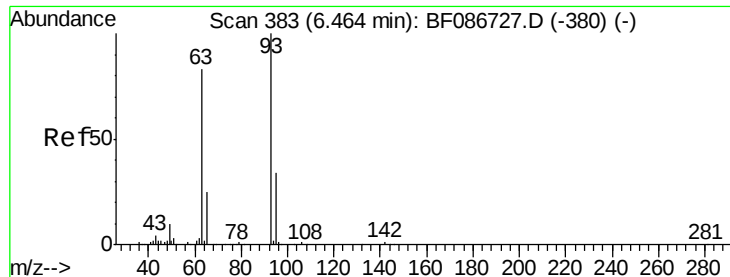
Ion Ratio Lower Upper

94 100

65 38.7 7.2 47.2

66 53.0 14.9 54.9

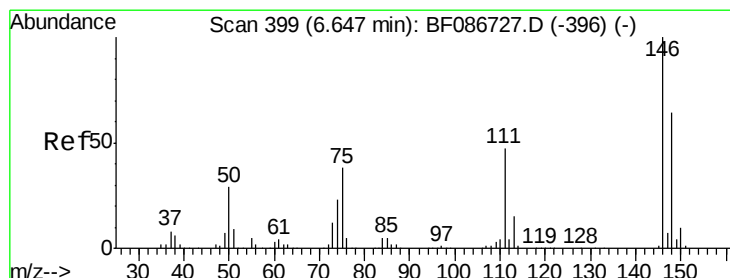
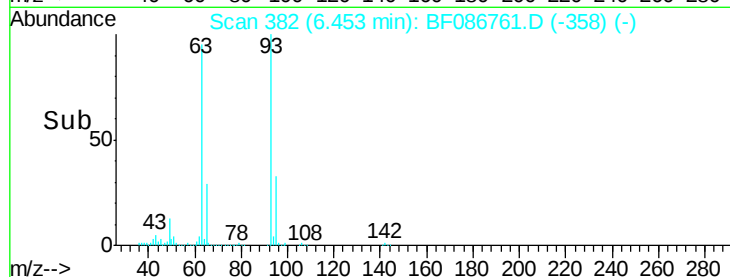
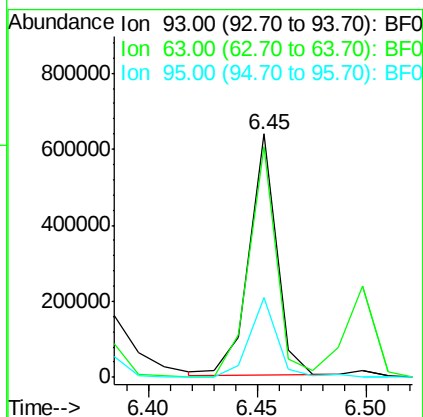
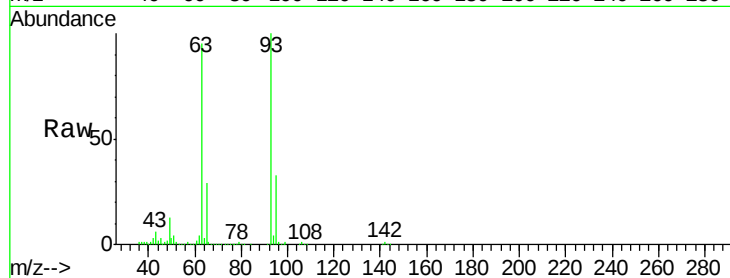




#11
bis(2-Chloroethyl)ether
Concen: 42.62 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

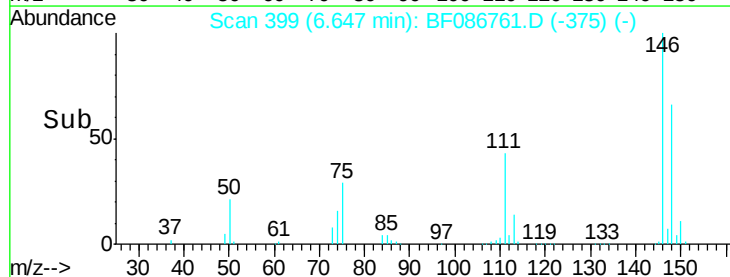
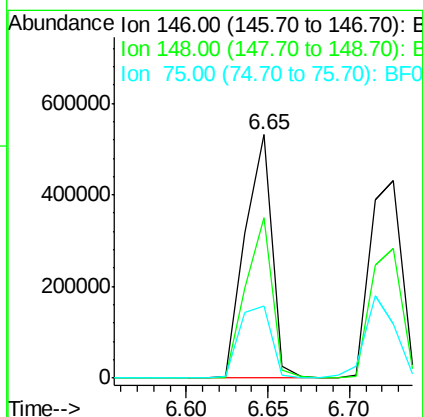
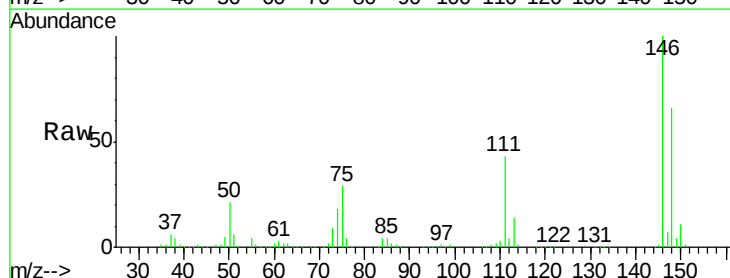
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

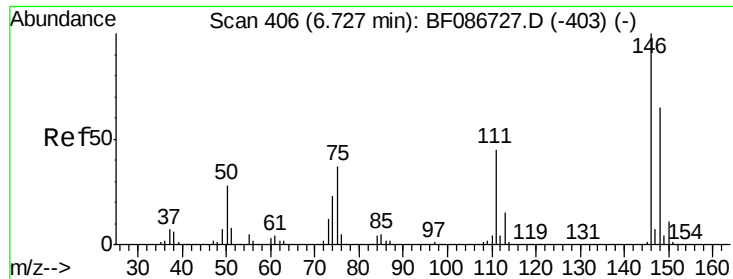
Tgt Ion: 93 Resp: 553038
Ion Ratio Lower Upper
93 100
63 95.0 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 46.56 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion: 146 Resp: 606949
Ion Ratio Lower Upper
146 100
148 65.8 52.4 78.6
75 29.5 22.8 34.2

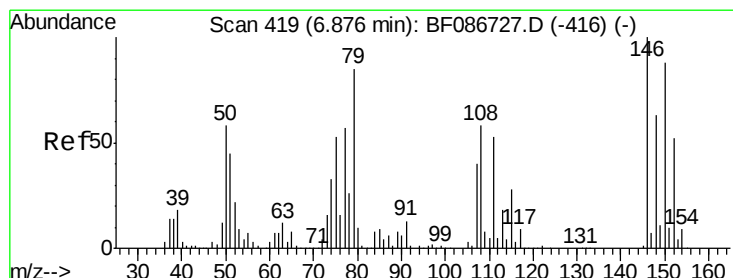
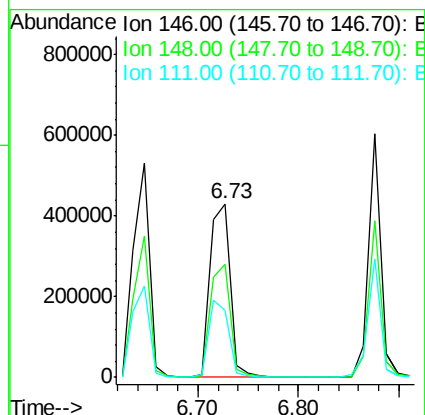
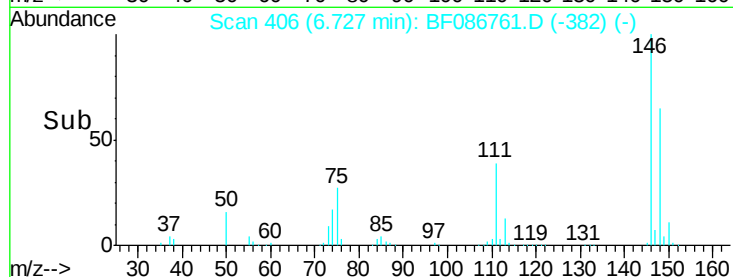
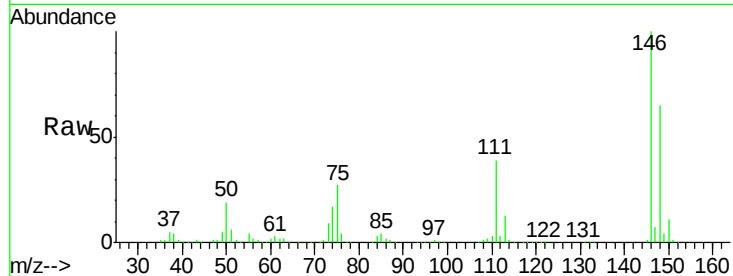




#13
 1,4-Dichlorobenzene
 Concen: 44.61 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

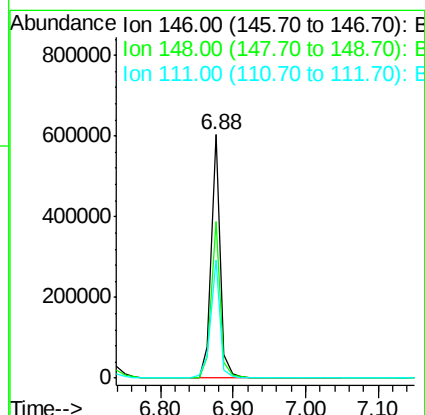
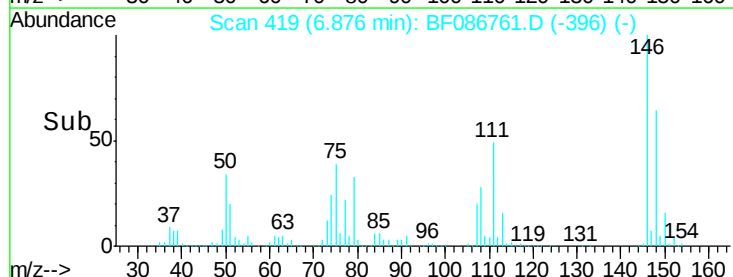
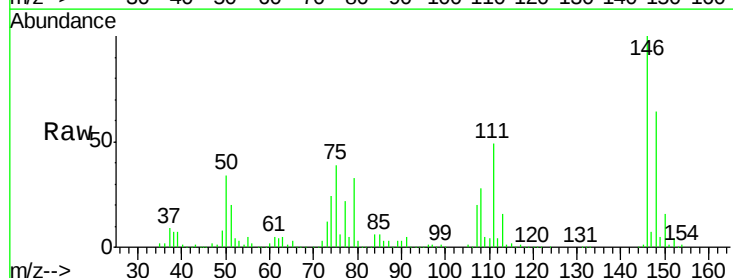
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

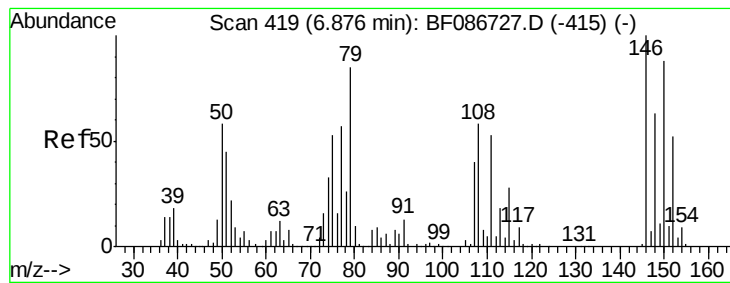
Tgt Ion:146 Resp: 601210
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.4
 111 38.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 44.70 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:146 Resp: 524595
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 48.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 51.62 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

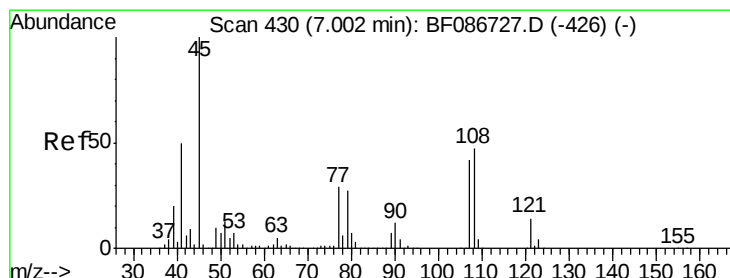
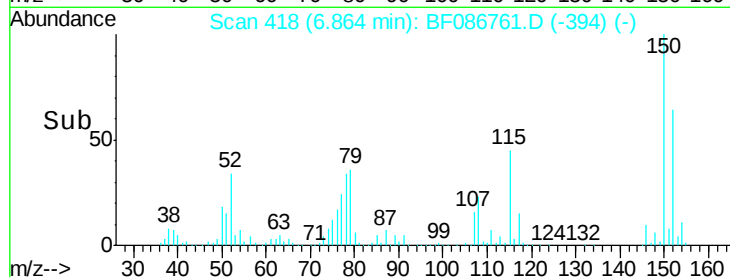
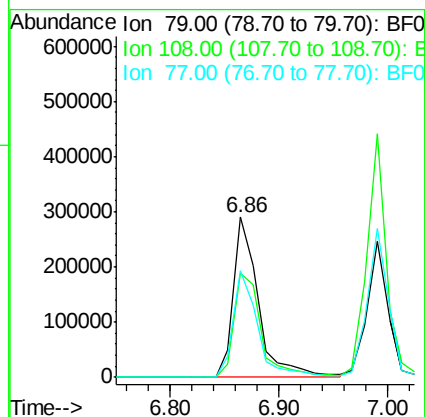
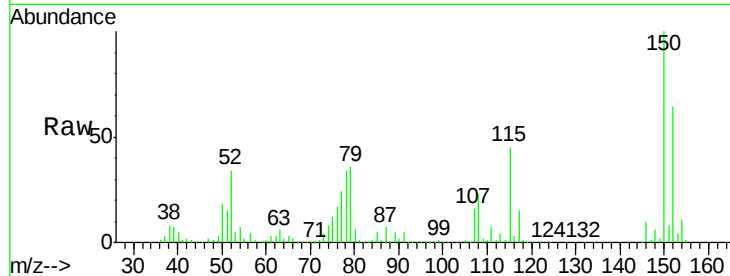
Tgt Ion: 79 Resp: 460189

Ion Ratio Lower Upper

79 100

108 65.4 68.4 102.6#

77 66.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.83 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

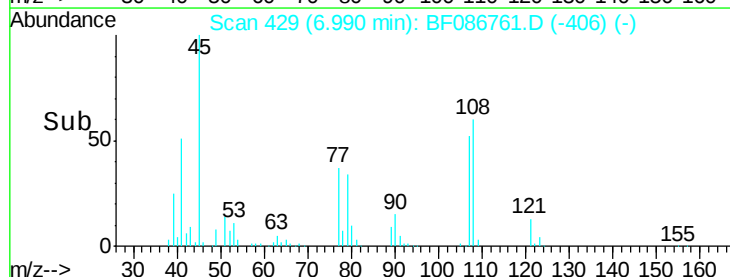
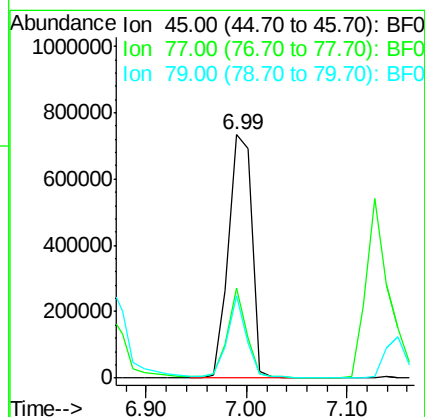
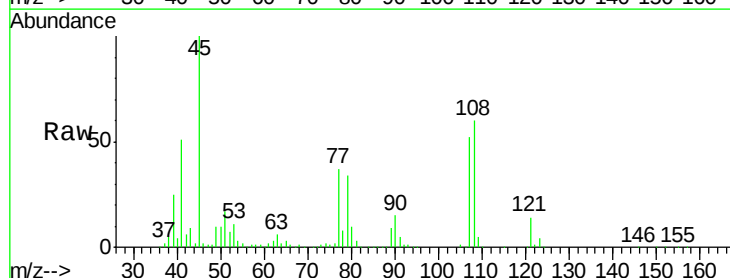
Tgt Ion: 45 Resp: 1189402

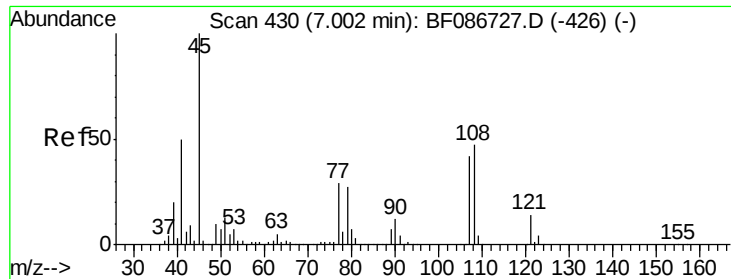
Ion Ratio Lower Upper

45 100

77 36.8 0.0 36.4#

79 33.7 0.0 33.4#





#17

2-Methylphenol

Concen: 47.74 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

Tgt Ion:107 Resp: 471849

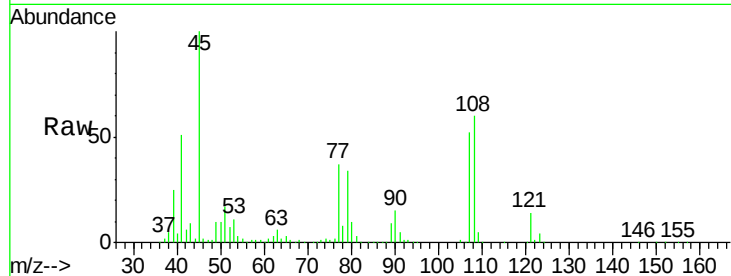
Ion Ratio Lower Upper

107 100

108 114.8 93.7 140.5

77 70.3 33.4 50.0#

79 64.3 34.3 51.5#



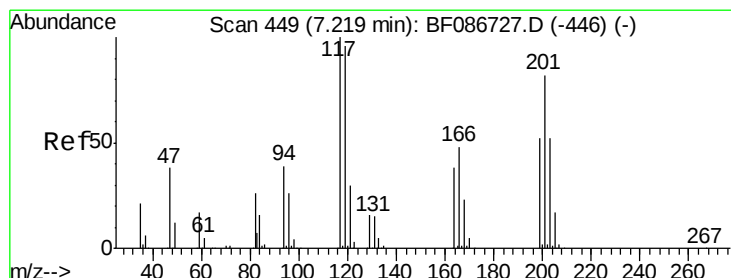
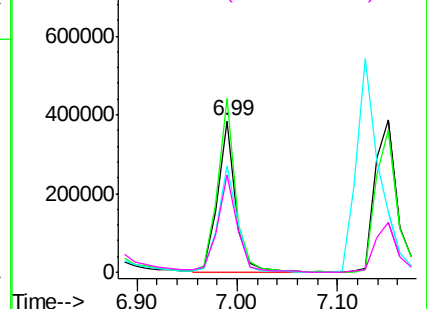
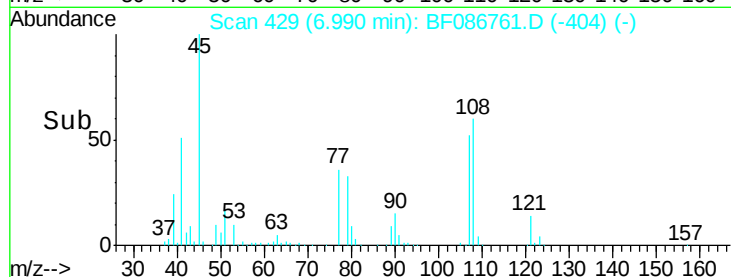
Abundance

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: 46.90 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

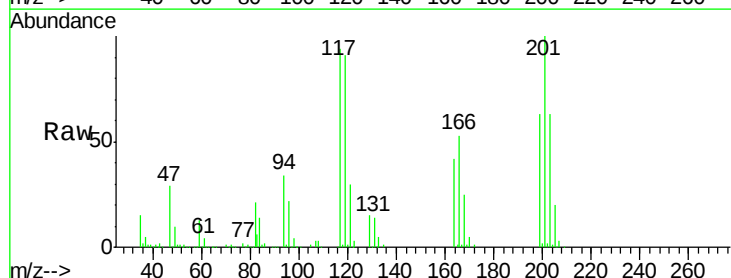
Tgt Ion:117 Resp: 238616

Ion Ratio Lower Upper

117 100

119 96.3 76.5 114.7

201 105.9 63.0 94.6#

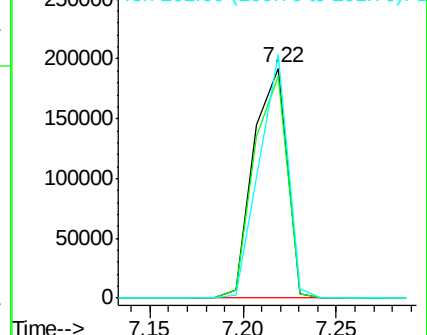
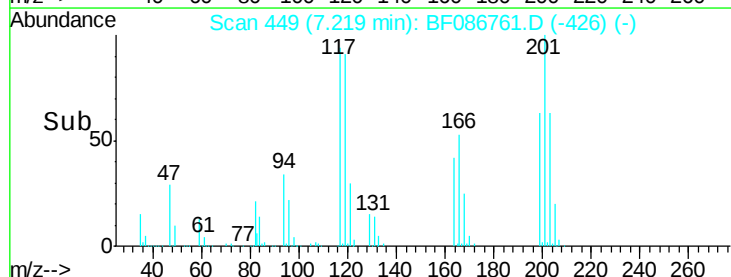


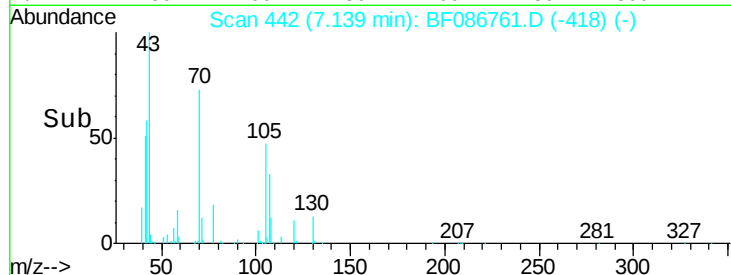
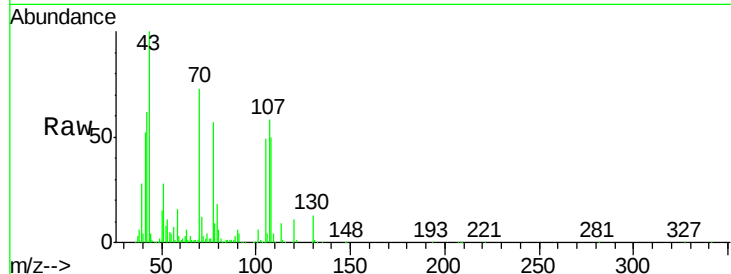
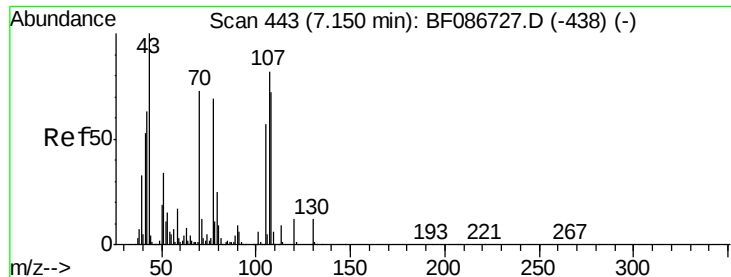
Abundance

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

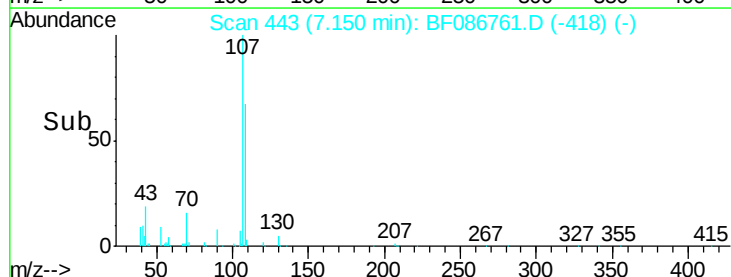
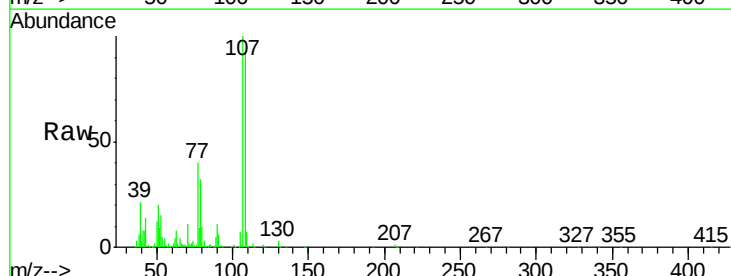
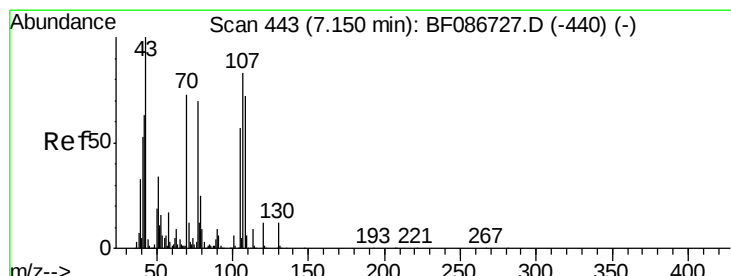
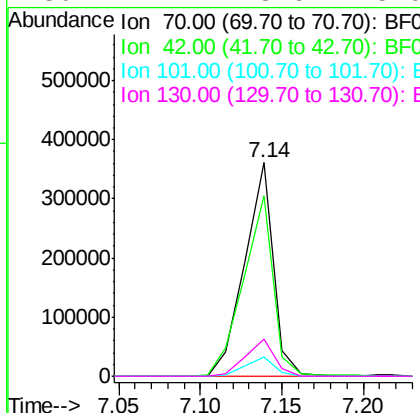




#19
n-Nitroso-di-n-propylamine
Concen: 46.81 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

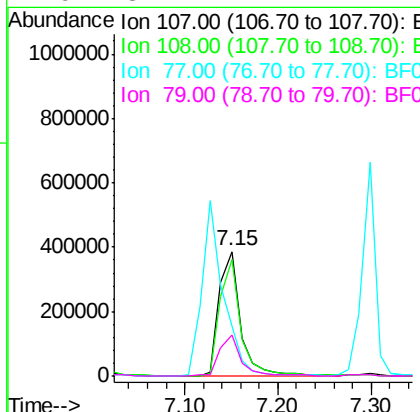
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

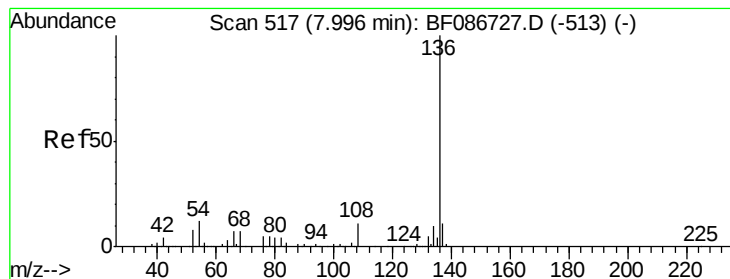
Tgt Ion: 70 Resp: 440717
Ion Ratio Lower Upper
70 100
42 84.7 43.1 64.7#
101 8.7 8.1 12.1
130 17.2 18.6 28.0#



#20
3+4-Methylphenols
Concen: 53.08 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion: 107 Resp: 614266
Ion Ratio Lower Upper
107 100
108 93.5 68.5 108.5
77 39.6 101.6 141.6#
79 32.4 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

Tgt Ion:136 Resp: 714814

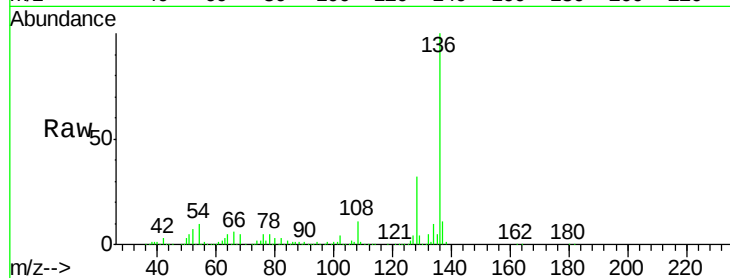
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.9 5.0 7.4#

68 5.4 4.4 6.6

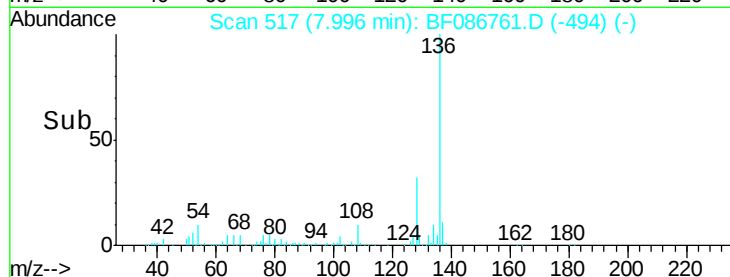


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

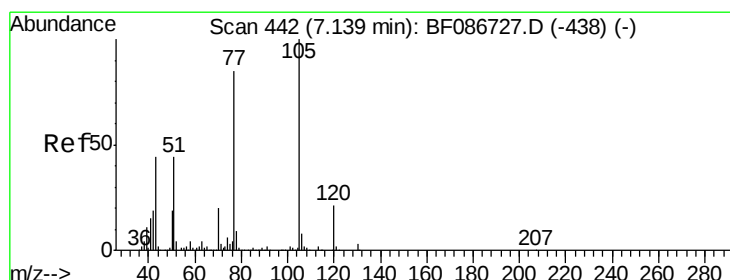
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.00



#22

Acetophenone

Concen: 49.11 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Tgt Ion:105 Resp: 817950

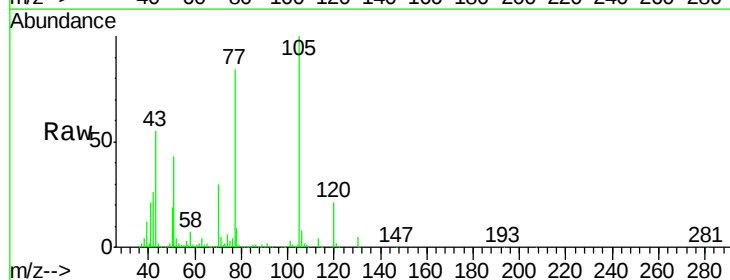
Ion Ratio Lower Upper

105 100

71 5.1 4.8 7.2

51 42.8 32.6 49.0

120 20.6 16.5 24.7

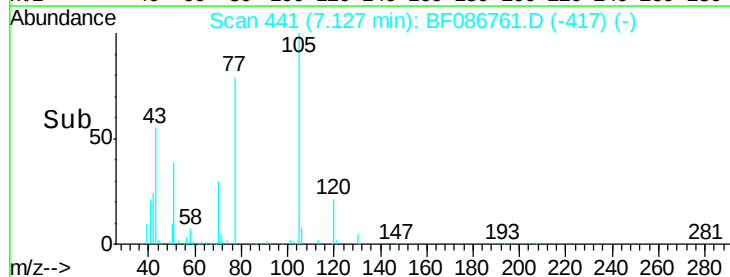


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

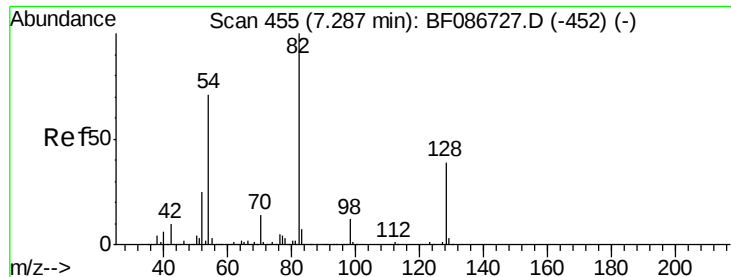
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

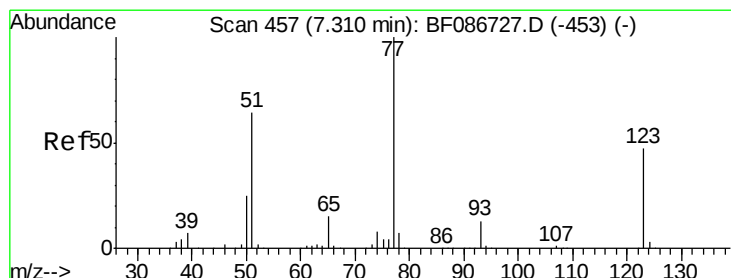
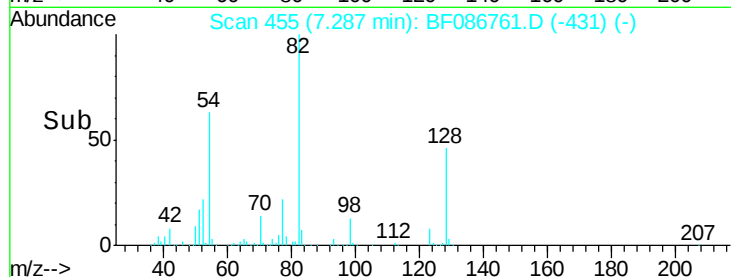
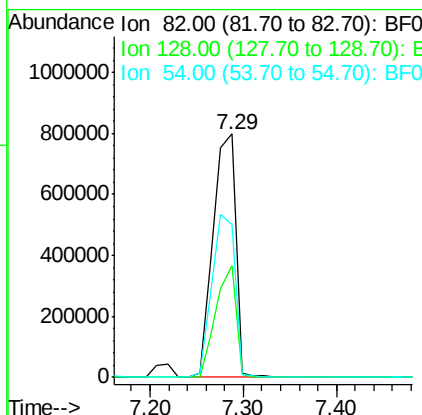
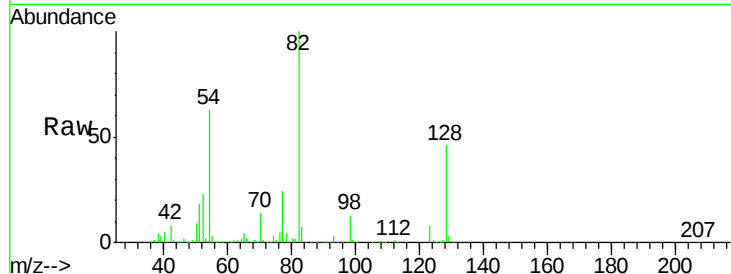
7.13



#23
 Nitrobenzene-d5
 Concen: 97.28 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

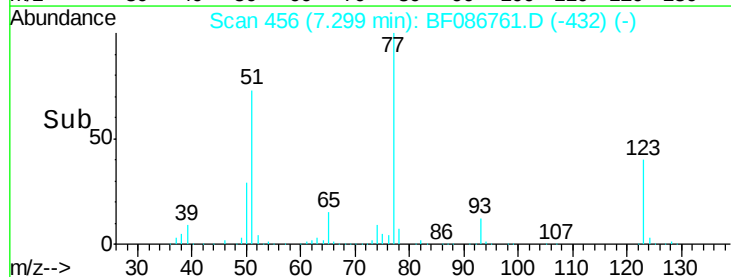
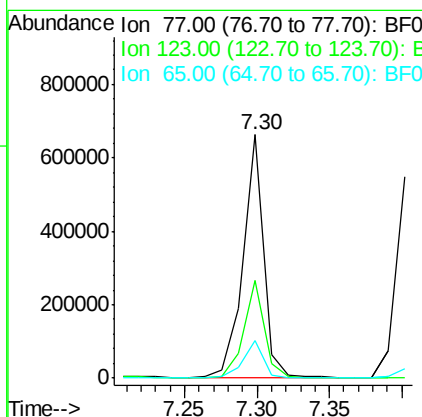
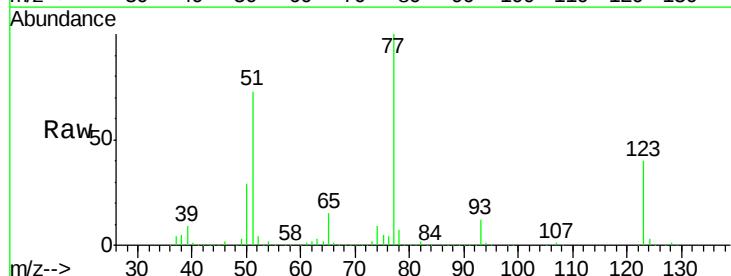
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

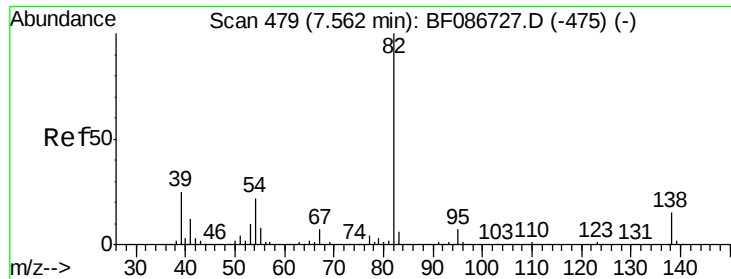
Tgt Ion: 82 Resp: 1353186
 Ion Ratio Lower Upper
 82 100
 128 45.8 40.6 61.0
 54 62.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 45.02 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion: 77 Resp: 647489
 Ion Ratio Lower Upper
 77 100
 123 40.2 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 46.25 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

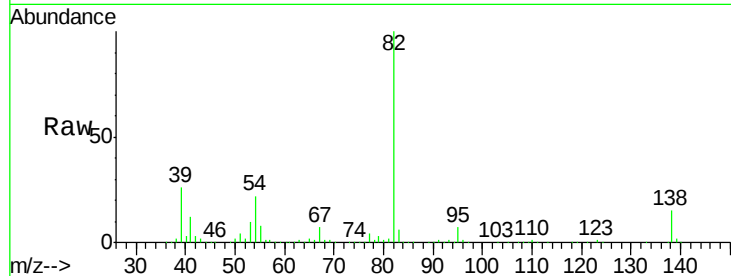
Tgt Ion: 82 Resp: 1198089

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

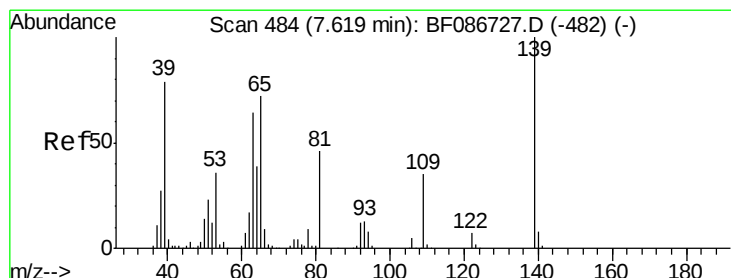
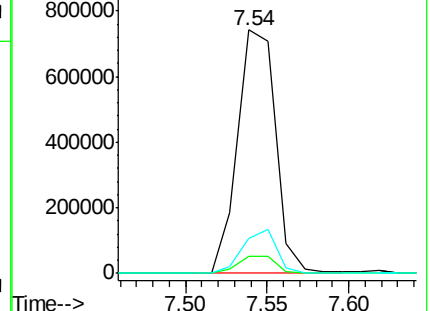
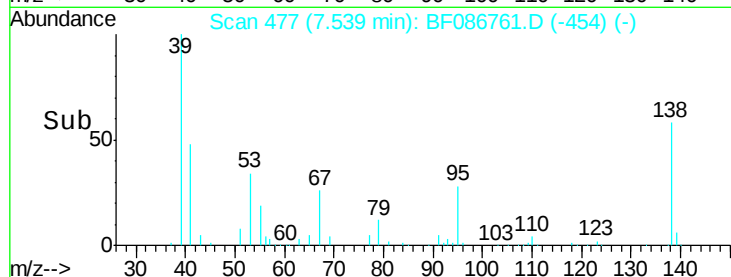
138 14.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.56 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

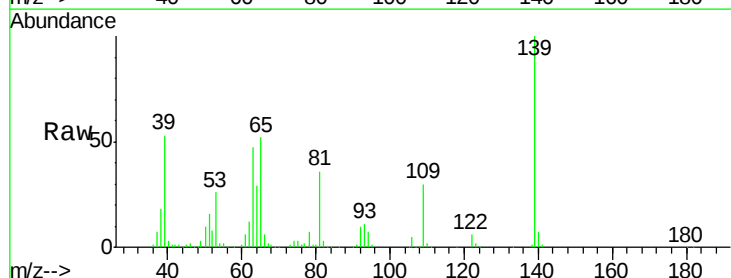
Tgt Ion: 139 Resp: 324412

Ion Ratio Lower Upper

139 100

109 30.0 19.5 29.3#

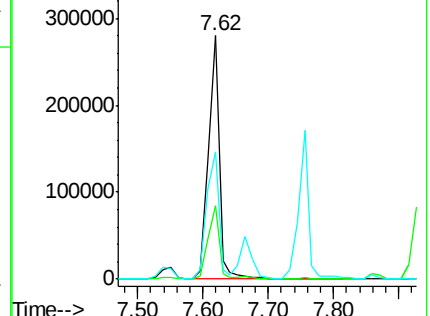
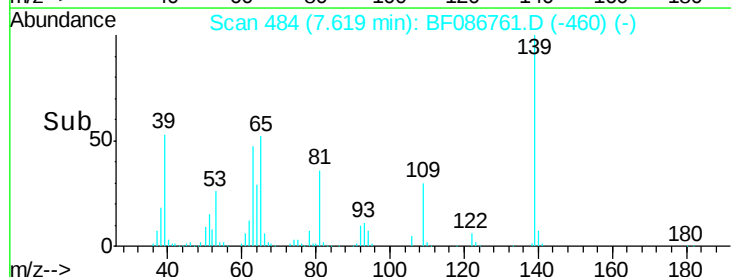
65 52.1 37.5 56.3

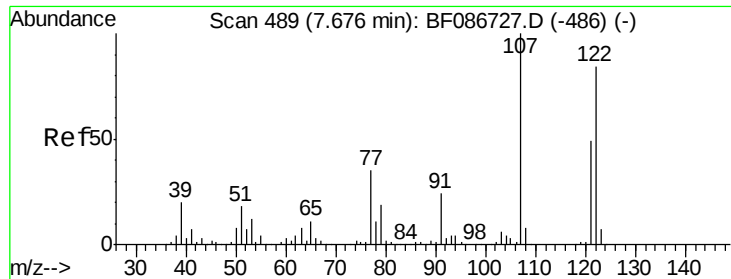


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.10 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

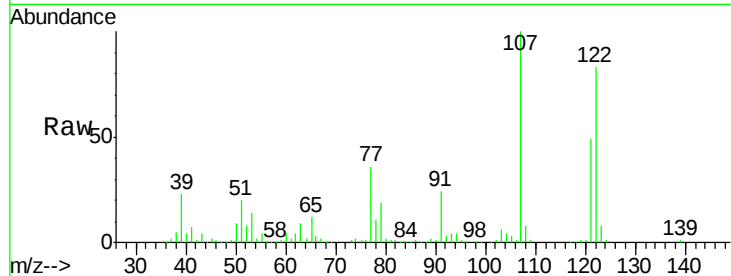
Tgt Ion: 122 Resp: 508141

Ion Ratio Lower Upper

122 100

107 120.7 82.0 123.0

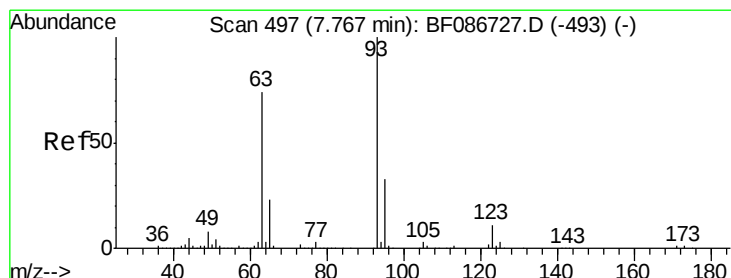
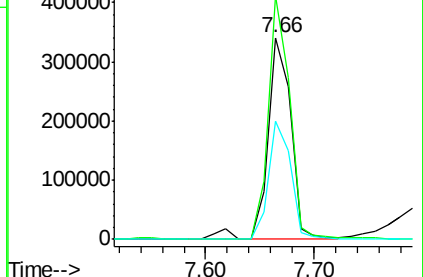
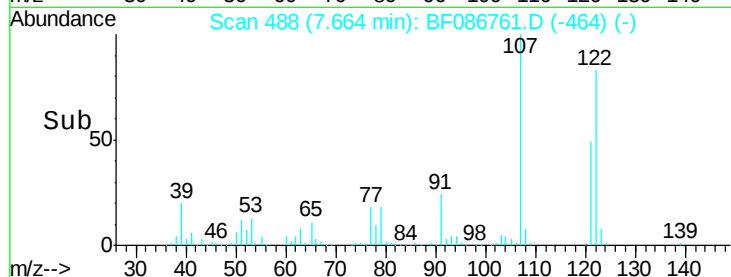
121 58.7 46.1 69.1



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: 51.01 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

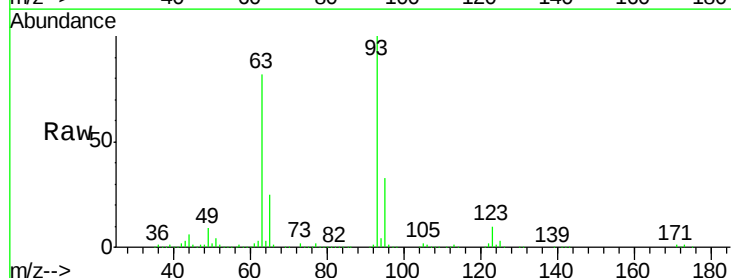
Tgt Ion: 93 Resp: 727290

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

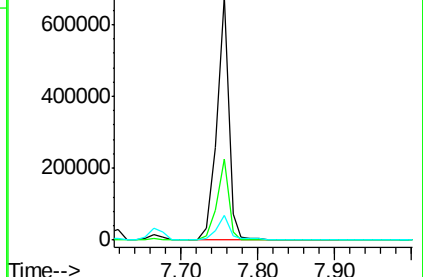
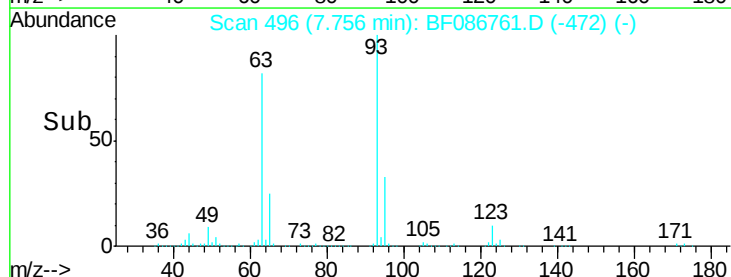
123 10.3 9.5 14.3

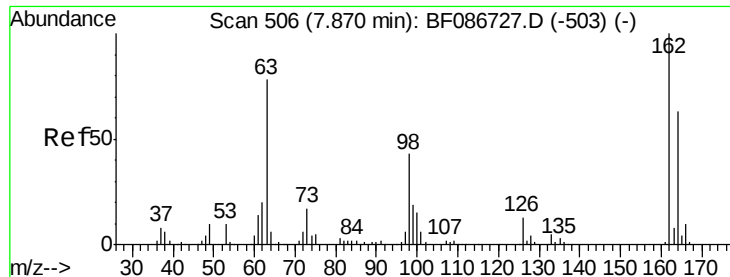


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

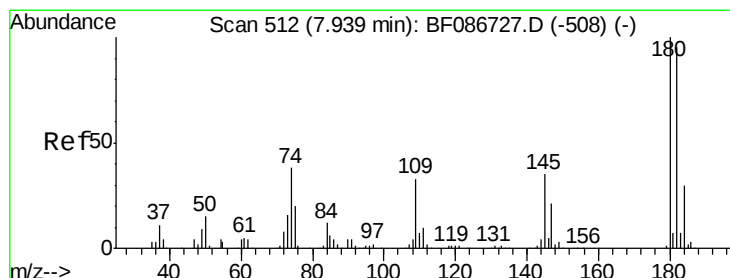
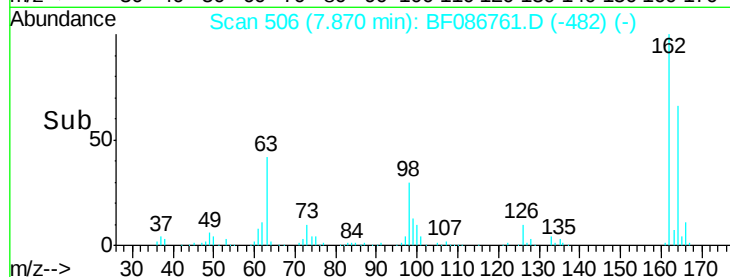
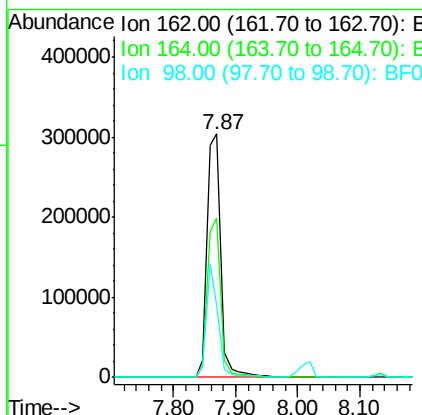
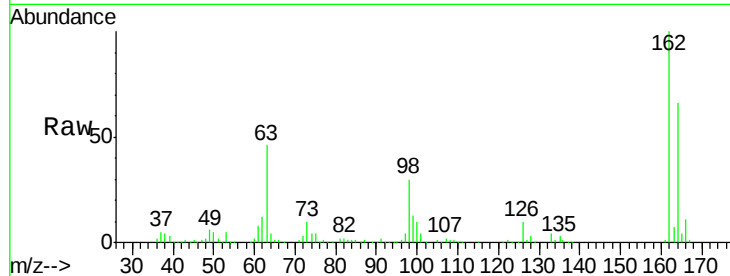




#29
 2,4-Dichlorophenol
 Concen: 48.24 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

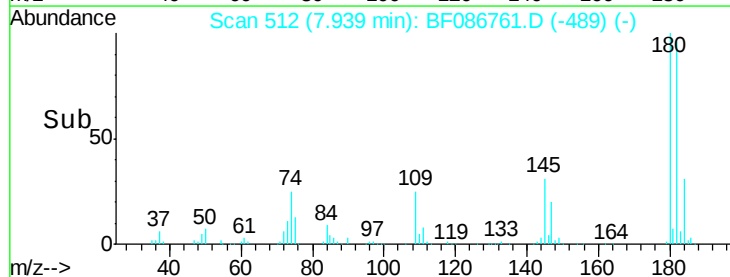
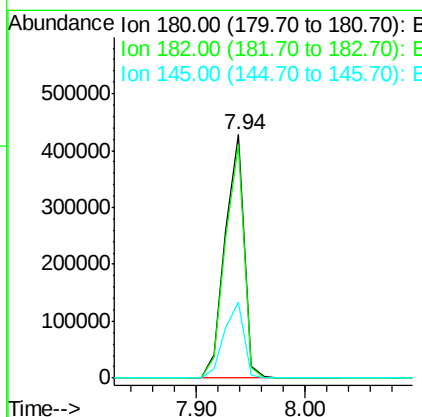
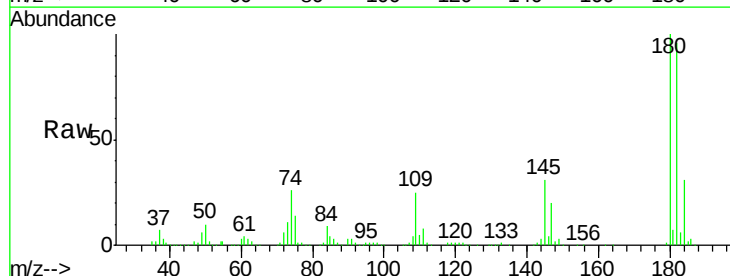
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

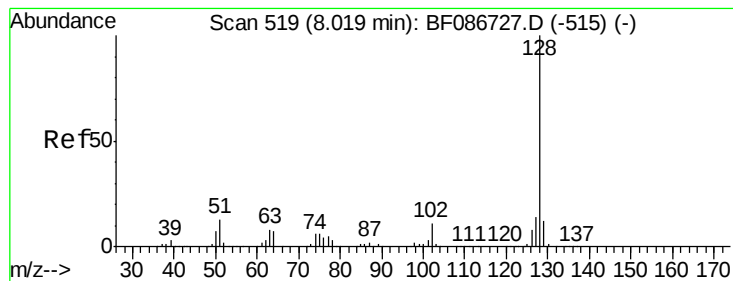
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.2	82.2
98	29.7	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.86 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.0	117.0
145	31.4	24.2	36.2





#31

Naphthalene

Concen: 46.92 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

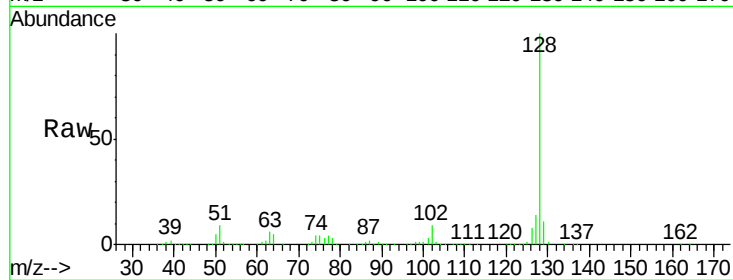
Tgt Ion:128 Resp: 1713527

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

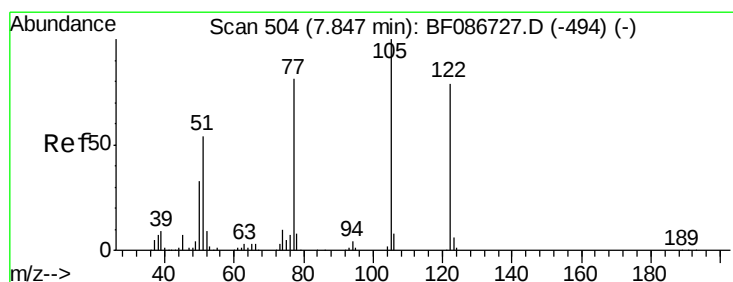
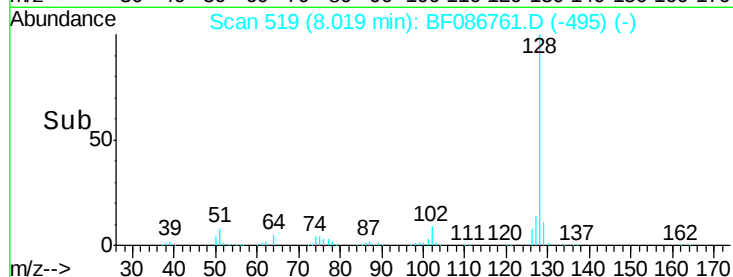
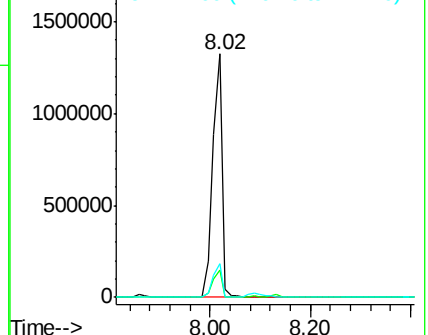
127 13.7 10.8 16.2



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: 37.06 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

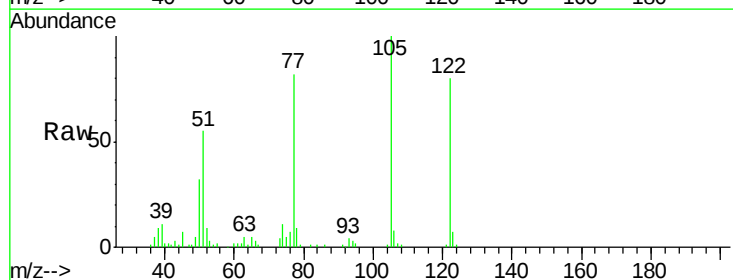
Tgt Ion:122 Resp: 152664

Ion Ratio Lower Upper

122 100

105 125.2 92.6 132.6

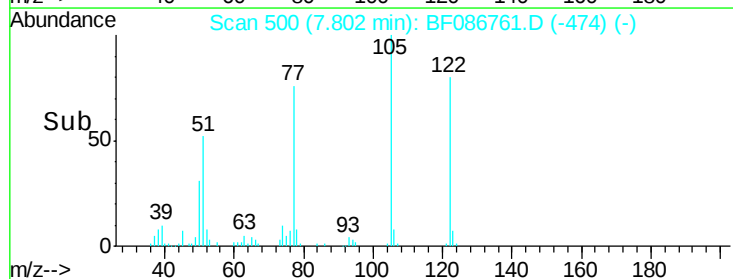
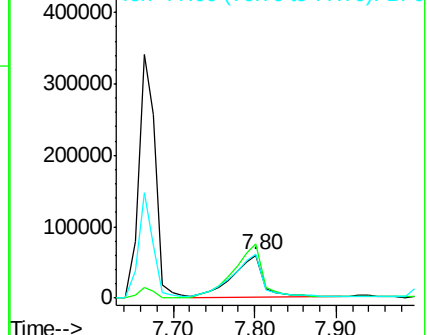
77 103.0 60.0 100.0#

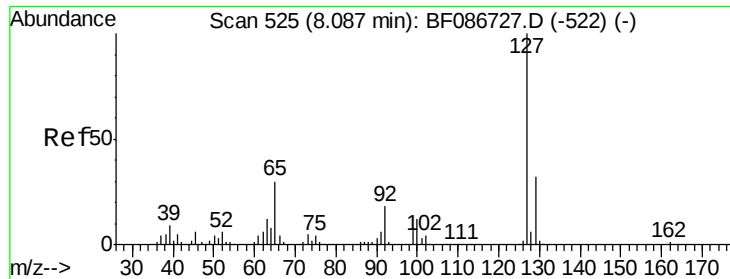


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

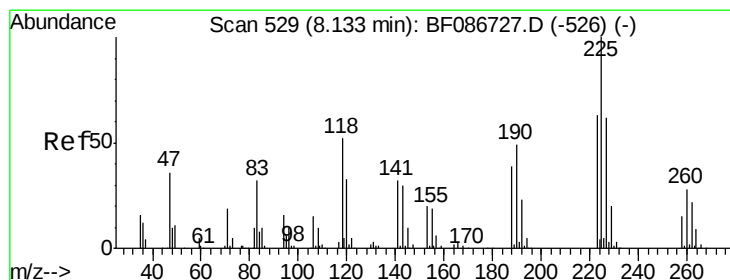
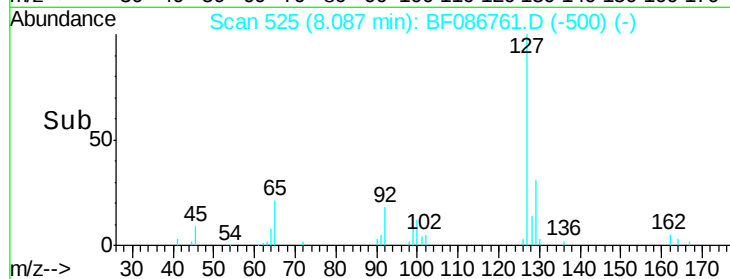
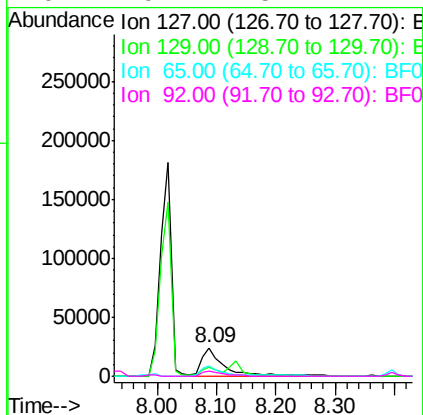
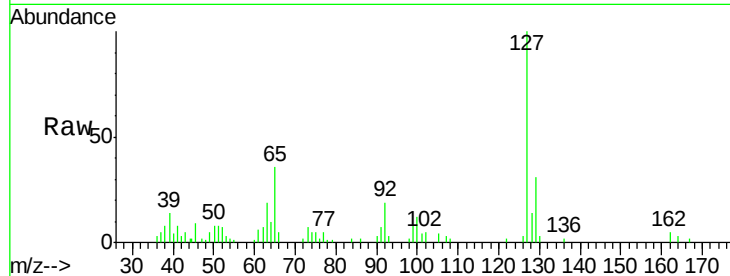




#33
 4-Chloroaniline
 Concen: 4.41 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

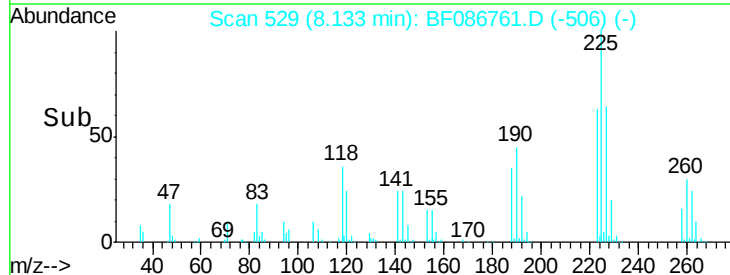
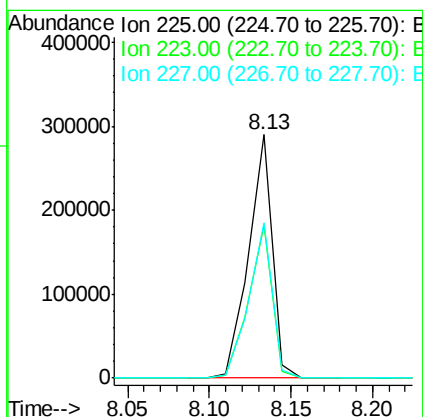
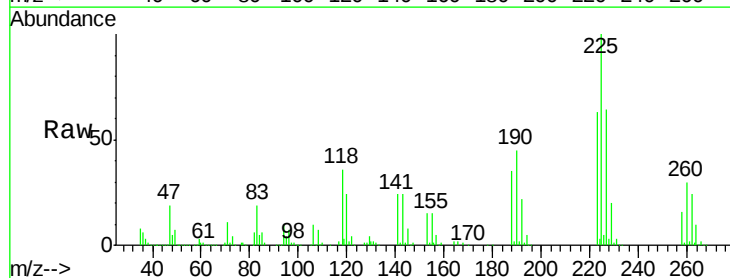
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

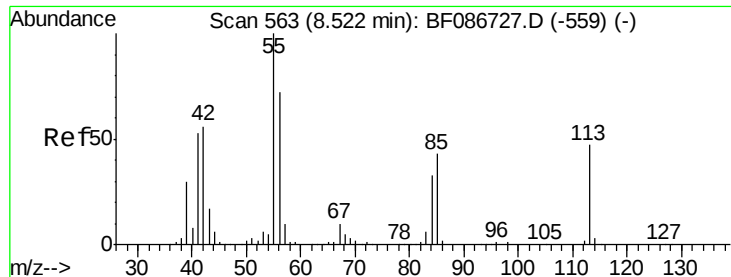
Tgt Ion:	127	Resp:	62361
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	35.7	23.0	34.4#
92	19.1	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 47.35 ng
 RT: 8.13 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:	225	Resp:	290556
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.5	77.3
227	63.7	52.2	78.2

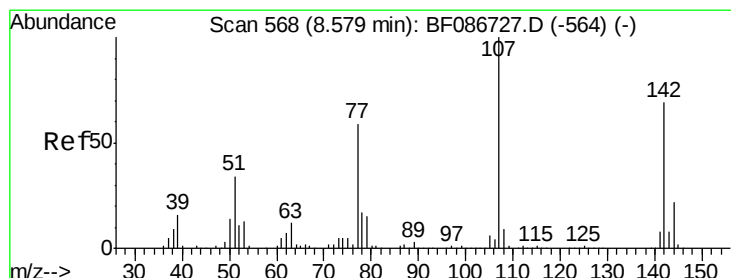
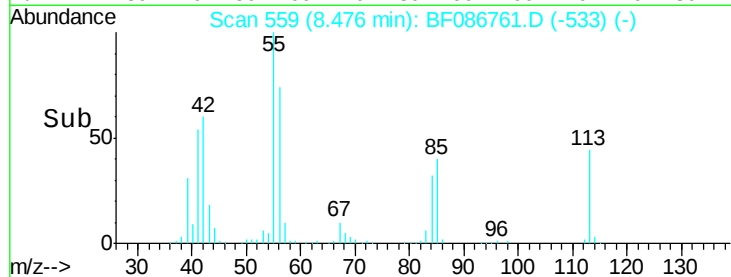
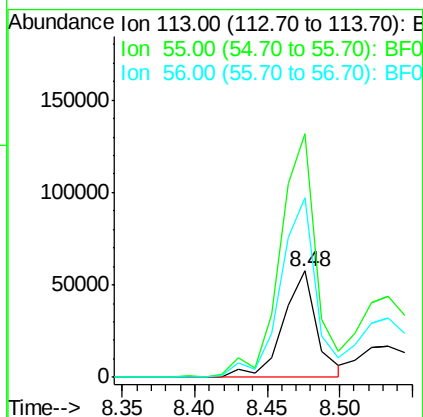
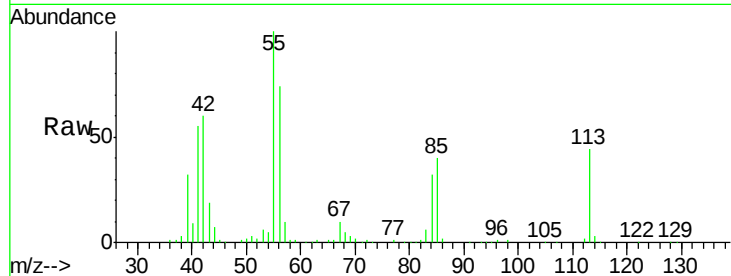




#35
 Caprolactam
 Concen: 30.70 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

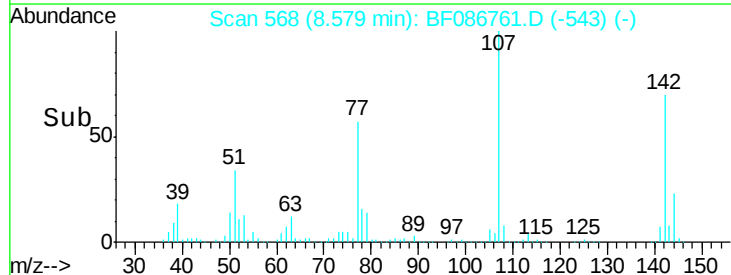
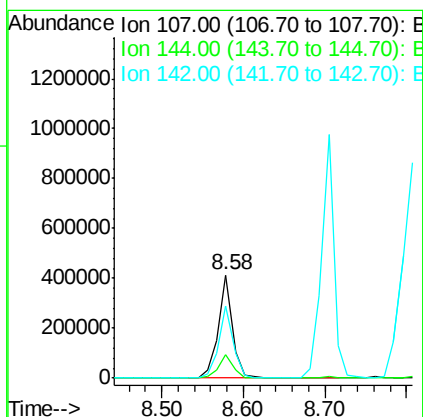
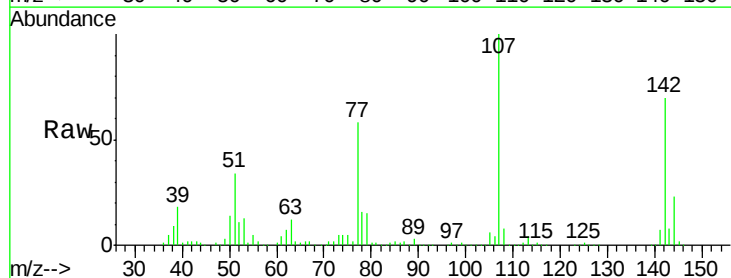
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

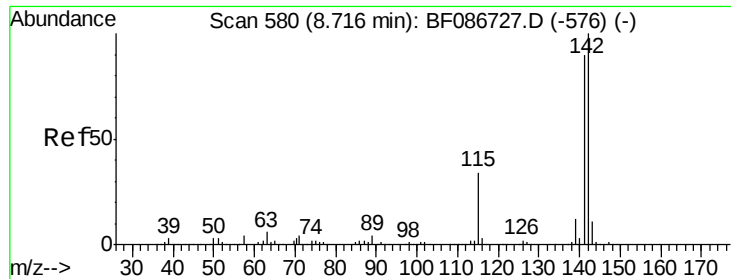
Tgt Ion:113 Resp: 92053
 Ion Ratio Lower Upper
 113 100
 55 228.9 162.0 202.0#
 56 168.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.71 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:107 Resp: 505219
 Ion Ratio Lower Upper
 107 100
 144 22.6 20.7 31.1
 142 69.7 63.2 94.8

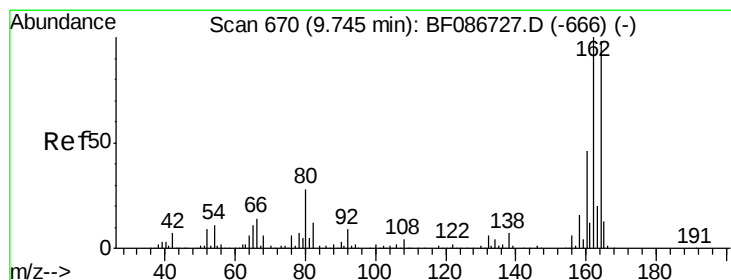
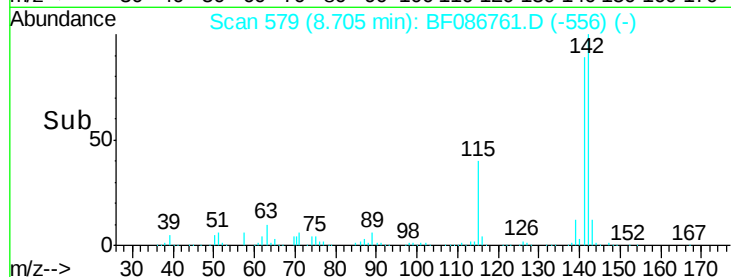
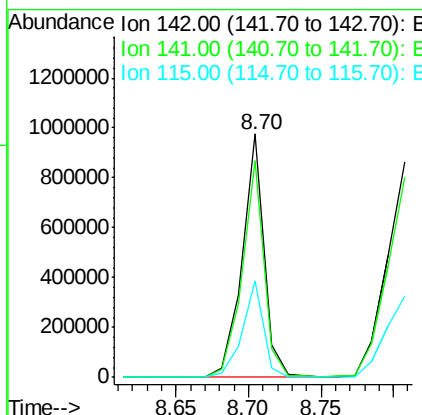
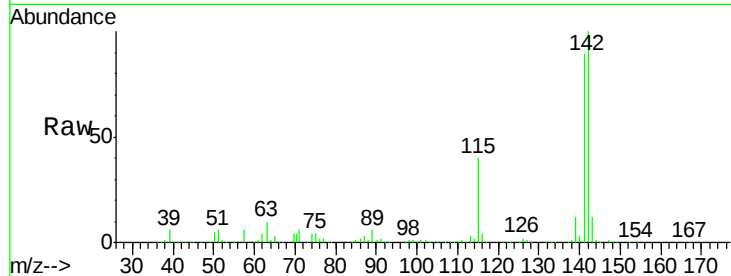




#37
 2-Methylnaphthalene
 Concen: 47.21 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

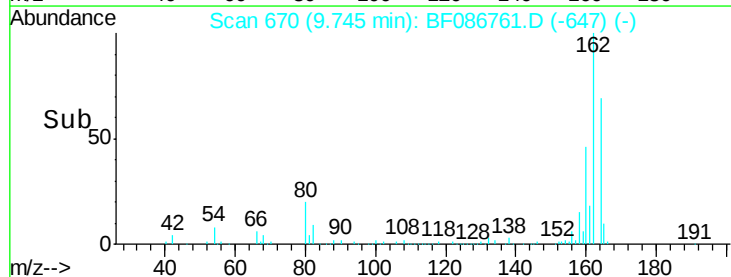
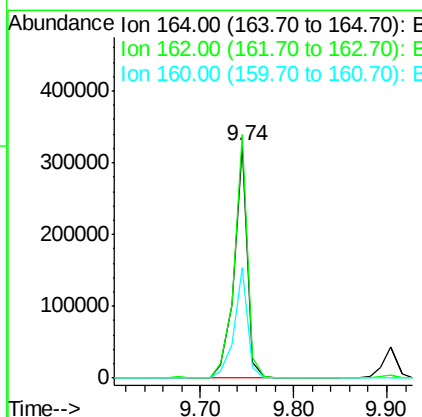
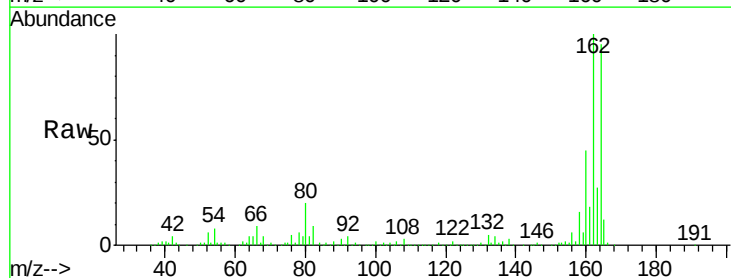
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

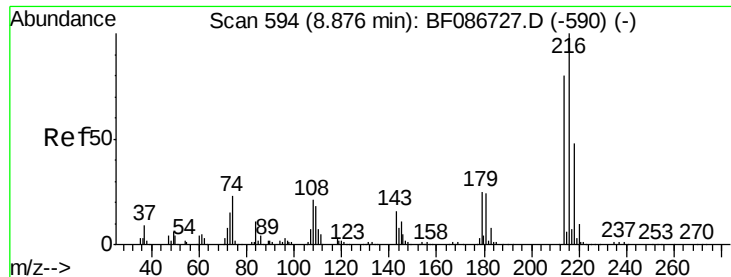
Tgt Ion:142 Resp: 1017207
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 39.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:164 Resp: 322734
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 47.4 36.9 55.3

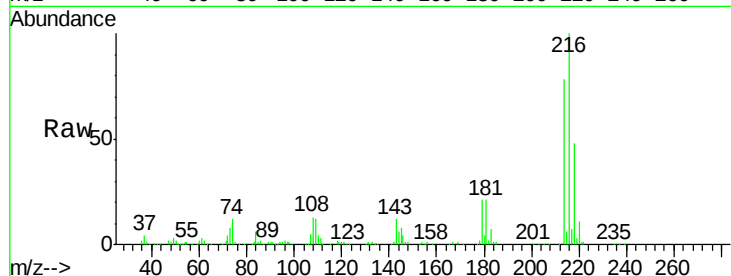




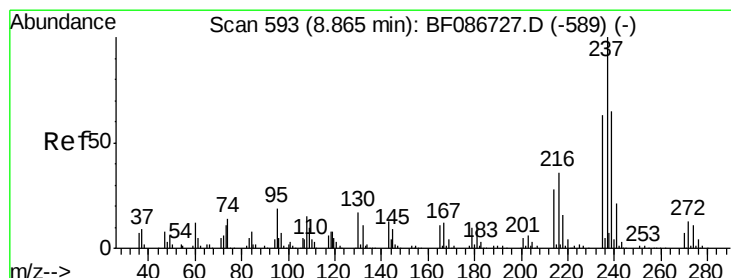
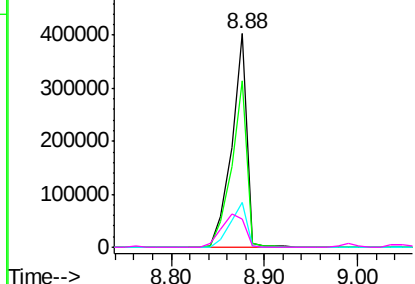
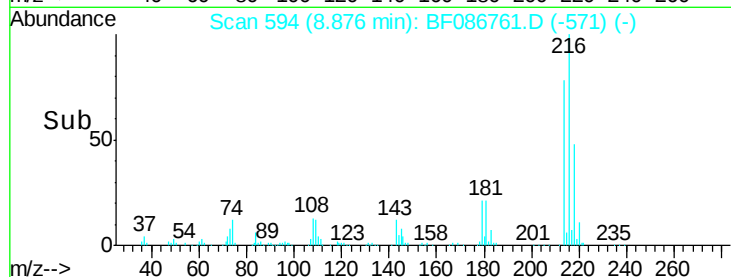
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.08 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion:	216	Resp:	458472
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.6	93.8
179	23.3	18.2	27.4
108	24.7	17.5	26.3

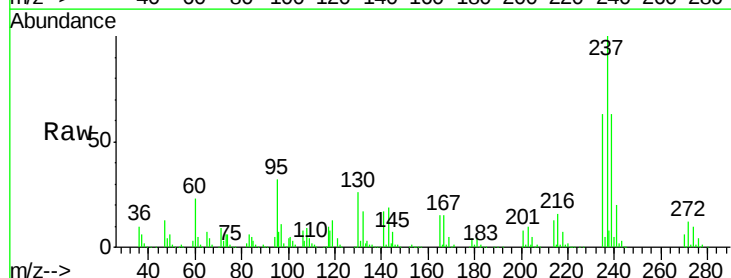


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

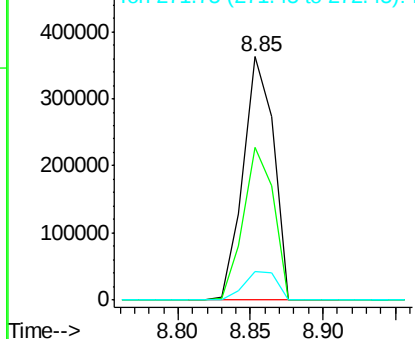
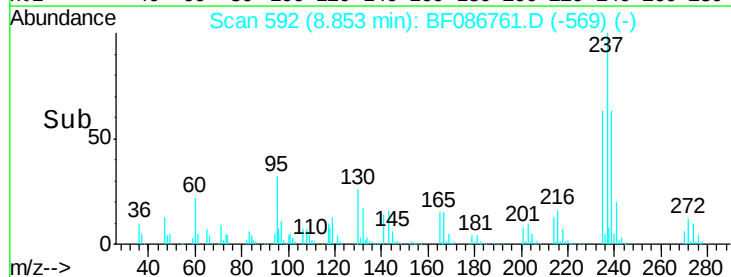


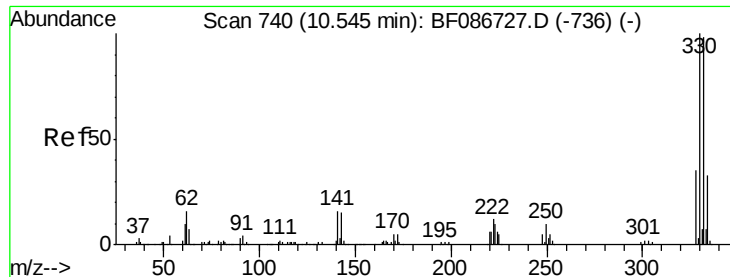
#40
 Hexachlorocyclopentadiene
 Concen: 119.53 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:	237	Resp:	528802
Ion	Ratio	Lower	Upper
237	100		
235	62.6	47.2	87.2
272	11.6	0.0	31.1



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

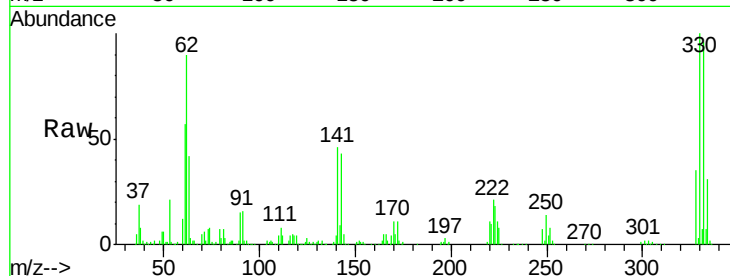




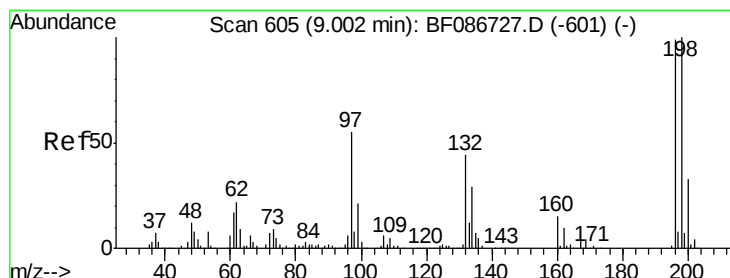
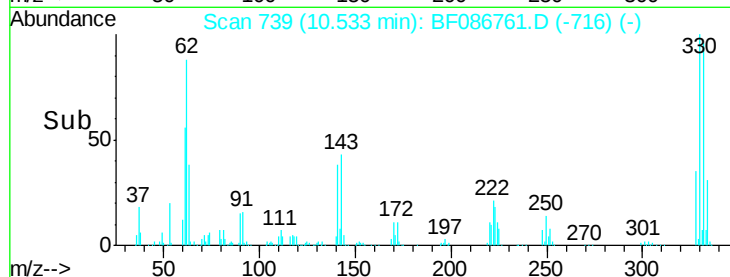
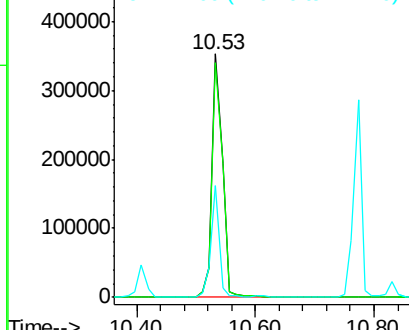
#41
 2,4,6-Tribromophenol
 Concen: 135.24 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion:330 Resp: 426952
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 36.5 31.2 46.8

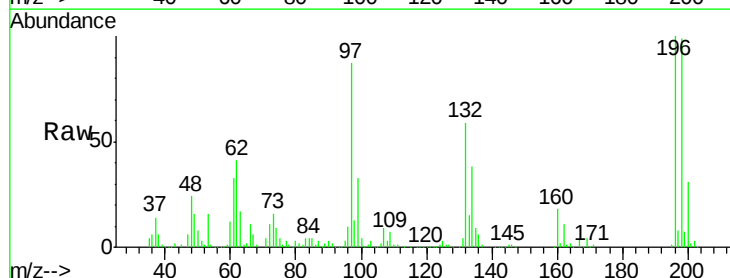


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

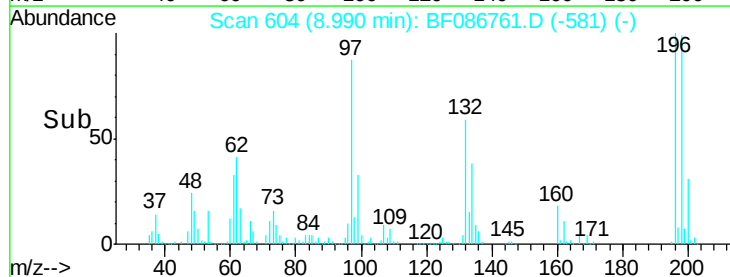
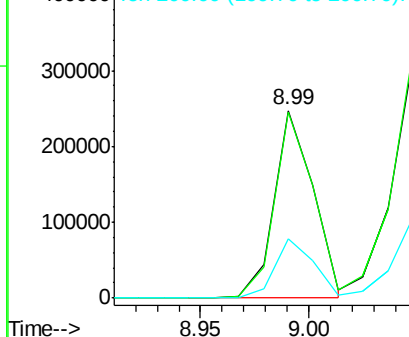


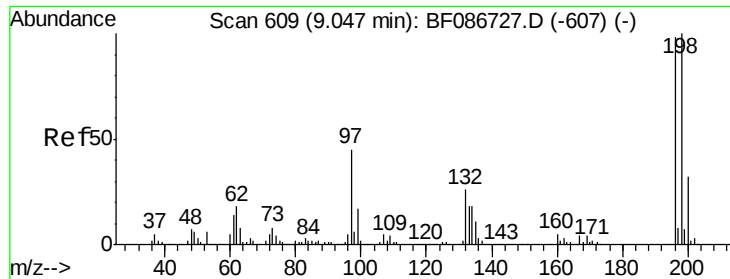
#42
 2,4,6-Trichlorophenol
 Concen: 52.19 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:196 Resp: 310049
 Ion Ratio Lower Upper
 196 100
 198 98.9 74.7 112.1
 200 31.4 23.8 35.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

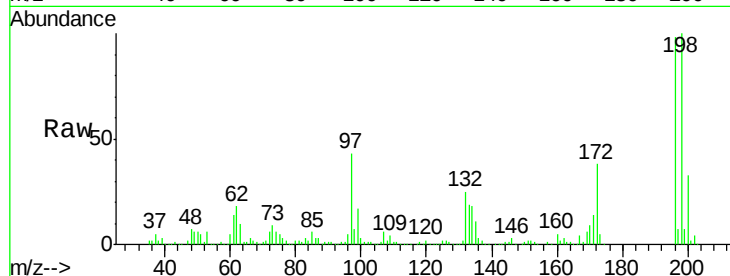




#43
 2,4,5-Trichlorophenol
 Concen: 53.70 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.6	77.5	116.3
97	44.3	34.8	52.2
132	26.0	23.0	34.4



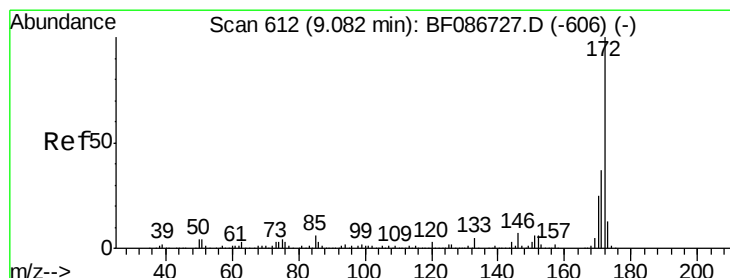
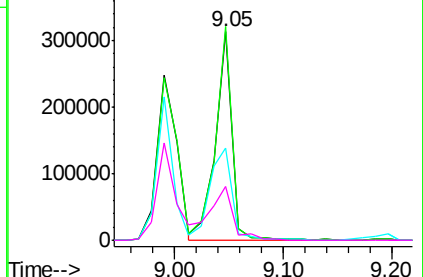
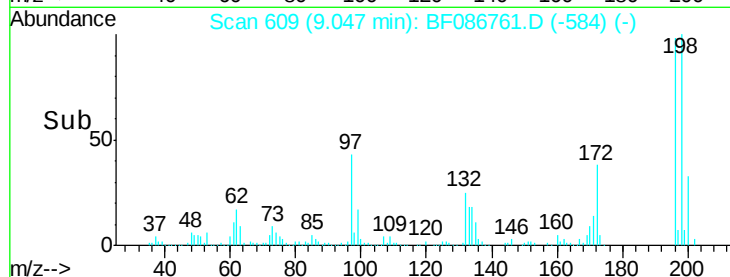
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

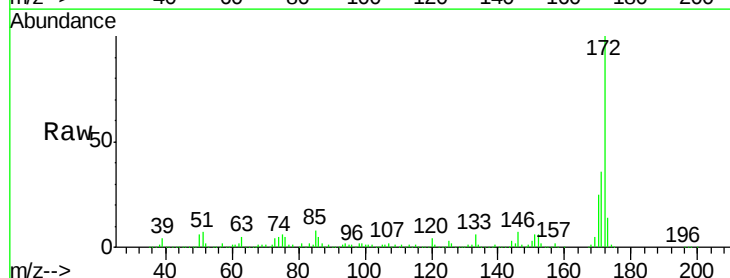
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.04 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.8	19.8	29.8

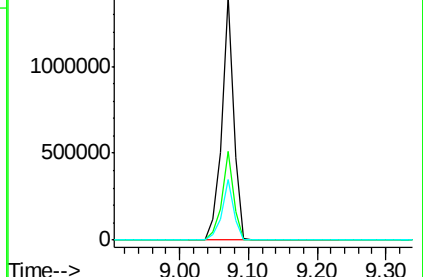
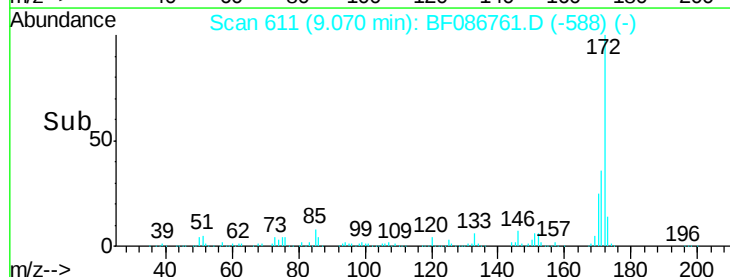


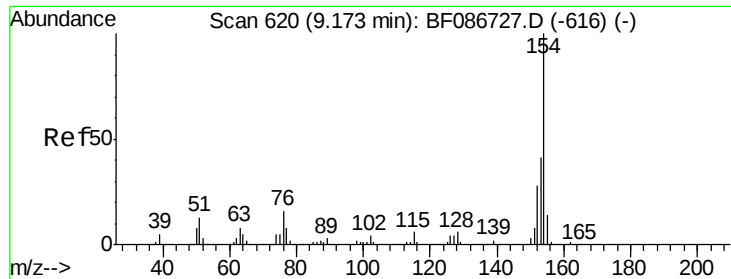
Abundance

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

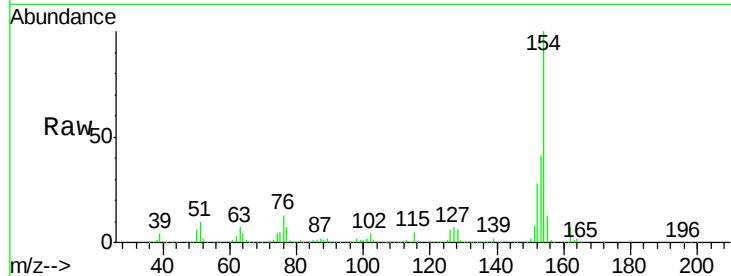




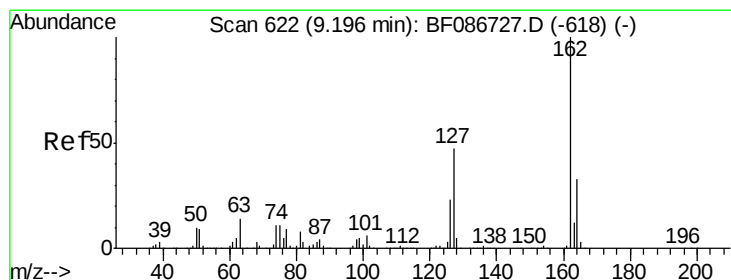
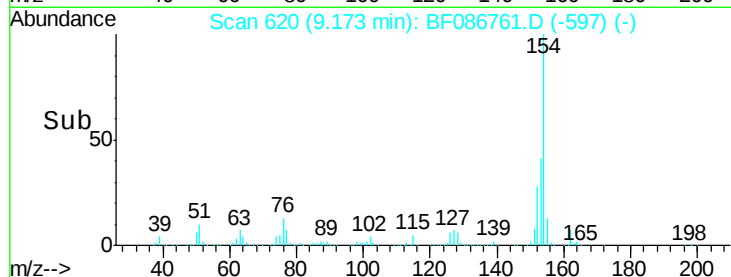
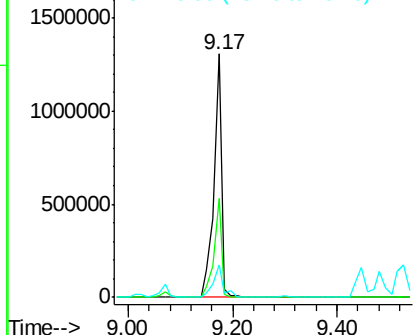
#45
 1,1'-Biphenyl
 Concen: 50.80 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion:154 Resp: 1340460
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.3 60.3
 76 13.2 0.0 30.2

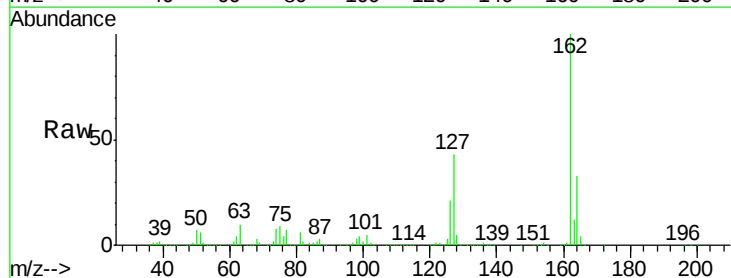


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

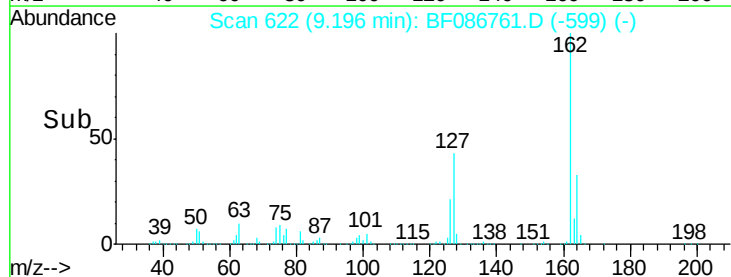
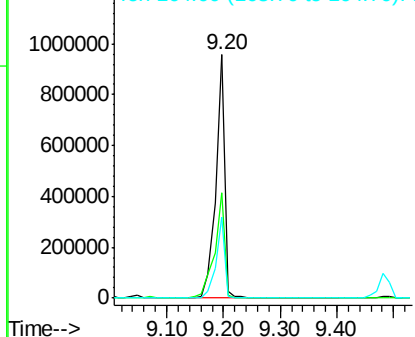


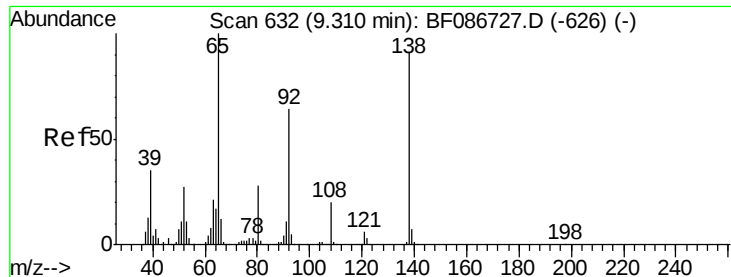
#46
 2-Chloronaphthalene
 Concen: 49.78 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:162 Resp: 1013642
 Ion Ratio Lower Upper
 162 100
 127 43.4 31.8 47.6
 164 33.4 27.0 40.6



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

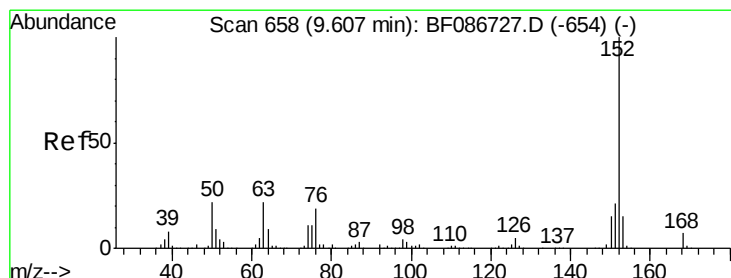
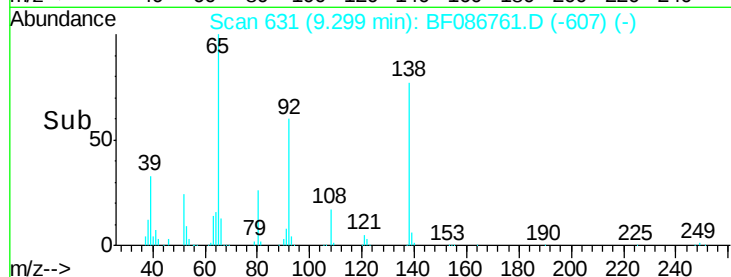
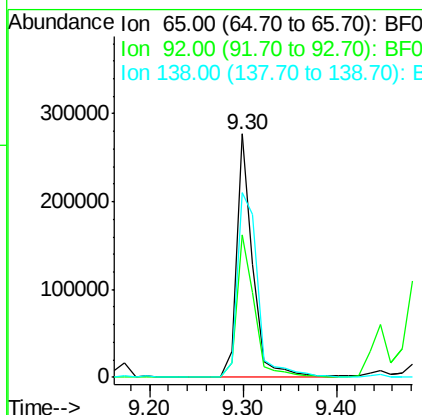
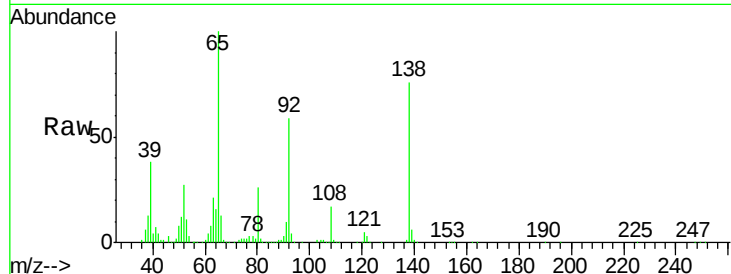




#47
2-Nitroaniline
Concen: 46.28 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

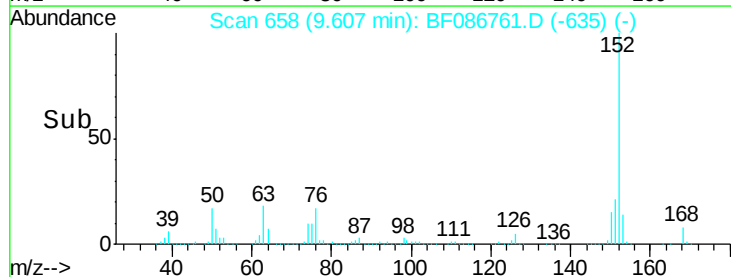
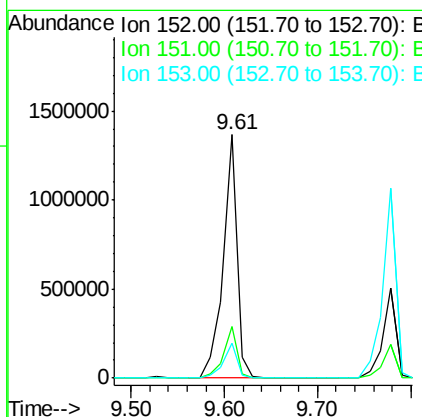
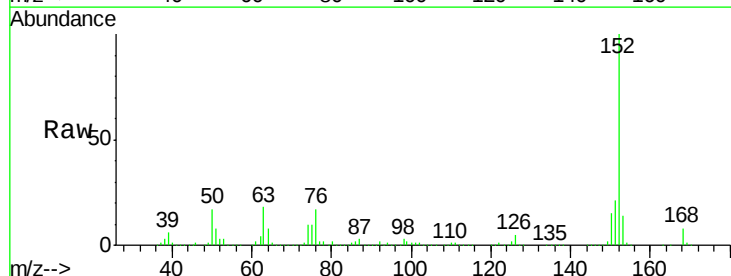
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

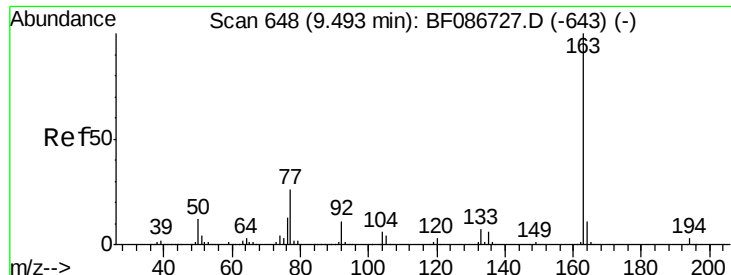
Tgt Ion: 65 Resp: 334979
Ion Ratio Lower Upper
65 100
92 58.7 57.4 86.2
138 76.0 90.1 135.1#



#48
Acenaphthylene
Concen: 46.47 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.03 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion: 152 Resp: 1404595
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.3 10.9 16.3

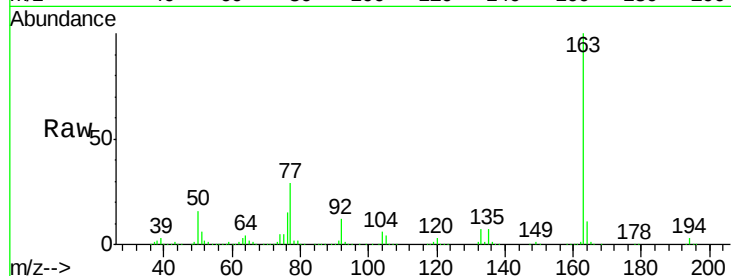




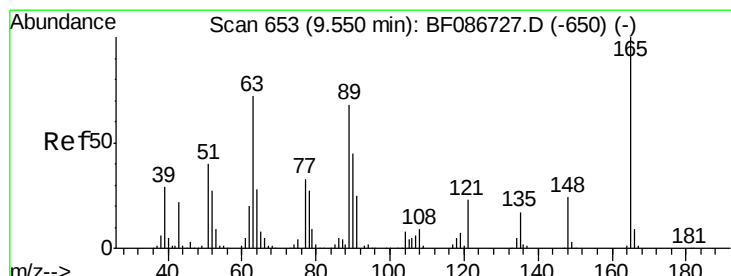
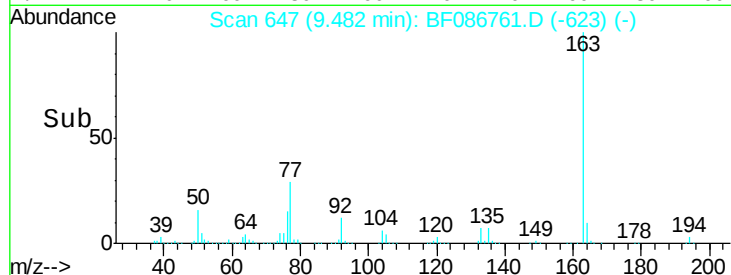
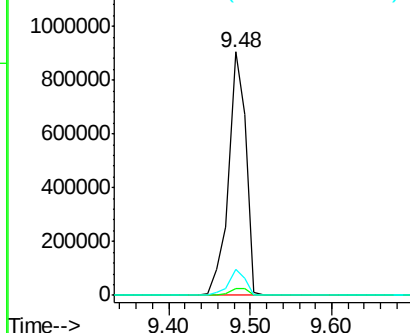
#49
Dimethylphthalate
Concen: 55.83 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

Tgt Ion:163 Resp: 1343158
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.7 8.2 12.4

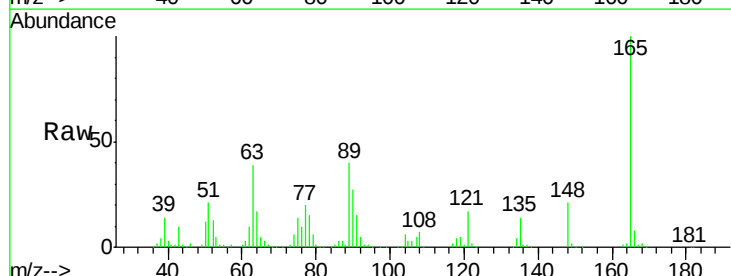


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

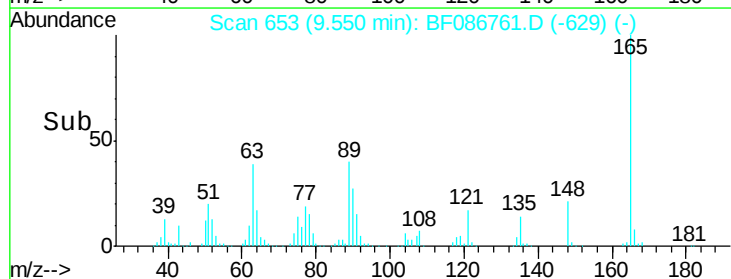
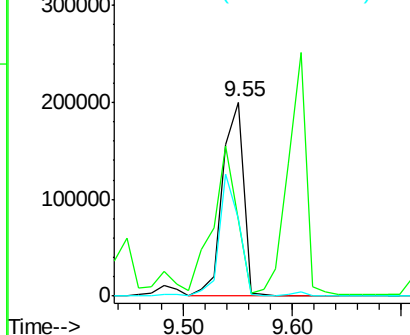


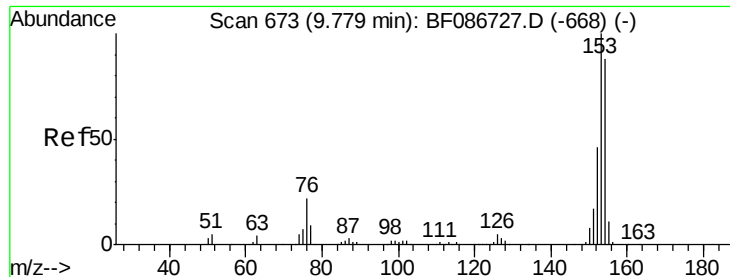
#50
2,6-Dinitrotoluene
Concen: 51.83 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion:165 Resp: 267610
Ion Ratio Lower Upper
165 100
63 38.9 51.8 77.8#
89 40.0 50.7 76.1#



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





#51

Acenaphthene

Concen: 46.81 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

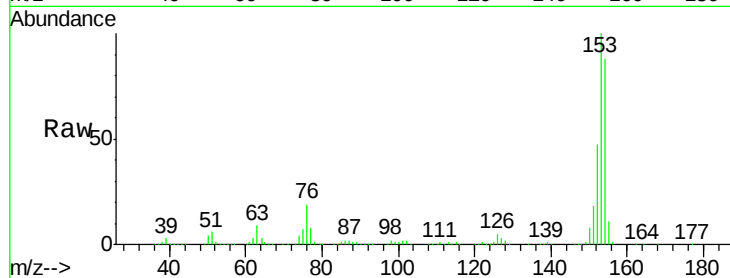
Tgt Ion:154 Resp: 933404

Ion Ratio Lower Upper

154 100

153 113.5 89.8 134.6

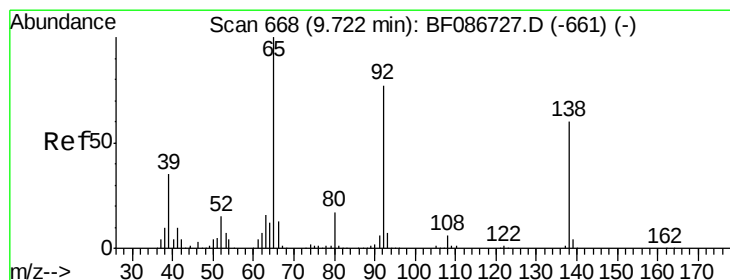
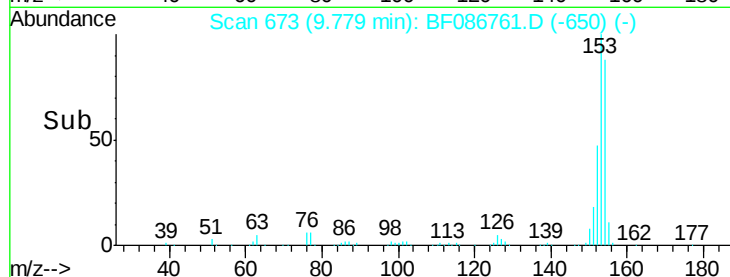
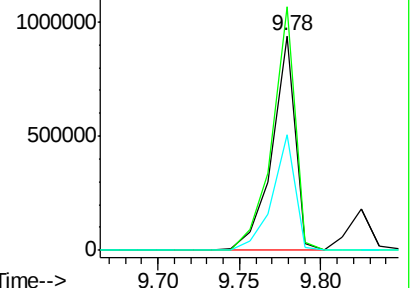
152 53.6 43.4 65.0



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: 16.16 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

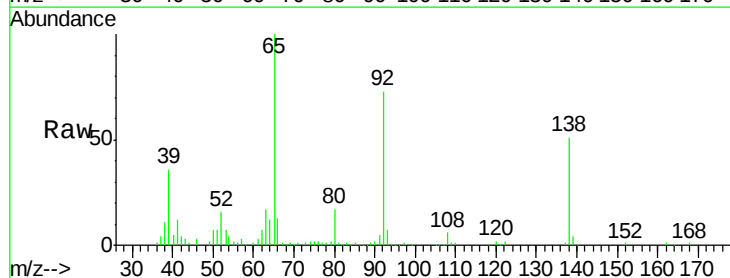
Tgt Ion:138 Resp: 94859

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.6#

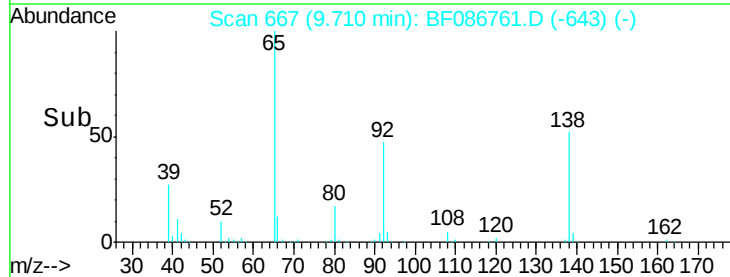
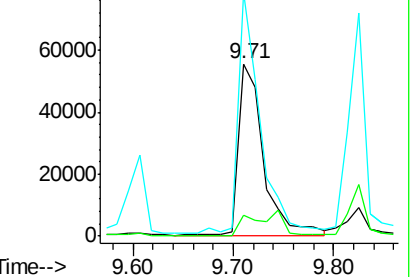
92 141.5 87.8 131.8#

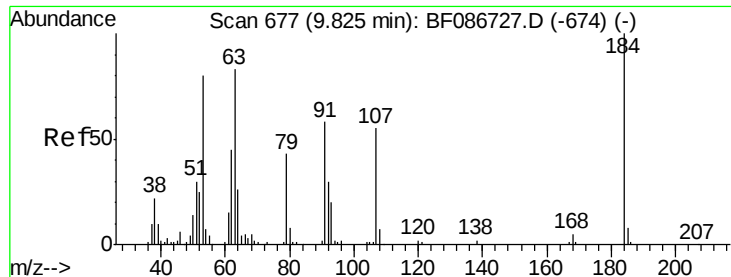


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

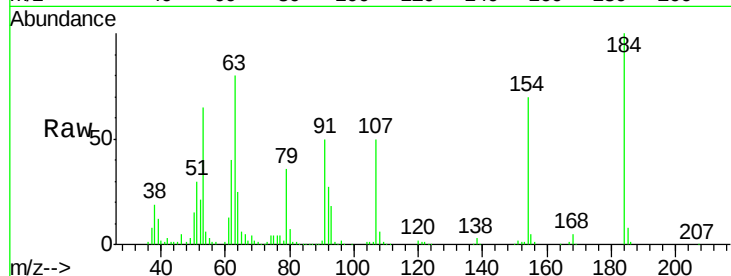




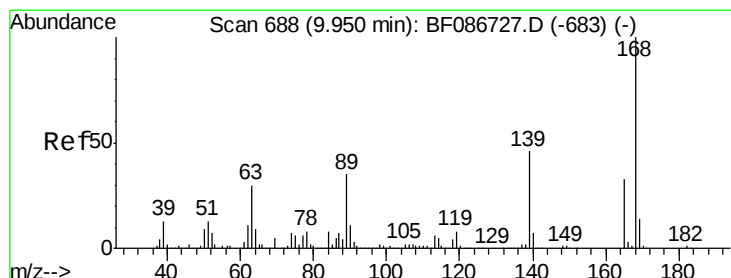
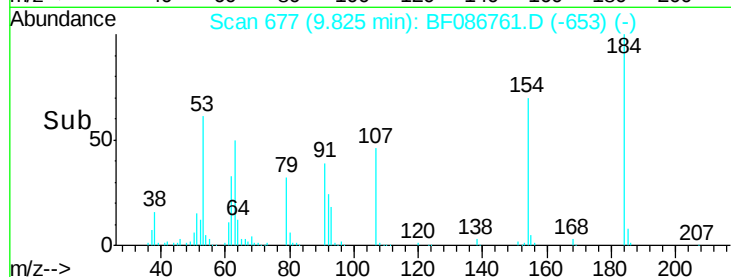
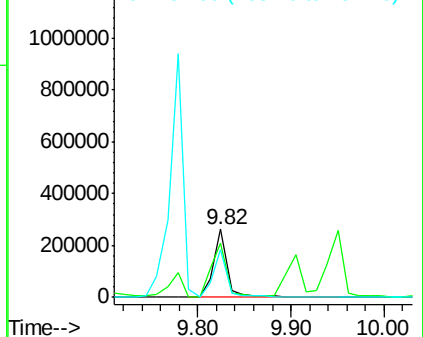
#53
2,4-Dinitrophenol
Concen: 106.73 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

Tgt Ion:184 Resp: 275066
Ion Ratio Lower Upper
184 100
63 79.5 55.8 83.8
154 69.8 62.4 93.6

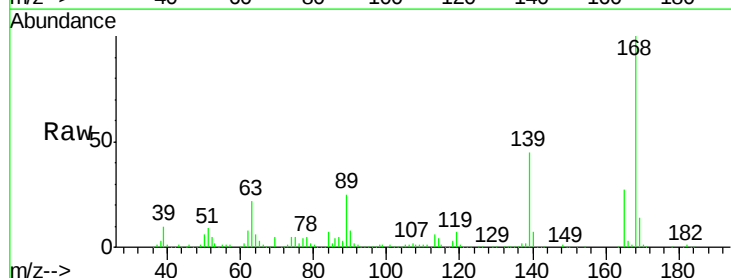


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

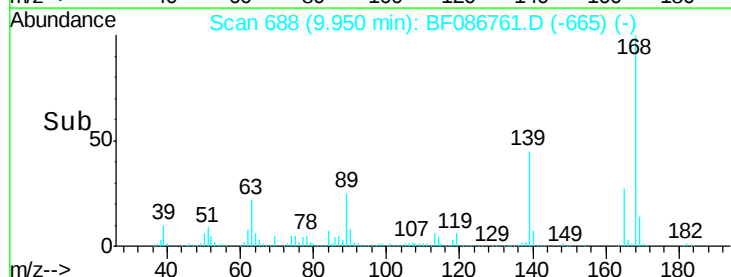
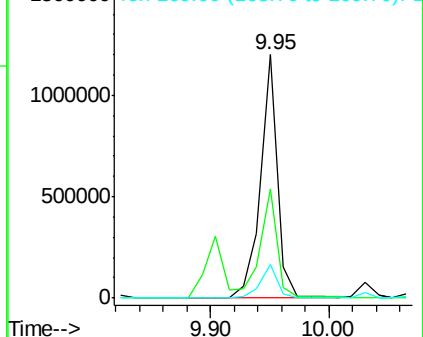


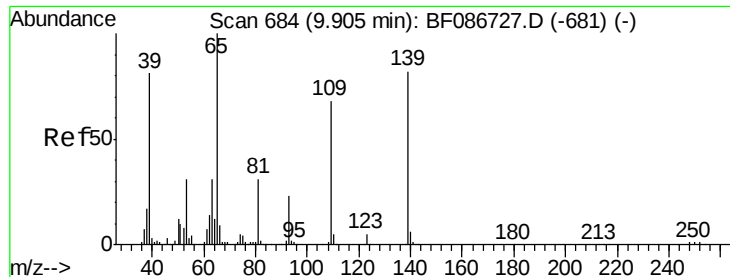
#54
Dibenzofuran
Concen: 48.72 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion:168 Resp: 1204044
Ion Ratio Lower Upper
168 100
139 44.8 31.4 47.0
169 13.9 10.7 16.1



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: 92.26 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

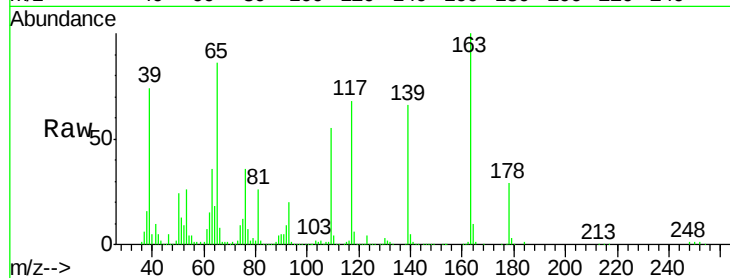
Tgt Ion:139 Resp: 315725

Ion Ratio Lower Upper

139 100

109 83.5 36.9 76.9#

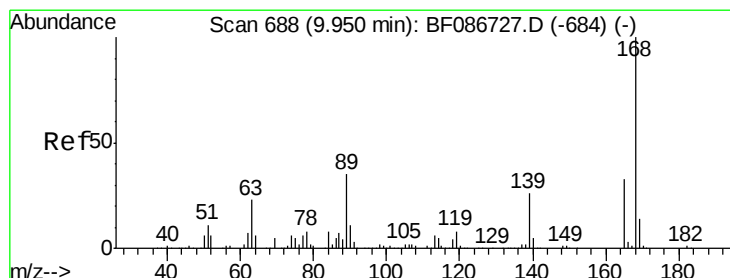
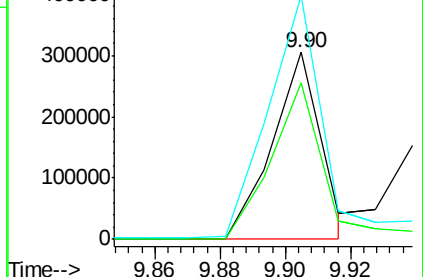
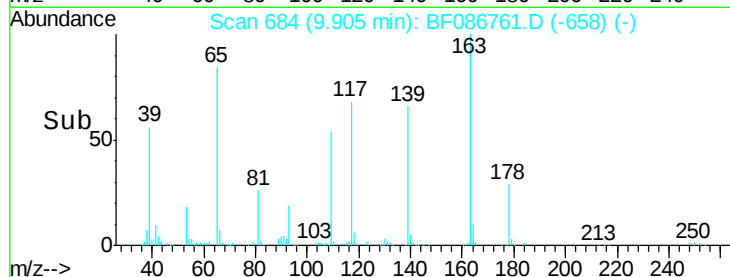
65 130.1 64.0 104.0#



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: 50.61 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Tgt Ion:165 Resp: 323840

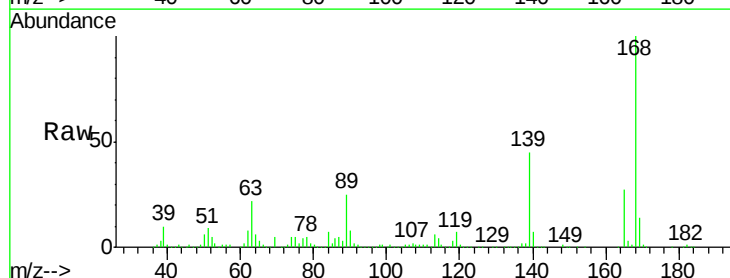
Ion Ratio Lower Upper

165 100

63 79.5 44.3 66.5#

89 91.8 70.0 105.0

182 2.5 1.8 2.6

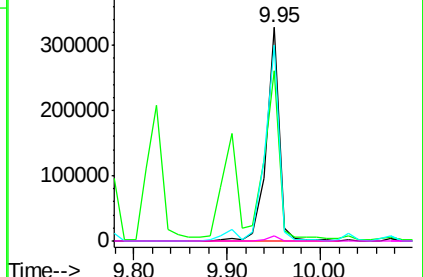
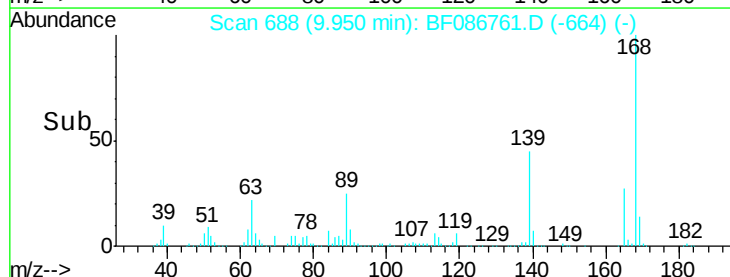


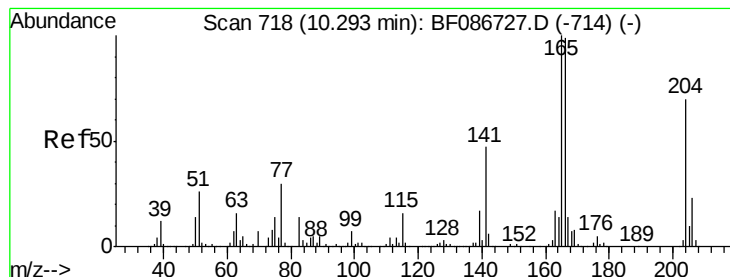
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.98 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

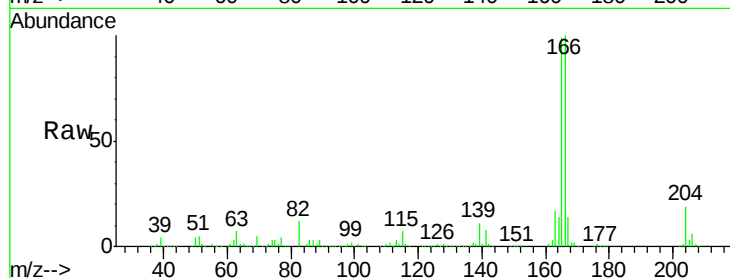
Tgt Ion:166 Resp: 1021042

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

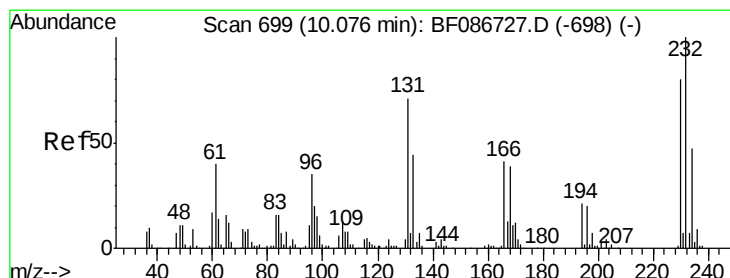
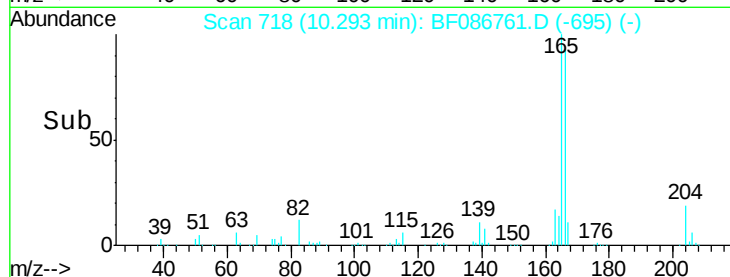
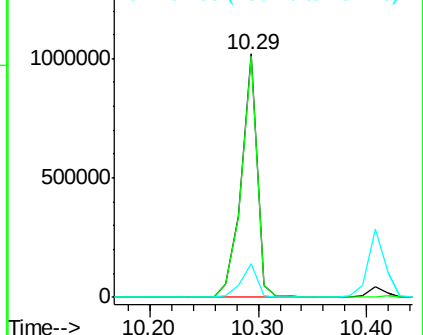
167 13.7 10.6 15.8



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: 57.71 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Tgt Ion:232 Resp: 263023

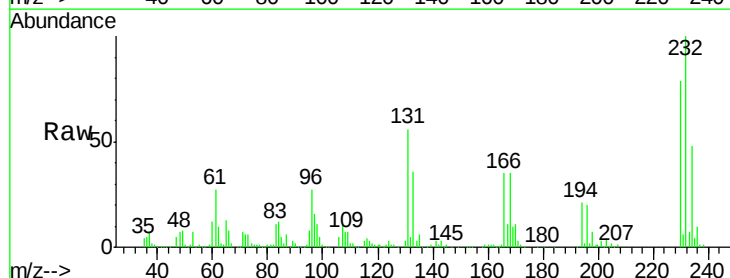
Ion Ratio Lower Upper

232 100

131 58.4 41.9 62.9

130 3.0 2.2 3.4

166 34.3 26.8 40.2

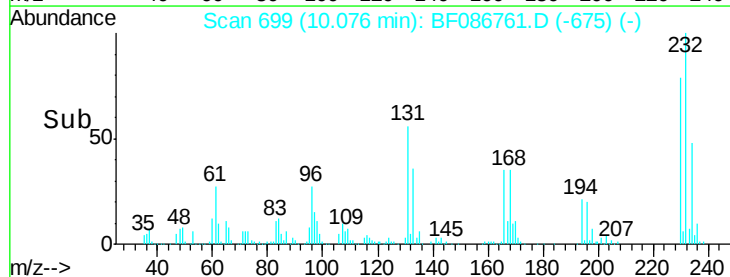
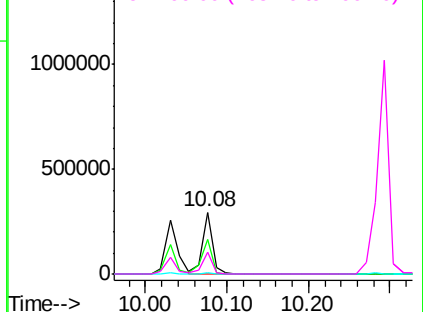


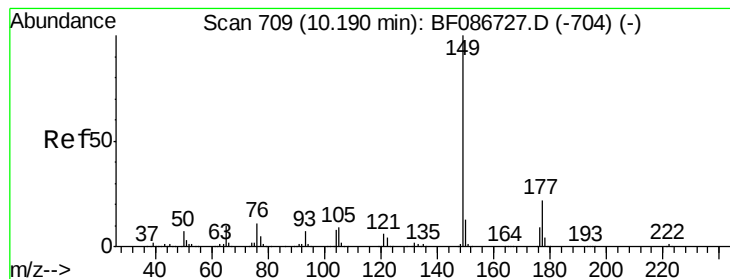
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.95 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

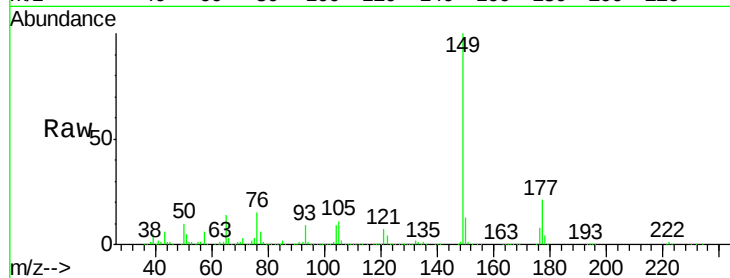
Tgt Ion:149 Resp: 1023609

Ion Ratio Lower Upper

149 100

177 20.9 16.6 24.8

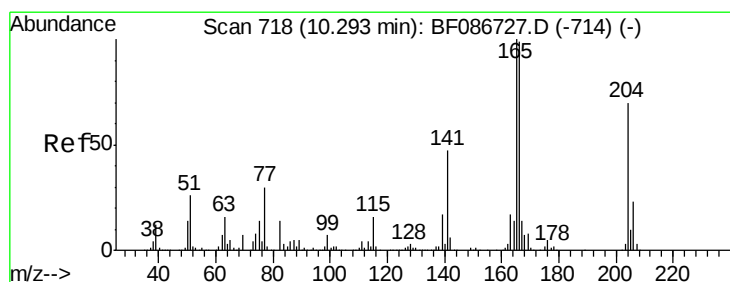
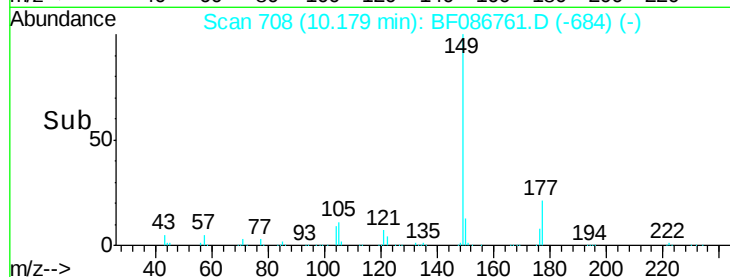
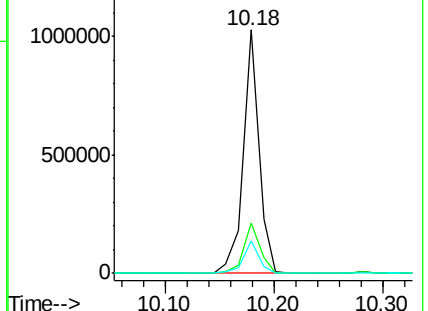
150 13.2 10.0 15.0



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: 44.86 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

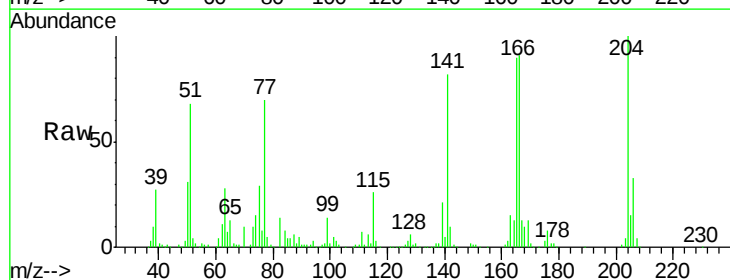
Tgt Ion:204 Resp: 427117

Ion Ratio Lower Upper

204 100

206 33.0 25.4 38.0

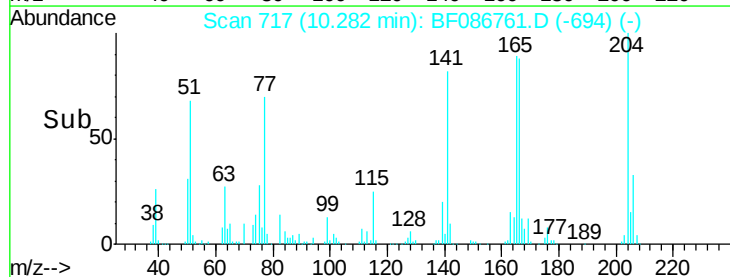
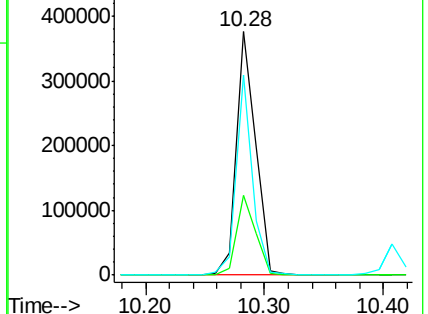
141 82.0 61.6 92.4

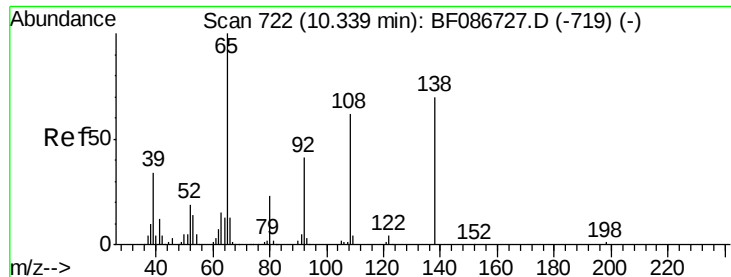


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

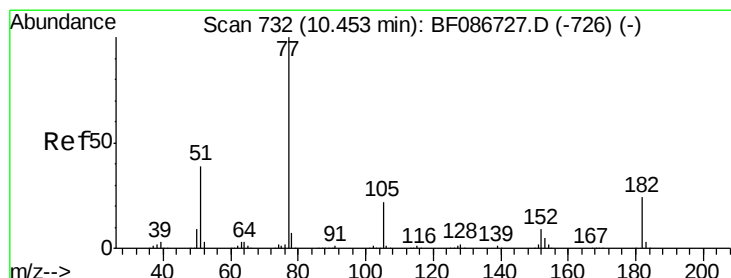
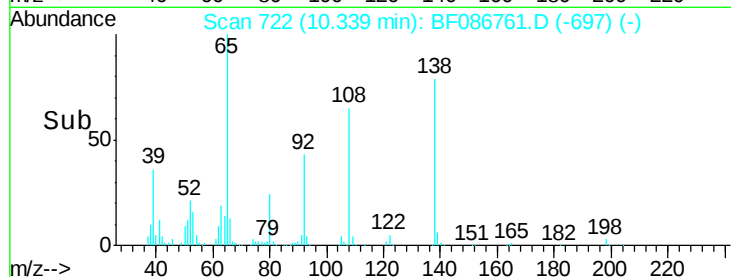
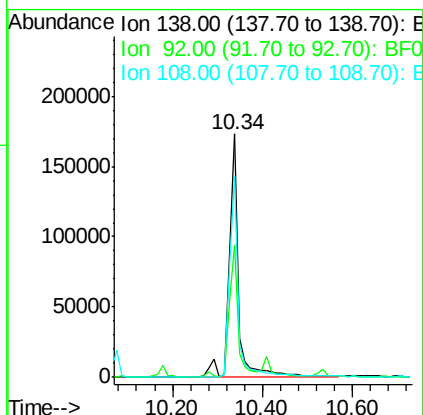
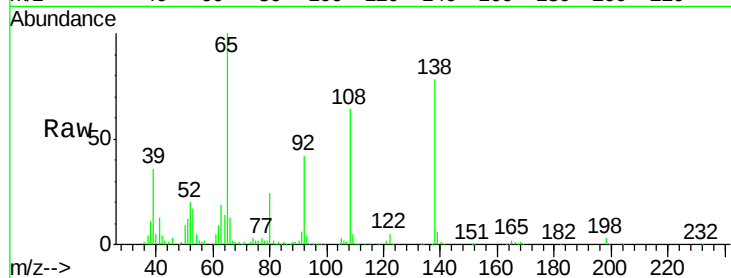




#61
4-Nitroaniline
Concen: 45.23 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

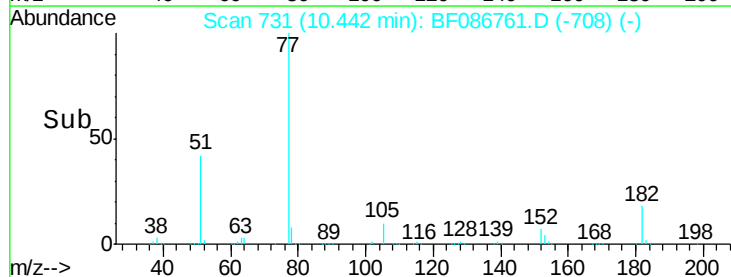
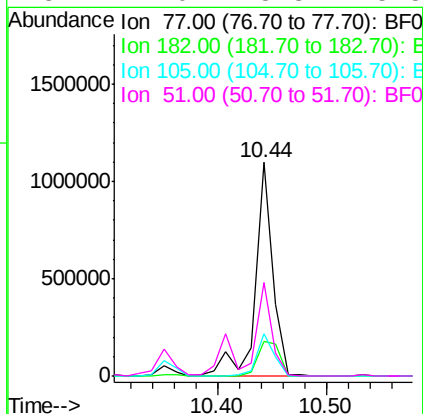
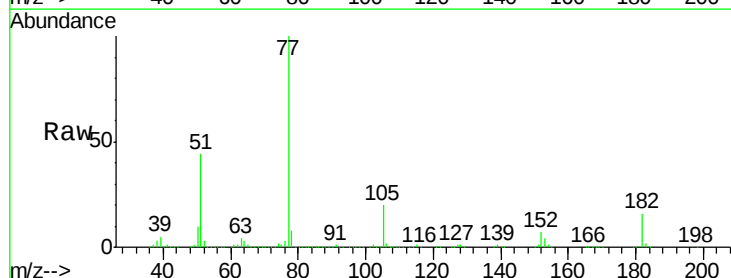
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

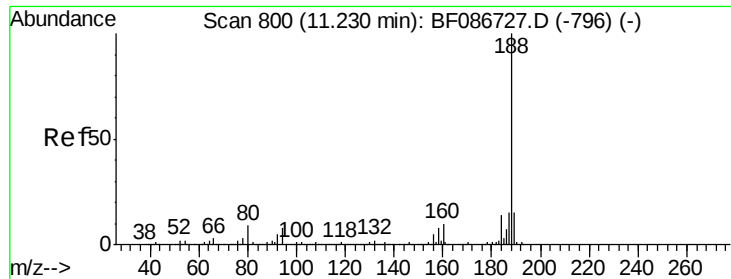
Tgt Ion: 138 Resp: 255065
Ion Ratio Lower Upper
138 100
92 54.4 24.7 64.7
108 82.6 37.4 77.4#



#62
Azobenzene
Concen: 49.03 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion: 77 Resp: 1237358
Ion Ratio Lower Upper
77 100
182 16.5 0.0 38.8
105 19.7 3.2 43.2
51 44.0 8.8 48.8

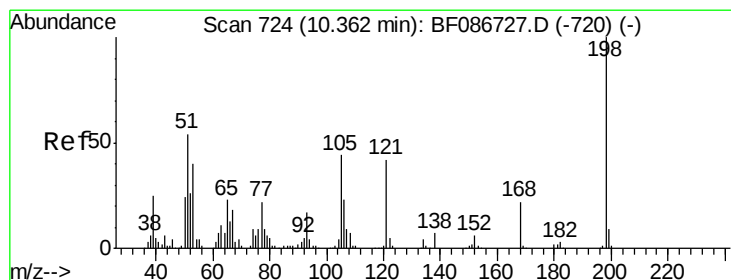
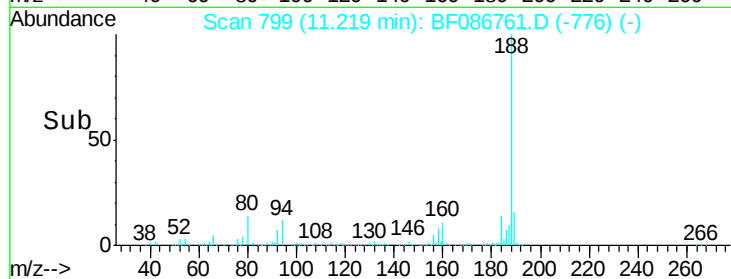
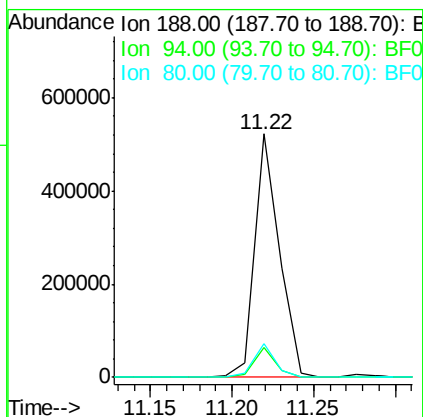
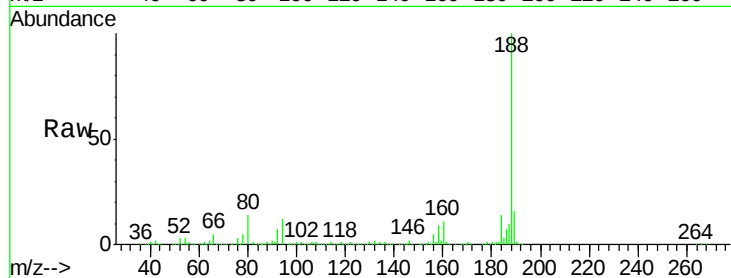




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

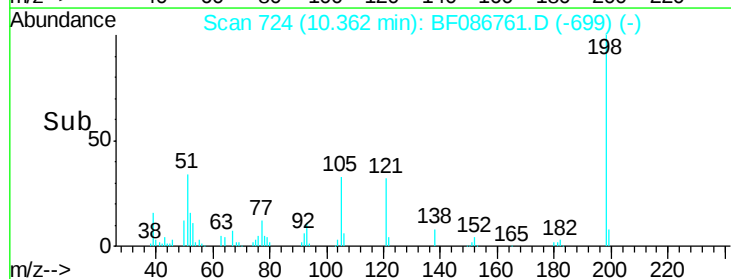
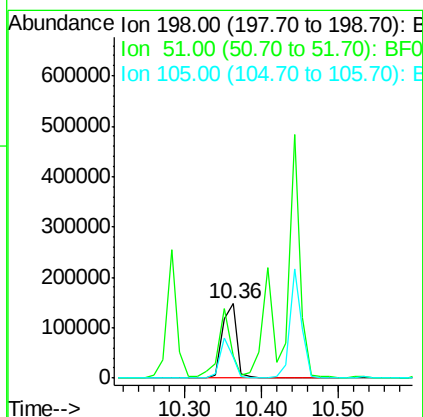
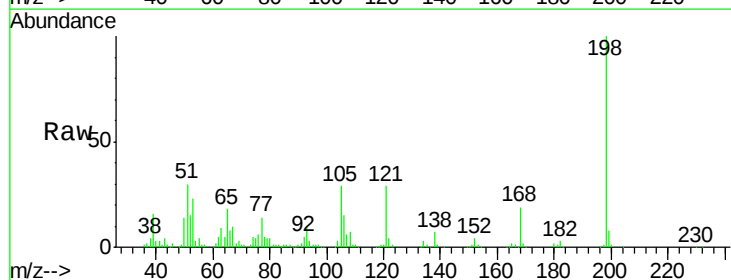
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MSD

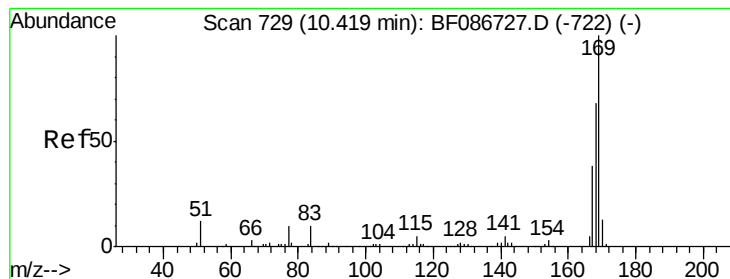
Tgt Ion:188 Resp: 551692
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 13.8 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 64.06 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF086761.D
Acq: 7 May 2016 9:00

Tgt Ion:198 Resp: 199346
Ion Ratio Lower Upper
198 100
51 30.3 20.5 60.5
105 28.8 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 47.57 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

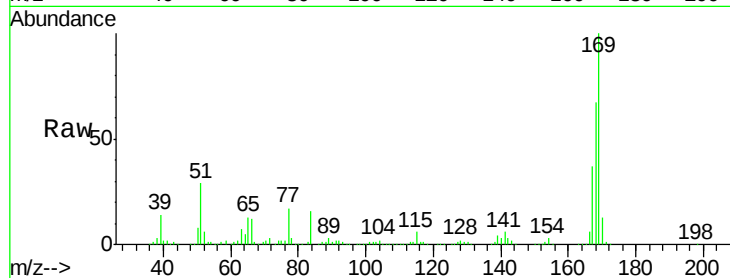
Tgt Ion:169 Resp: 833338

Ion Ratio Lower Upper

169 100

168 67.2 53.8 80.6

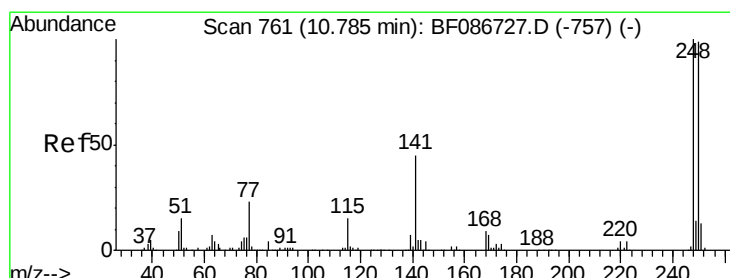
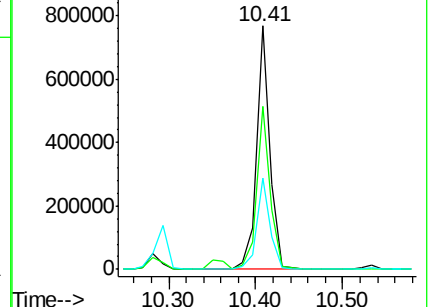
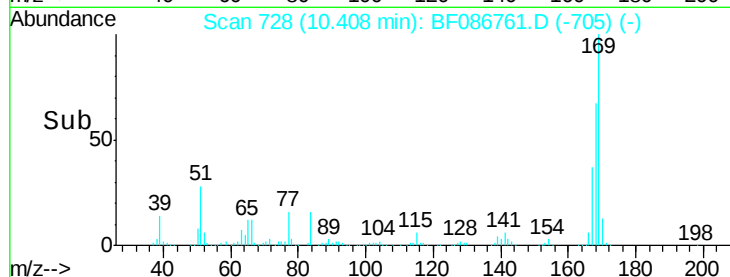
167 37.3 29.5 44.3



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: 51.46 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

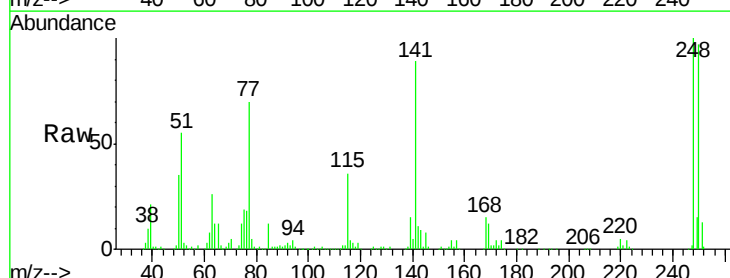
Tgt Ion:248 Resp: 282146

Ion Ratio Lower Upper

248 100

250 96.5 78.6 117.8

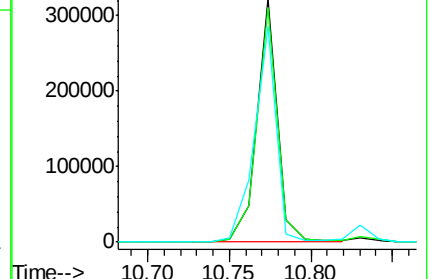
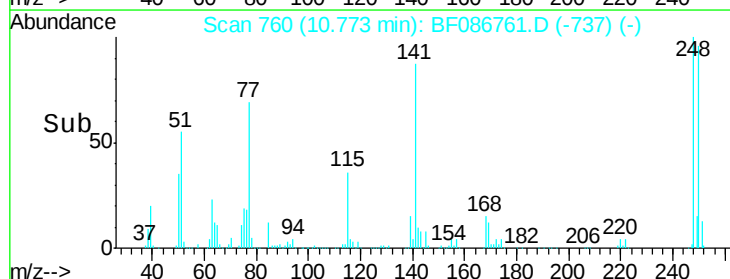
141 88.7 76.0 114.0

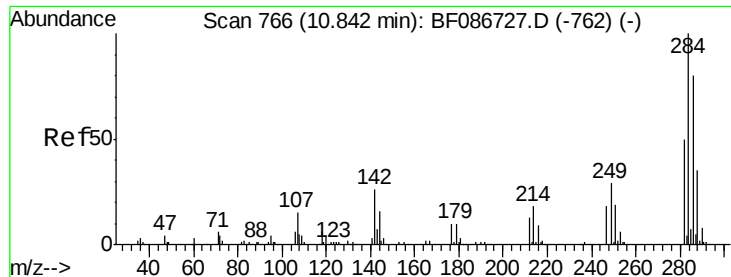


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.73 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

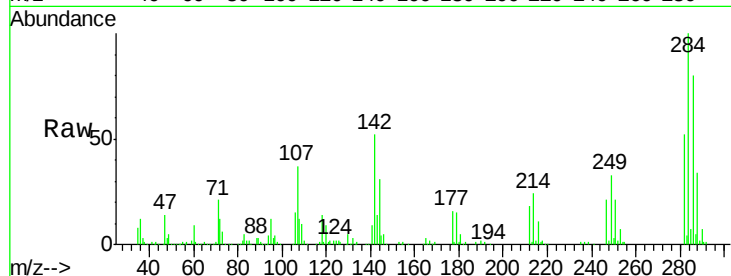
Tgt Ion:284 Resp: 312428

Ion Ratio Lower Upper

284 100

142 52.1 16.7 25.1#

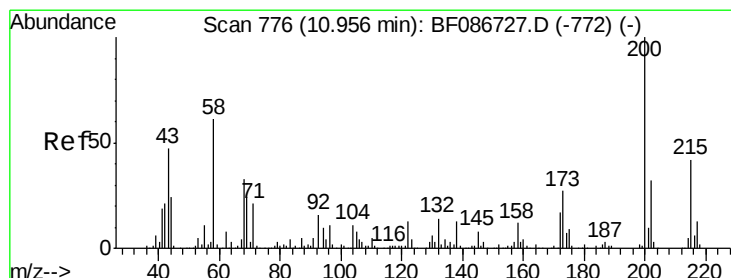
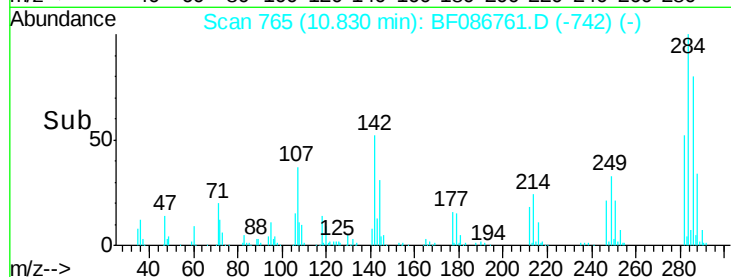
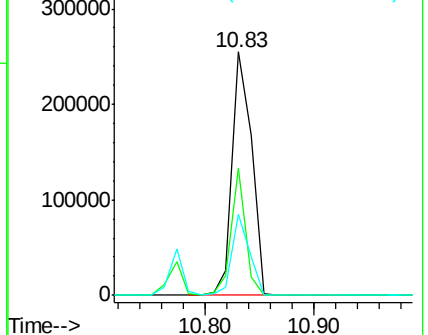
249 33.2 21.3 31.9#



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: 49.90 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

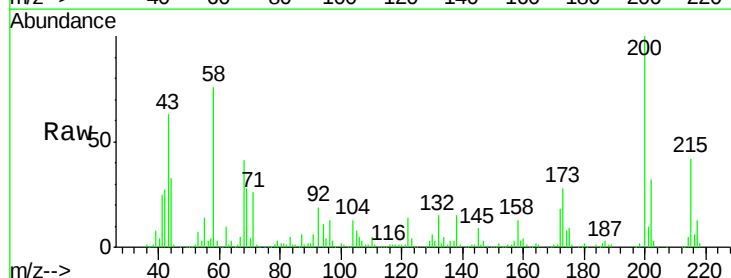
Tgt Ion:200 Resp: 267901

Ion Ratio Lower Upper

200 100

173 28.3 8.5 48.5

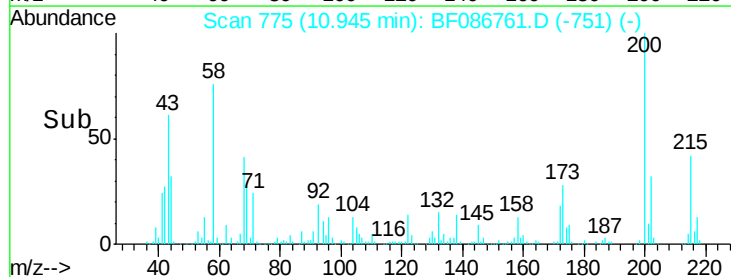
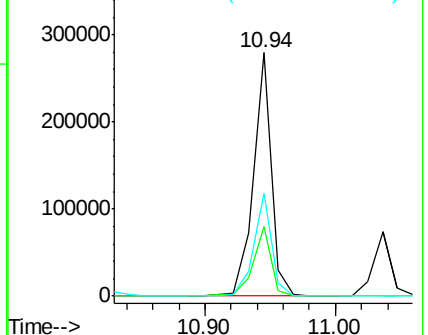
215 42.0 27.2 67.2

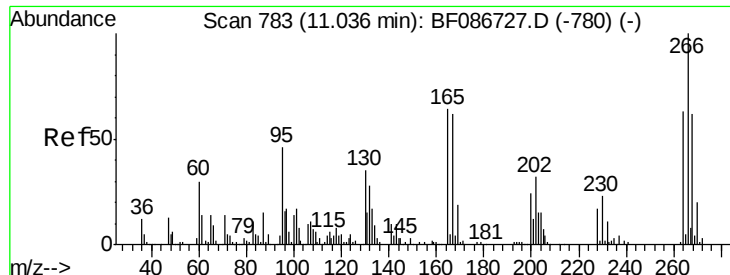


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

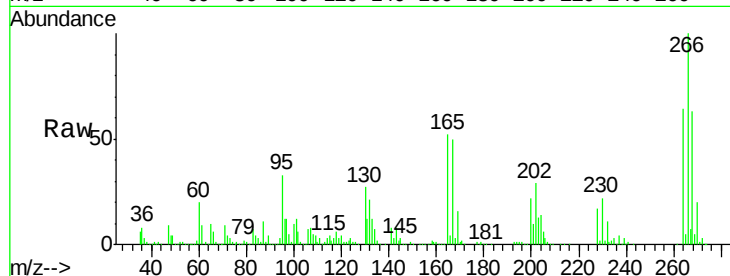




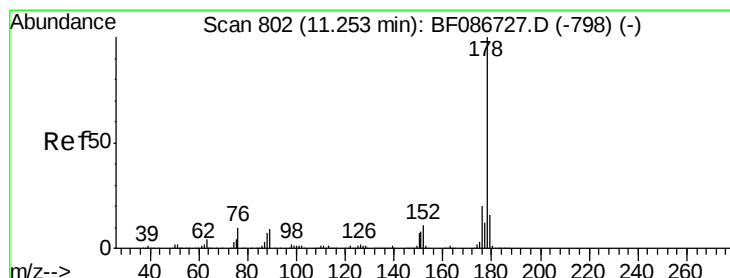
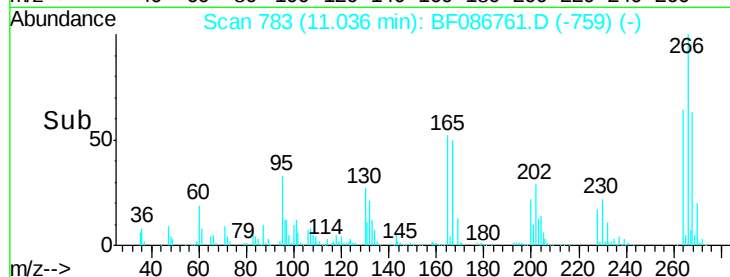
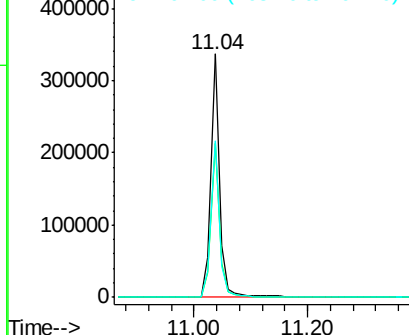
#69
 Pentachlorophenol
 Concen: 104.93 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion: 266 Resp: 346809
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 64.2 52.9 79.3

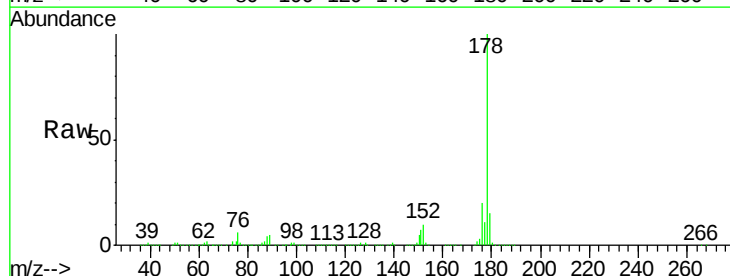


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

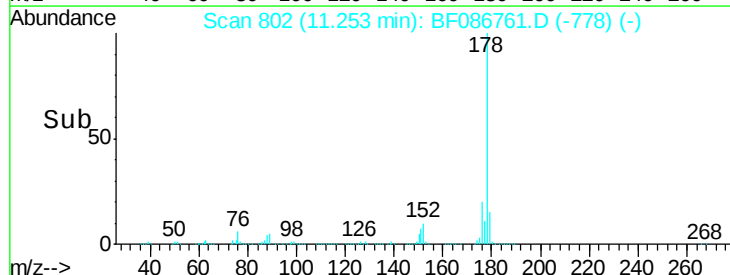
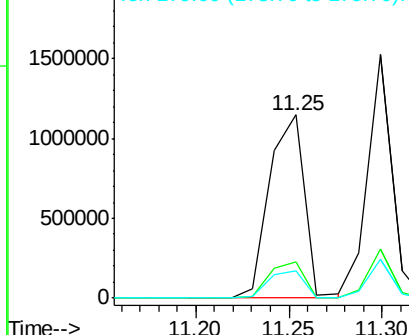


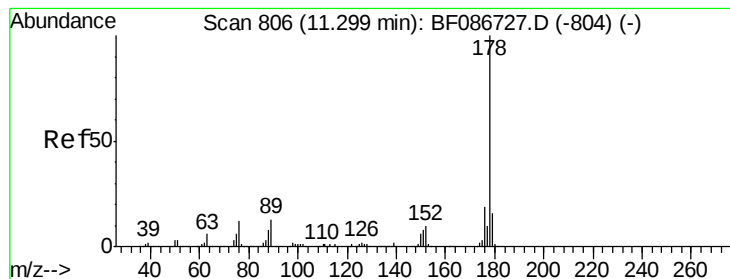
#70
 Phenanthrene
 Concen: 50.52 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion: 178 Resp: 1497050
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.2 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: 45.15 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

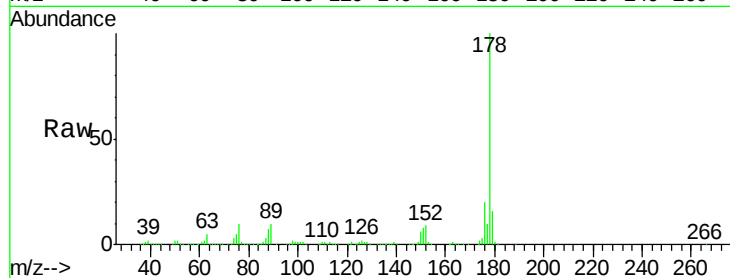
Tgt Ion:178 Resp: 1401142

Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

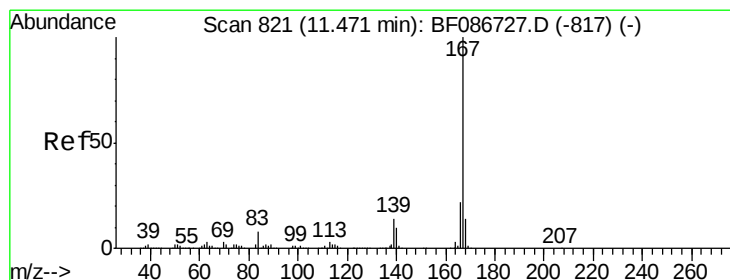
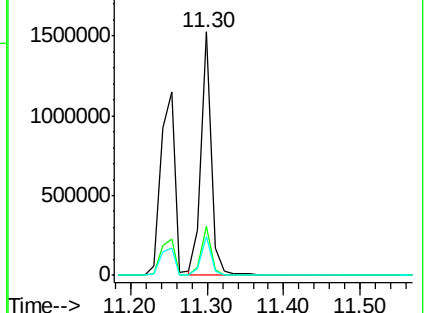
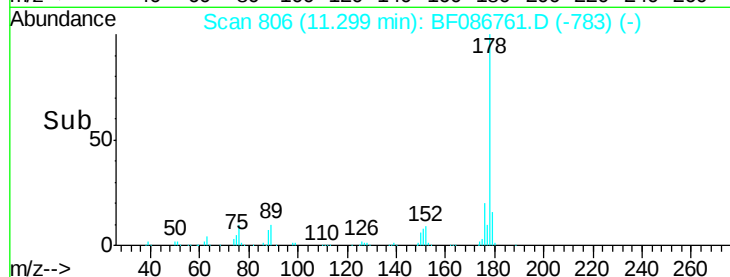
179 16.2 12.7 19.1



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: 45.81 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

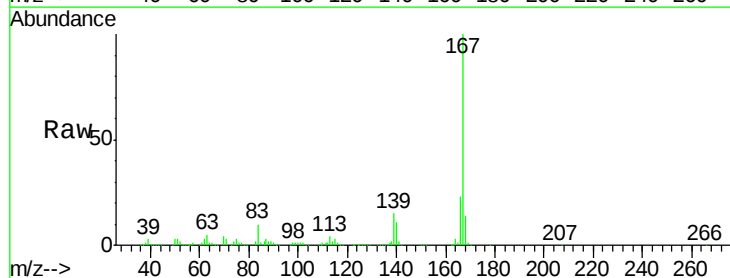
Tgt Ion:167 Resp: 1234534

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

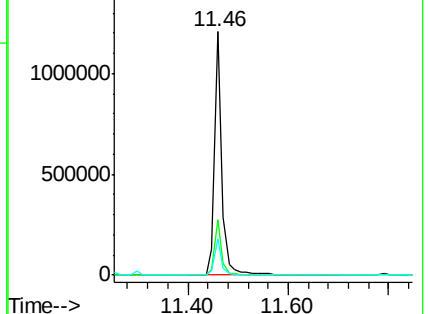
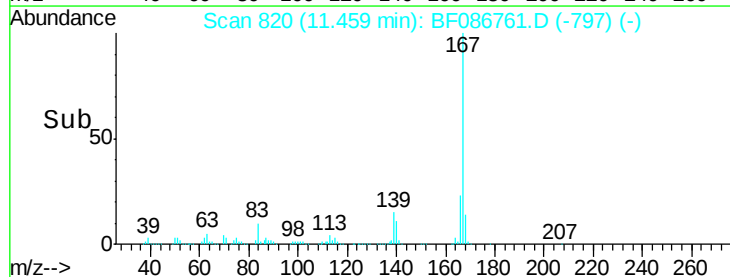
139 15.0 10.8 16.2

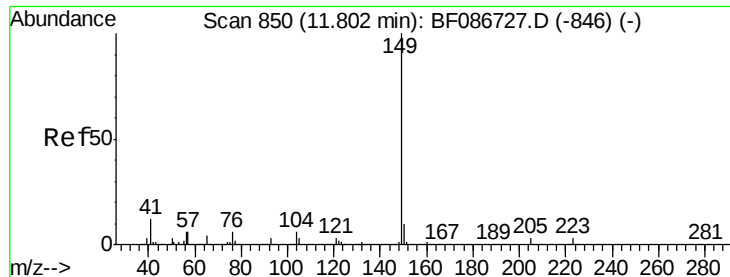


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.05 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

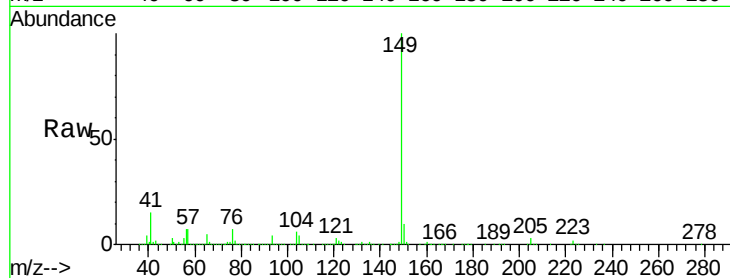
Tgt Ion:149 Resp: 1473257

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

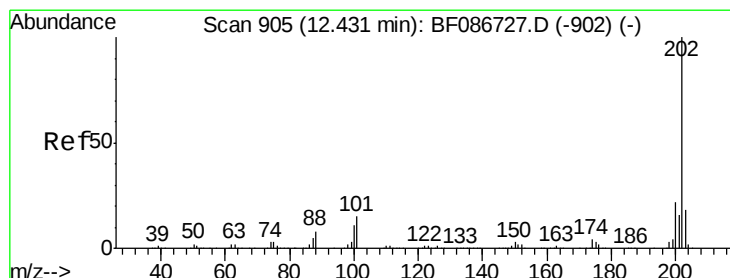
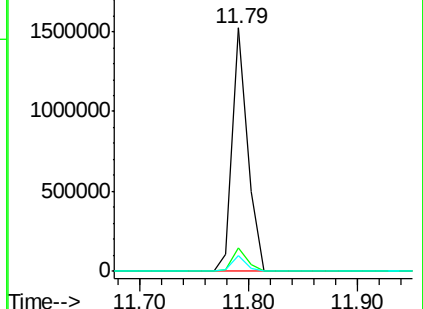
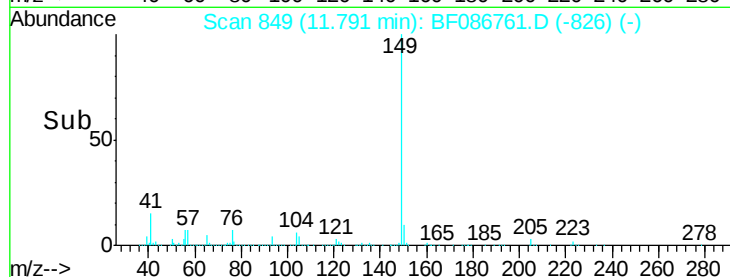
104 6.5 3.8 5.6#



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: 49.81 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

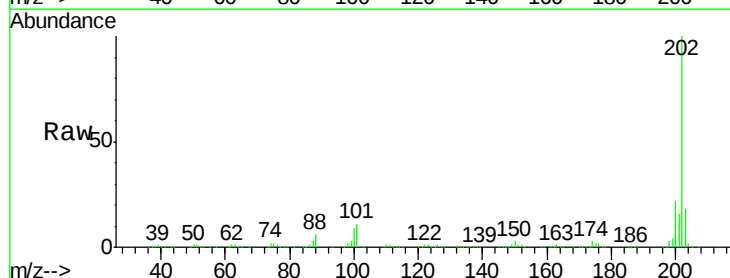
Tgt Ion:202 Resp: 1479268

Ion Ratio Lower Upper

202 100

101 11.3 0.0 35.4

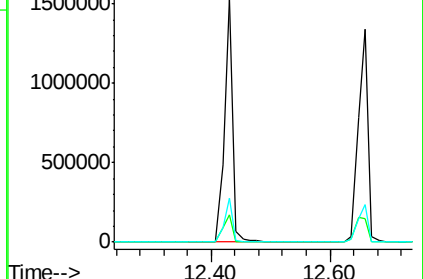
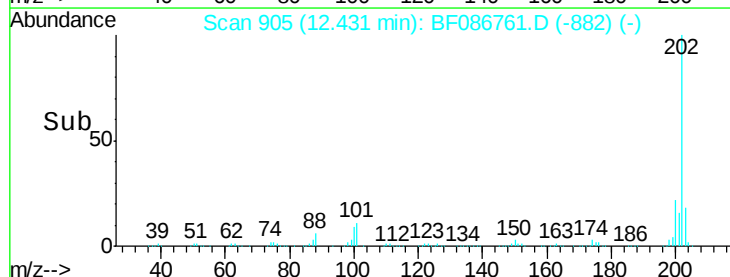
203 18.1 0.0 38.1

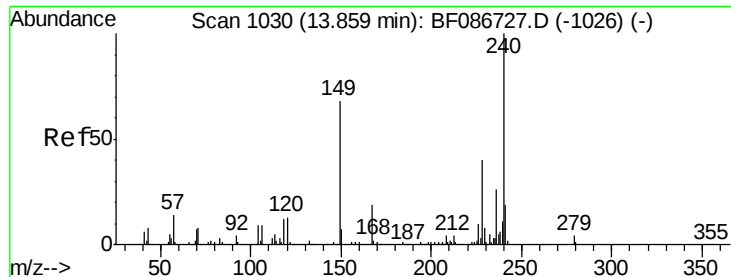


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

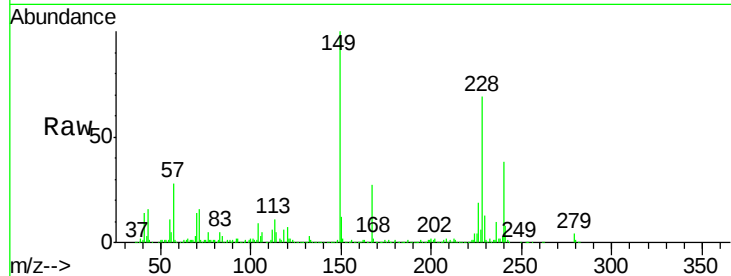
Tgt Ion:240 Resp: 352673

Ion Ratio Lower Upper

240 100

120 17.3 11.2 16.8#

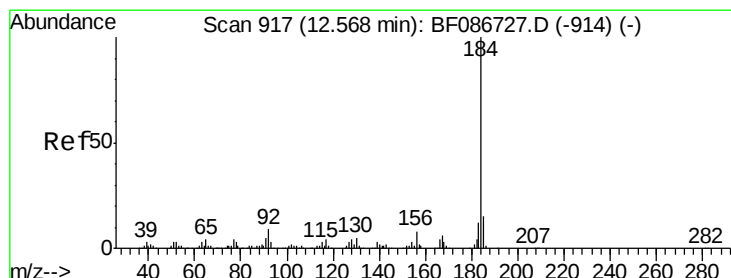
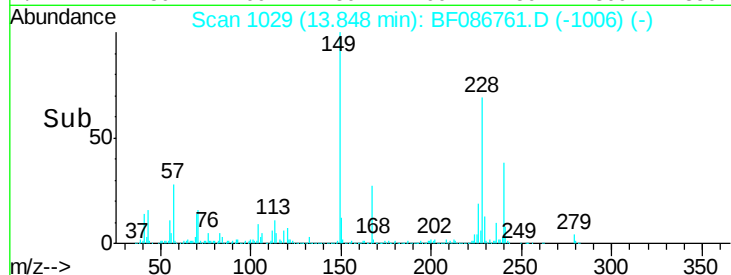
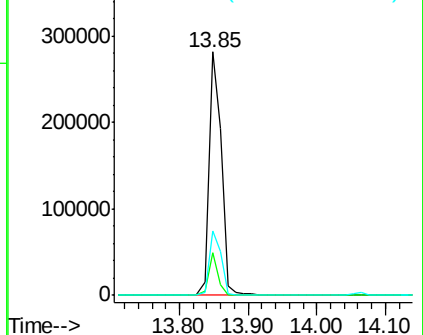
236 26.4 21.2 31.8



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



#76

Benzidine

Concen: 17.77 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

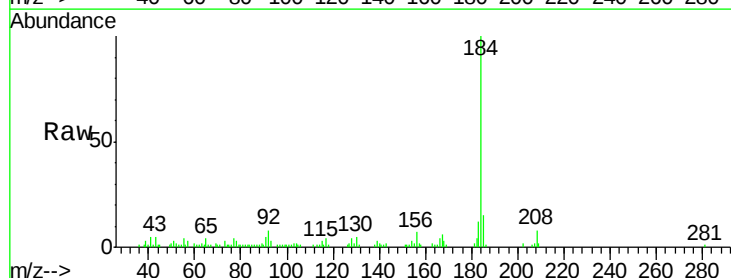
Tgt Ion:184 Resp: 121074

Ion Ratio Lower Upper

184 100

185 15.3 13.6 20.4

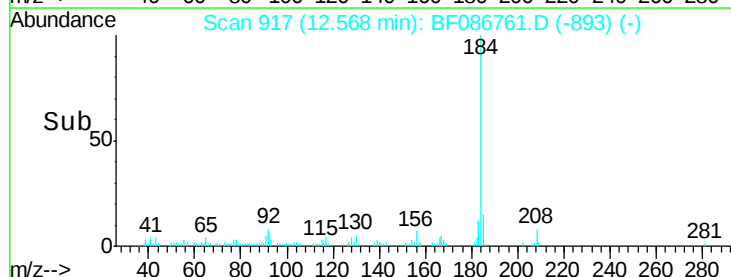
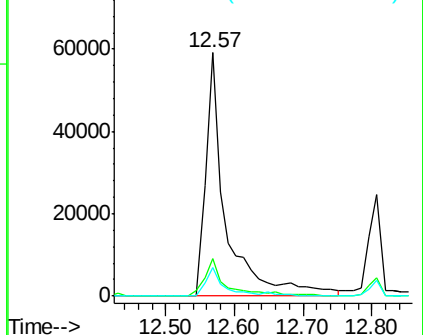
183 11.6 9.8 14.6

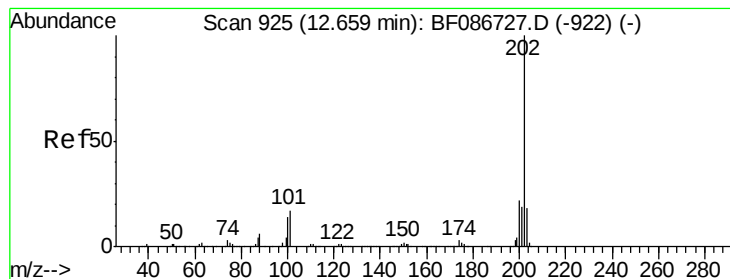


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.24 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

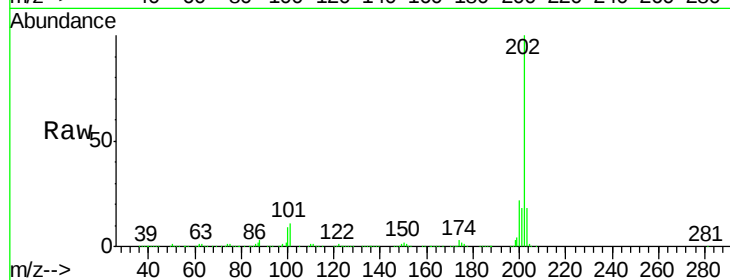
Tgt Ion:202 Resp: 1525128

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

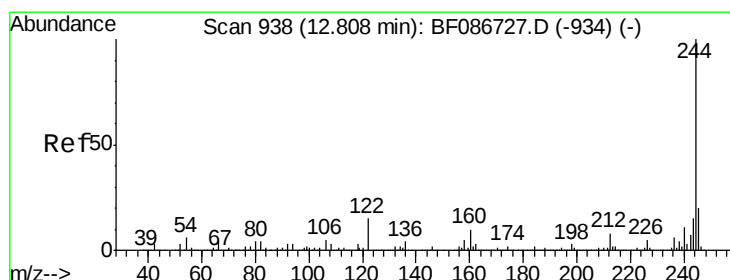
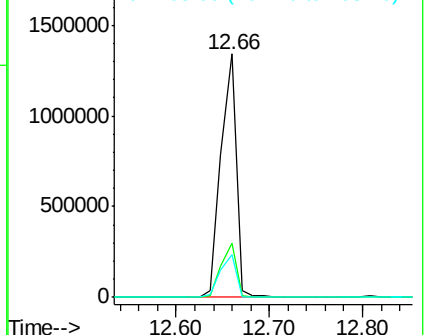
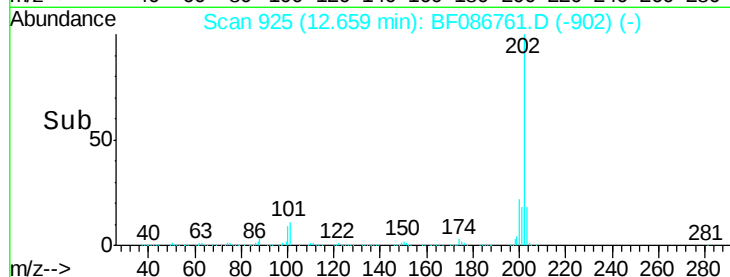
203 17.8 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.17 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

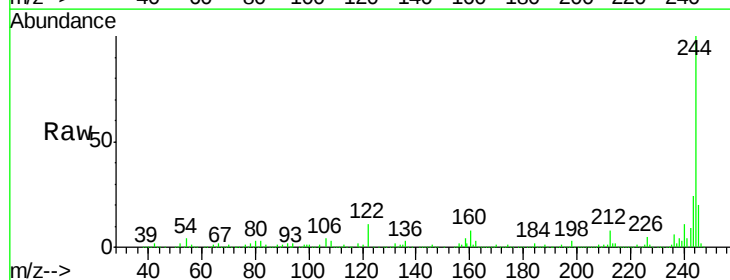
Tgt Ion:244 Resp: 1643261

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

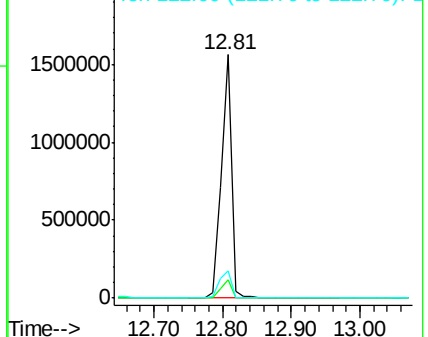
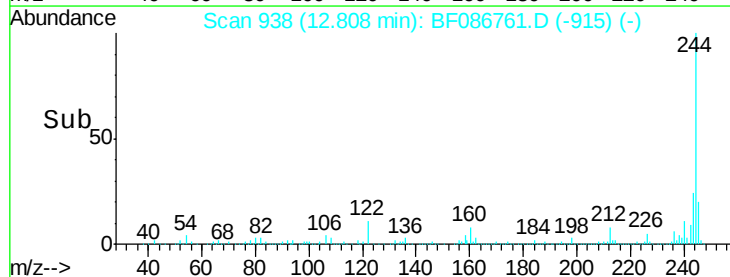
122 11.2 12.0 18.0#

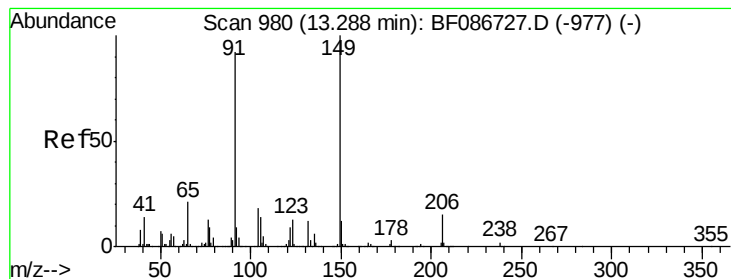


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.57 ng

RT: 13.29 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

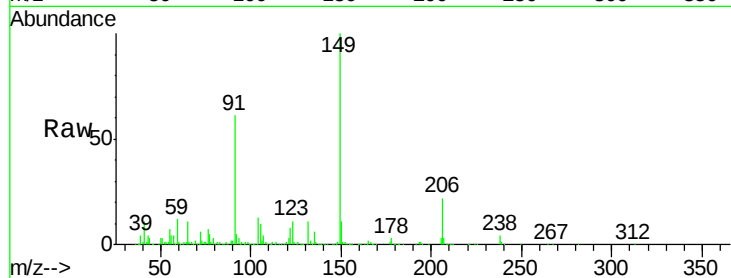
Tgt Ion:149 Resp: 678007

Ion Ratio Lower Upper

149 100

91 61.2 48.0 72.0

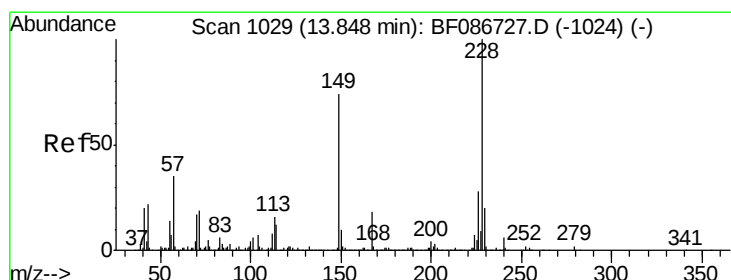
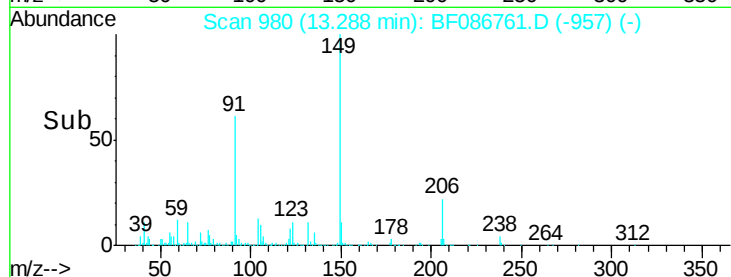
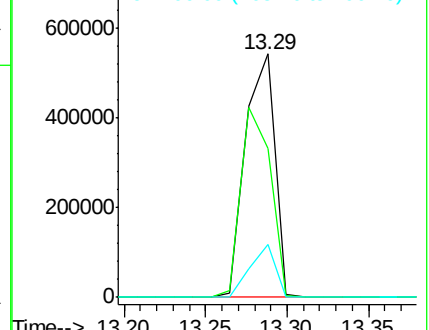
206 21.7 15.8 23.6



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: 50.90 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

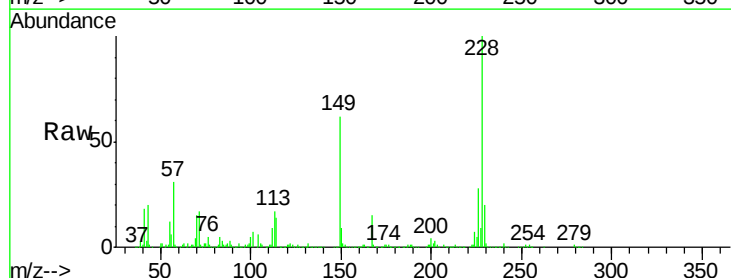
Tgt Ion:228 Resp: 1015211

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

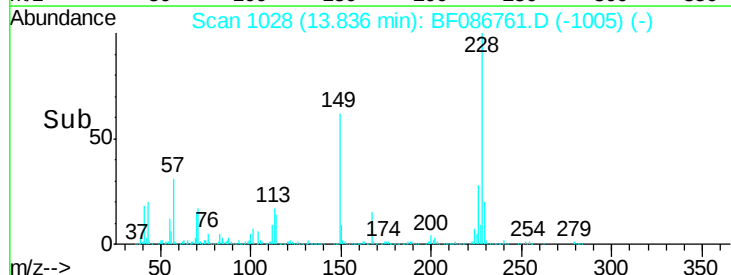
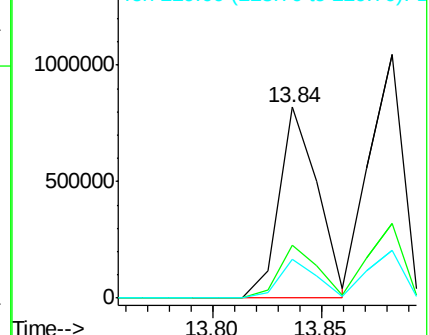
229 20.2 16.6 25.0

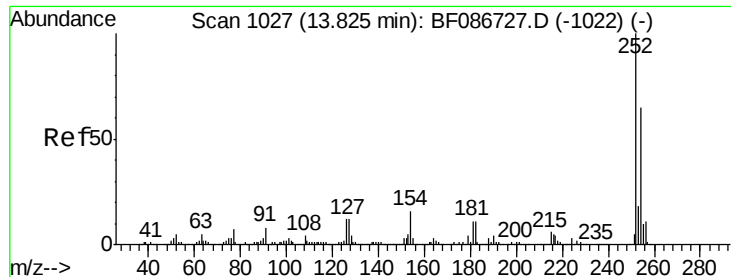


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

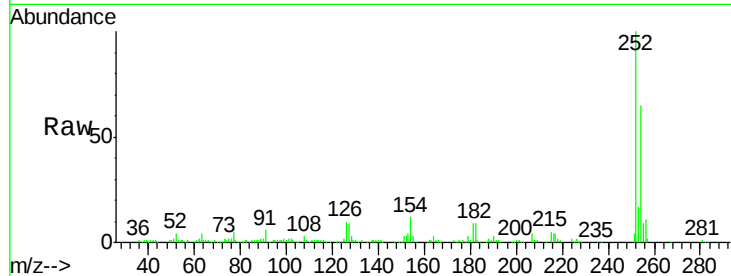




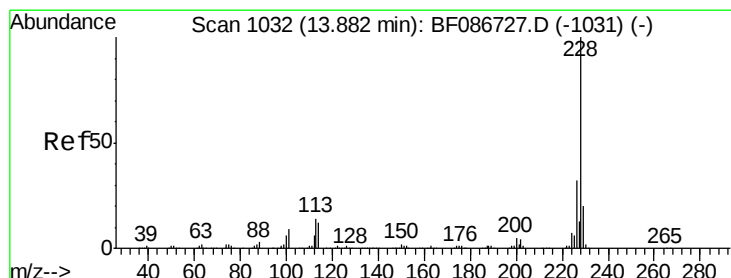
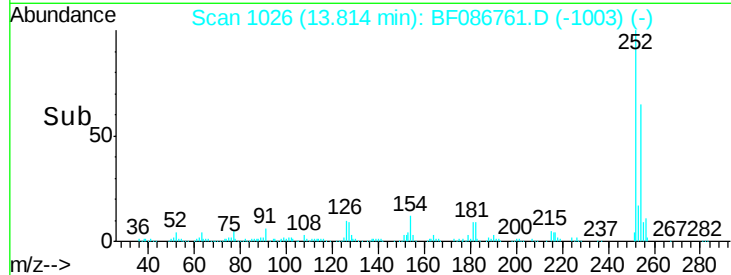
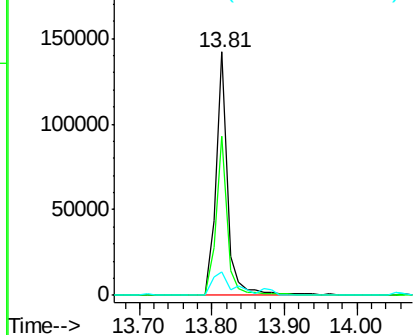
#81
 3,3'-Dichlorobenzidine
 Concen: 12.76 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

Tgt Ion:252 Resp: 159918
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.7 76.1
 126 9.7 12.7 19.1#

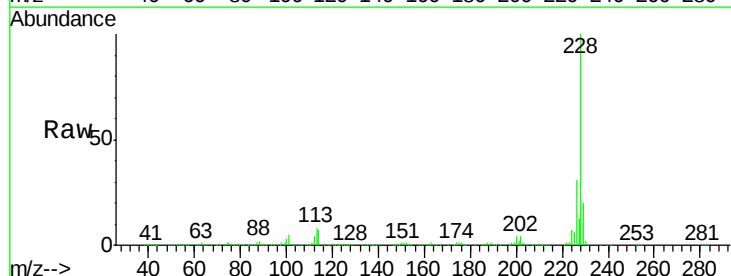


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

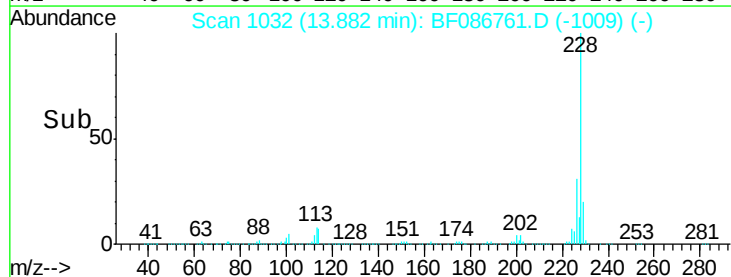
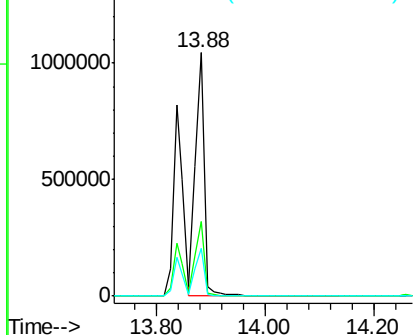


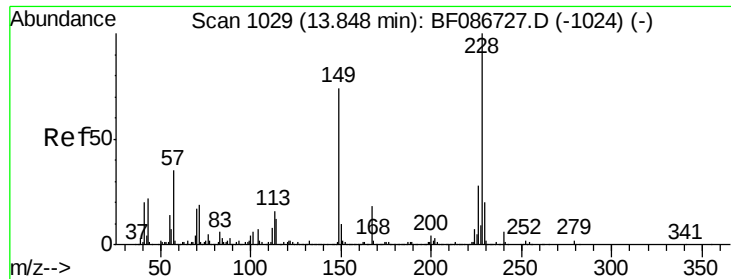
#82
 Chrysene
 Concen: 55.01 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:228 Resp: 1170524
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 19.8 15.8 23.8



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

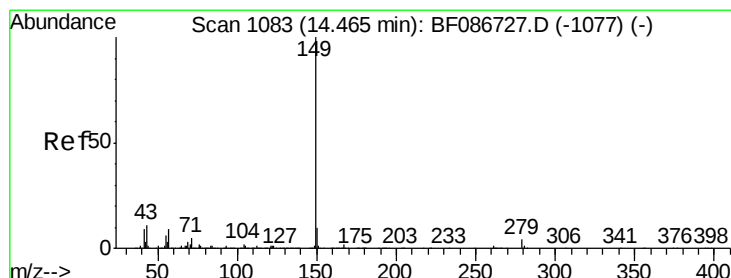
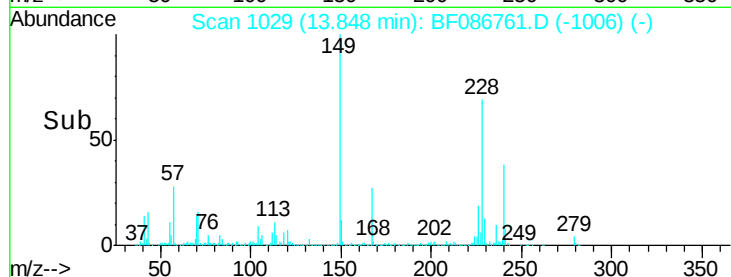
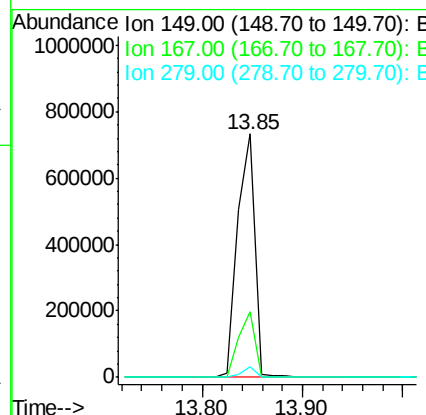
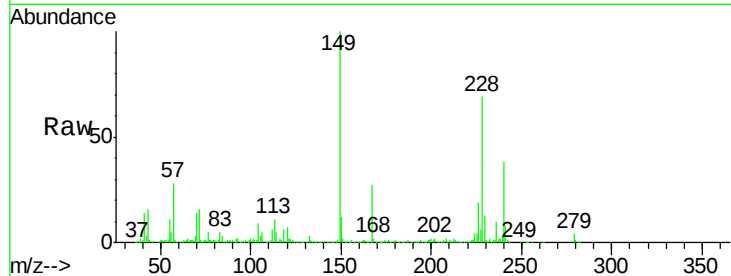




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 64.04 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

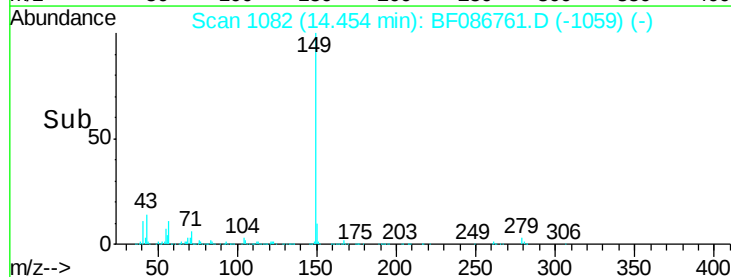
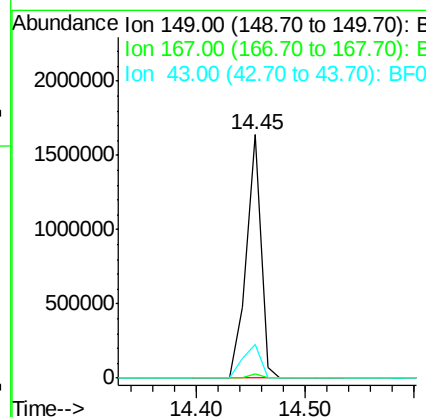
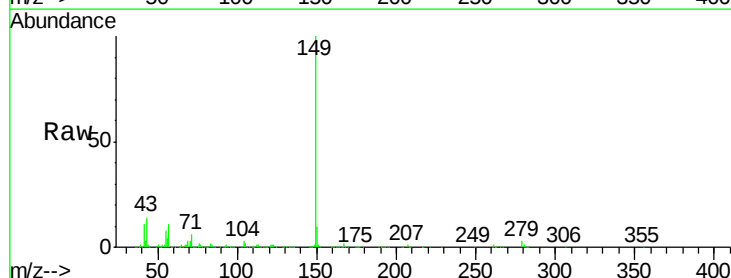
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

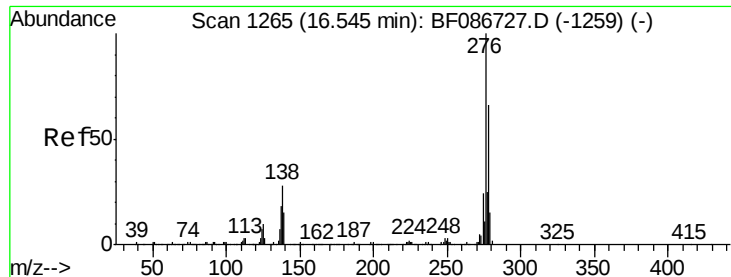
Tgt Ion:149 Resp: 872707
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.6
 279 4.4 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 75.42 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion:149 Resp: 1512330
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 16.7 8.2 12.4#

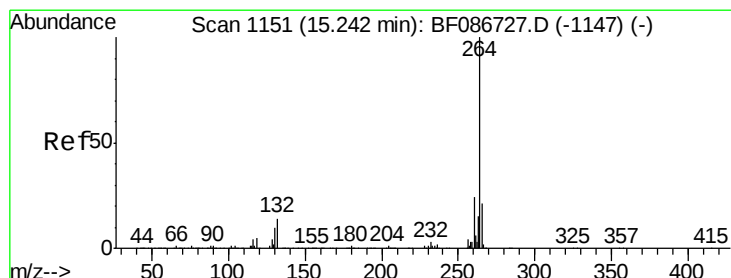
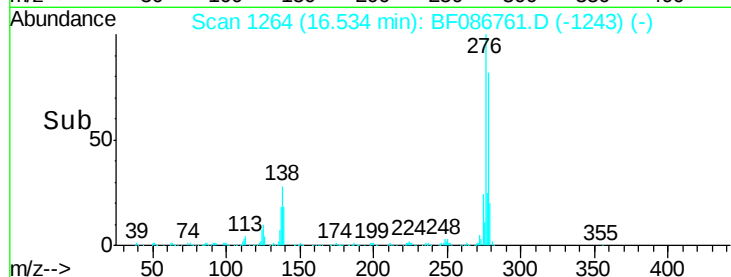
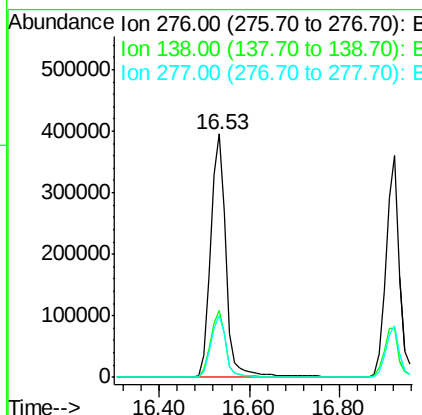
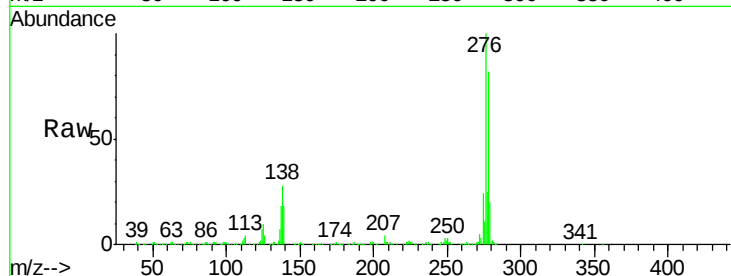




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.61 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.06 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

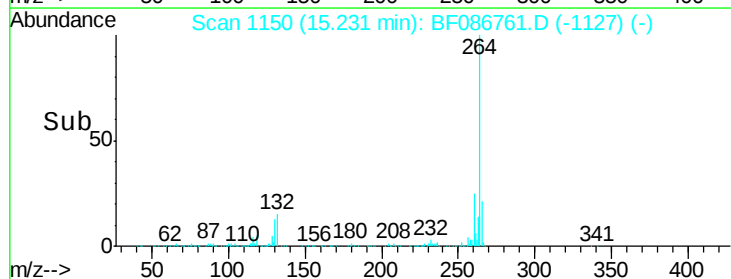
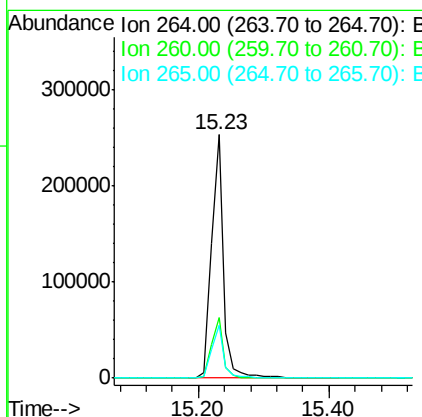
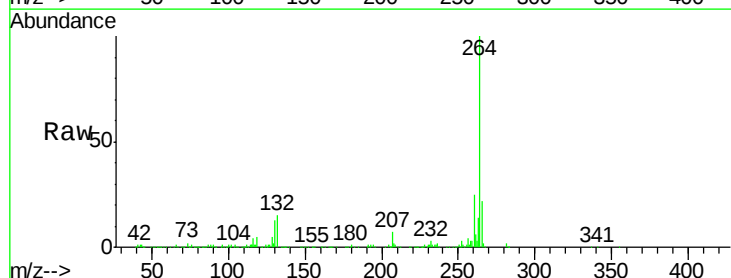
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MSD

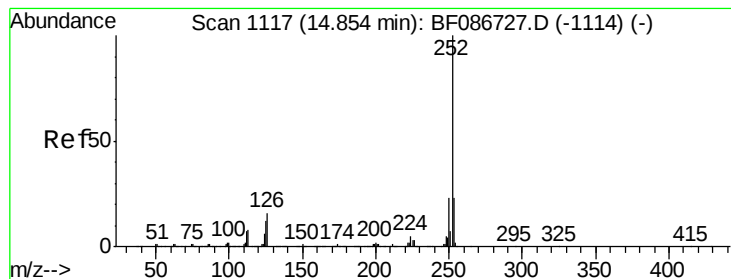
Tgt Ion: 276 Resp: 942259
 Ion Ratio Lower Upper
 276 100
 138 27.3 25.6 38.4
 277 25.4 20.5 30.7



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF086761.D
 Acq: 7 May 2016 9:00

Tgt Ion: 264 Resp: 327997
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.7 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 101.43 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

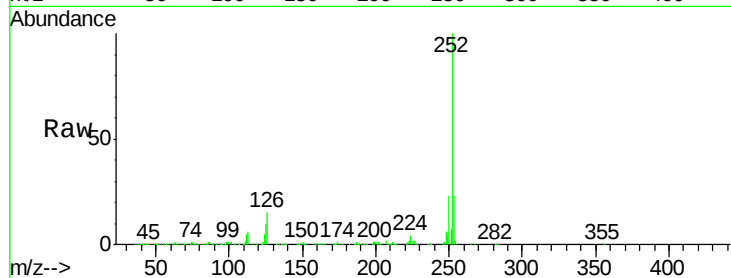
Tgt Ion:252 Resp: 1998998

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

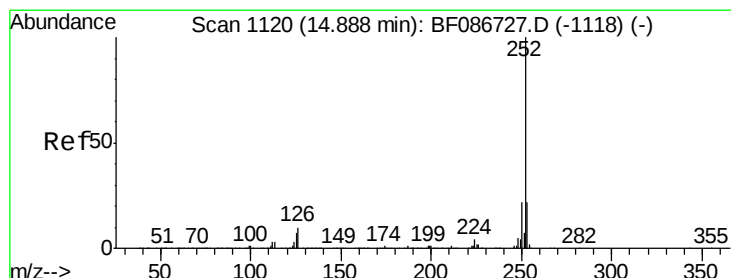
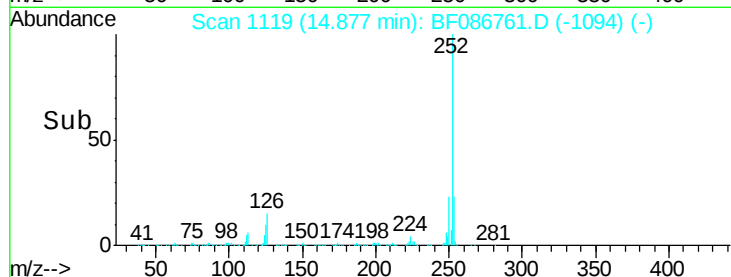
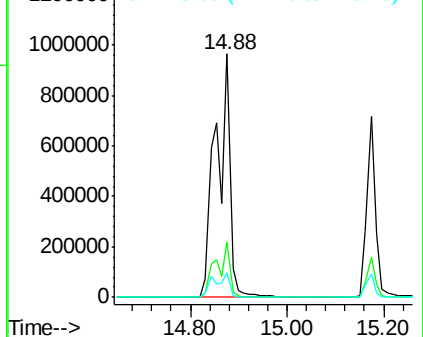
125 10.0 11.4 17.0#



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: 107.73 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

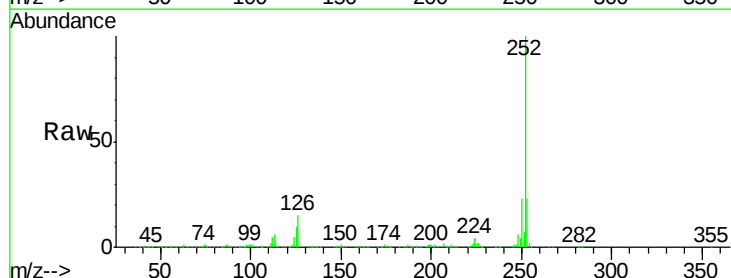
Tgt Ion:252 Resp: 2000499

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

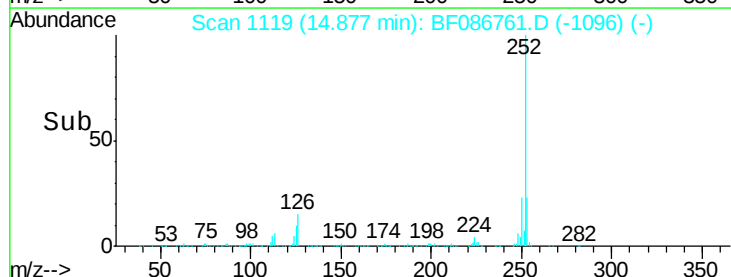
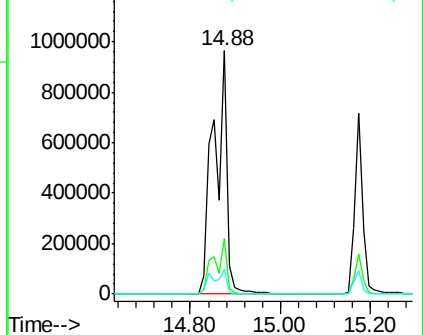
125 10.0 9.1 13.7

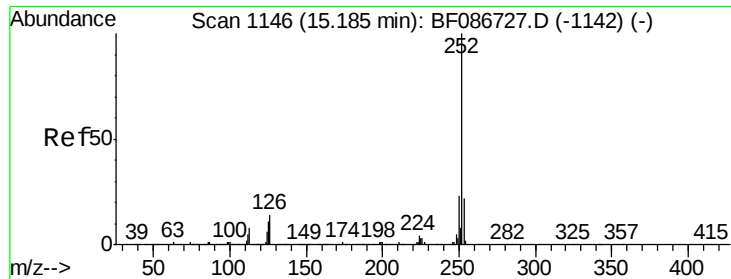


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.76 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD

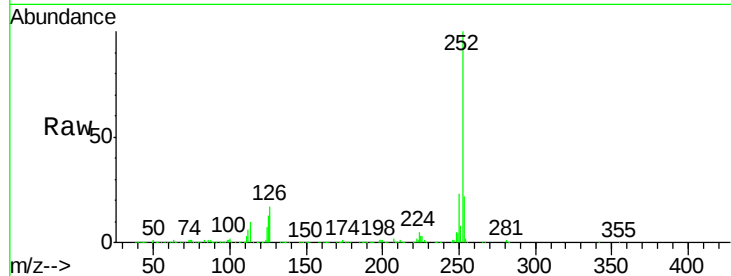
Tgt Ion:252 Resp: 903325

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

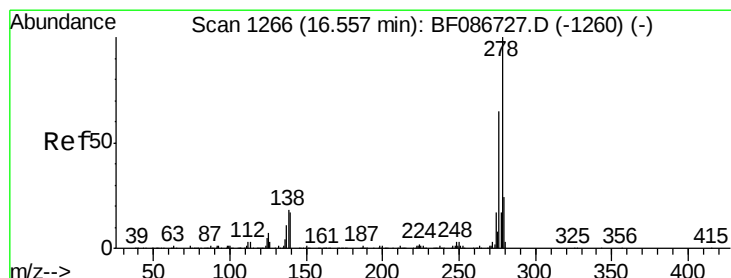
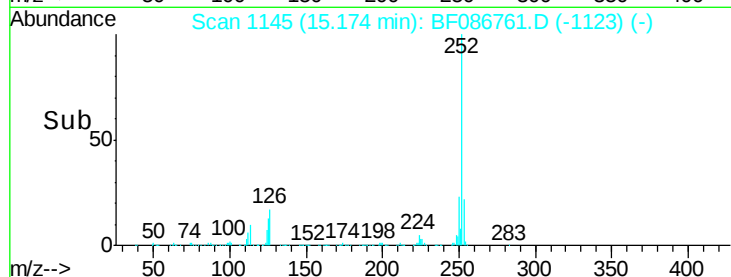
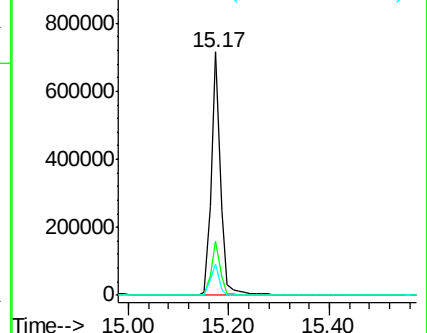
125 12.8 9.0 13.6



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: 45.39 ng

RT: 16.55 min Scan# 1265

Delta R.T. -0.06 min

Lab File: BF086761.D

Acq: 7 May 2016 9:00

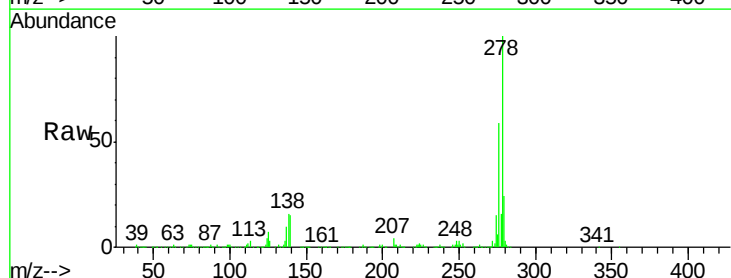
Tgt Ion:278 Resp: 791592

Ion Ratio Lower Upper

278 100

139 15.4 16.6 24.8#

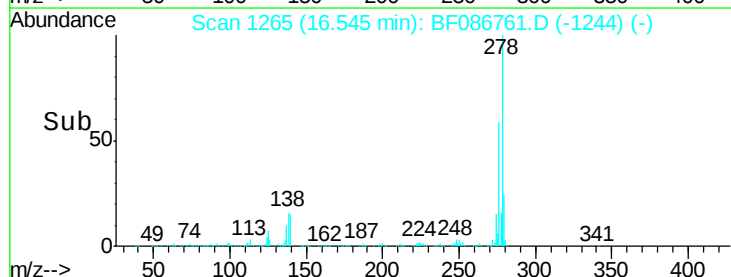
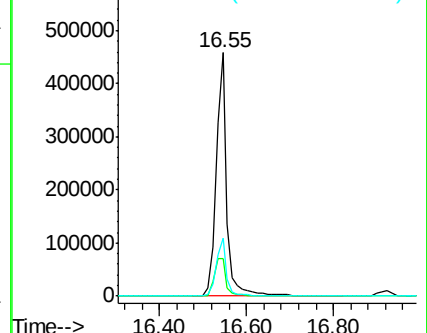
279 23.9 19.6 29.4

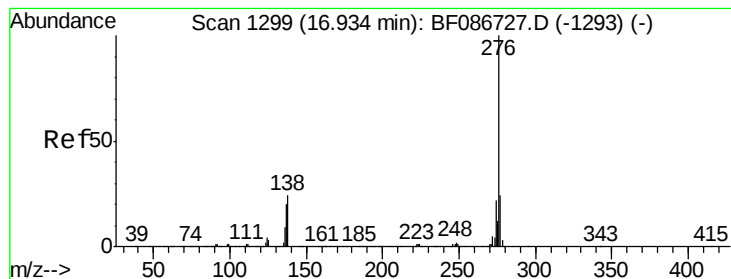


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.38 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.07 min

Lab File: BF086761.D

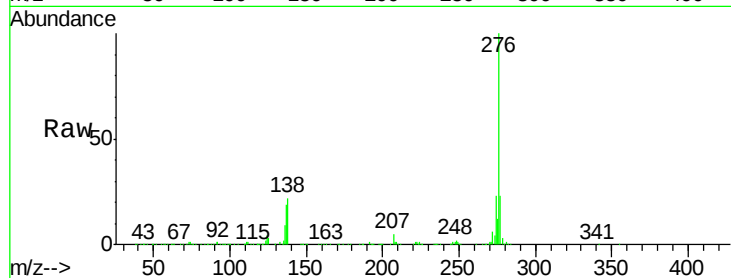
Acq: 7 May 2016 9:00

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MSD



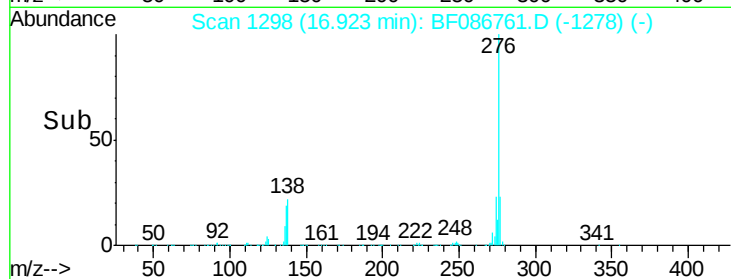
Tgt Ion: 276 Resp: 775873

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.2 23.6 35.4#



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

400000

300000

200000

100000

0

16.80

16.92

17.00

17.20

Time-->