

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086760.D
 Acq On : 7 May 2016 8:32
 Operator : UM/SJ
 Sample : H2863-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Quant Time: May 07 23:14:36 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	173925	40.00	ng	-0.03
21) Naphthalene-d8	8.00	136	725877	40.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	337718	40.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	561368	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	378475	40.00	ng	-0.03
86) Perylene-d12	15.23	264	329928	40.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1211738	115.34	ng	0.00
7) Phenol-d6	6.37	99	1606663	113.53	ng	0.00
23) Nitrobenzene-d5	7.28	82	1027363	72.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	353974	107.15	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1481270	71.90	ng	-0.03
78) Terphenyl-d14	12.81	244	1422806	75.98	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	158400	29.17	ng	# 75
3) Pyridine	3.02	79	301209	22.62	ng	# 66
4) n-Nitrosodimethylamine	2.93	42	310107	38.40	ng	# 49
6) Aniline	6.38	93	217318	12.44	ng	# 1
8) 2-Chlorophenol	6.50	128	477232	37.85	ng	98
9) Benzaldehyde	6.26	77	48505	6.87	ng	99
10) Phenol	6.38	94	591253	38.19	ng	85
11) bis(2-Chloroethyl)ether	6.45	93	526309	39.49	ng	91
12) 1,3-Dichlorobenzene	6.65	146	485434	36.26	ng	99
13) 1,4-Dichlorobenzene	6.65	146	485434	35.07	ng	99
14) 1,2-Dichlorobenzene	6.88	146	460800	38.23	ng	100
15) Benzyl Alcohol	6.86	79	384379	41.98	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	975130	35.79	ng	62
17) 2-Methylphenol	6.99	107	379036	37.34	ng	# 82
18) Hexachloroethane	7.22	117	192094	36.76	ng	# 82
19) n-Nitroso-di-n-propylamine	7.14	70	382919	39.60	ng	# 78
20) 3+4-Methylphenols	7.14	107	490283	41.25	ng	# 72
22) Acetophenone	7.13	105	663772	39.24	ng	99
24) Nitrobenzene	7.30	77	571782	39.15	ng	97
25) Isophorone	7.54	82	953175	36.23	ng	98
26) 2-Nitrophenol	7.62	139	253291	38.87	ng	97
27) 2,4-Dimethylphenol	7.66	122	394525	34.48	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	614259	42.43	ng	98
29) 2,4-Dichlorophenol	7.86	162	381753	38.81	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	422892	38.53	ng	99
31) Naphthalene	8.02	128	1384509	37.33	ng	100
32) Benzoic acid	7.79	122	108859	28.53	ng	# 81
33) 4-Chloroaniline	8.08	127	64448	4.49	ng	# 90
34) Hexachlorobutadiene	8.13	225	241191	38.71	ng	96
35) Caprolactam	8.46	113	72945	23.96	ng	# 60
36) 4-Chloro-3-methylphenol	8.58	107	458822	40.88	ng	95
37) 2-Methylnaphthalene	8.70	142	873023	39.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	369603	37.81	ng	98
40) Hexachlorocyclopentadiene	8.85	237	414039	90.98	ng	97

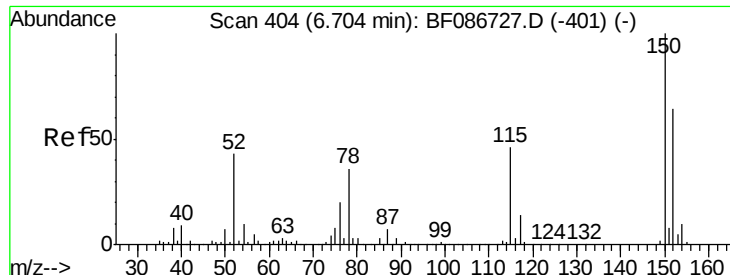
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	252635	40.64	ng	96
43) 2,4,5-Trichlorophenol	9.04	196	254487	39.19	ng	# 78
45) 1,1'-Biphenyl	9.17	154	1131818	40.99	ng	98
46) 2-Chloronaphthalene	9.20	162	844682	39.64	ng	98
47) 2-Nitroaniline	9.30	65	277476	36.63	ng	# 76
48) Acenaphthylene	9.61	152	1273586	40.27	ng	100
49) Dimethylphthalate	9.48	163	1082450	42.99	ng	99
50) 2,6-Dinitrotoluene	9.54	165	194517	36.00	ng	# 71
51) Acenaphthene	9.78	154	796464	38.17	ng	98
52) 3-Nitroaniline	9.71	138	90008	14.65	ng	# 78
53) 2,4-Dinitrophenol	9.82	184	183120	81.51	ng	# 80
54) Dibenzofuran	9.95	168	1080211	41.77	ng	95
55) 4-Nitrophenol	9.89	139	223561	62.43	ng	# 37
56) 2,4-Dinitrotoluene	9.95	165	250305	37.38	ng	# 81
57) Fluorene	10.29	166	868002	41.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	230793	48.39	ng	99
59) Diethylphthalate	10.18	149	916160	38.45	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	354826	35.61	ng	99
61) 4-Nitroaniline	10.33	138	195485	33.12	ng	# 69
62) Azobenzene	10.44	77	1047520	39.67	ng	85
64) 4,6-Dinitro-2-methylphenol	10.35	198	148677	51.17	ng	# 49
65) n-Nitrosodiphenylamine	10.41	169	703845	39.49	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	242203	43.42	ng	90
67) Hexachlorobenzene	10.83	284	251581	36.98	ng	# 69
68) Atrazine	10.94	200	251571	46.05	ng	95
69) Pentachlorophenol	11.04	266	296307	89.04	ng	98
70) Phenanthrene	11.24	178	1135394	37.65	ng	100
71) Anthracene	11.30	178	1264870	40.06	ng	100
72) Carbazole	11.46	167	1052899	38.40	ng	99
73) Di-n-butylphthalate	11.79	149	1237074	38.00	ng	# 98
74) Fluoranthene	12.43	202	1239392	41.01	ng	94
76) Benzidine	12.57	184	45182	10.81	ng	98
77) Pyrene	12.66	202	1215989	40.30	ng	99
79) Butylbenzylphthalate	13.28	149	532162	42.11	ng	# 63
80) Benzo(a)anthracene	13.84	228	834749	39.00	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	136435	10.14	ng	# 95
82) Chrysene	13.87	228	872423	38.20	ng	100
83) Bis(2-ethylhexyl)phthalate	13.84	149	671551	45.92	ng	# 95
84) Di-n-octyl phthalate	14.45	149	1250519	58.11	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.53	276	726489	37.08	ng	95
87) Benzo(b)fluoranthene	14.88	252	1561147	78.75	ng	# 94
88) Benzo(k)fluoranthene	14.88	252	1561147	83.58	ng	# 97
89) Benzo(a)pyrene	15.17	252	716204	39.22	ng	99
90) Dibenzo(a,h)anthracene	16.53	278	602578	34.35	ng	99
91) Benzo(g,h,i)perylene	16.91	276	592010	32.14	ng	95

(#) = 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: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

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IM-MICHELINI-001MS

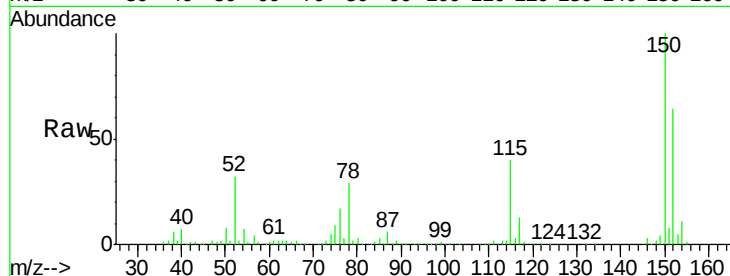
Tgt Ion:152 Resp: 173925

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

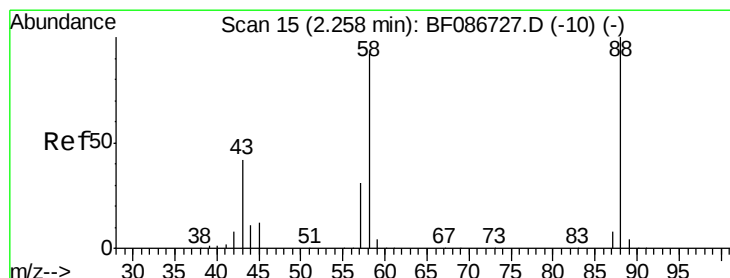
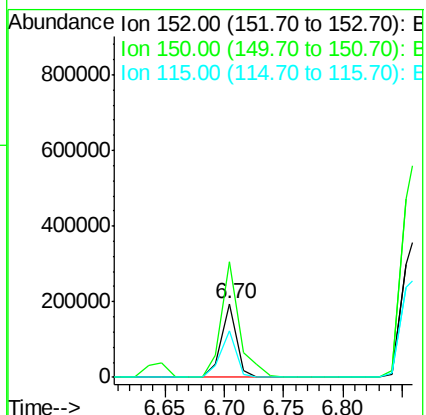
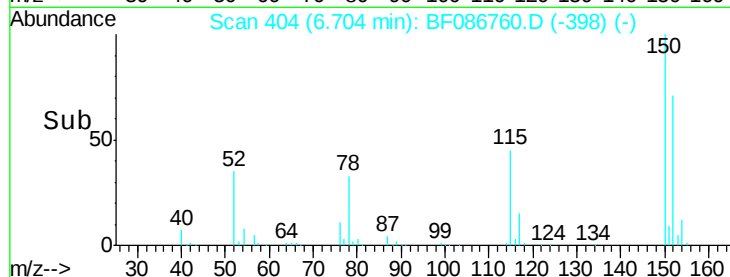
115 63.3 51.5 77.3



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: 29.17 ng

RT: 2.30 min Scan# 19

Delta R.T. 0.05 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

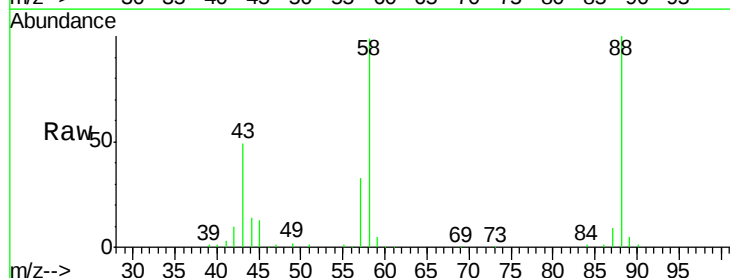
Tgt Ion: 88 Resp: 158400

Ion Ratio Lower Upper

88 100

58 94.3 59.6 89.4#

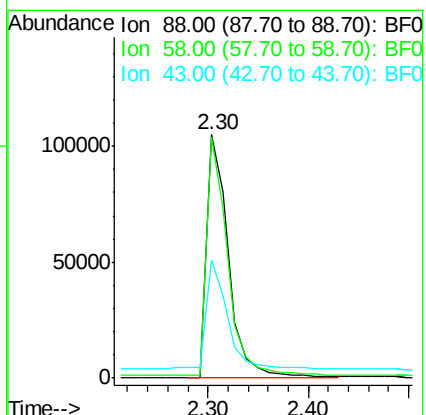
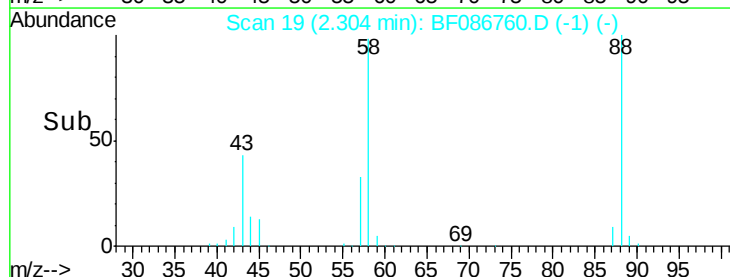
43 42.6 21.8 32.6#

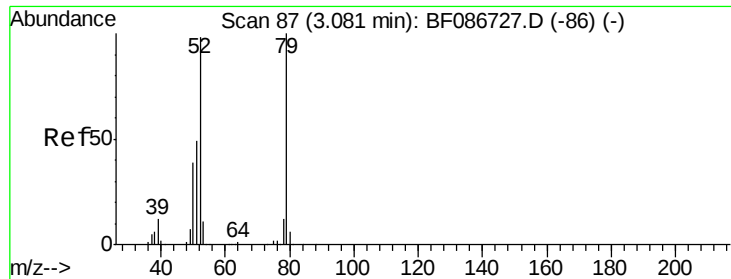


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.62 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

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IM-MICHELINI-001MS

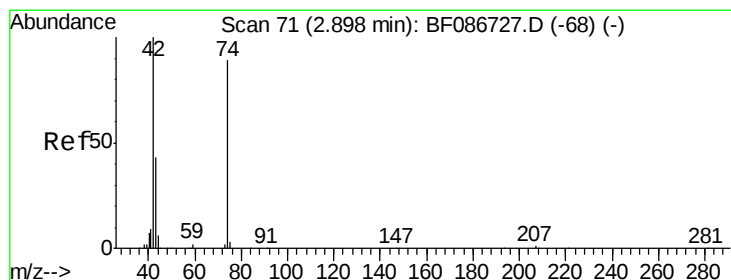
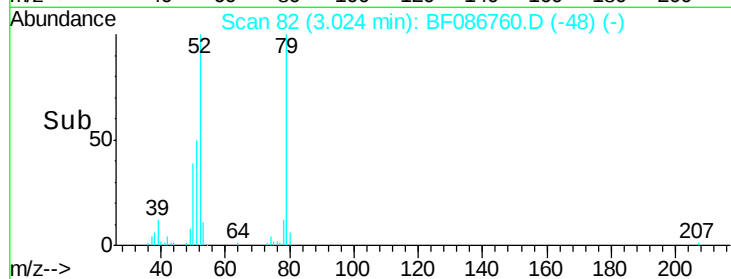
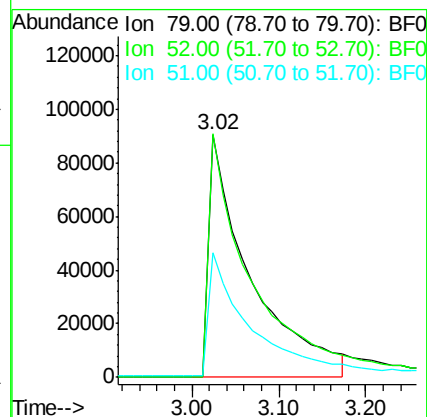
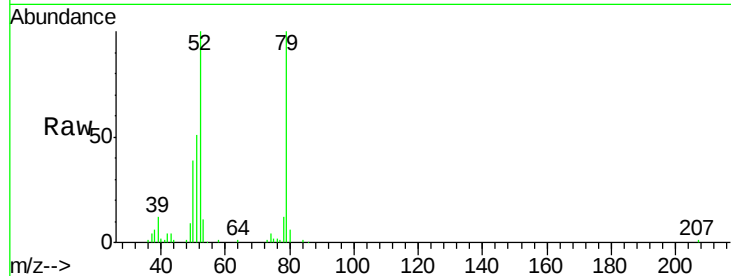
Tgt Ion: 79 Resp: 301209

Ion Ratio Lower Upper

79 100

52 100.4 55.9 83.9#

51 51.3 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.40 ng

RT: 2.93 min Scan# 74

Delta R.T. 0.05 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

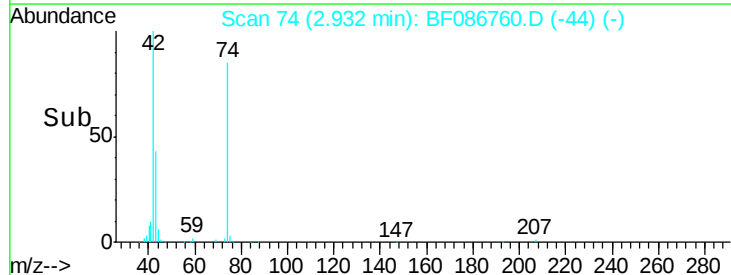
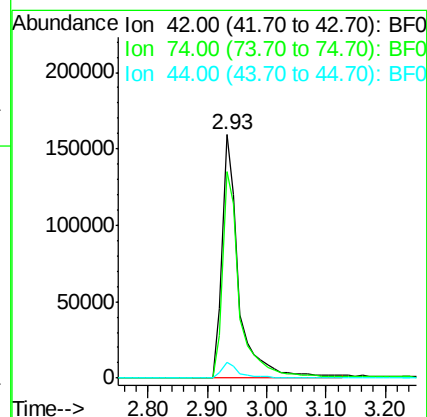
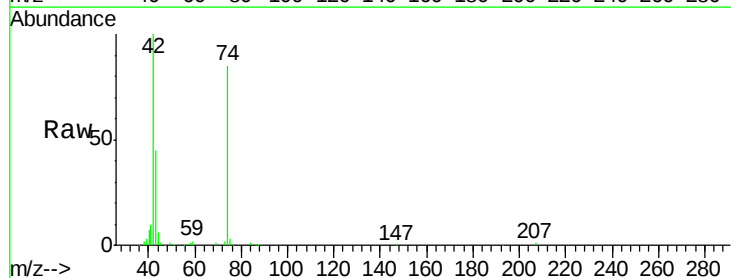
Tgt Ion: 42 Resp: 310107

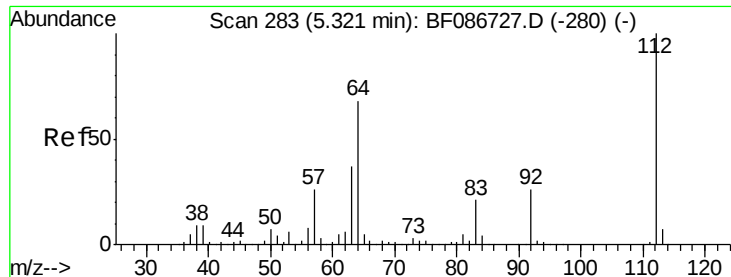
Ion Ratio Lower Upper

42 100

74 84.9 123.4 185.0#

44 6.4 5.8 8.6





#5

2-Fluorophenol

Concen: 115.34 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

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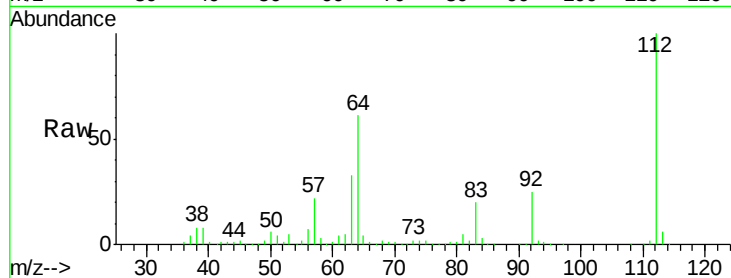
Tgt Ion: 112 Resp: 1211738

Ion Ratio Lower Upper

112 100

64 61.5 52.1 78.1

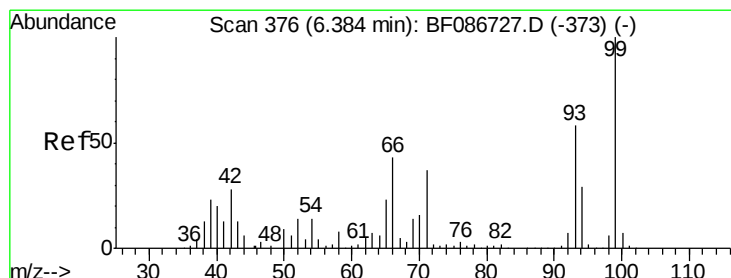
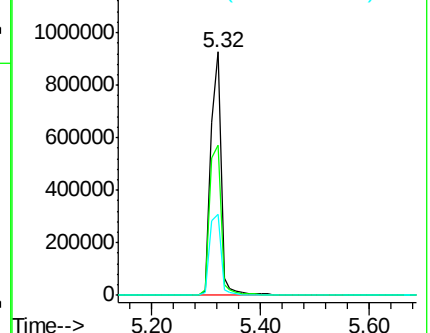
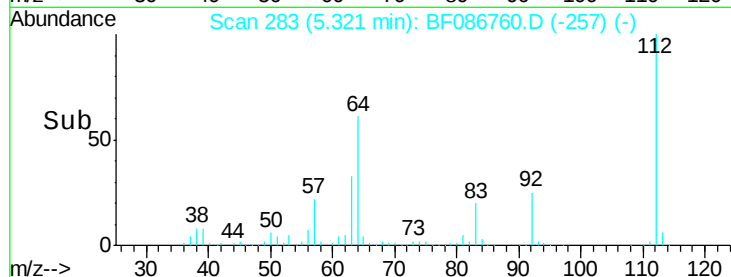
63 33.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.44 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

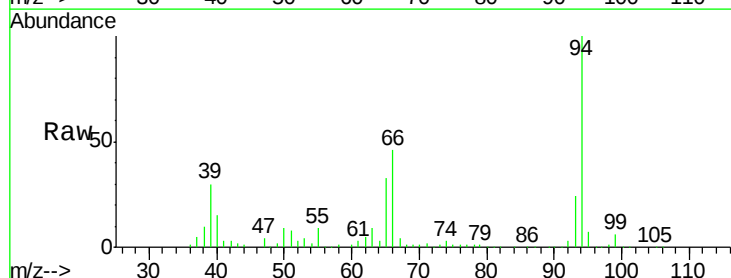
Tgt Ion: 93 Resp: 217318

Ion Ratio Lower Upper

93 100

66 191.2 39.0 58.6#

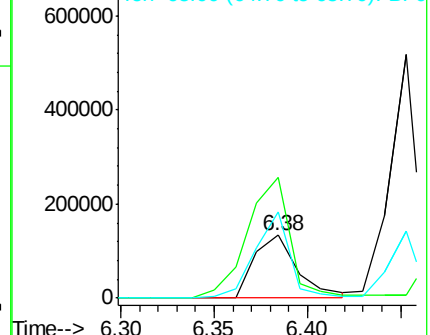
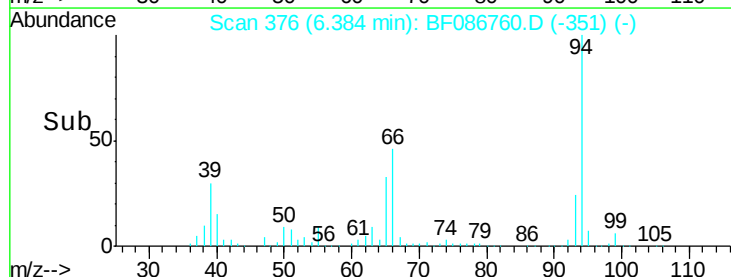
65 137.5 20.6 31.0#

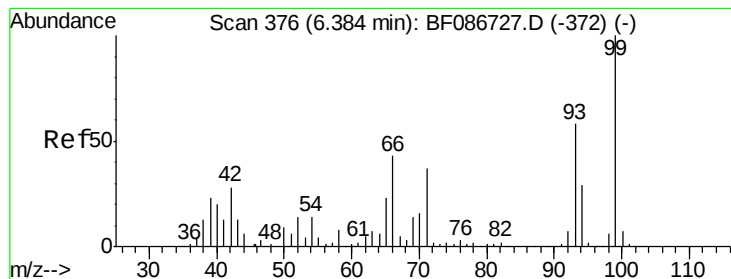


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.53 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

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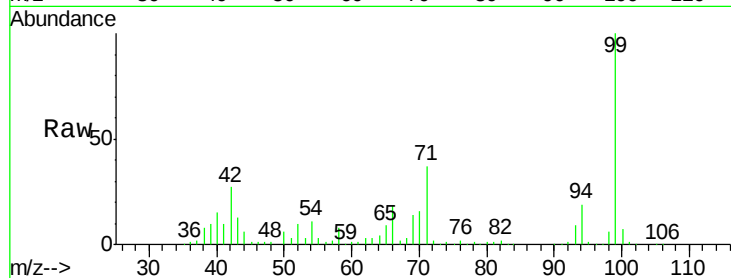
Tgt Ion: 99 Resp: 1606663

Ion Ratio Lower Upper

99 100

42 27.0 13.6 20.4#

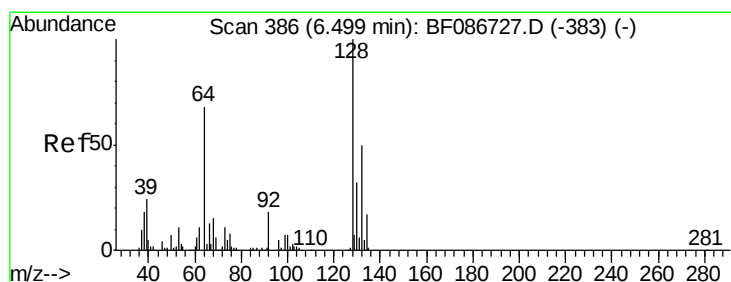
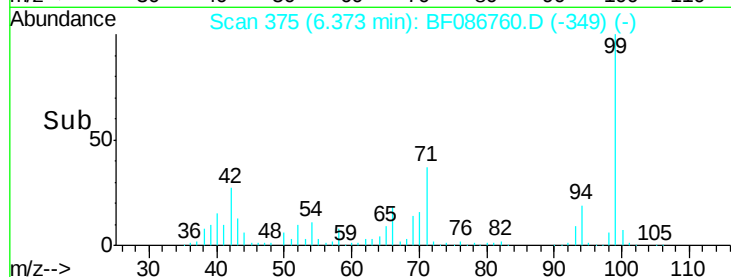
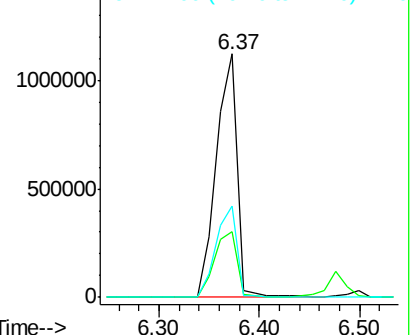
71 37.4 24.6 36.8#



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: 37.85 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

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Acq: 7 May 2016 8:32

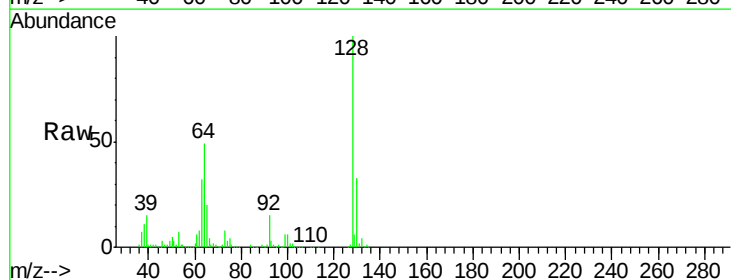
Tgt Ion: 128 Resp: 477232

Ion Ratio Lower Upper

128 100

130 33.3 12.5 52.5

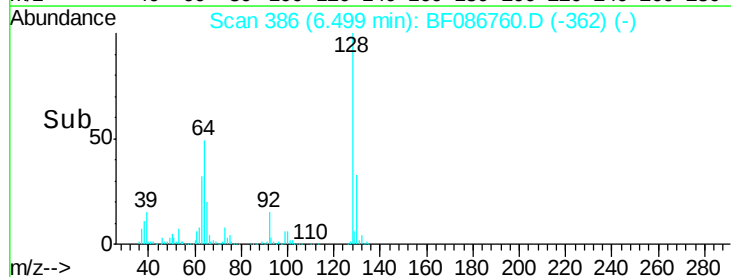
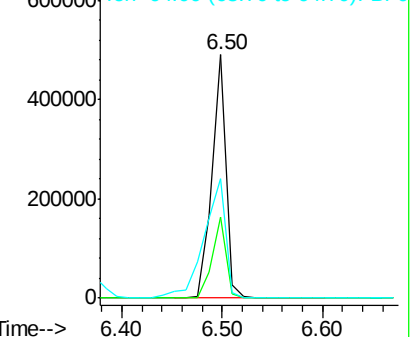
64 48.9 27.3 67.3

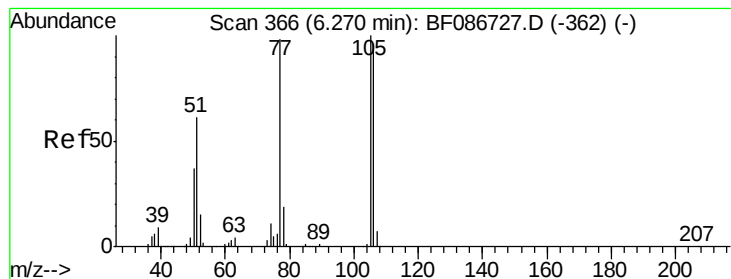


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.87 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: BF086760.D

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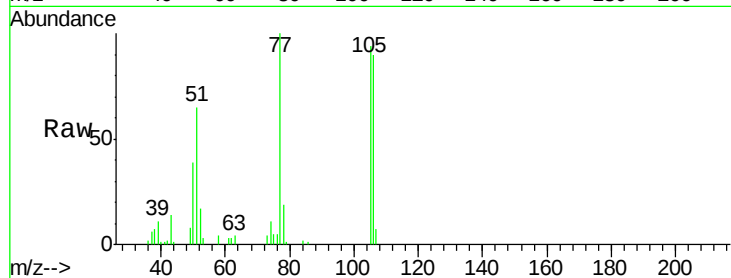
Tgt Ion: 77 Resp: 48505

Ion Ratio Lower Upper

77 100

105 94.3 72.7 112.7

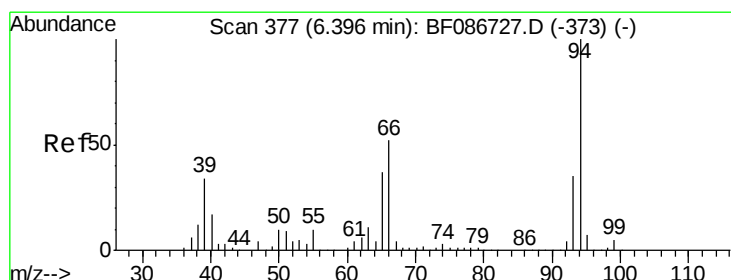
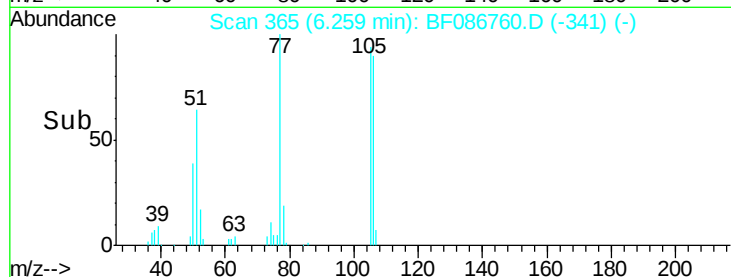
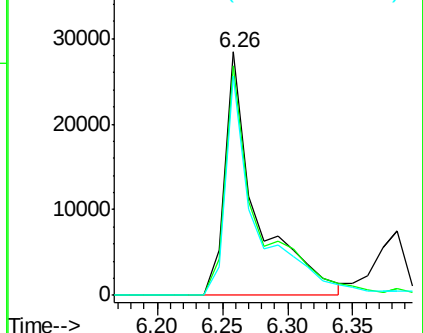
106 90.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.19 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

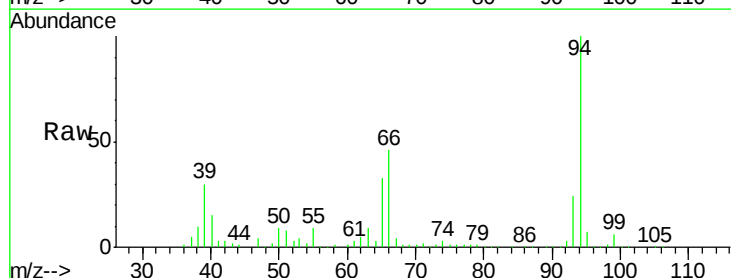
Tgt Ion: 94 Resp: 591253

Ion Ratio Lower Upper

94 100

65 32.8 7.2 47.2

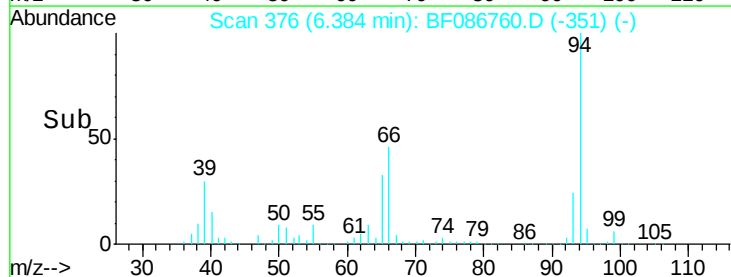
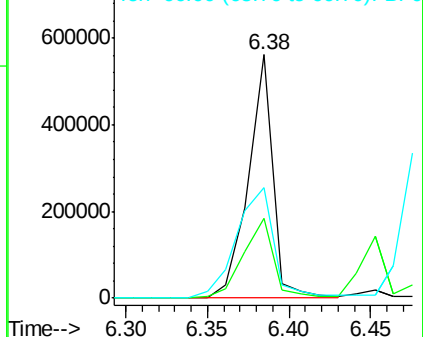
66 45.6 14.9 54.9

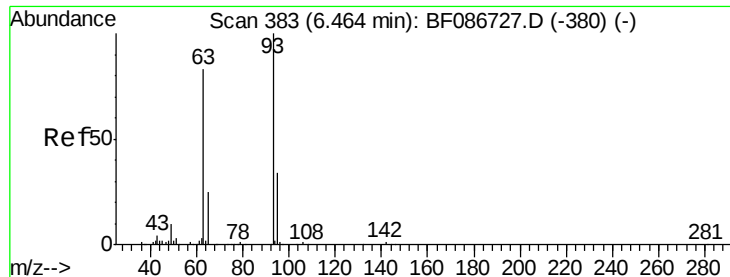


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

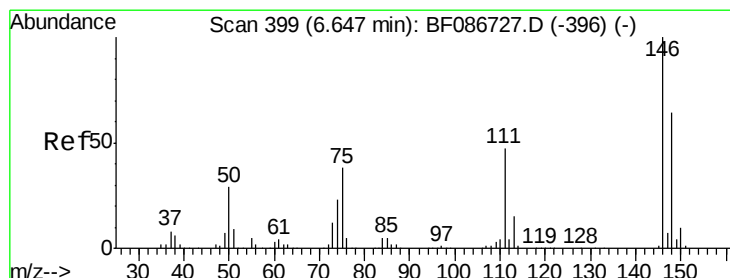
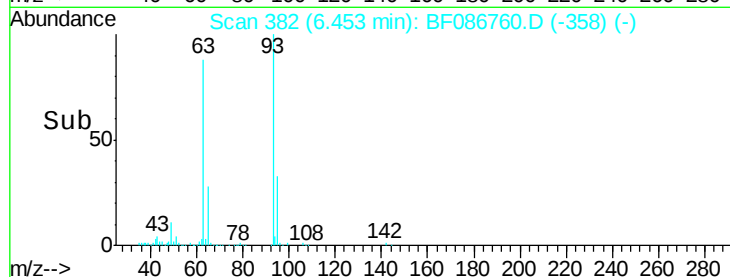
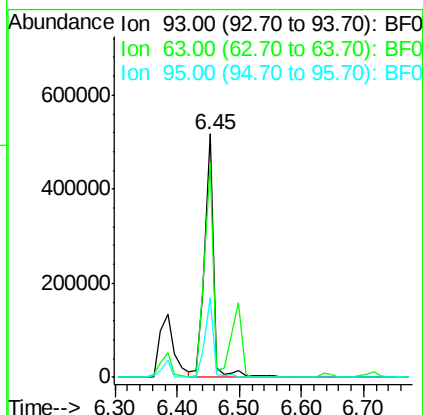
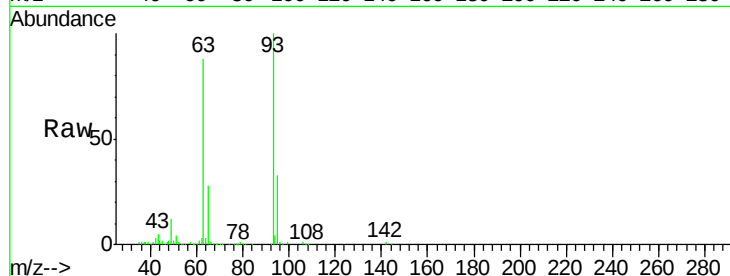




#11
bis(2-Chloroethyl)ether
Concen: 39.49 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

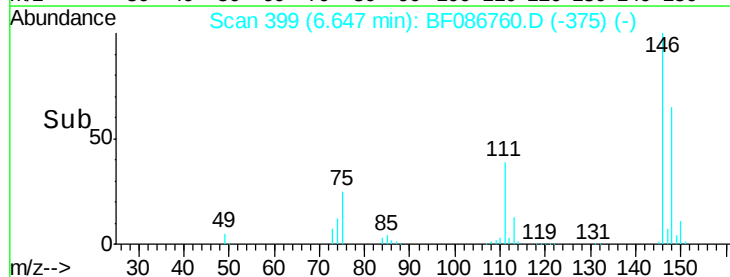
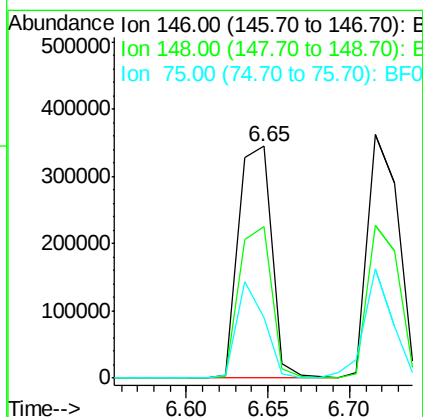
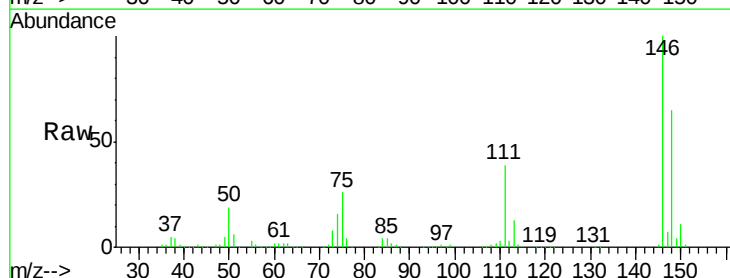
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

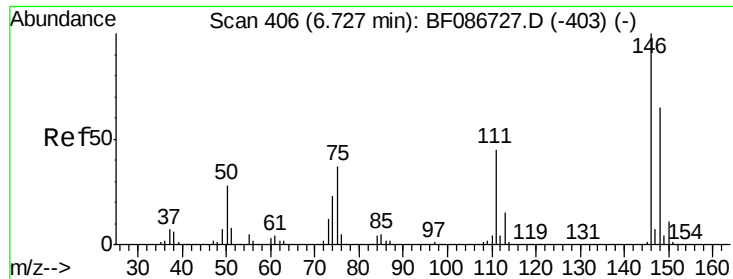
Tgt Ion: 93 Resp: 526309
Ion Ratio Lower Upper
93 100
63 87.9 58.0 98.0
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.26 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion: 146 Resp: 485434
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
75 26.2 22.8 34.2

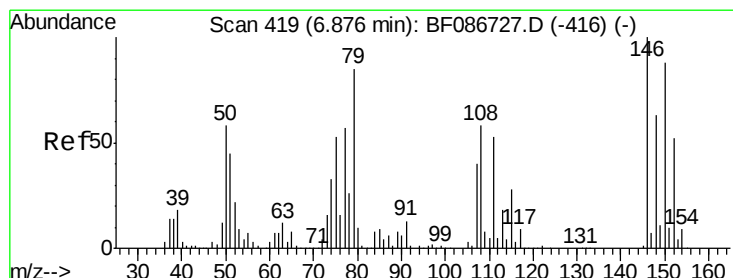
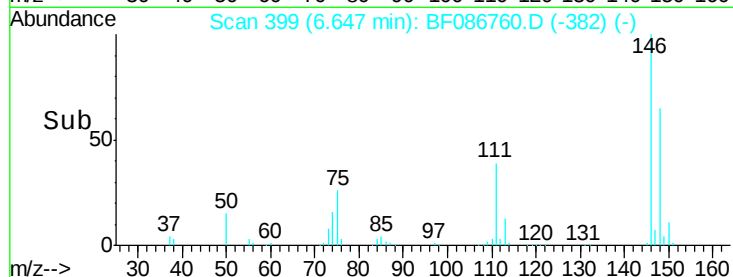
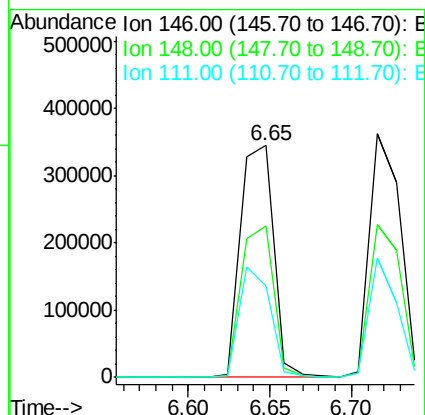
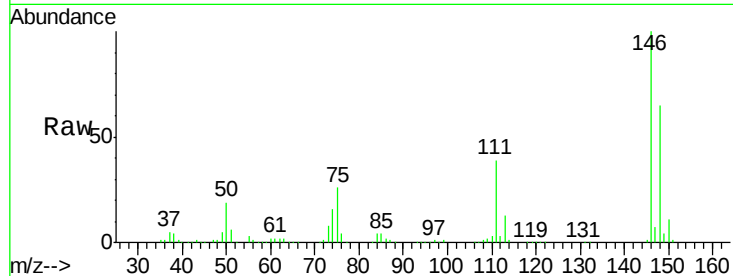




#13
 1,4-Dichlorobenzene
 Concen: 35.07 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.10 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

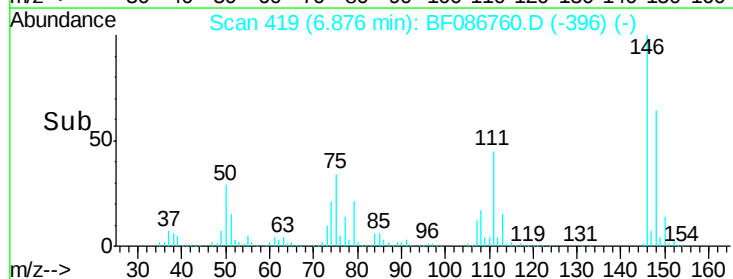
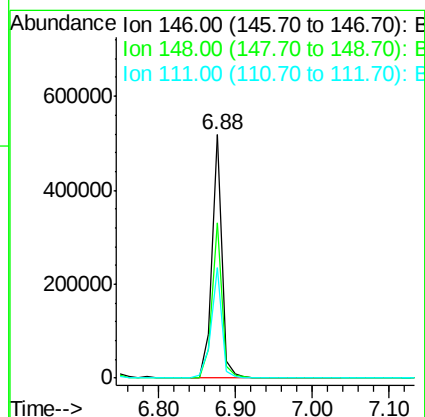
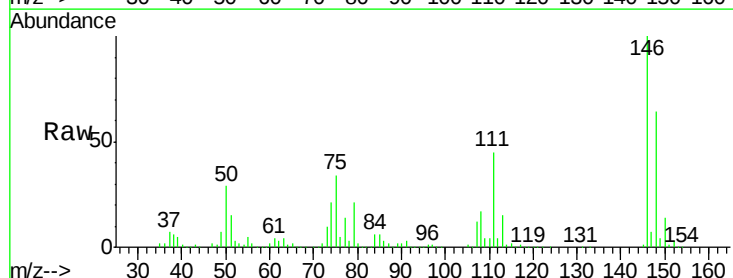
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

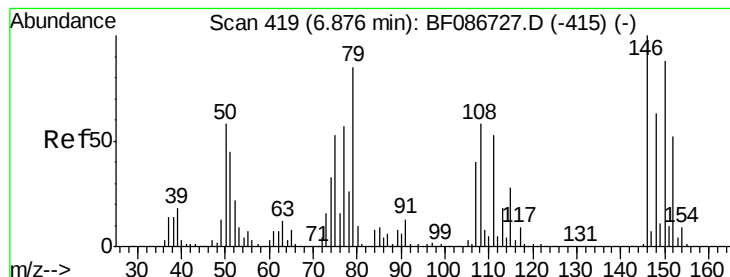
Tgt Ion:146 Resp: 485434
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.4
 111 39.3 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.23 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:146 Resp: 460800
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 45.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.98 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

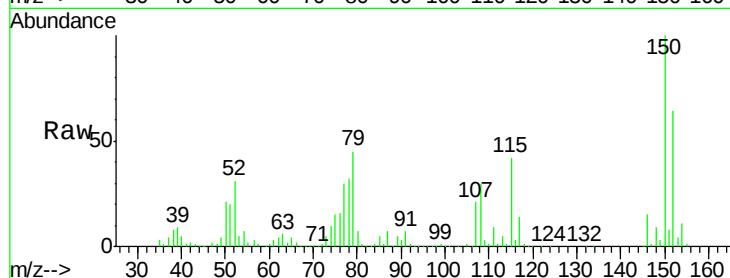
Tgt Ion: 79 Resp: 384379

Ion Ratio Lower Upper

79 100

108 67.7 68.4 102.6#

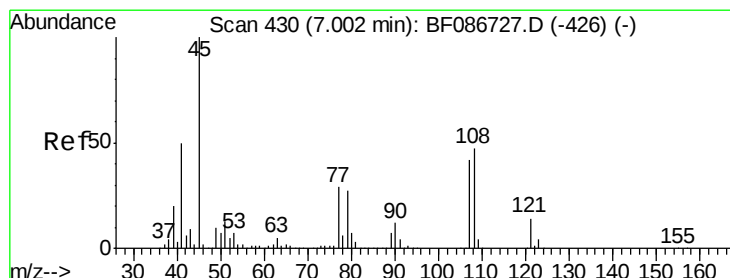
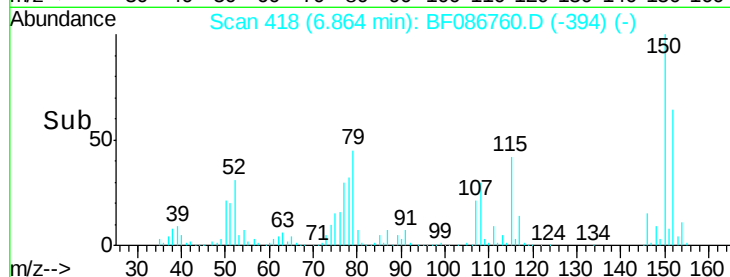
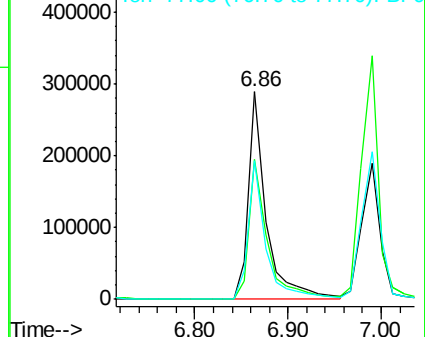
77 66.7 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.79 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

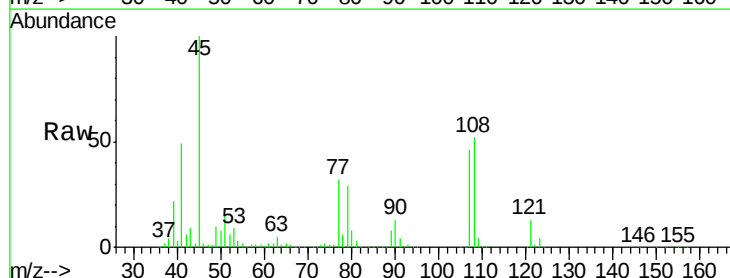
Tgt Ion: 45 Resp: 975130

Ion Ratio Lower Upper

45 100

77 31.8 0.0 36.4

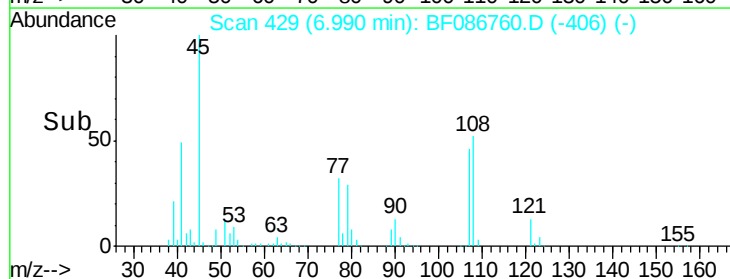
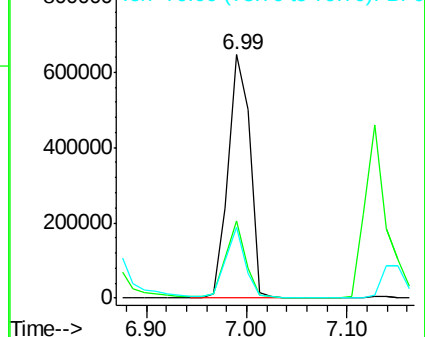
79 29.3 0.0 33.4

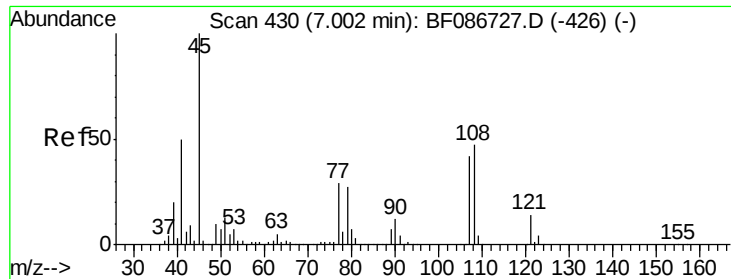


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

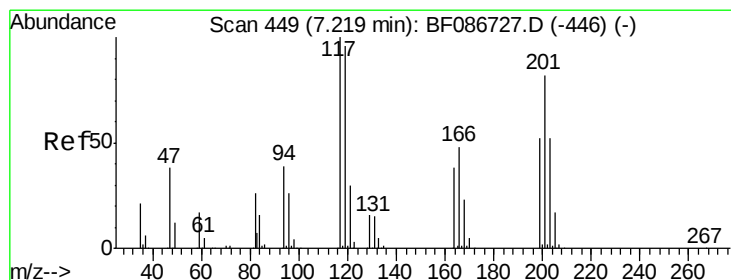
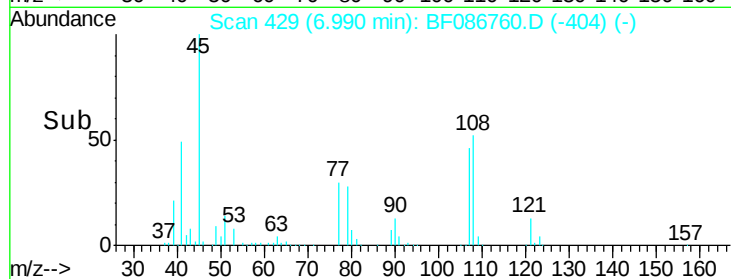
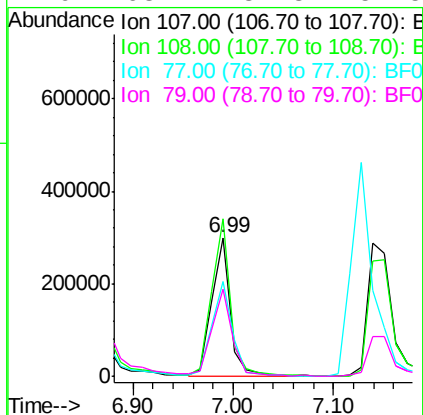
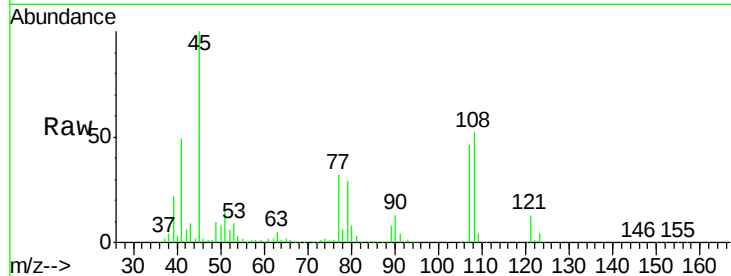




#17
2-Methylphenol
Concen: 37.34 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

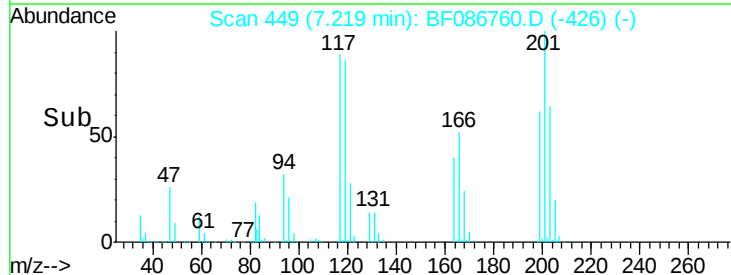
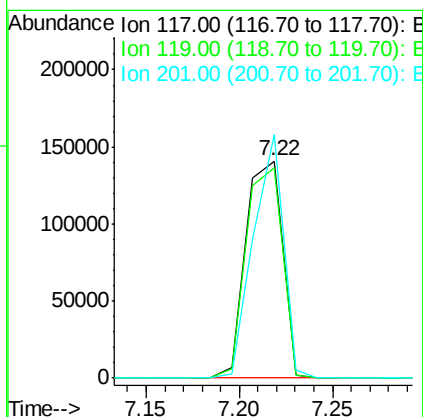
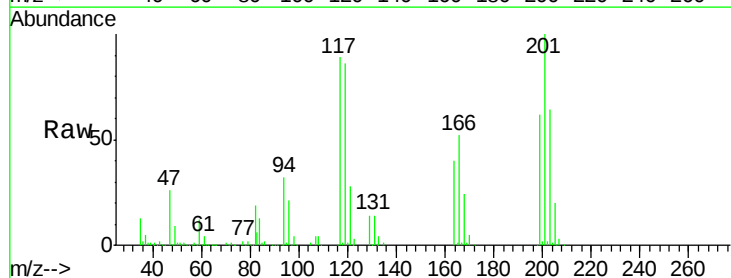
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

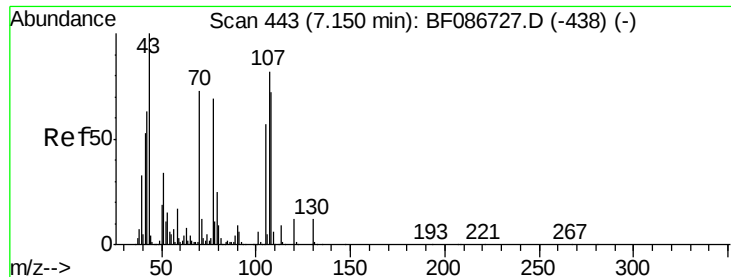
Tgt Ion:107 Resp: 379036
Ion Ratio Lower Upper
107 100
108 113.1 93.7 140.5
77 68.5 33.4 50.0#
79 63.2 34.3 51.5#



#18
Hexachloroethane
Concen: 36.76 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:117 Resp: 192094
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
201 112.0 63.0 94.6#

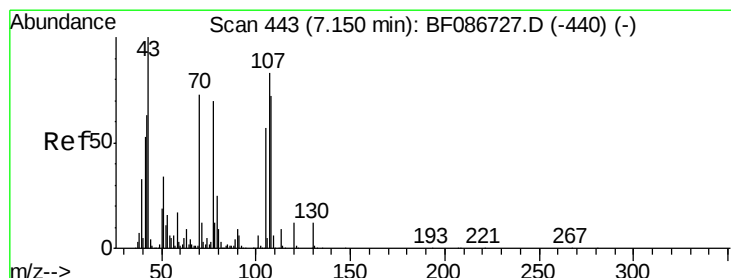
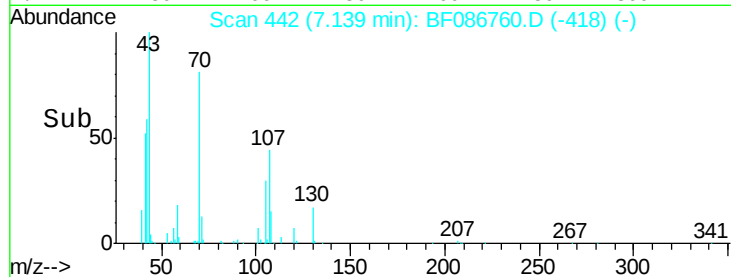
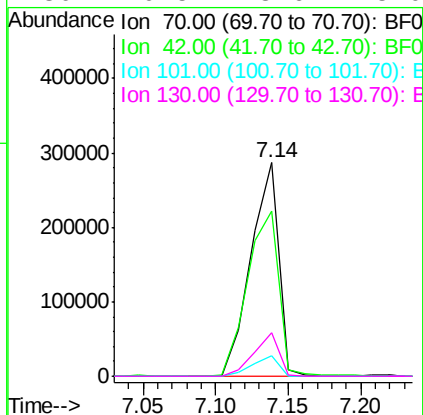
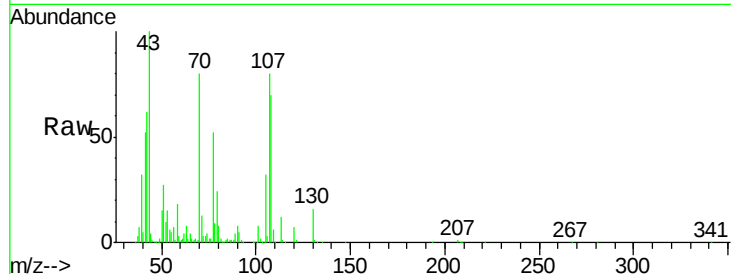




#19
n-Nitroso-di-n-propylamine
Concen: 39.60 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

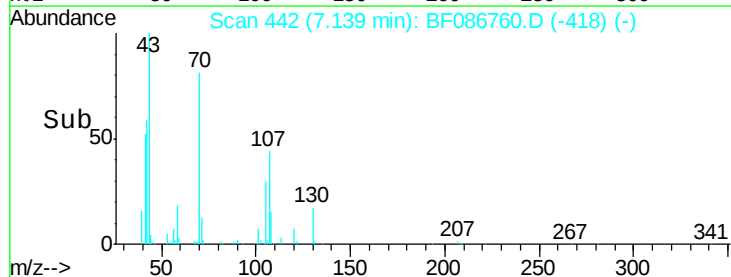
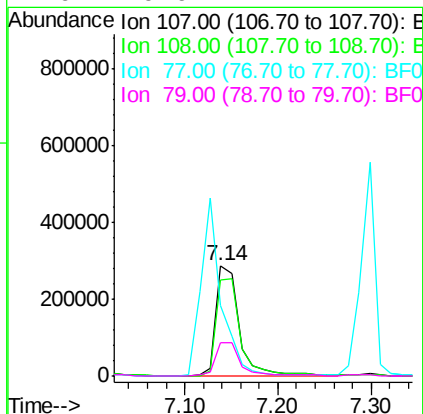
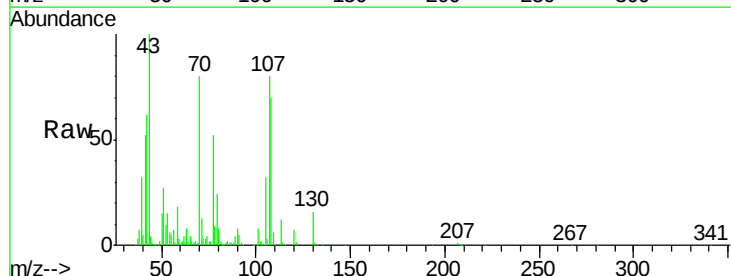
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

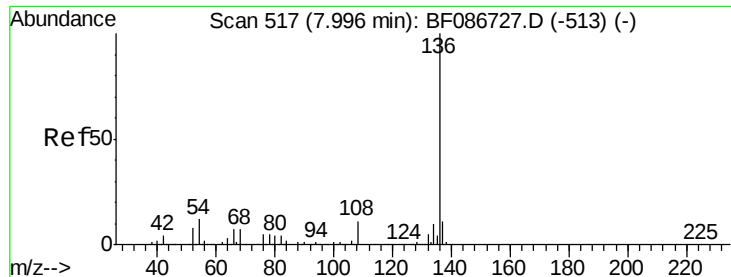
Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.2	43.1	64.7#
101	9.4	8.1	12.1
130	20.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 41.25 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.5	108.5
77	64.2	101.6	141.6#
79	29.9	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: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

Tgt Ion:136 Resp: 725877

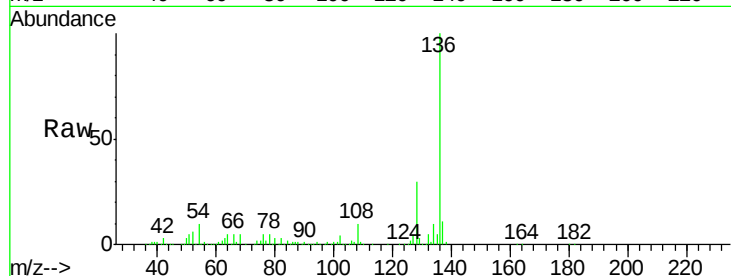
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.8 5.0 7.4#

68 5.4 4.4 6.6

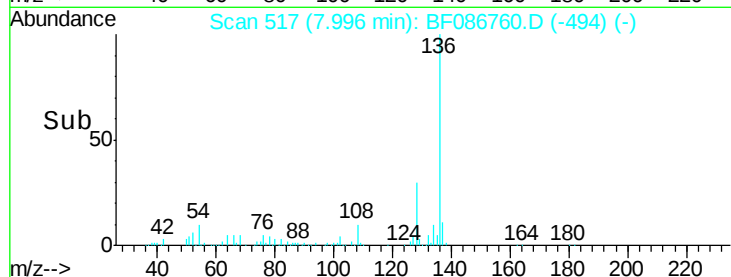


Abundance Ion 136.00 (135.70 to 136.70): E

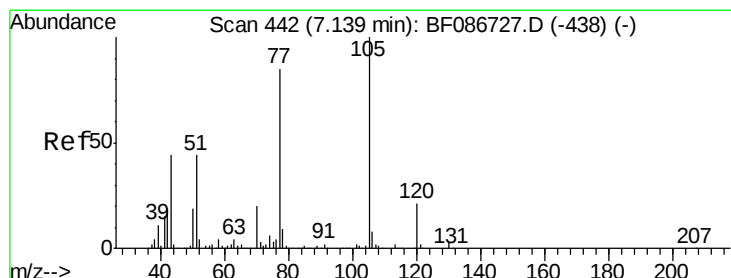
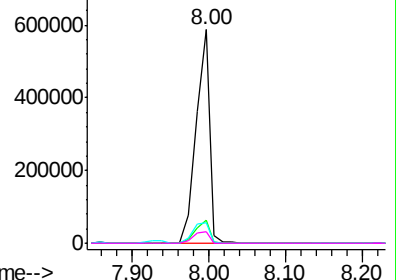
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.24 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Tgt Ion:105 Resp: 663772

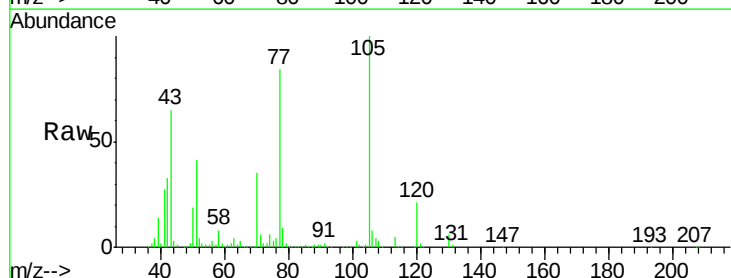
Ion Ratio Lower Upper

105 100

71 6.1 4.8 7.2

51 41.2 32.6 49.0

120 21.0 16.5 24.7

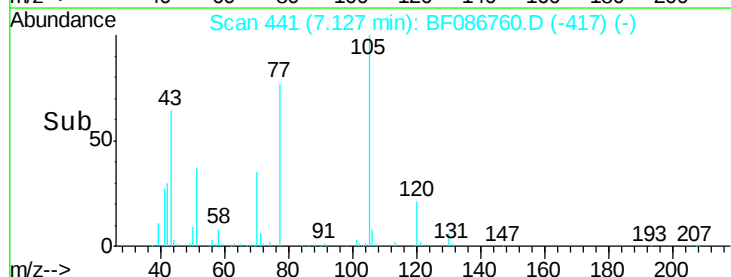


Abundance Ion 105.00 (104.70 to 105.70): E

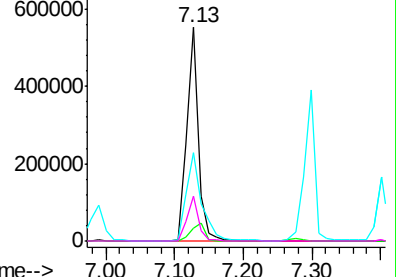
Ion 71.00 (70.70 to 71.70): BF0

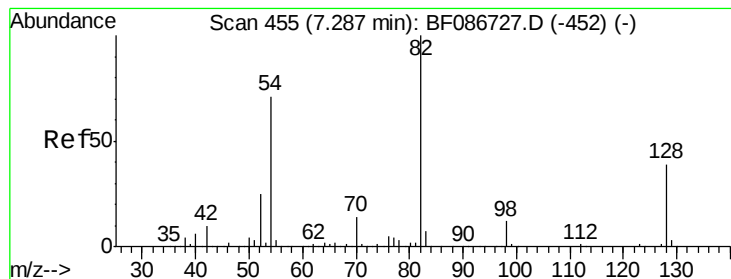
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 72.73 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

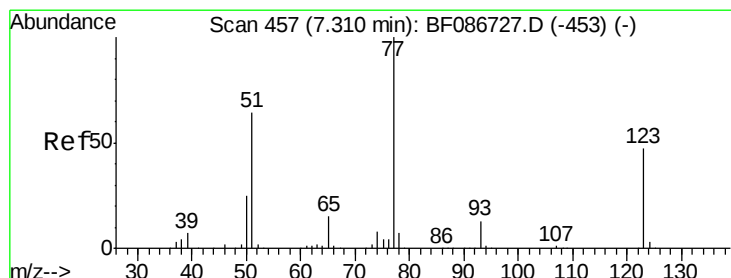
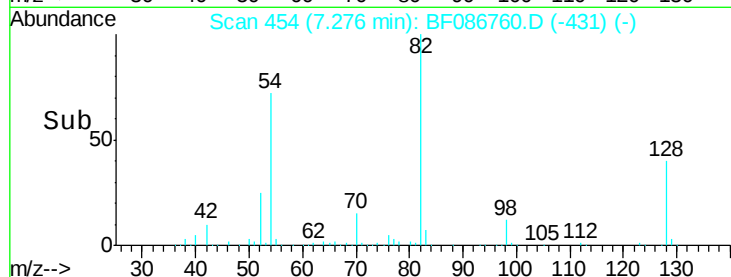
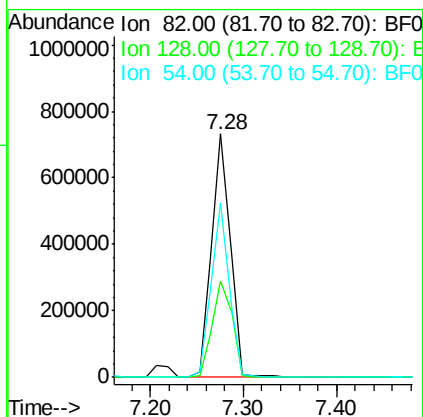
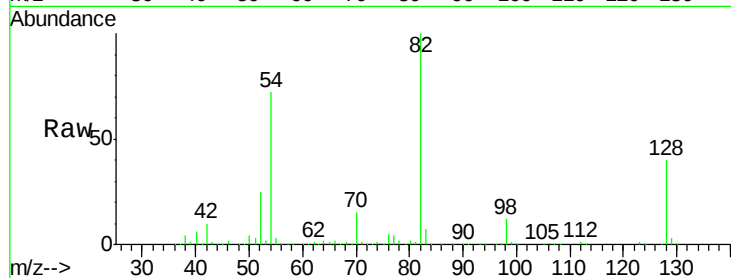
Tgt Ion: 82 Resp: 1027363

Ion Ratio Lower Upper

82 100

128 39.6 40.6 61.0#

54 71.9 38.1 57.1#



#24

Nitrobenzene

Concen: 39.15 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

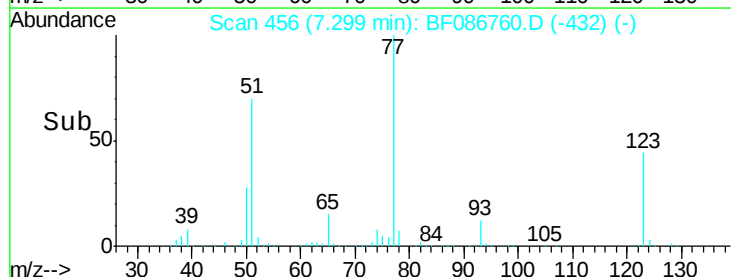
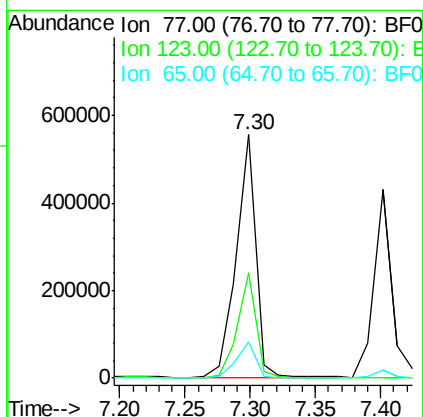
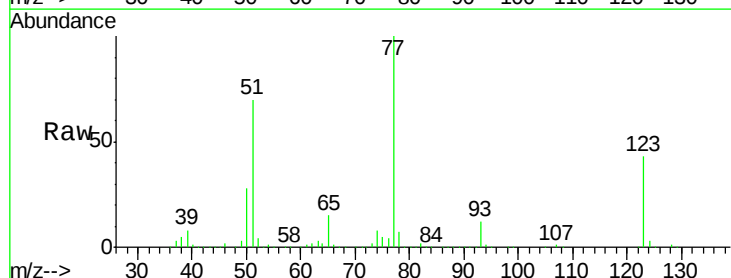
Tgt Ion: 77 Resp: 571782

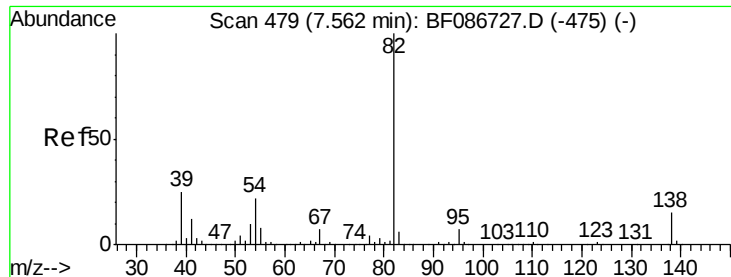
Ion Ratio Lower Upper

77 100

123 43.2 33.0 49.4

65 15.0 10.8 16.2

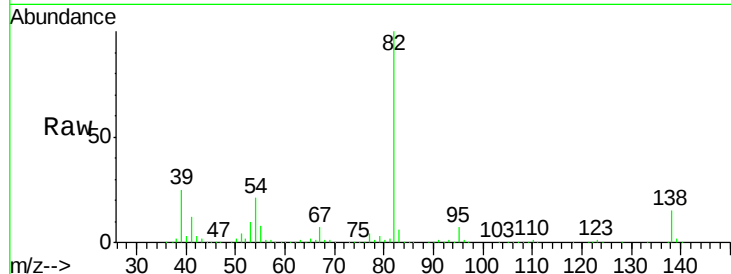




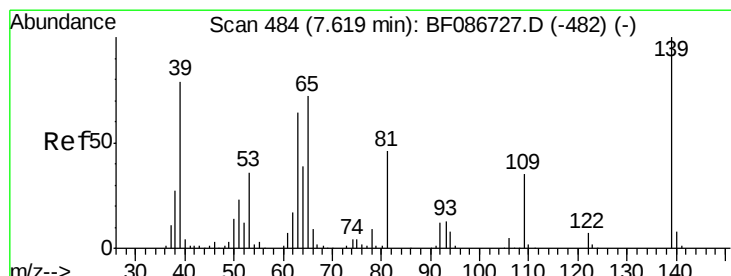
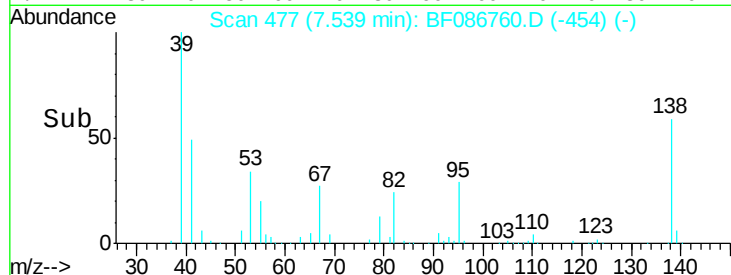
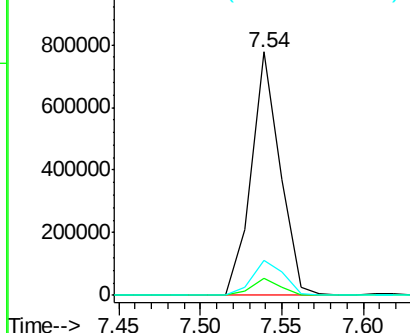
#25
Isophorone
Concen: 36.23 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

Tgt Ion: 82 Resp: 953175
Ion Ratio Lower Upper
82 100
95 7.2 5.1 7.7
138 14.6 12.4 18.6

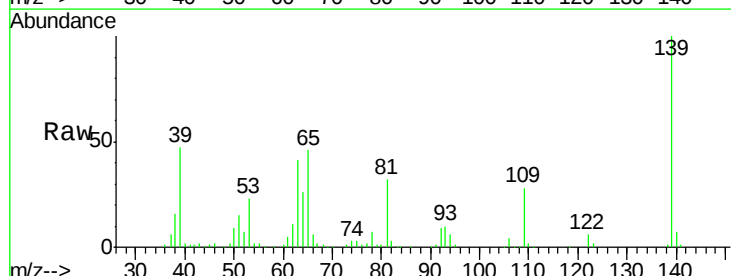


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

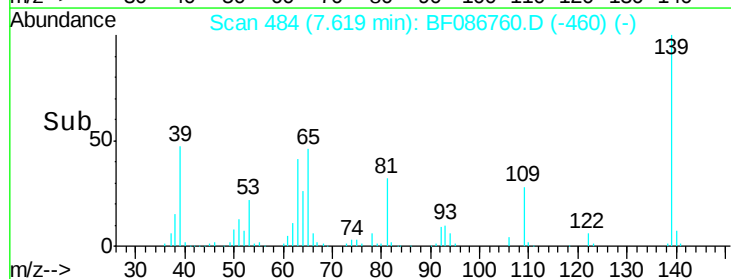
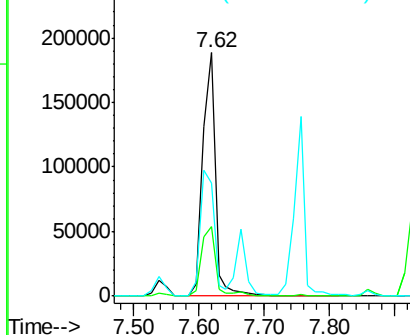


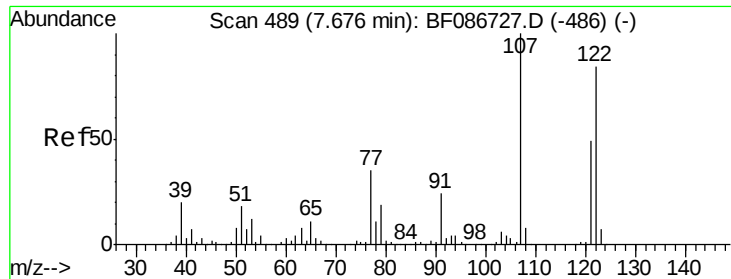
#26
2-Nitrophenol
Concen: 38.87 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion: 139 Resp: 253291
Ion Ratio Lower Upper
139 100
109 28.5 19.5 29.3
65 46.5 37.5 56.3



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

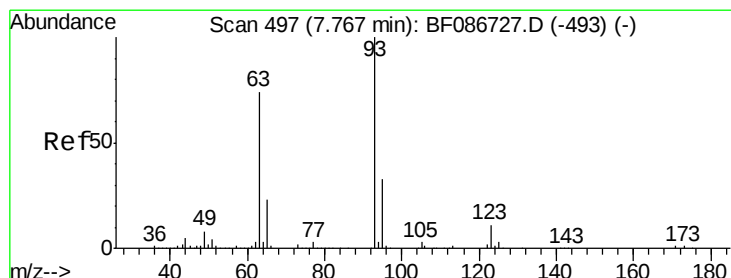
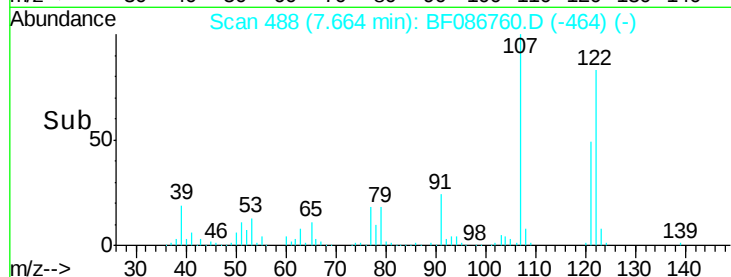
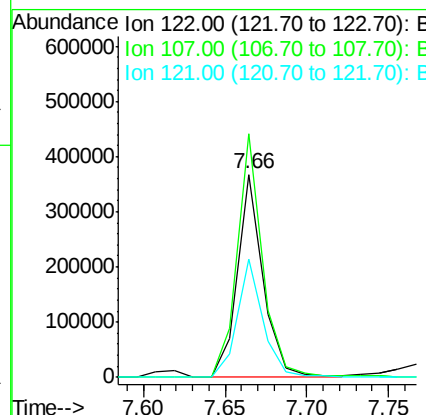
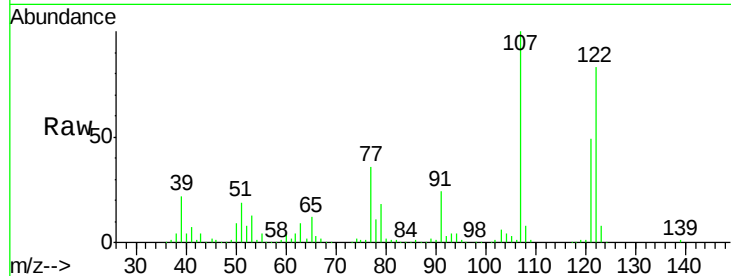




#27
 2,4-Dimethylphenol
 Concen: 34.48 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.02 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

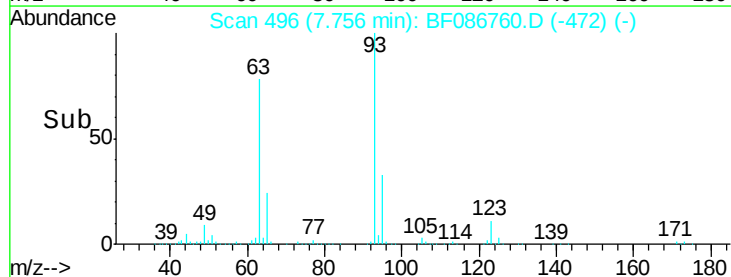
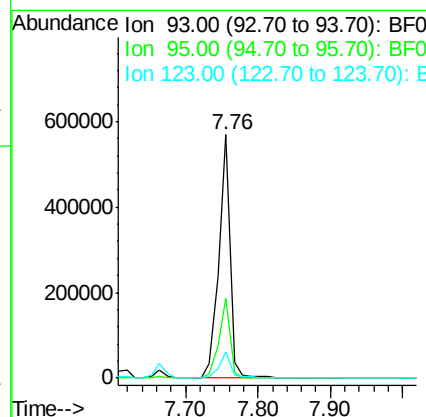
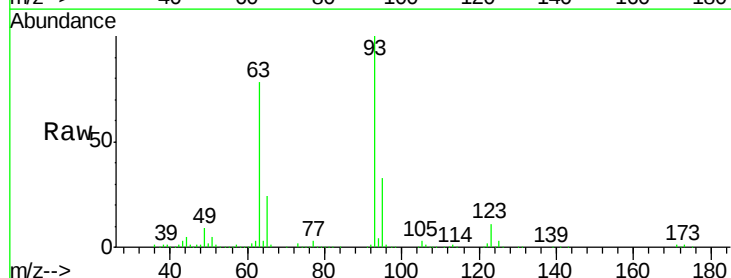
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

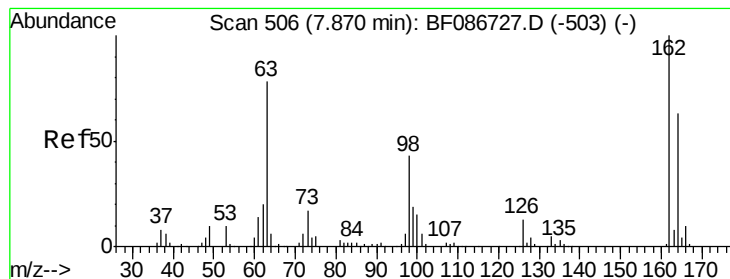
Tgt Ion:122 Resp: 394525
 Ion Ratio Lower Upper
 122 100
 107 120.1 82.0 123.0
 121 58.5 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.43 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion: 93 Resp: 614259
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 10.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 38.81 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

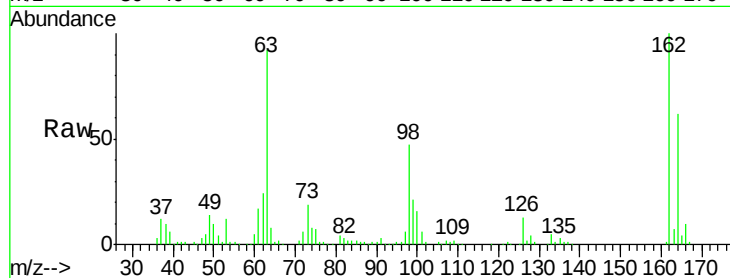
Tgt Ion:162 Resp: 381753

Ion Ratio Lower Upper

162 100

164 62.2 42.2 82.2

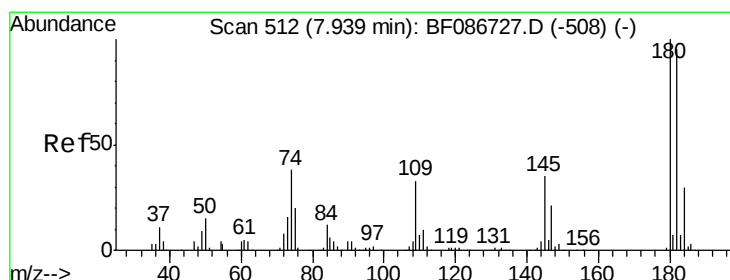
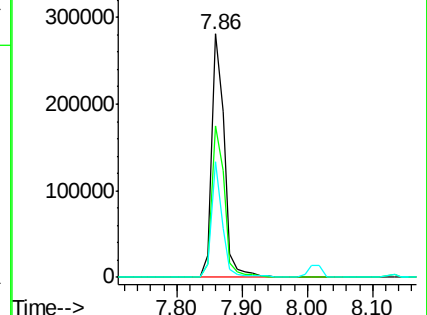
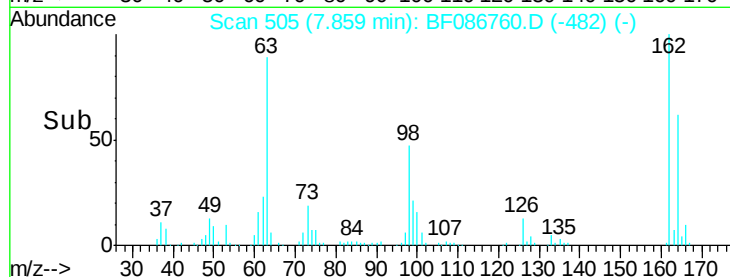
98 47.5 19.0 59.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.53 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

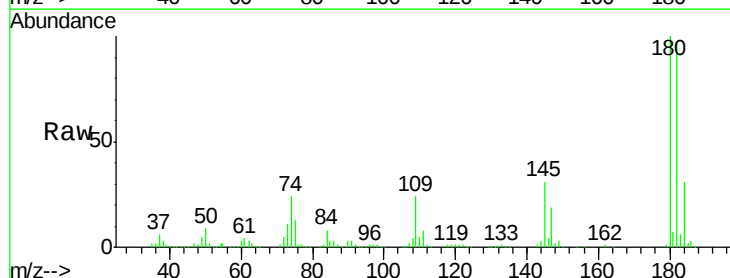
Tgt Ion:180 Resp: 422892

Ion Ratio Lower Upper

180 100

182 96.7 78.0 117.0

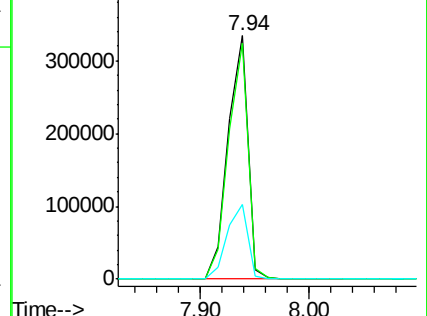
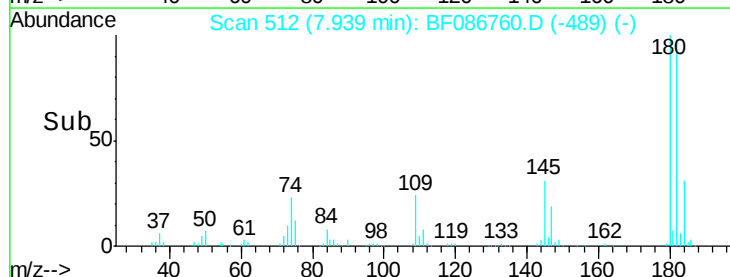
145 30.7 24.2 36.2

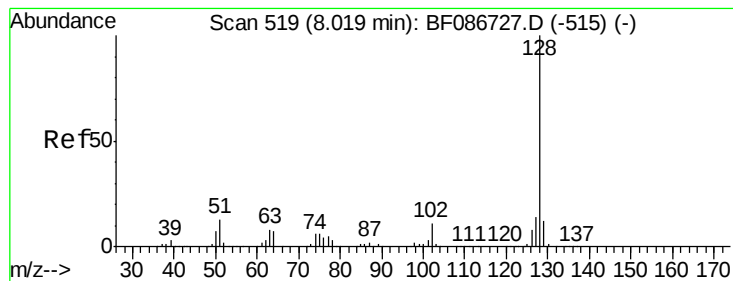


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.33 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

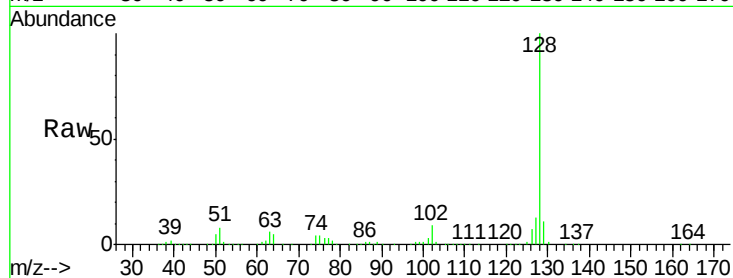
Tgt Ion:128 Resp: 1384509

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

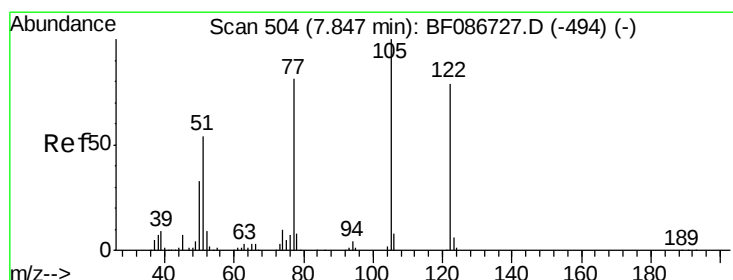
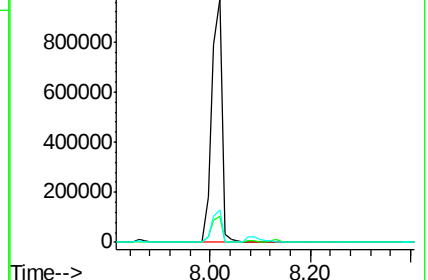
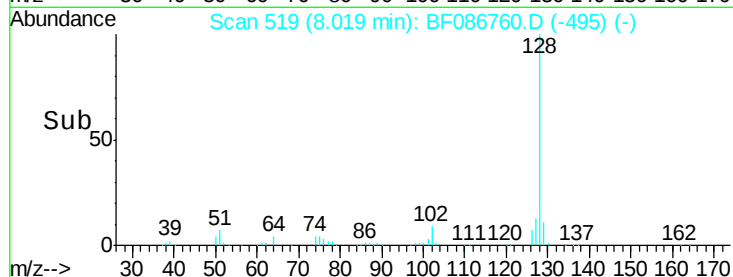
127 13.4 10.8 16.2



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: 28.53 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

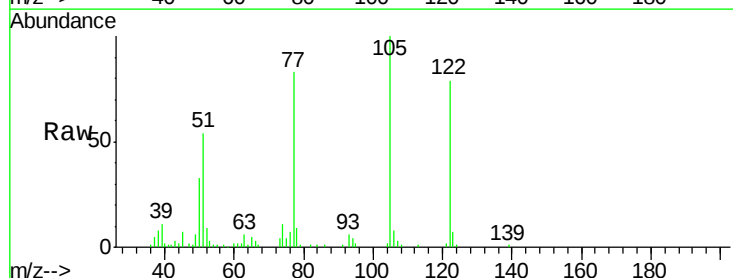
Tgt Ion:122 Resp: 108859

Ion Ratio Lower Upper

122 100

105 126.8 92.6 132.6

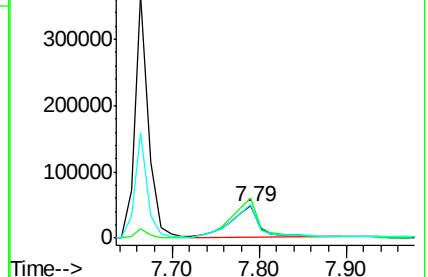
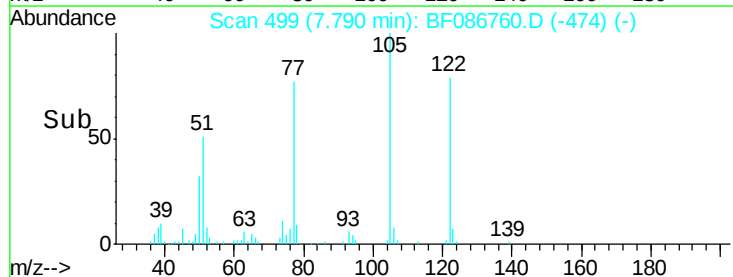
77 104.6 60.0 100.0#

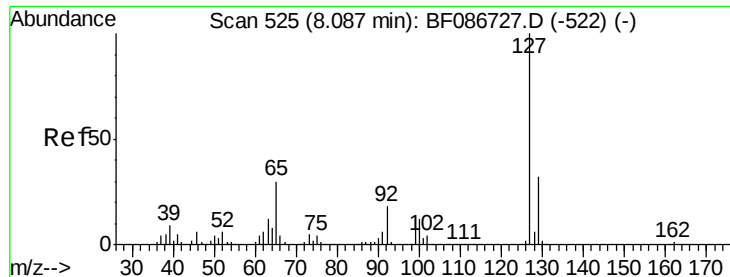


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

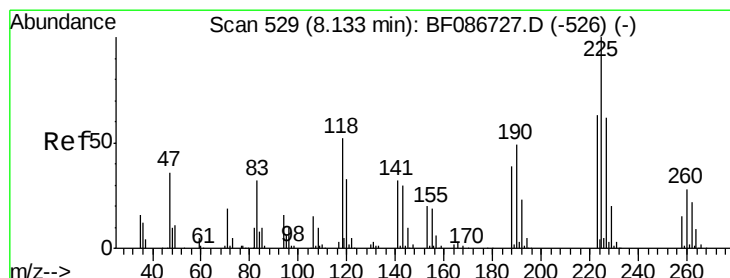
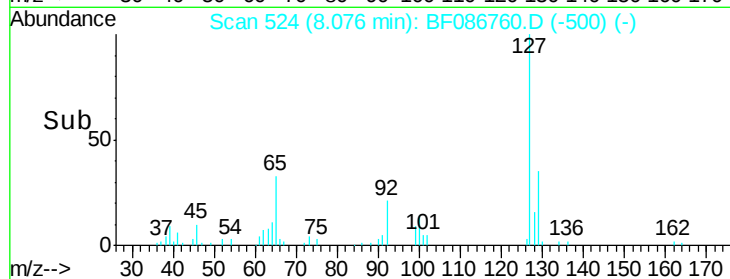
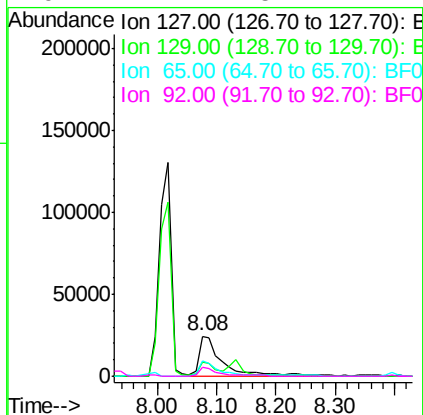
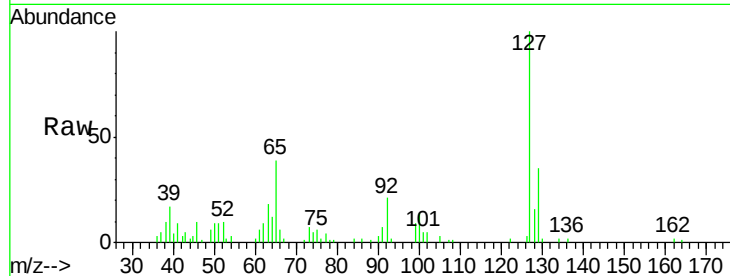




#33
4-Chloroaniline
Concen: 4.49 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

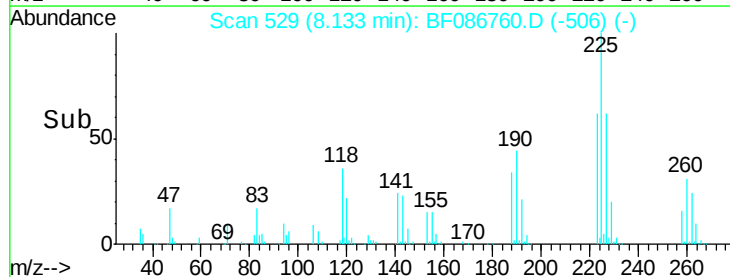
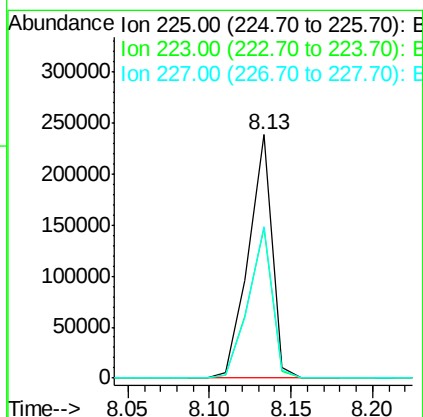
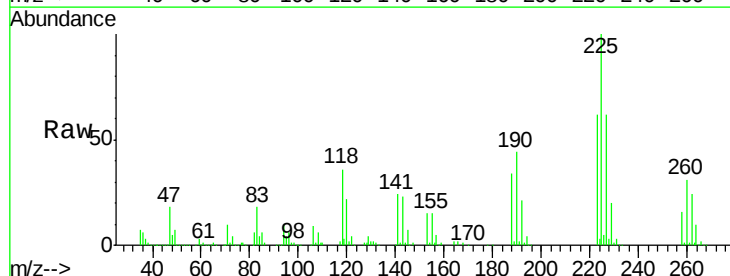
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

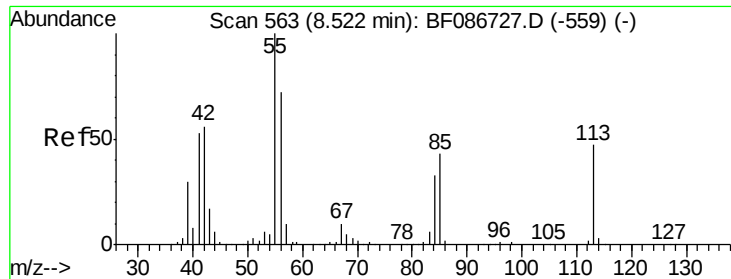
Tgt Ion:	127	Resp:	64448
Ion	Ratio	Lower	Upper
127	100		
129	34.8	26.2	39.4
65	39.5	23.0	34.4#
92	21.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:	225	Resp:	241191
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.5	77.3
227	62.3	52.2	78.2

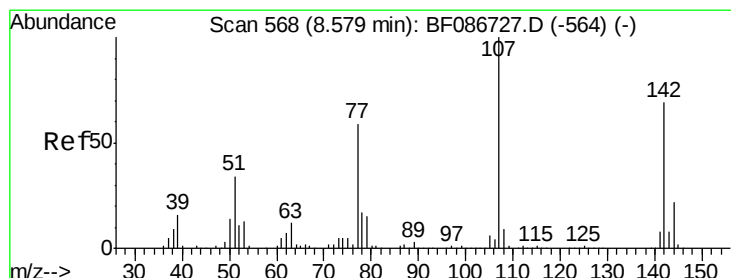
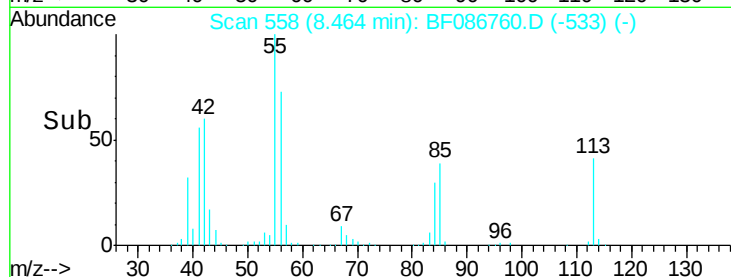
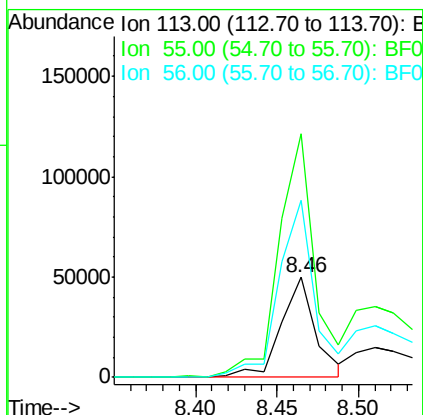
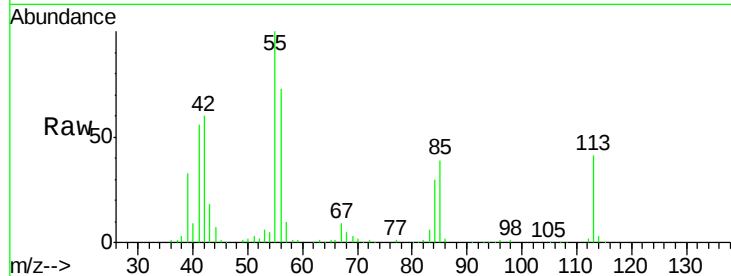




#35
 Caprolactam
 Concen: 23.96 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

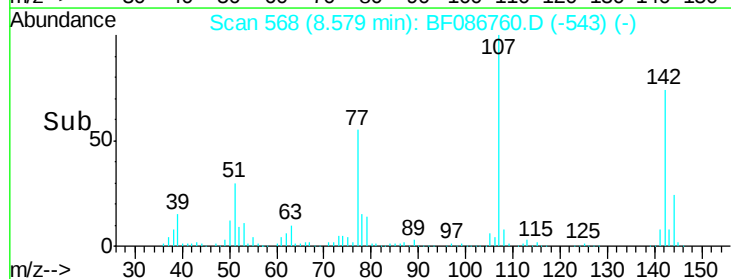
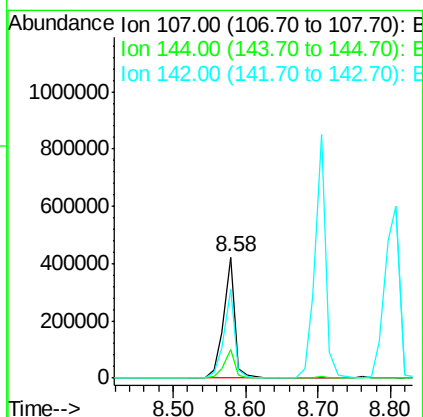
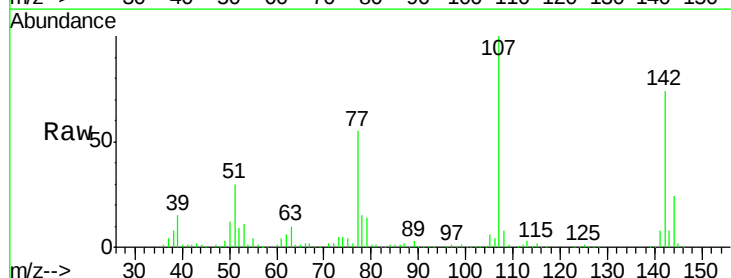
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

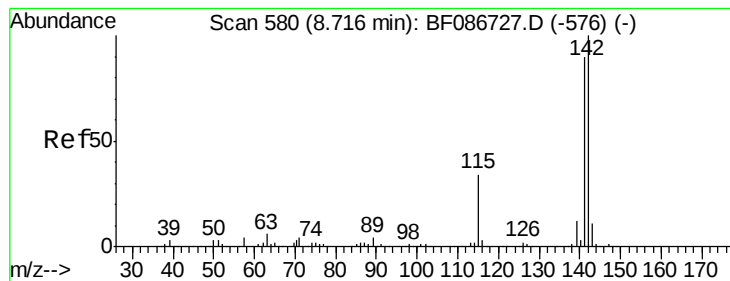
Tgt Ion:113 Resp: 72945
 Ion Ratio Lower Upper
 113 100
 55 243.6 162.0 202.0#
 56 177.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 40.88 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:107 Resp: 458822
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.7 31.1
 142 73.9 63.2 94.8





#37

2-Methylnaphthalene

Concen: 39.90 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

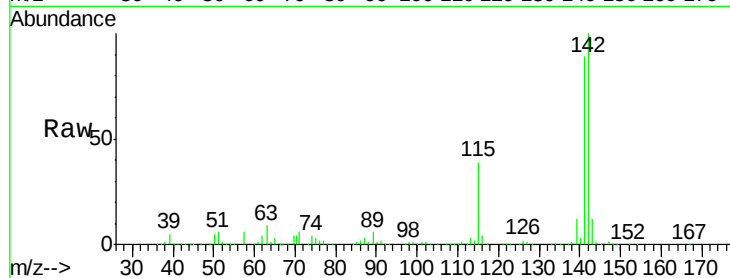
Tgt Ion:142 Resp: 873023

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

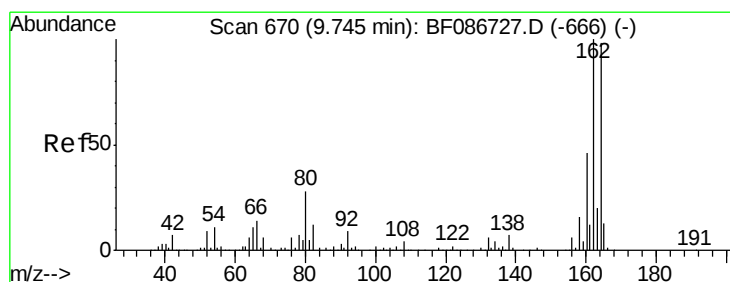
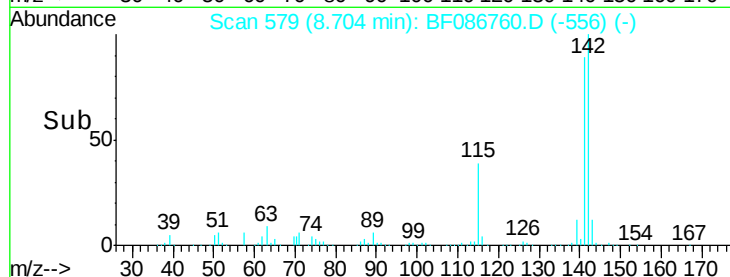
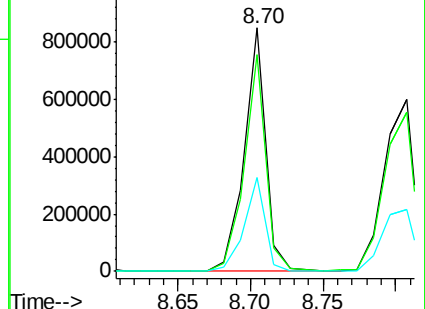
115 38.5 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

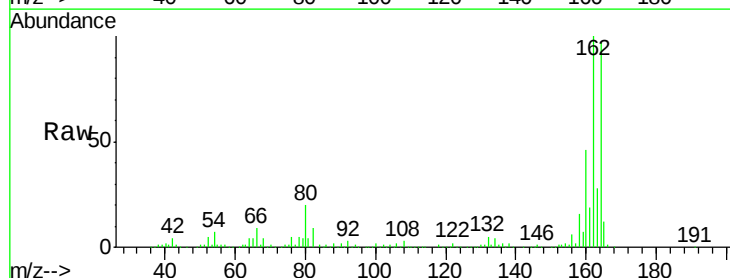
Tgt Ion:164 Resp: 337718

Ion Ratio Lower Upper

164 100

162 103.5 82.8 124.2

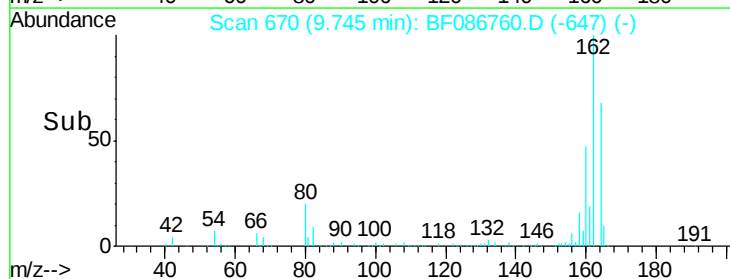
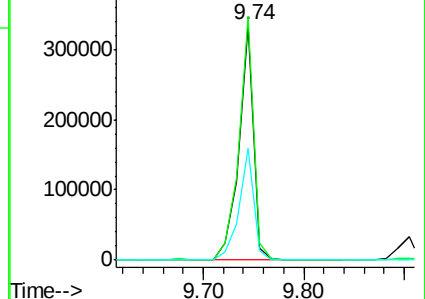
160 47.8 36.9 55.3

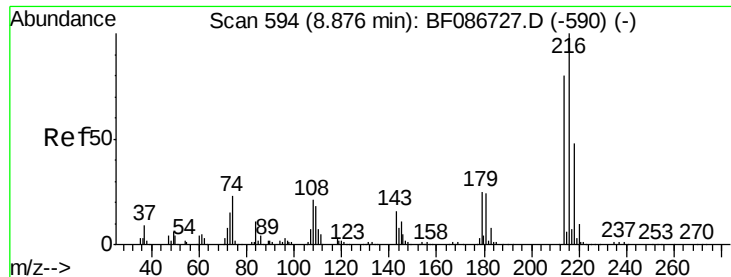


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

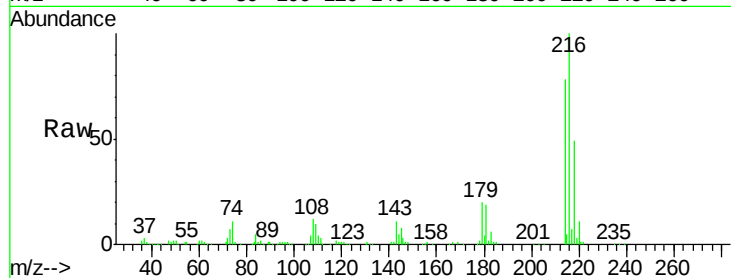




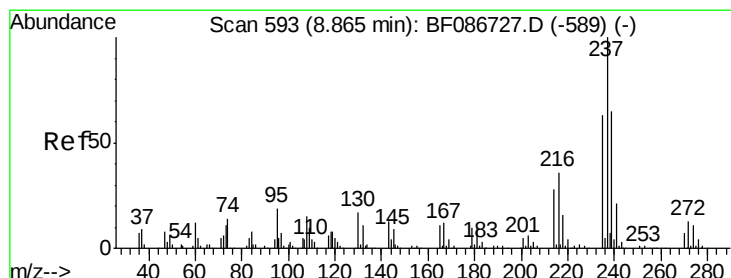
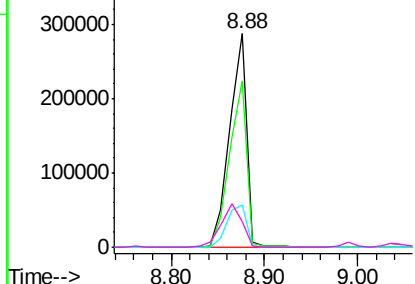
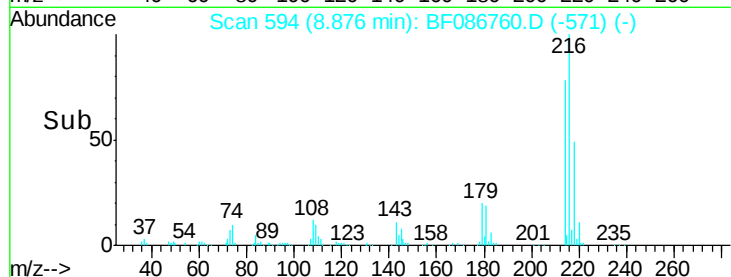
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.81 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Tgt Ion:	216	Resp:	369603
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	93.8
179	22.9	18.2	27.4
108	24.8	17.5	26.3

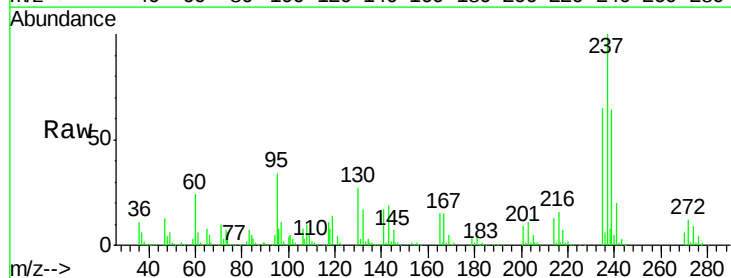


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

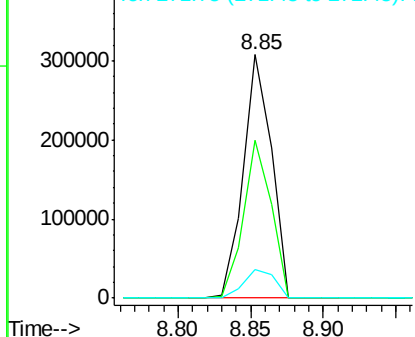
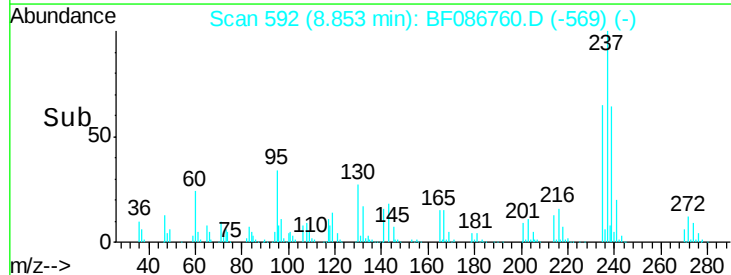


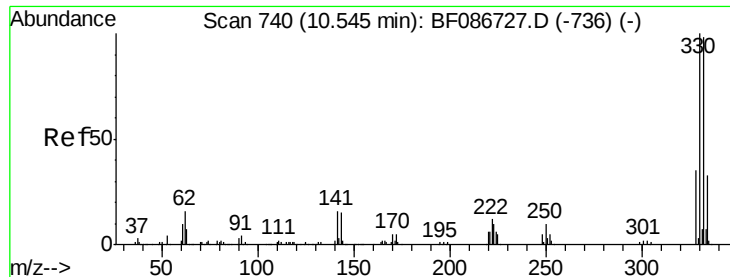
#40
 Hexachlorocyclopentadiene
 Concen: 90.98 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:	237	Resp:	414039
Ion	Ratio	Lower	Upper
237	100		
235	64.9	47.2	87.2
272	11.9	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

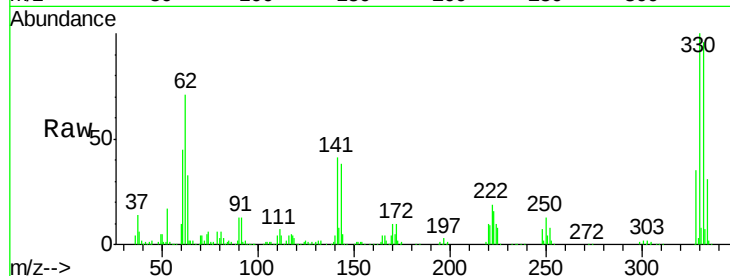




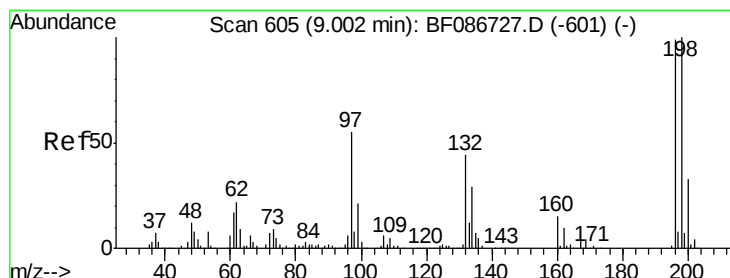
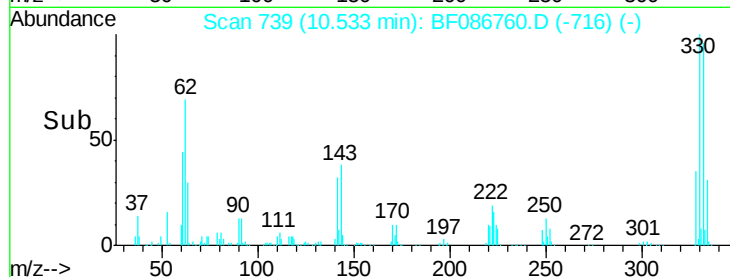
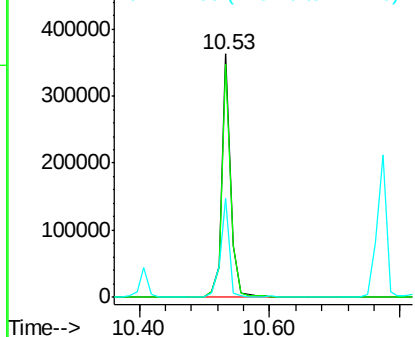
#41
 2,4,6-Tribromophenol
 Concen: 107.15 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Tgt Ion:330 Resp: 353974
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 40.7 31.2 46.8

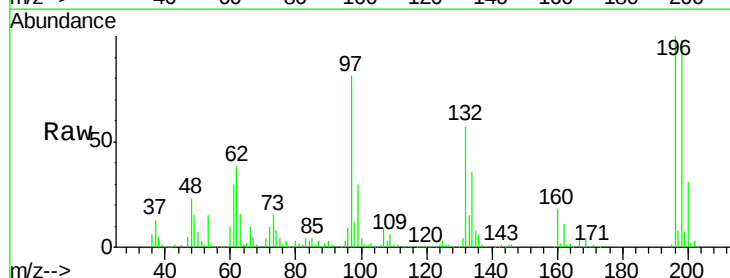


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

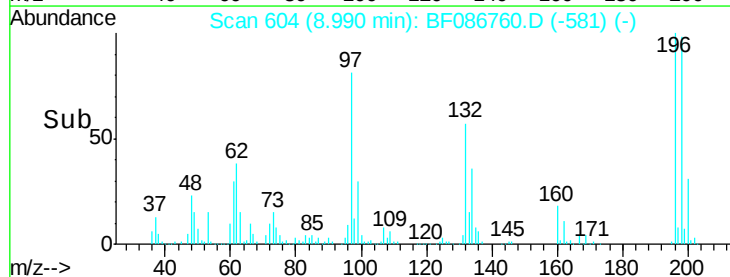
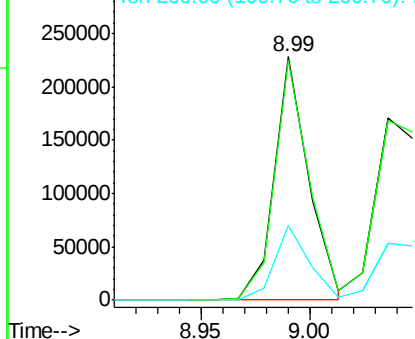


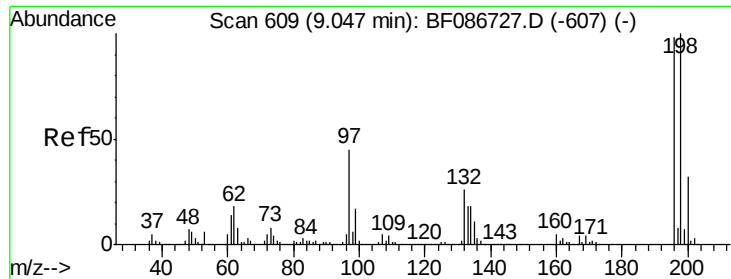
#42
 2,4,6-Trichlorophenol
 Concen: 40.64 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:196 Resp: 252635
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.7 112.1
 200 30.6 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

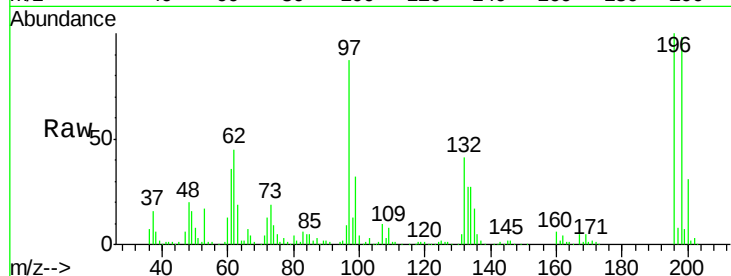




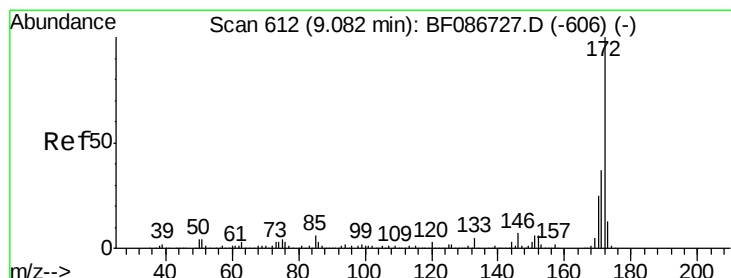
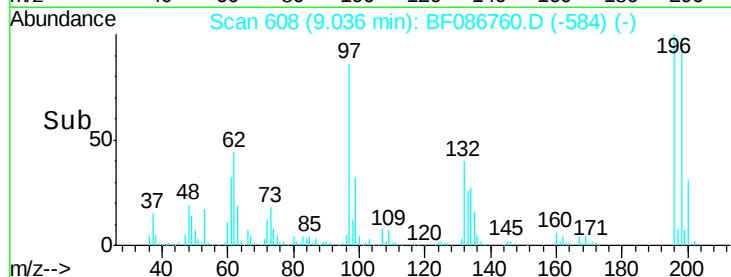
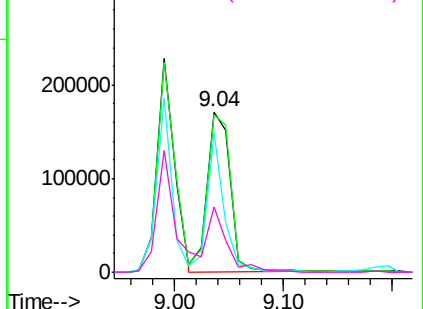
#43
 2,4,5-Trichlorophenol
 Concen: 39.19 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Tgt Ion:196 Resp: 254487
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.5 116.3
 97 86.8 34.8 52.2#
 132 40.9 23.0 34.4#

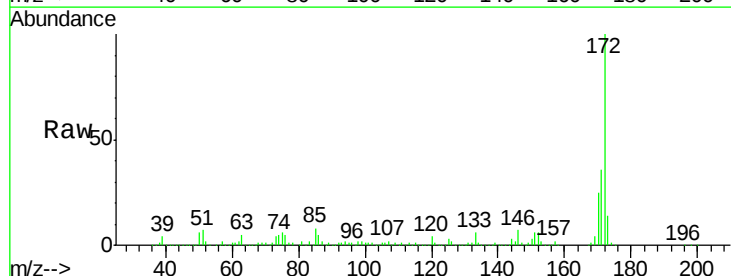


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

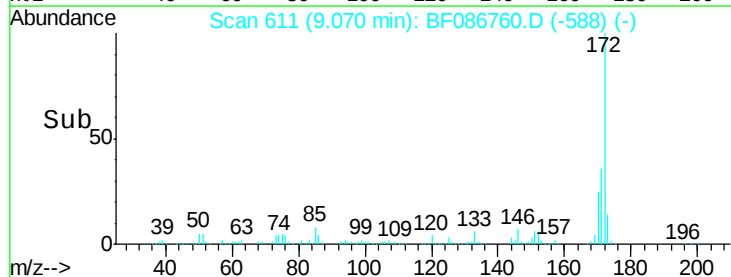
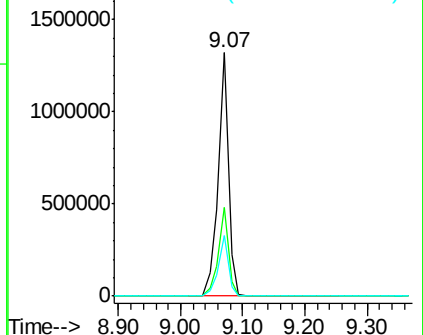


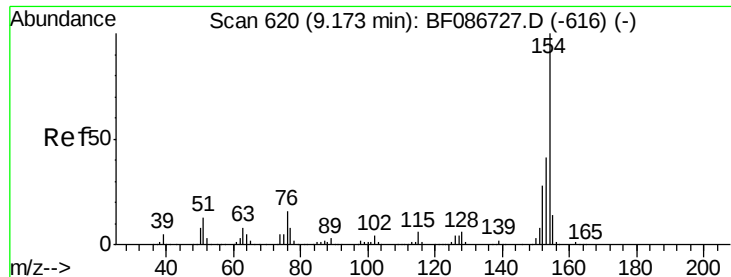
#44
 2-Fluorobiphenyl
 Concen: 71.90 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:172 Resp: 1481270
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 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: 40.99 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

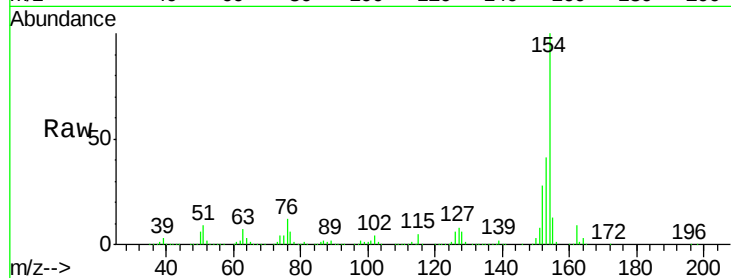
Tgt Ion:154 Resp: 1131818

Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

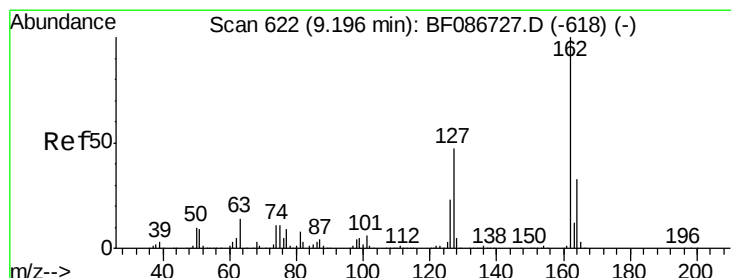
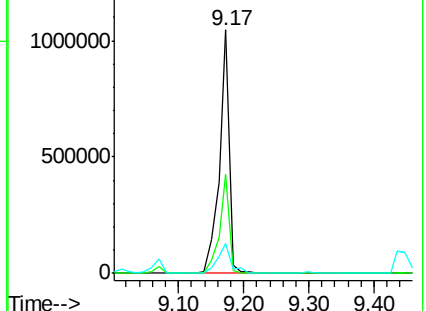
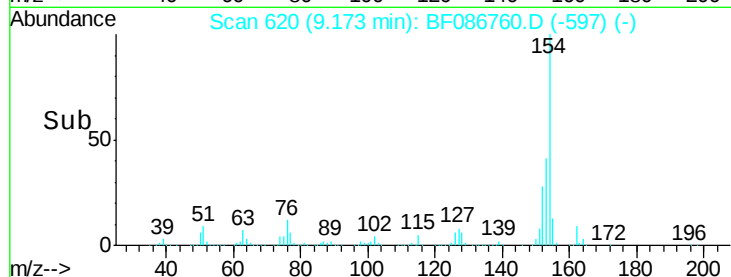
76 12.1 0.0 30.2



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: 39.64 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

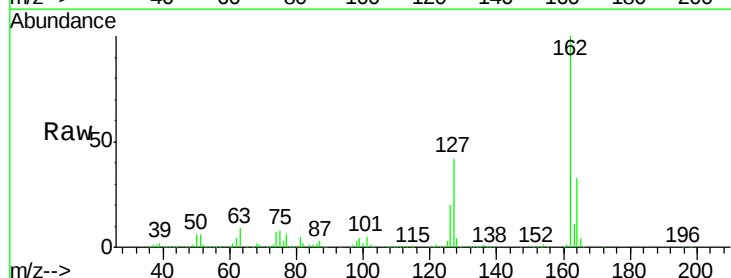
Tgt Ion:162 Resp: 844682

Ion Ratio Lower Upper

162 100

127 41.5 31.8 47.6

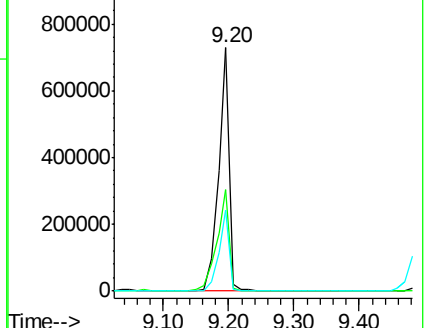
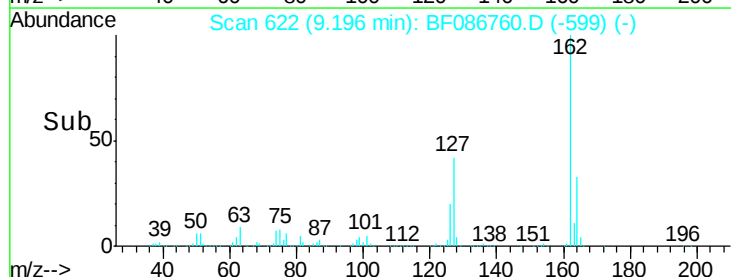
164 33.4 27.0 40.6

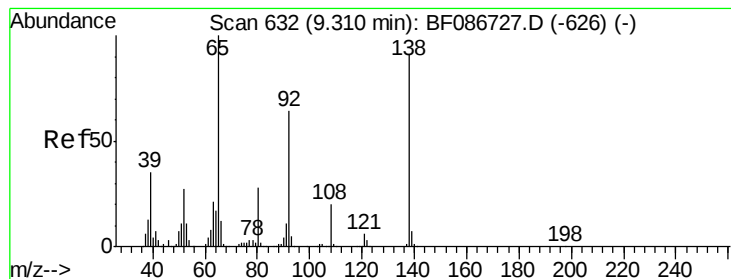


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.63 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

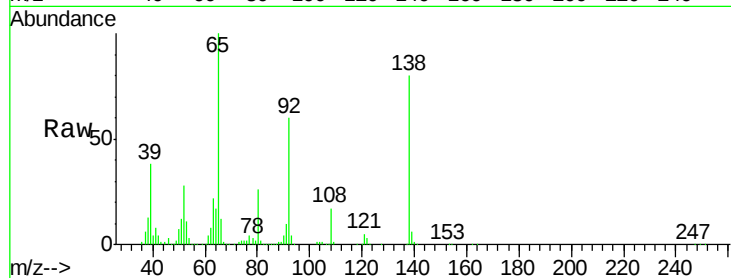
Tgt Ion: 65 Resp: 277476

Ion Ratio Lower Upper

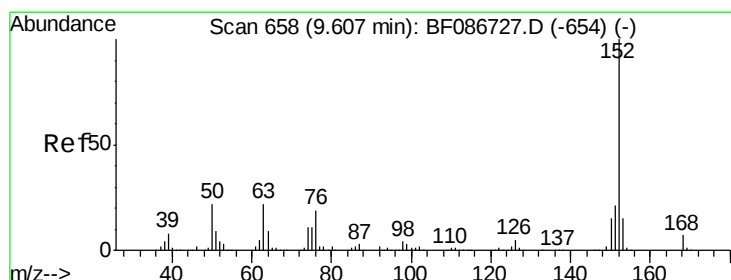
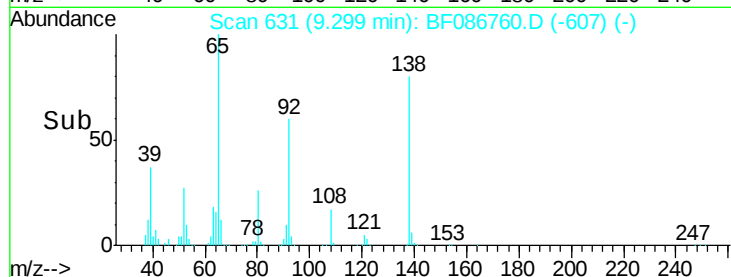
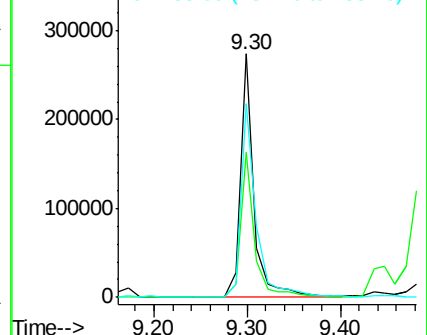
65 100

92 59.8 57.4 86.2

138 79.8 90.1 135.1#



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



#48

Acenaphthylene

Concen: 40.27 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

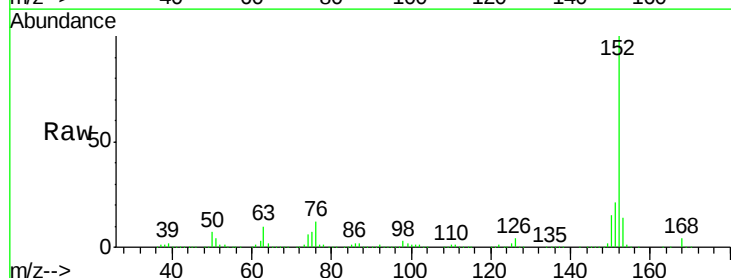
Tgt Ion: 152 Resp: 1273586

Ion Ratio Lower Upper

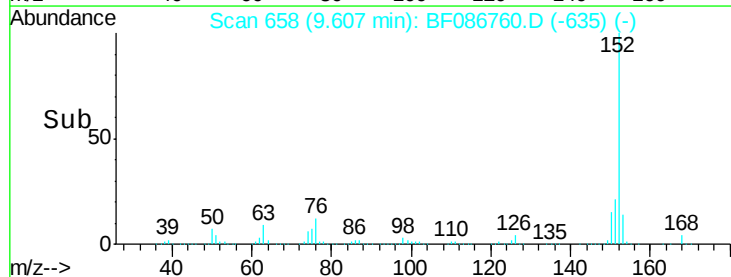
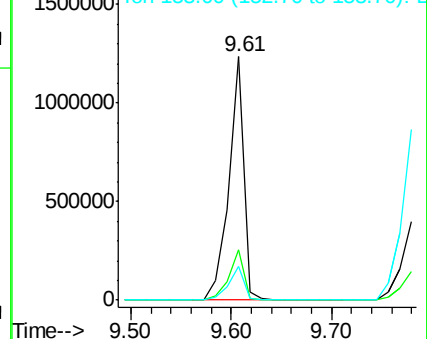
152 100

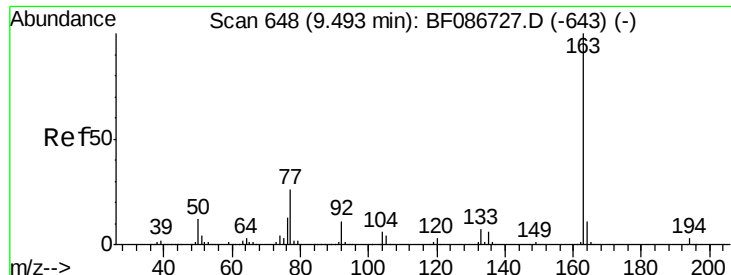
151 20.9 16.8 25.2

153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

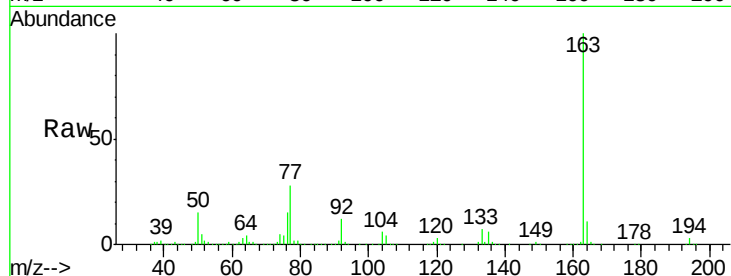




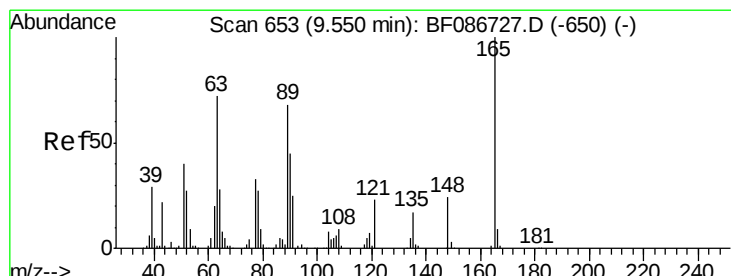
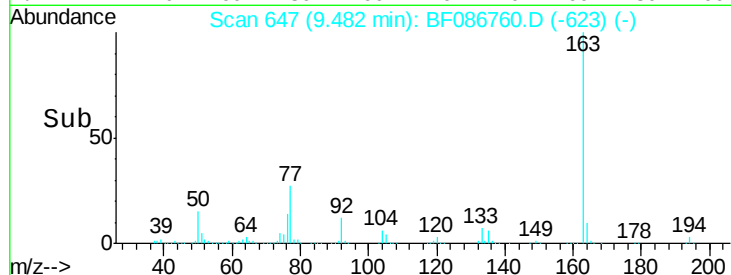
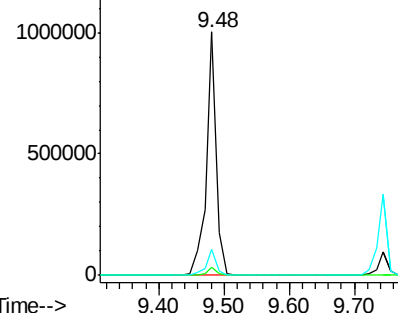
#49
Dimethylphthalate
Concen: 42.99 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

Tgt Ion:163 Resp: 1082450
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4

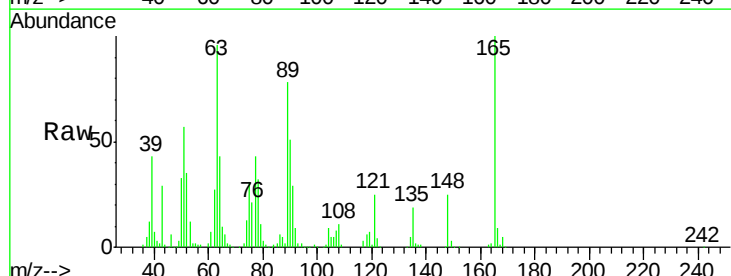


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

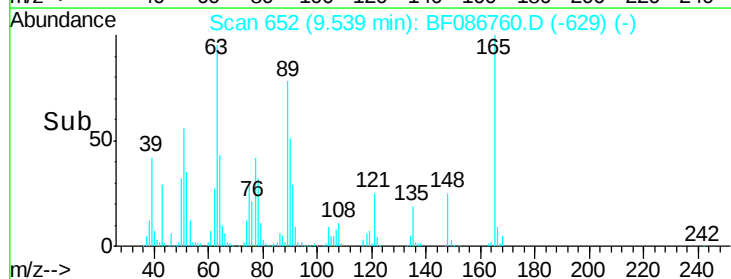
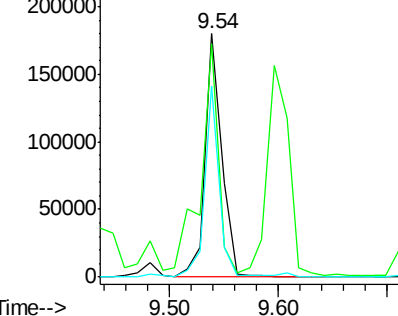


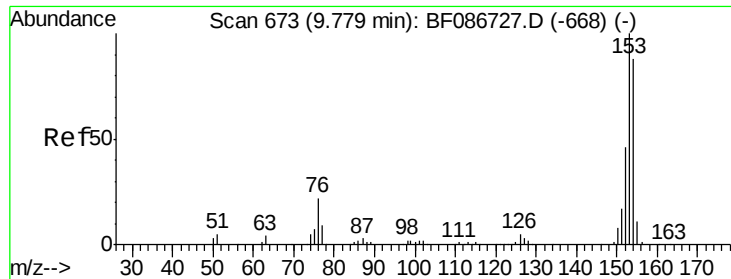
#50
2,6-Dinitrotoluene
Concen: 36.00 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:165 Resp: 194517
Ion Ratio Lower Upper
165 100
63 95.8 51.8 77.8#
89 78.4 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: 38.17 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

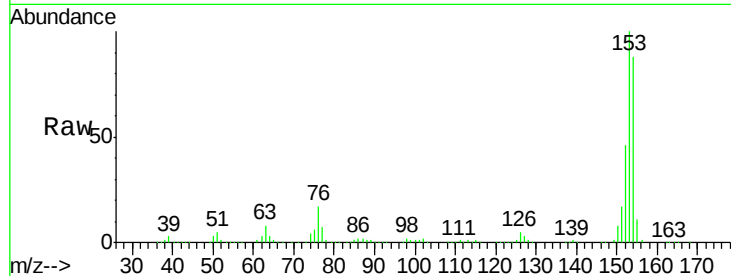
Tgt Ion:154 Resp: 796464

Ion Ratio Lower Upper

154 100

153 113.8 89.8 134.6

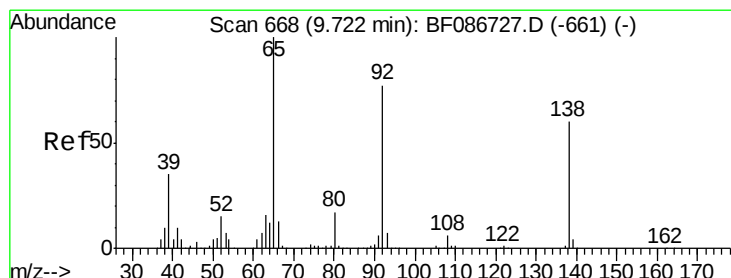
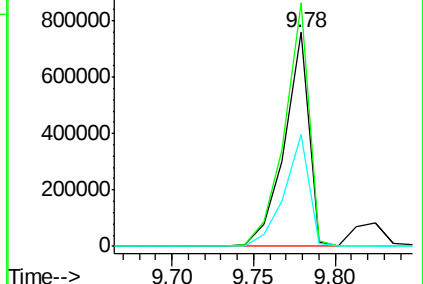
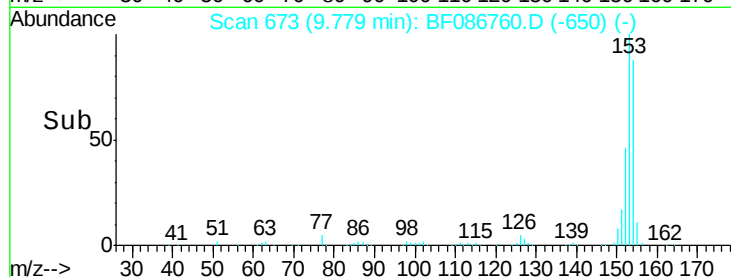
152 52.4 43.4 65.0



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: 14.65 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

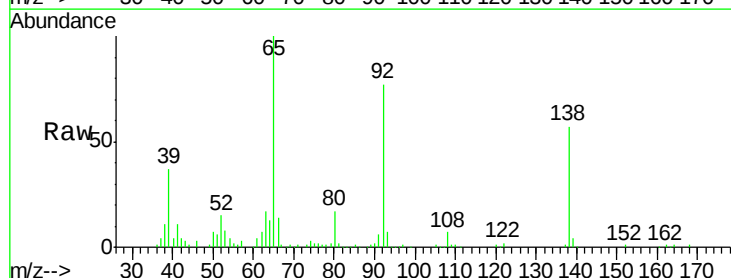
Tgt Ion:138 Resp: 90008

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.6#

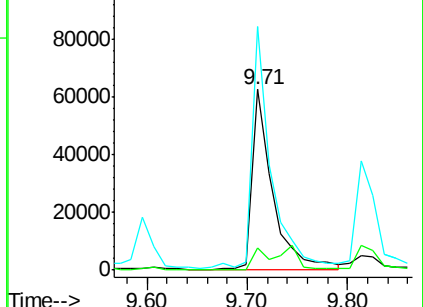
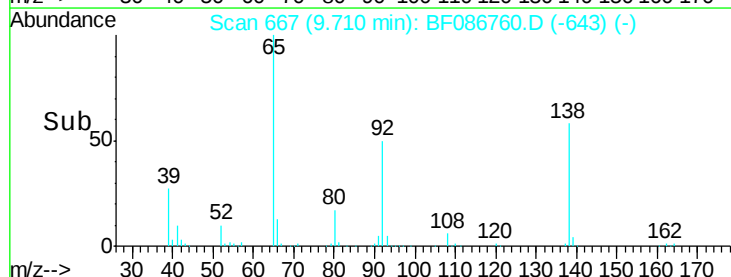
92 135.0 87.8 131.8#

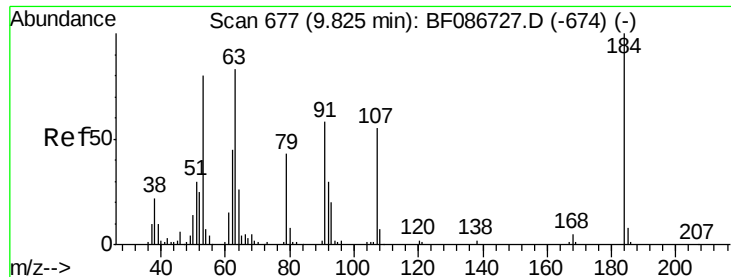


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

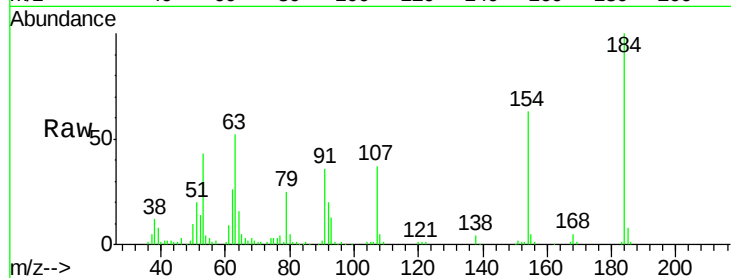




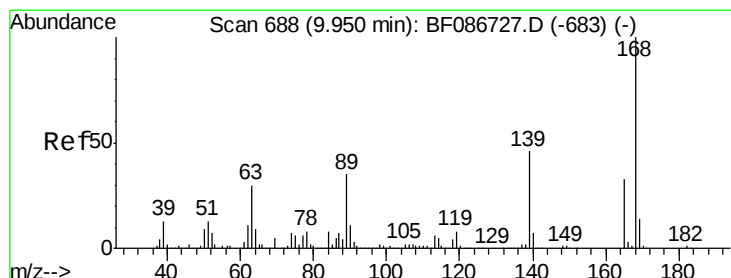
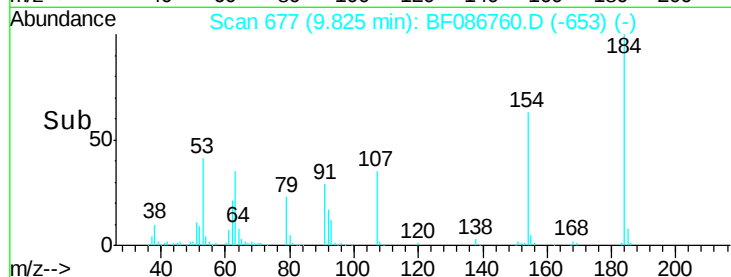
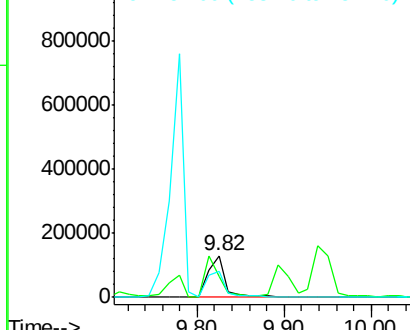
#53
2,4-Dinitrophenol
Concen: 81.51 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

Tgt Ion:184 Resp: 183120
Ion Ratio Lower Upper
184 100
63 51.8 55.8 83.8#
154 62.6 62.4 93.6

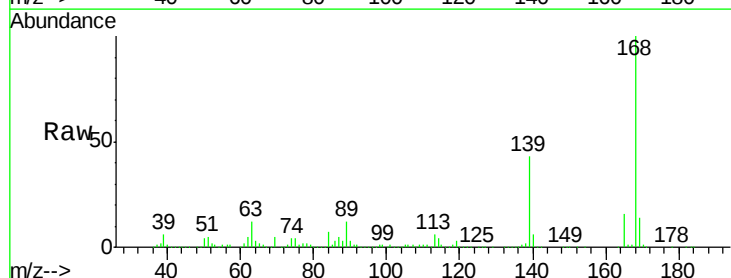


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

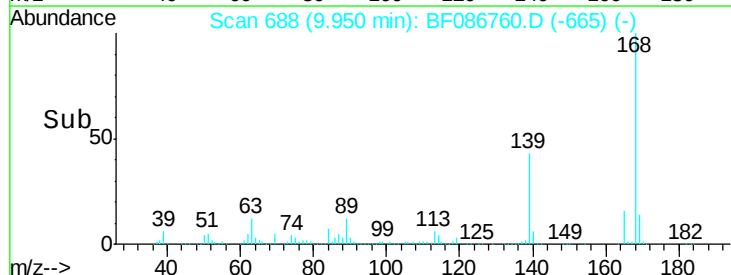
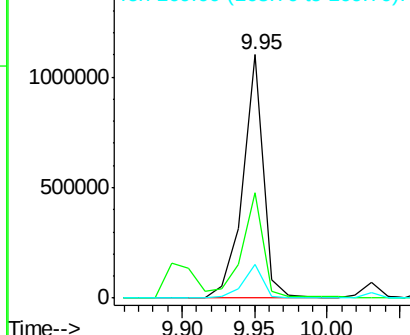


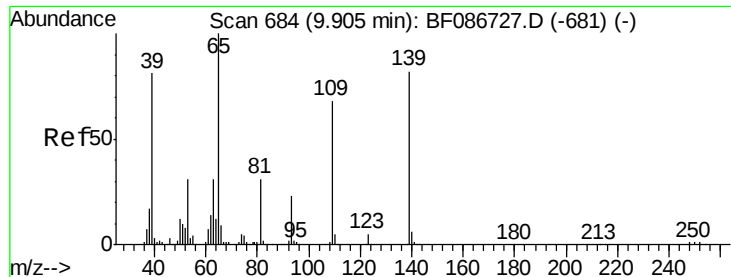
#54
Dibenzofuran
Concen: 41.77 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:168 Resp: 1080211
Ion Ratio Lower Upper
168 100
139 43.2 31.4 47.0
169 14.0 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

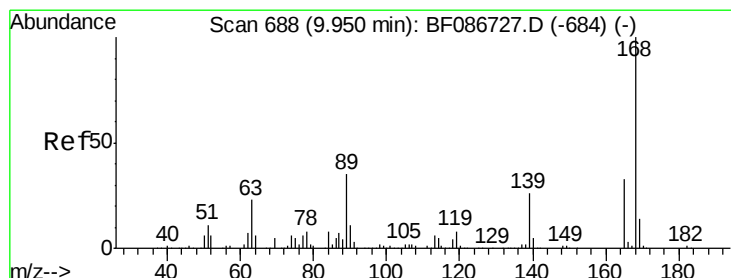
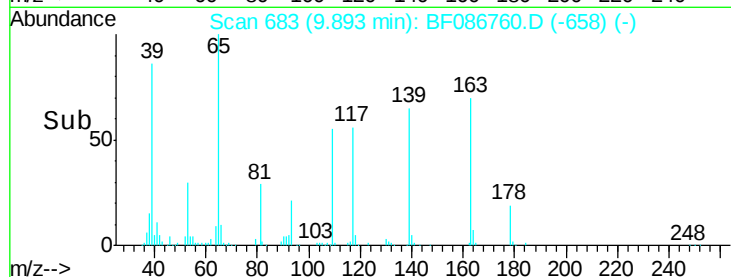
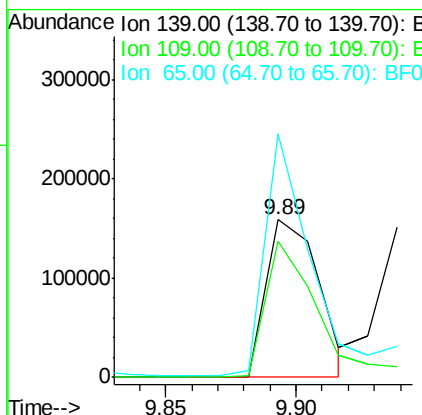
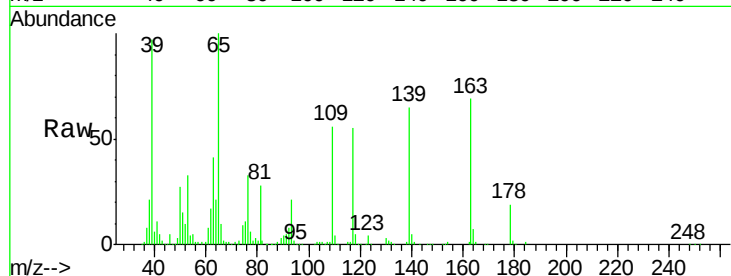




#55
4-Nitrophenol
Concen: 62.43 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

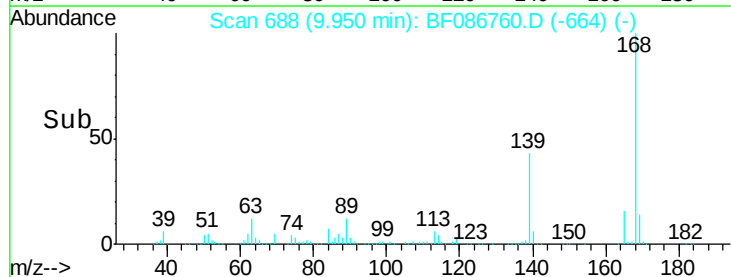
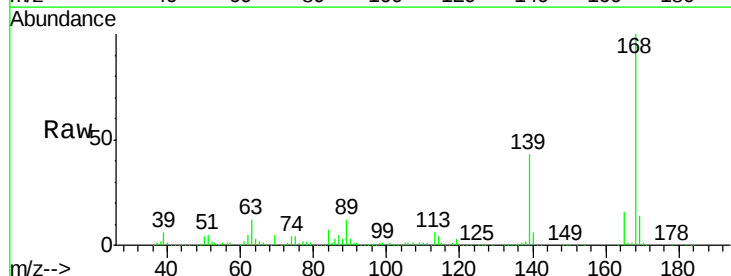
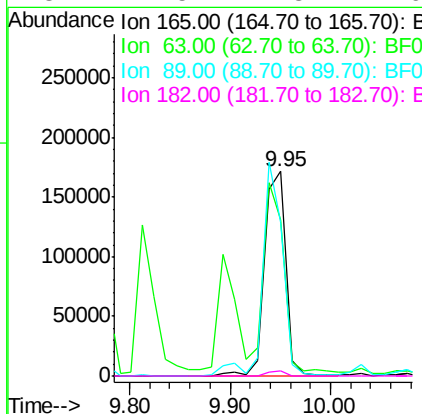
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

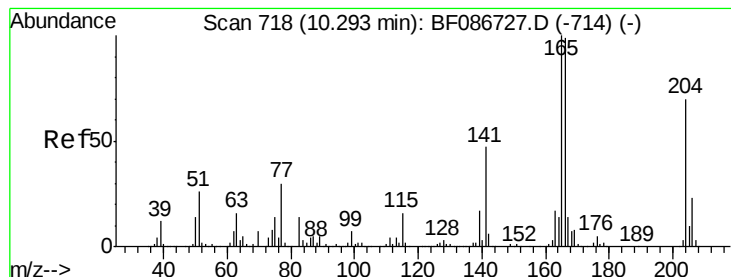
Tgt Ion:139 Resp: 223561
Ion Ratio Lower Upper
139 100
109 86.6 36.9 76.9#
65 154.7 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 37.38 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:165 Resp: 250305
Ion Ratio Lower Upper
165 100
63 76.4 44.3 66.5#
89 75.0 70.0 105.0
182 2.5 1.8 2.6





#57

Fluorene

Concen: 41.41 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

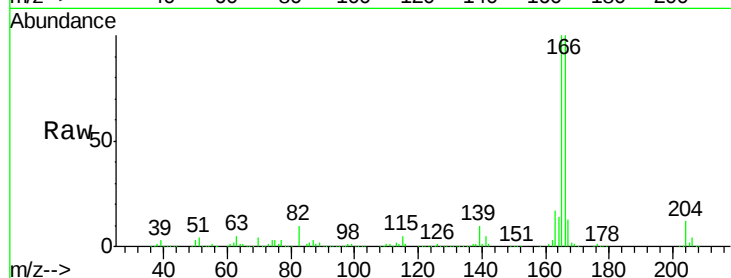
Tgt Ion:166 Resp: 868002

Ion Ratio Lower Upper

166 100

165 100.3 79.0 118.6

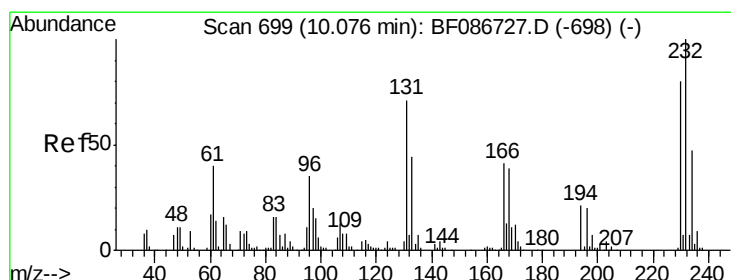
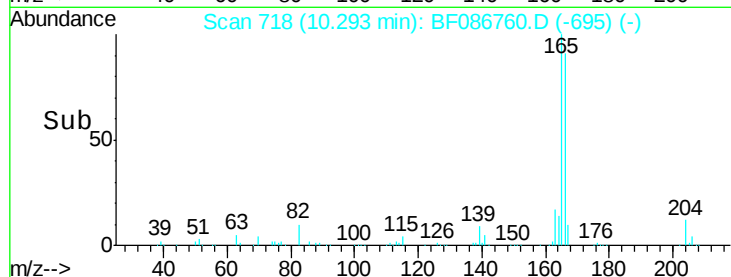
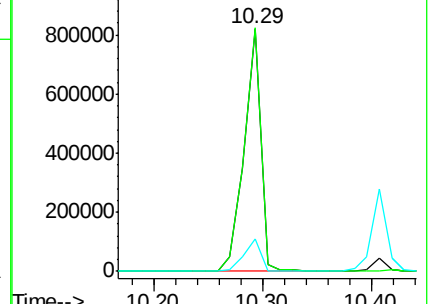
167 13.2 10.6 15.8



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: 48.39 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Tgt Ion:232 Resp: 230793

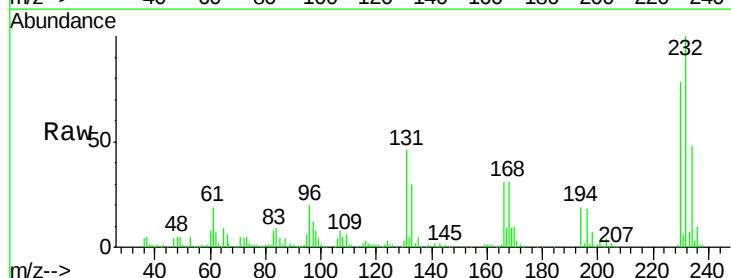
Ion Ratio Lower Upper

232 100

131 51.8 41.9 62.9

130 2.9 2.2 3.4

166 32.2 26.8 40.2

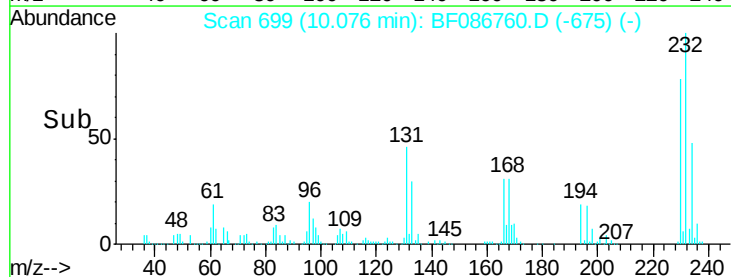
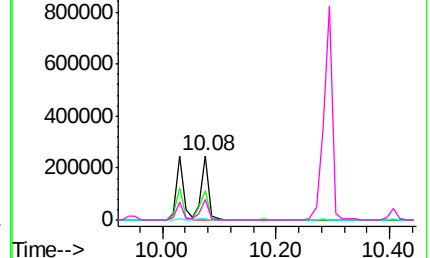


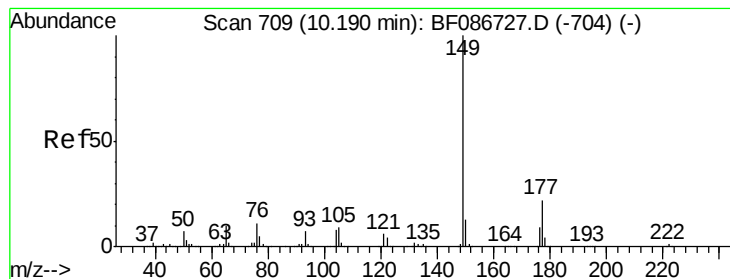
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.45 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

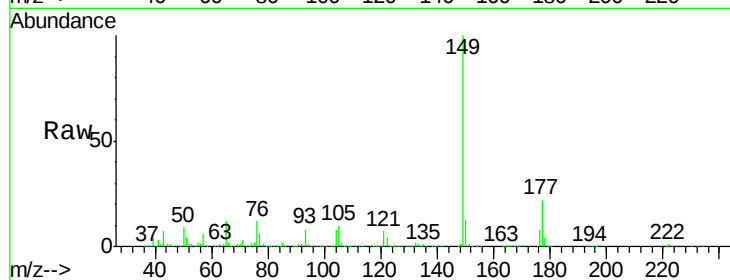
Tgt Ion:149 Resp: 916160

Ion Ratio Lower Upper

149 100

177 22.1 16.6 24.8

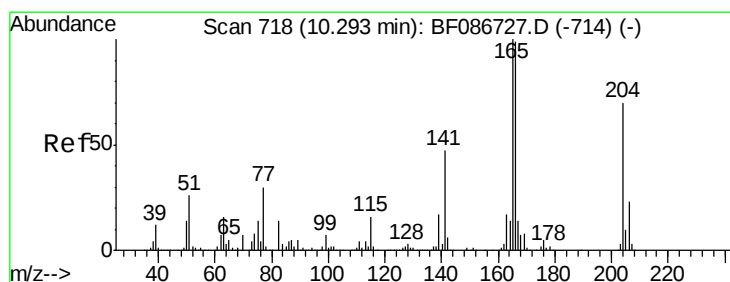
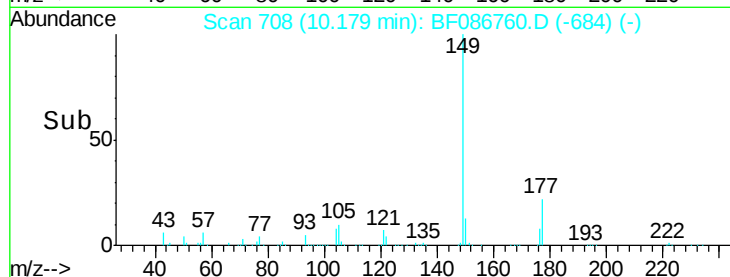
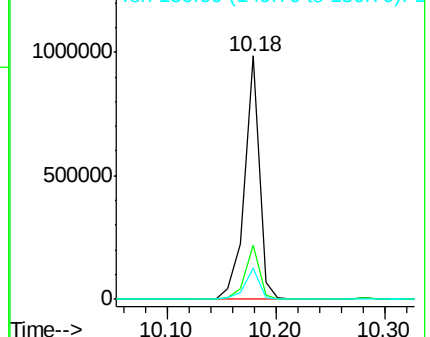
150 12.7 10.0 15.0



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: 35.61 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

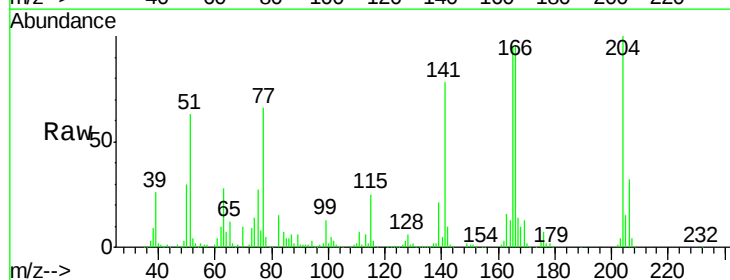
Tgt Ion:204 Resp: 354826

Ion Ratio Lower Upper

204 100

206 32.2 25.4 38.0

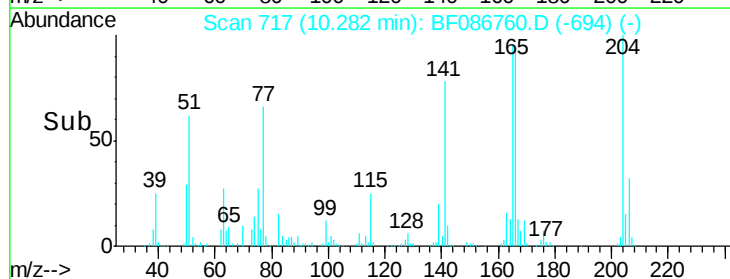
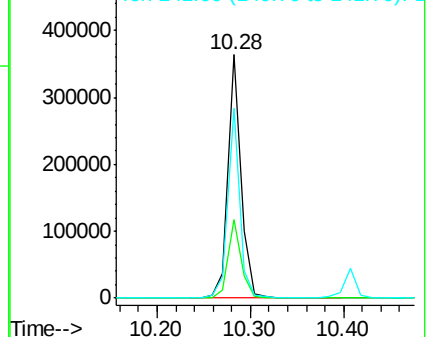
141 78.2 61.6 92.4

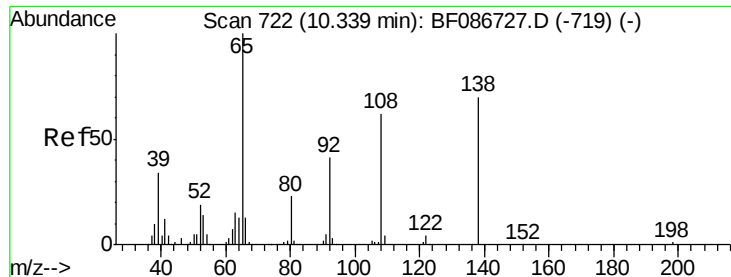


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

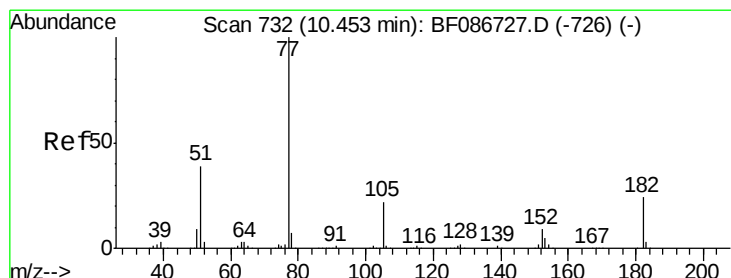
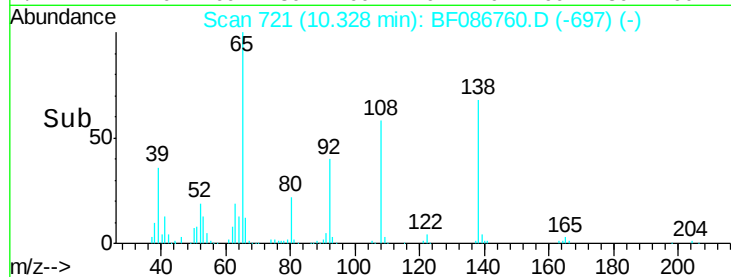
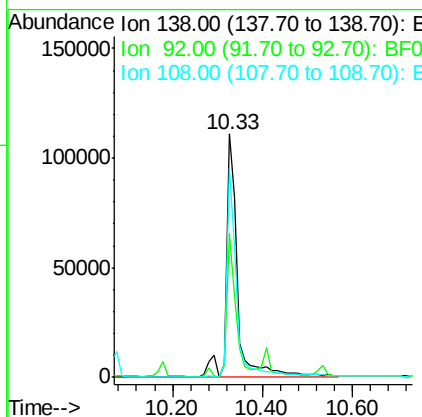
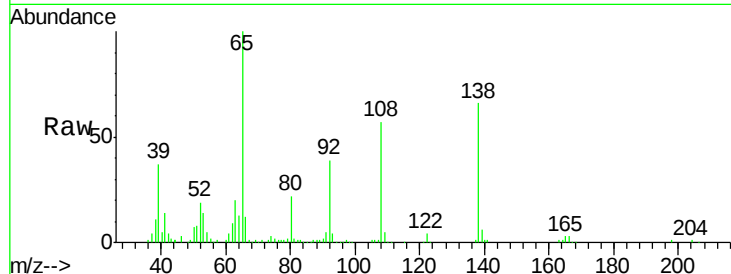




#61
4-Nitroaniline
Concen: 33.12 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

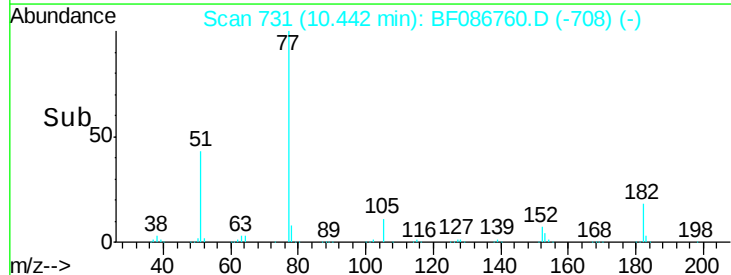
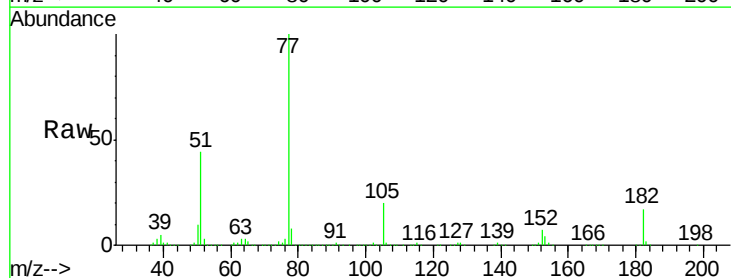
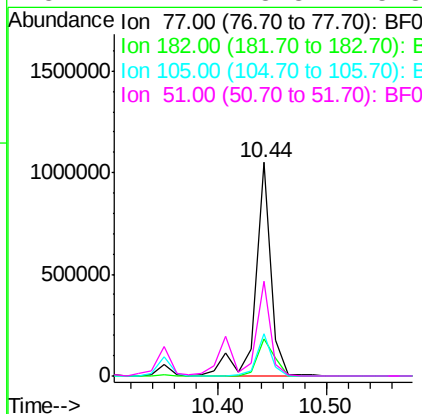
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

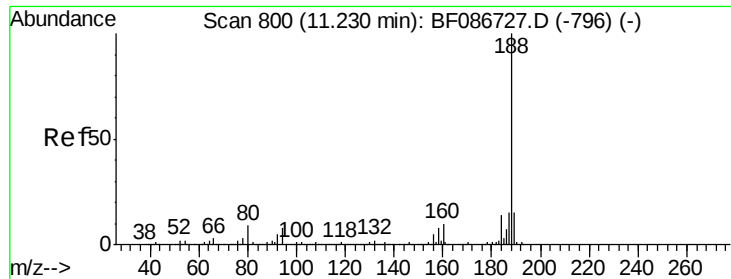
Tgt Ion:138 Resp: 195485
Ion Ratio Lower Upper
138 100
92 59.0 24.7 64.7
108 85.7 37.4 77.4#



#62
Azobenzene
Concen: 39.67 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion: 77 Resp: 1047520
Ion Ratio Lower Upper
77 100
182 17.3 0.0 38.8
105 19.9 3.2 43.2
51 44.1 8.8 48.8

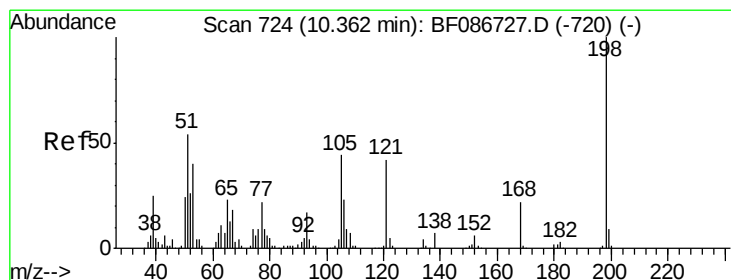
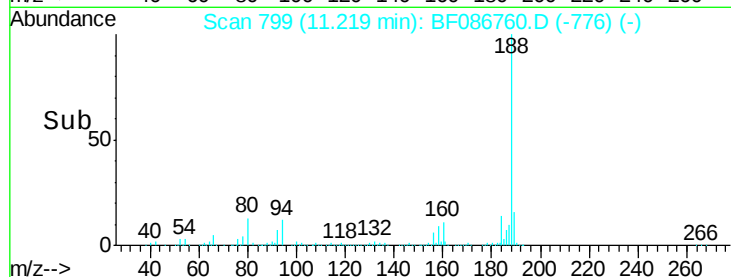
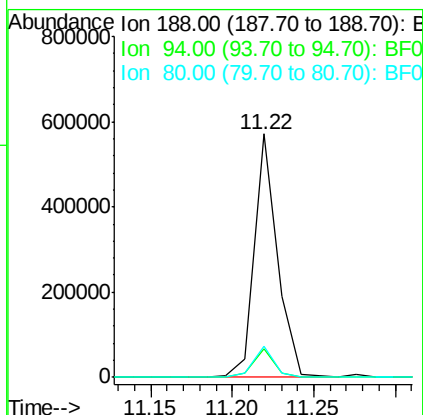
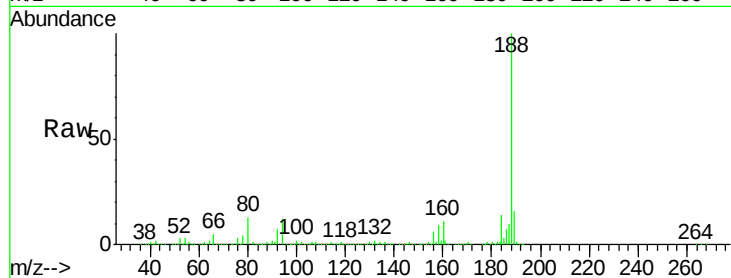




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

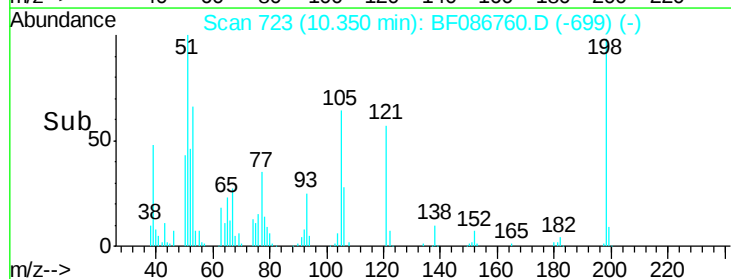
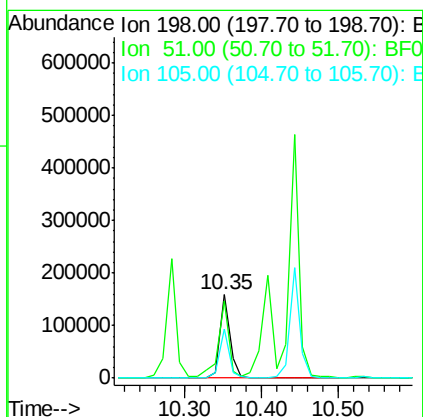
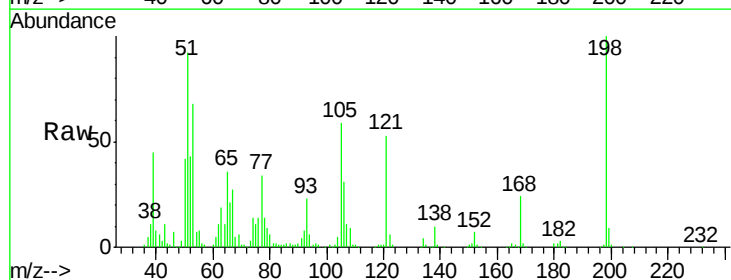
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001MS

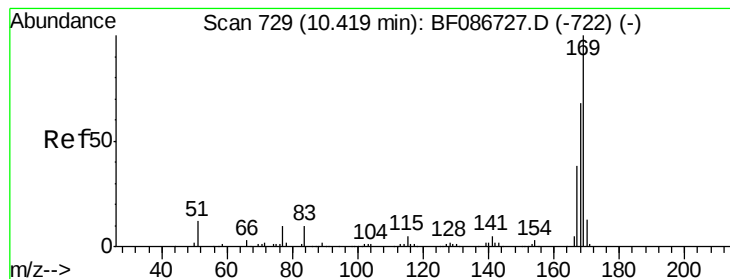
Tgt Ion:188 Resp: 561368
Ion Ratio Lower Upper
188 100
94 11.9 6.8 10.2#
80 13.0 7.1 10.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.17 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF086760.D
Acq: 7 May 2016 8:32

Tgt Ion:198 Resp: 148677
Ion Ratio Lower Upper
198 100
51 92.3 20.5 60.5#
105 58.5 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 39.49 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

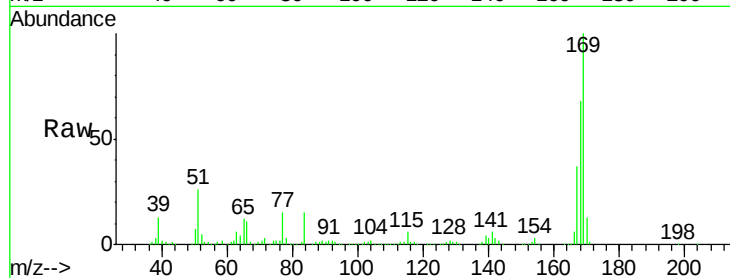
Tgt Ion:169 Resp: 703845

Ion Ratio Lower Upper

169 100

168 67.8 53.8 80.6

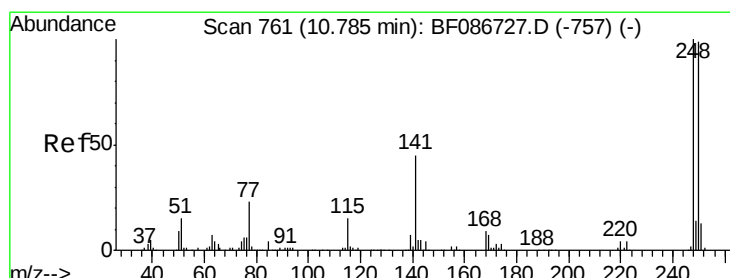
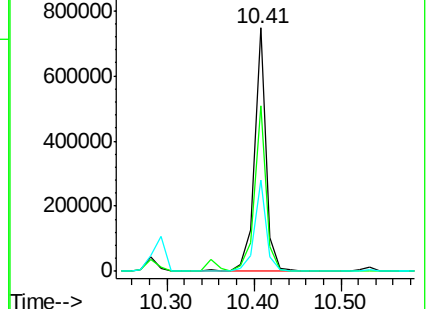
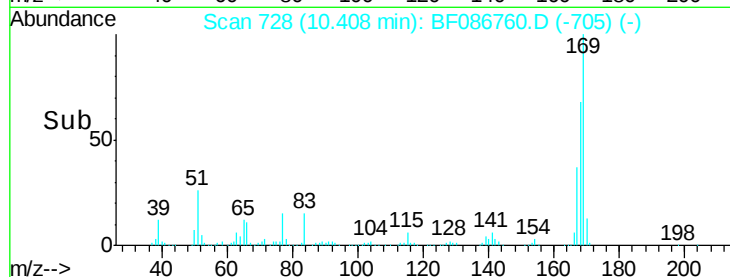
167 37.4 29.5 44.3



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: 43.42 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

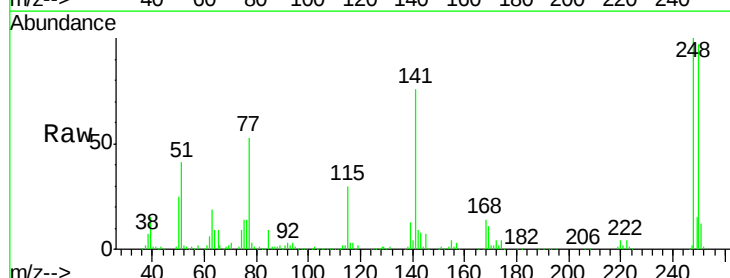
Tgt Ion:248 Resp: 242203

Ion Ratio Lower Upper

248 100

250 97.1 78.6 117.8

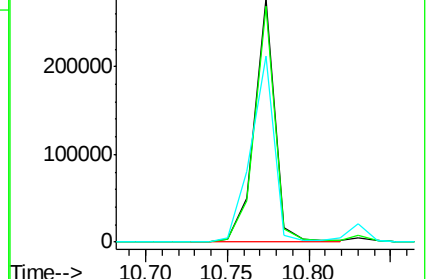
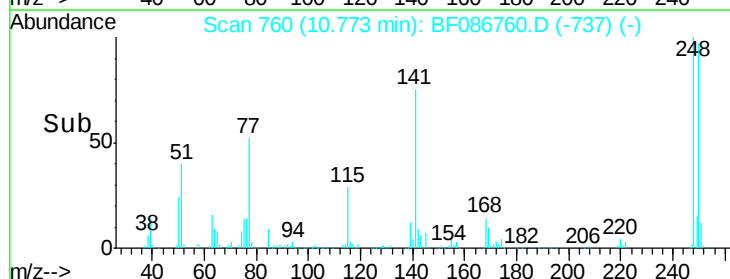
141 76.4 76.0 114.0

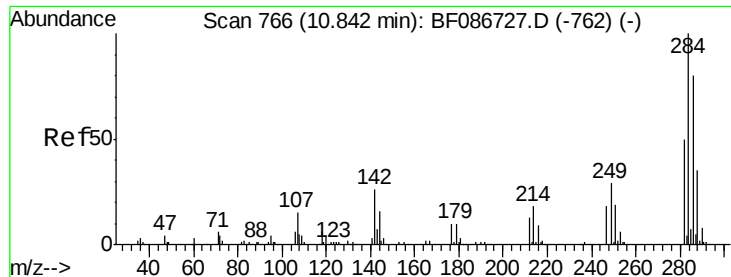


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.98 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

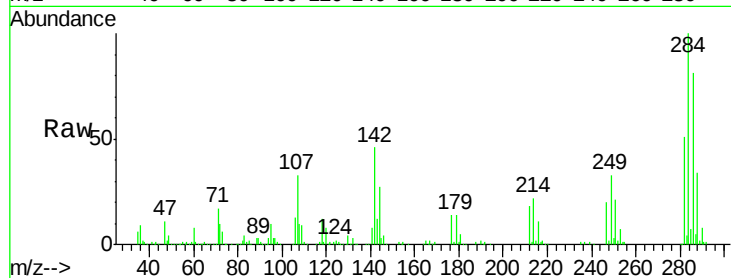
Tgt Ion:284 Resp: 251581

Ion Ratio Lower Upper

284 100

142 46.3 16.7 25.1#

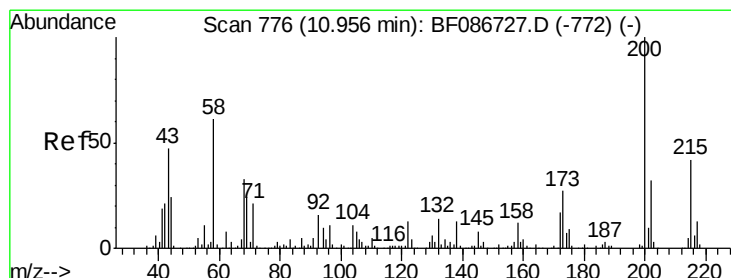
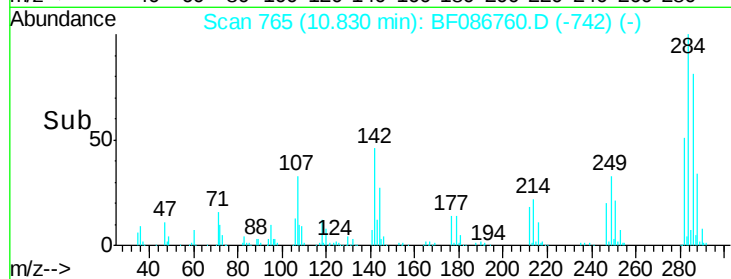
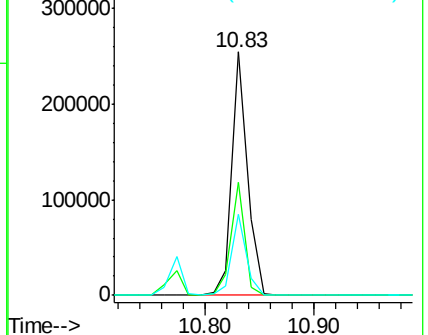
249 33.3 21.3 31.9#



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: 46.05 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

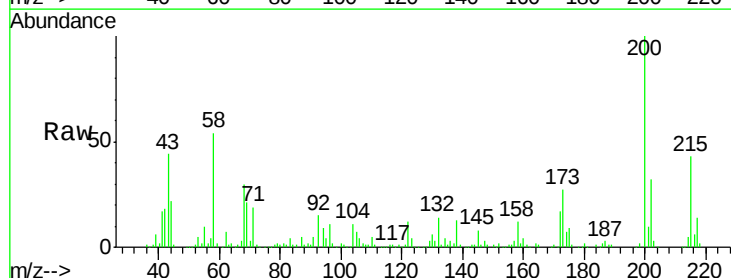
Tgt Ion:200 Resp: 251571

Ion Ratio Lower Upper

200 100

173 27.4 8.5 48.5

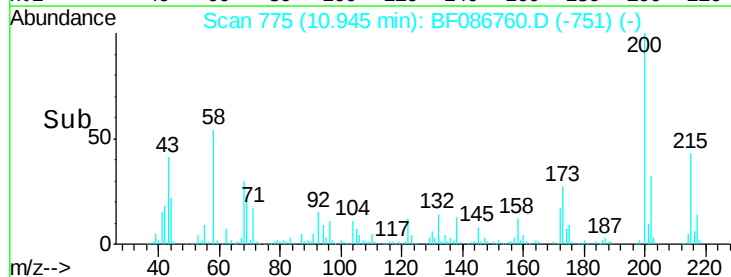
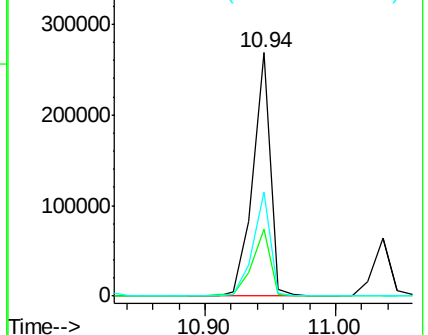
215 42.9 27.2 67.2

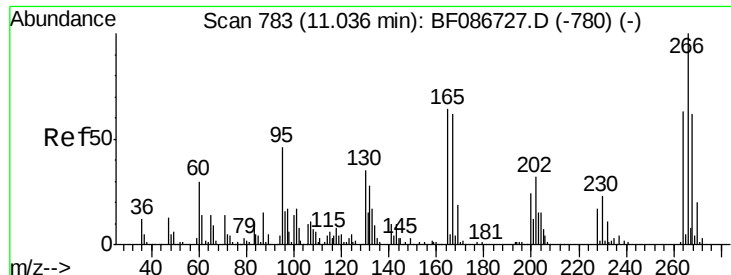


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

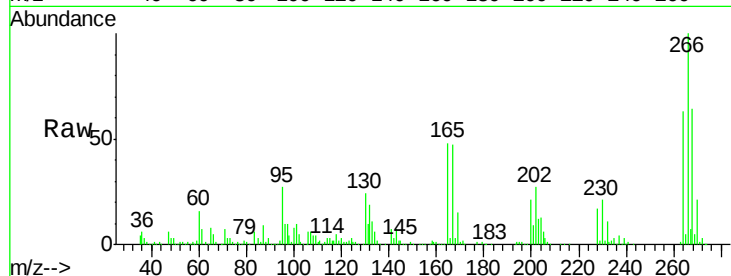




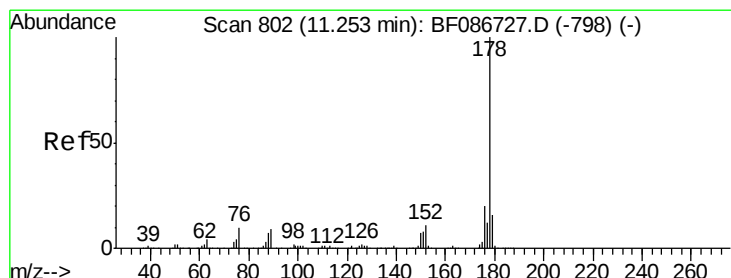
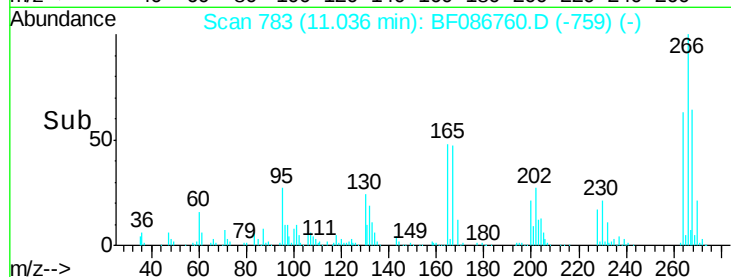
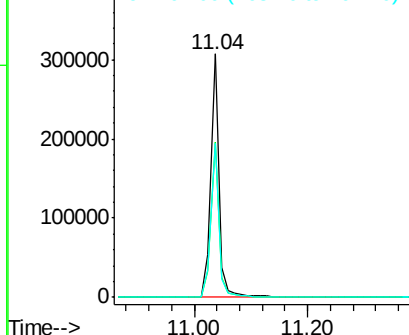
#69
 Pentachlorophenol
 Concen: 89.04 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Tgt Ion:266 Resp: 296307
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 63.4 52.9 79.3

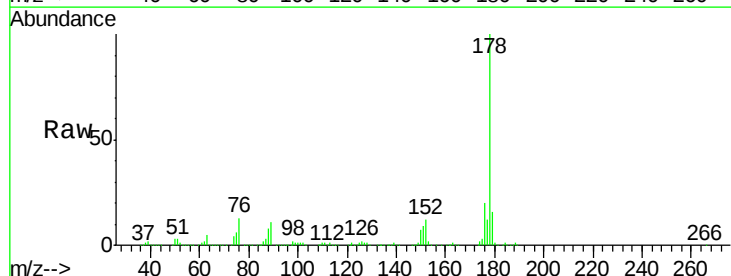


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

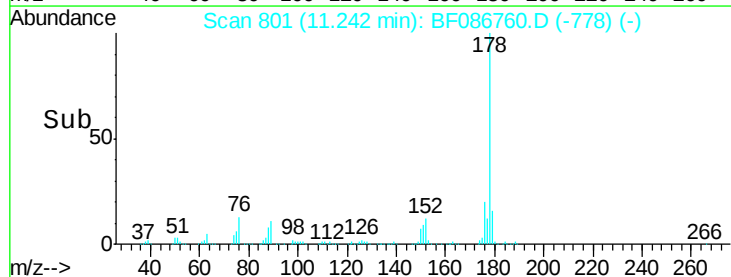
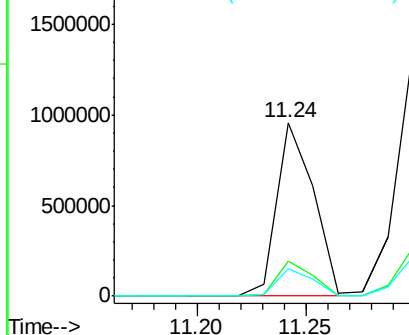


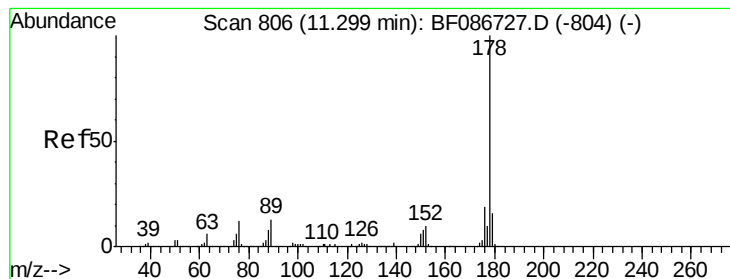
#70
 Phenanthrene
 Concen: 37.65 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:178 Resp: 1135394
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 40.06 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

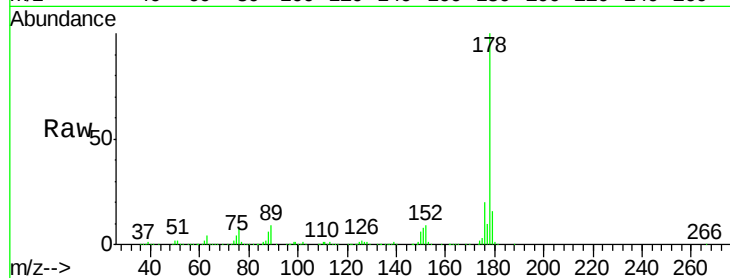
Tgt Ion:178 Resp: 1264870

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

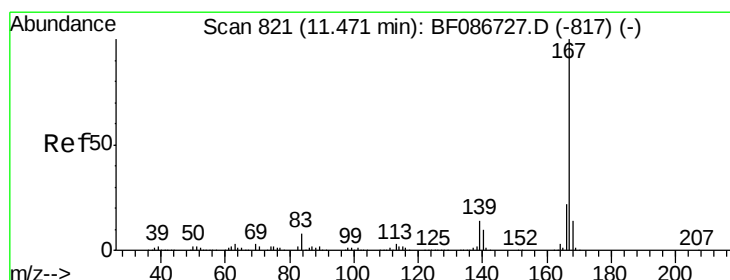
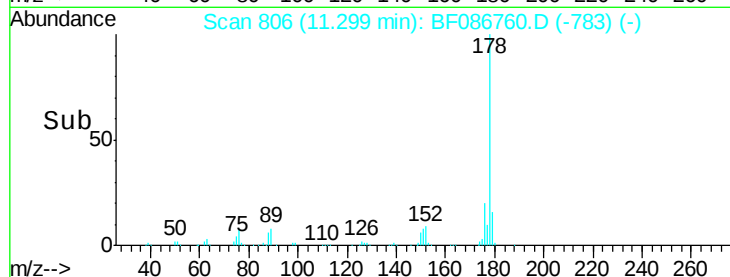
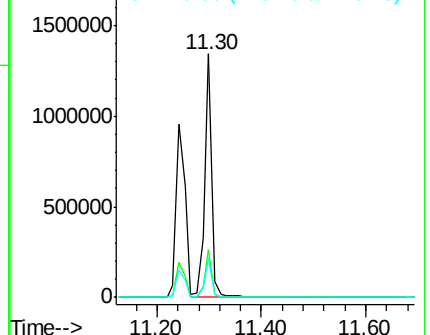
179 15.7 12.7 19.1



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: 38.40 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

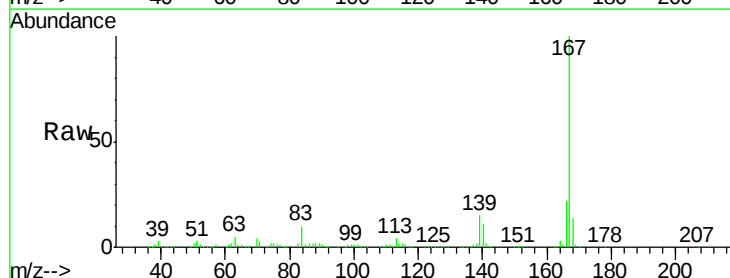
Tgt Ion:167 Resp: 1052899

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

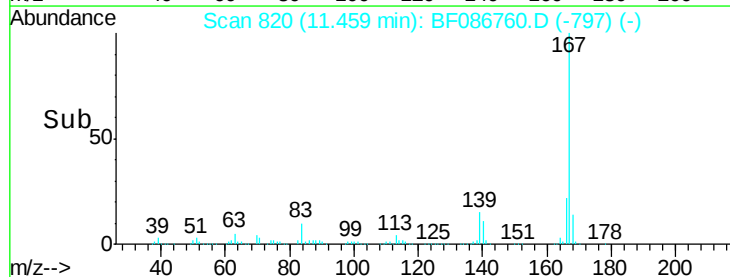
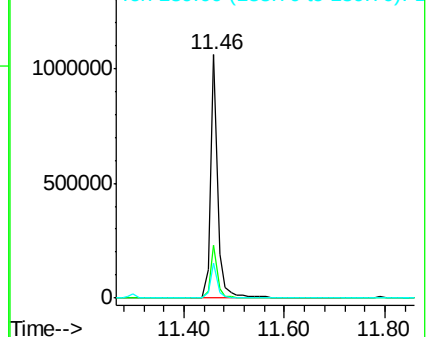
139 14.6 10.8 16.2

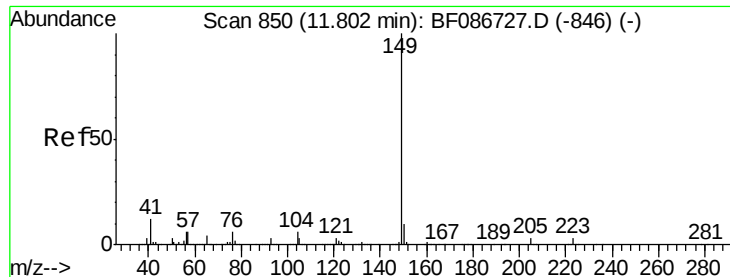


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.00 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

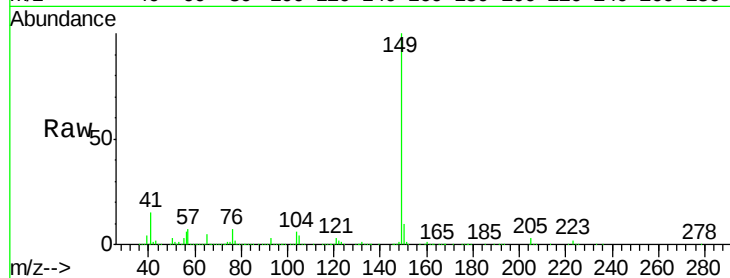
Tgt Ion:149 Resp: 1237074

Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

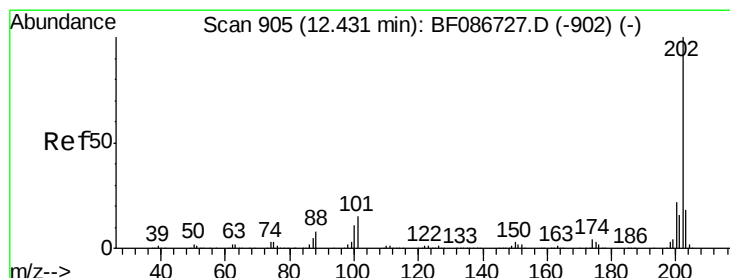
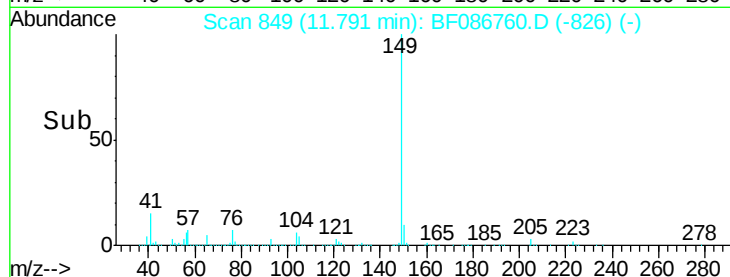
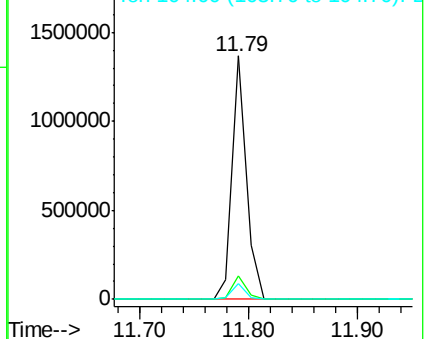
104 6.4 3.8 5.6#



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: 41.01 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

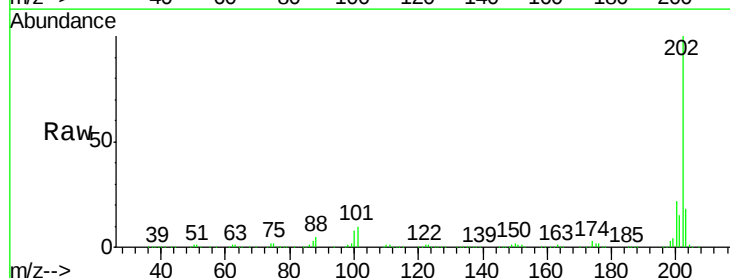
Tgt Ion:202 Resp: 1239392

Ion Ratio Lower Upper

202 100

101 9.9 0.0 35.4

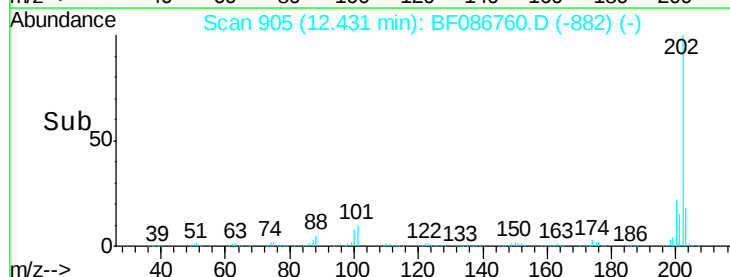
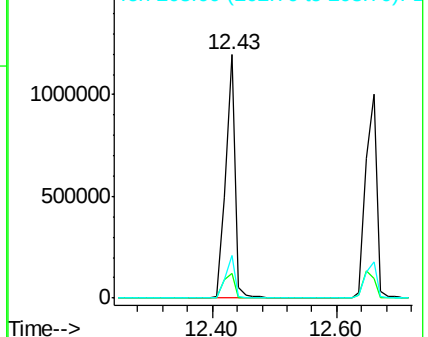
203 17.8 0.0 38.1

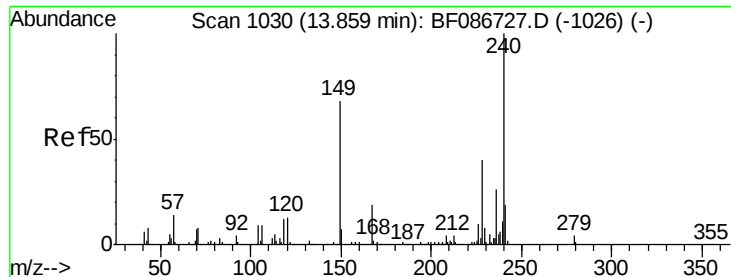


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

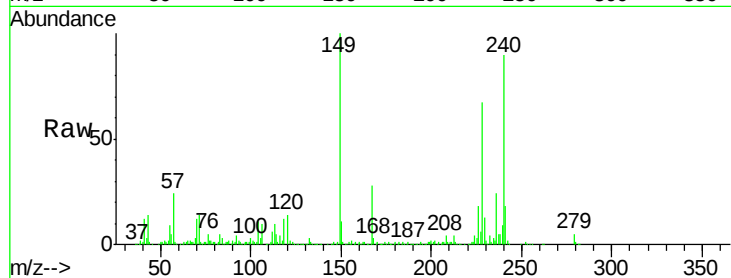
Tgt Ion:240 Resp: 378475

Ion Ratio Lower Upper

240 100

120 15.1 11.2 16.8

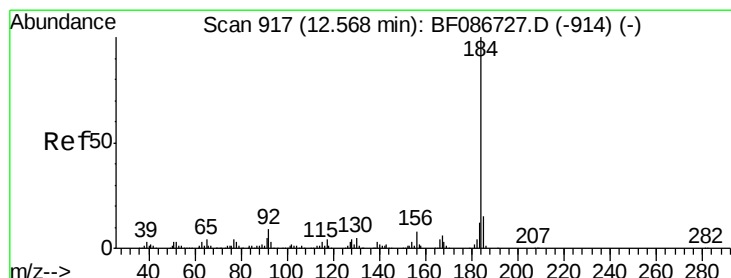
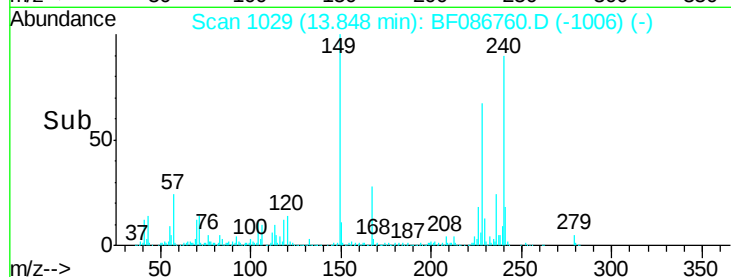
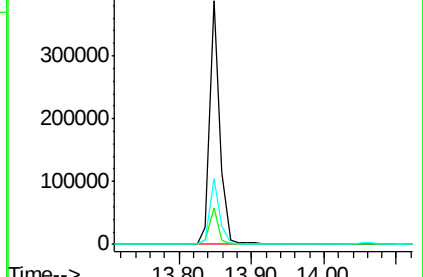
236 26.8 21.2 31.8



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: 10.81 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

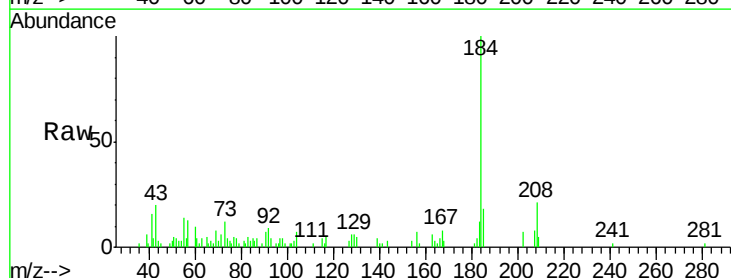
Tgt Ion:184 Resp: 45182

Ion Ratio Lower Upper

184 100

185 18.2 13.6 20.4

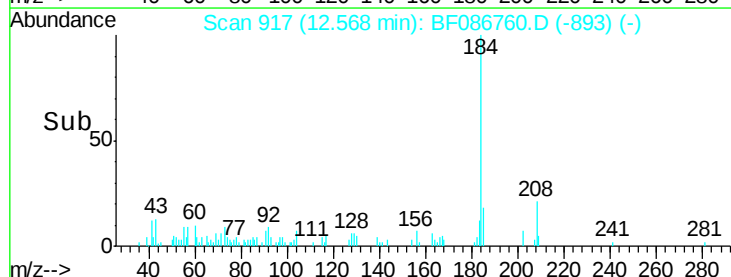
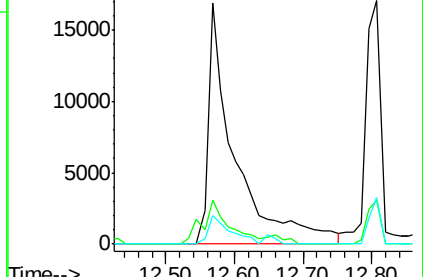
183 11.7 9.8 14.6

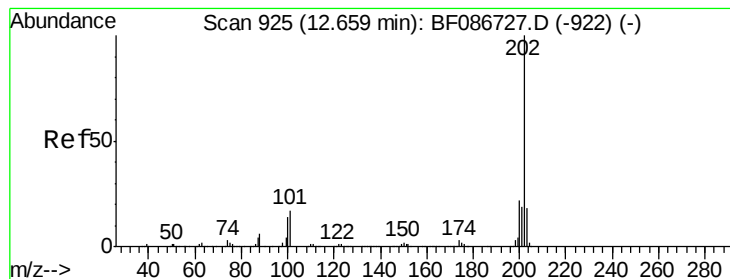


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.30 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

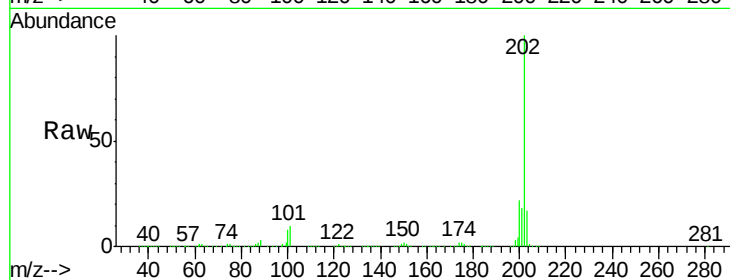
Tgt Ion:202 Resp: 1215989

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

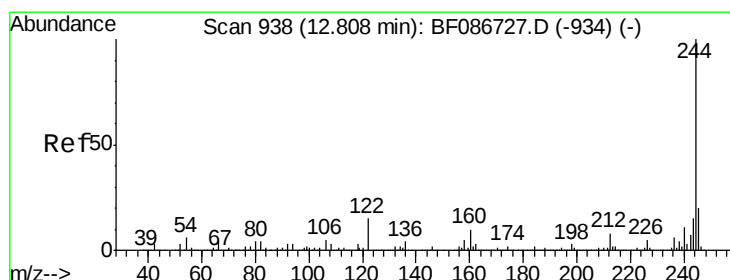
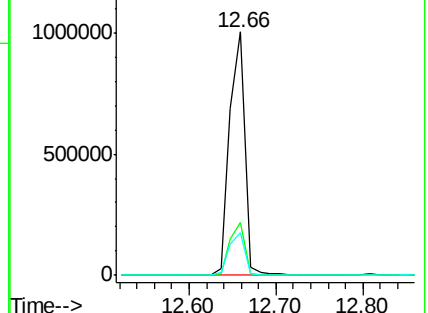
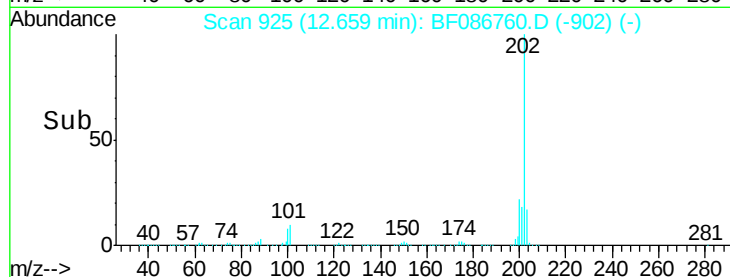
203 17.5 14.2 21.4



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: 75.98 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

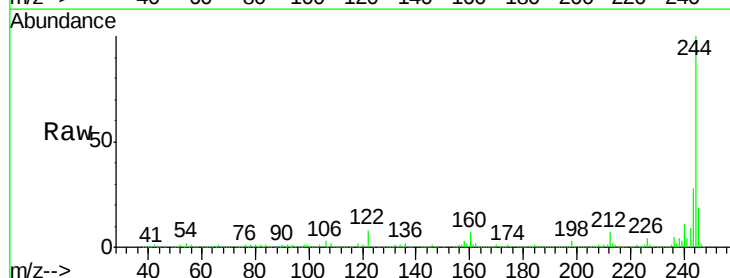
Tgt Ion:244 Resp: 1422806

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

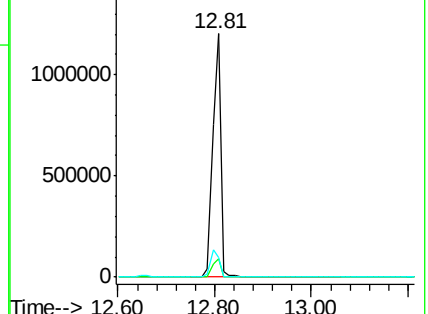
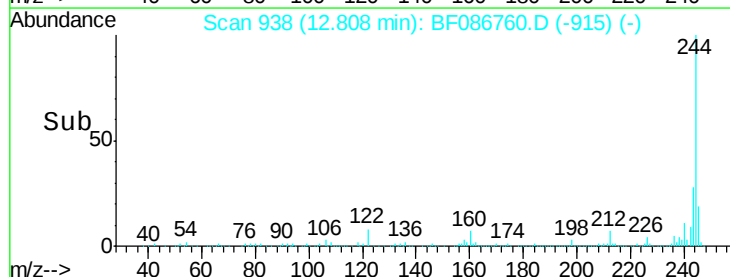
122 8.2 12.0 18.0#

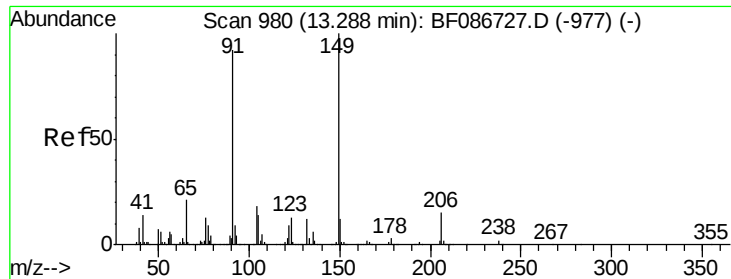


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.11 ng

RT: 13.28 min Scan# 979

Delta R.T. -0.05 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

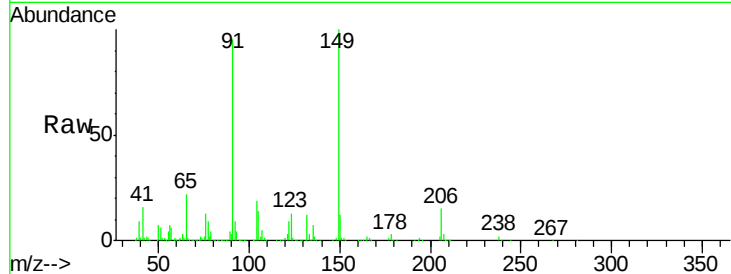
Tgt Ion:149 Resp: 532162

Ion Ratio Lower Upper

149 100

91 95.2 48.0 72.0#

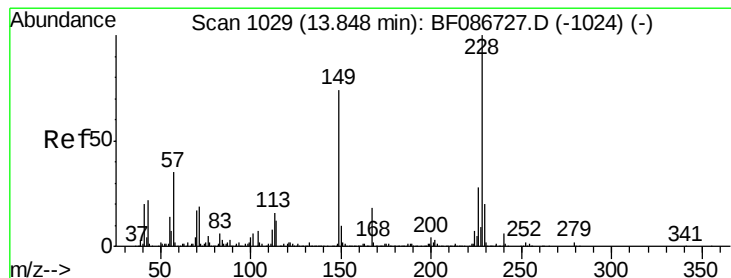
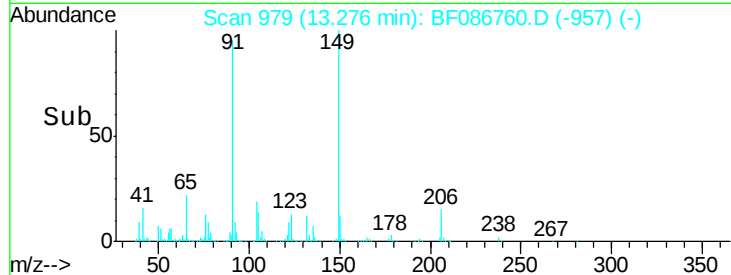
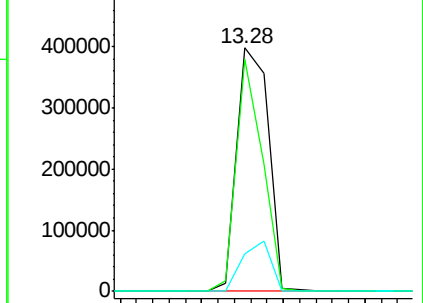
206 15.2 15.8 23.6#



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: 39.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

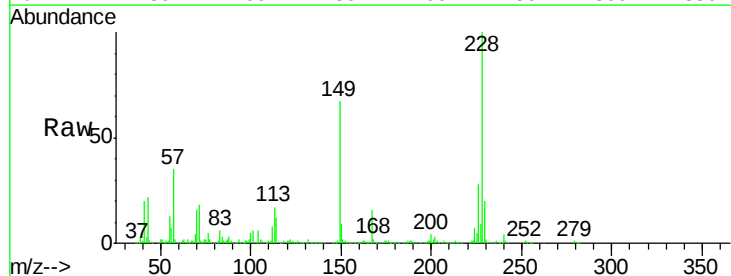
Tgt Ion:228 Resp: 834749

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

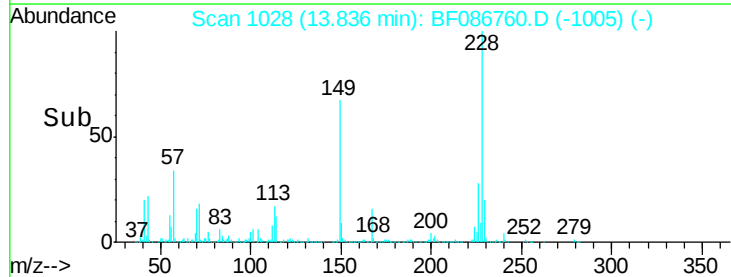
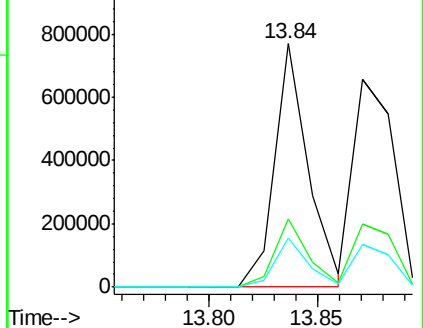
229 20.3 16.6 25.0

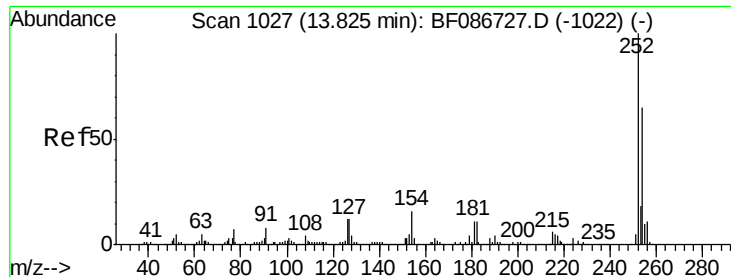


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

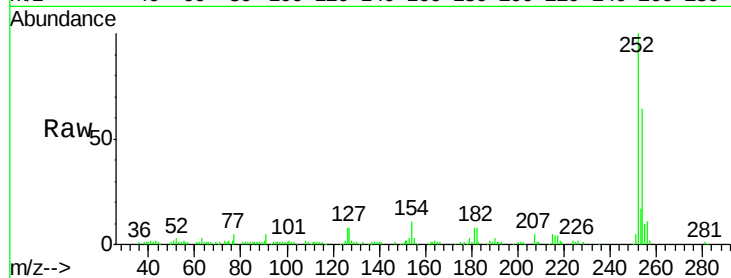




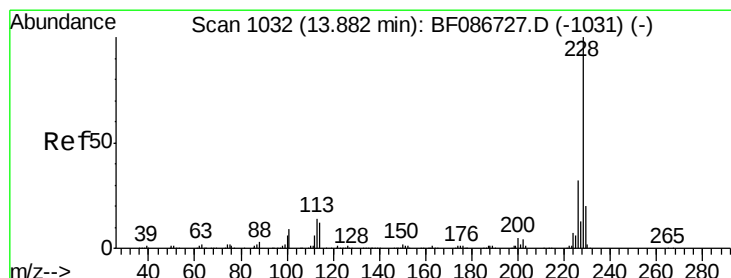
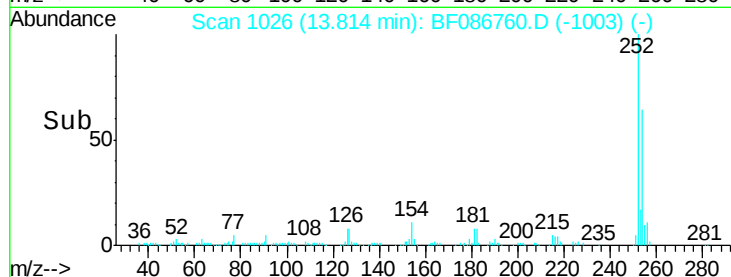
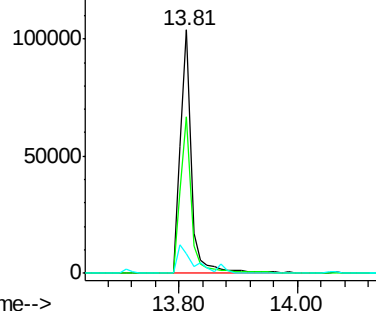
#81
 3,3'-Dichlorobenzidine
 Concen: 10.14 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

Tgt Ion:252 Resp: 136435
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 7.9 12.7 19.1#

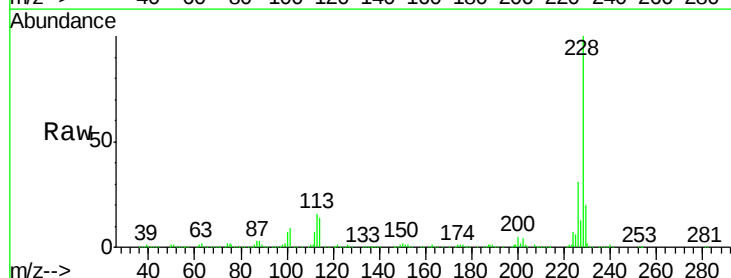


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

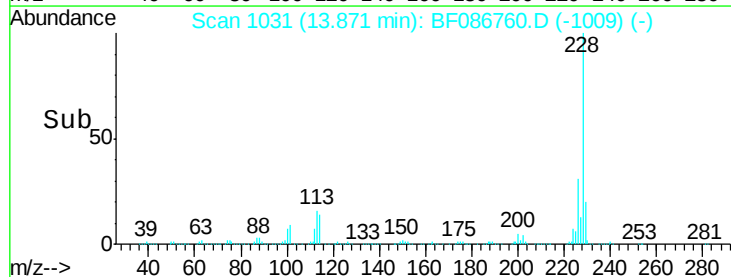
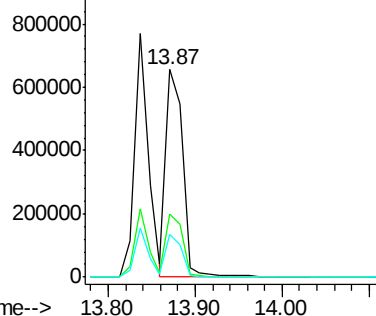


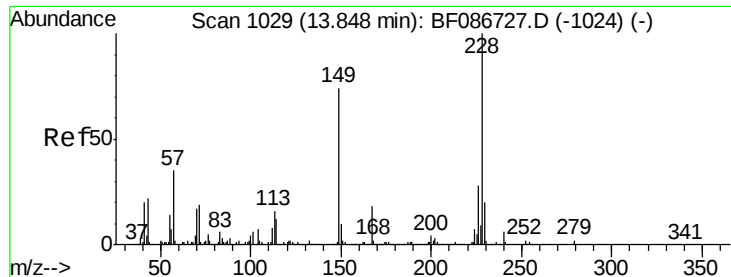
#82
 Chrysene
 Concen: 38.20 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.05 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion:228 Resp: 872423
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.4 36.6
 229 20.3 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: 45.92 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

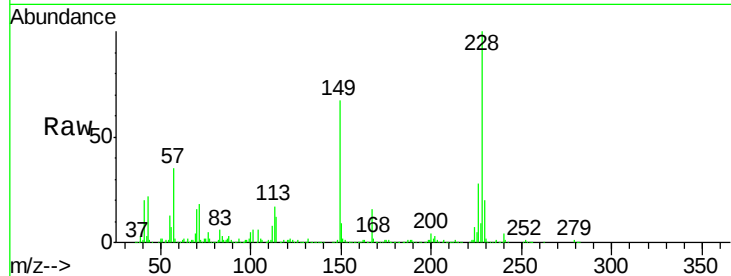
Tgt Ion:149 Resp: 671551

Ion Ratio Lower Upper

149 100

167 24.5 21.8 32.6

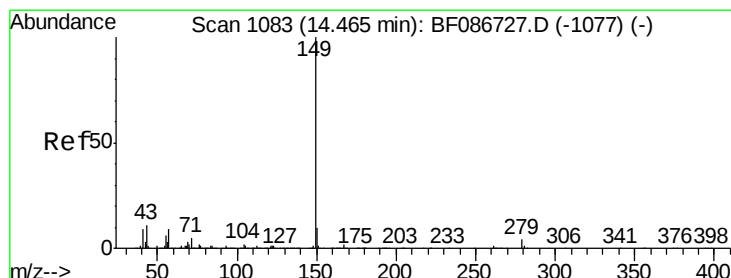
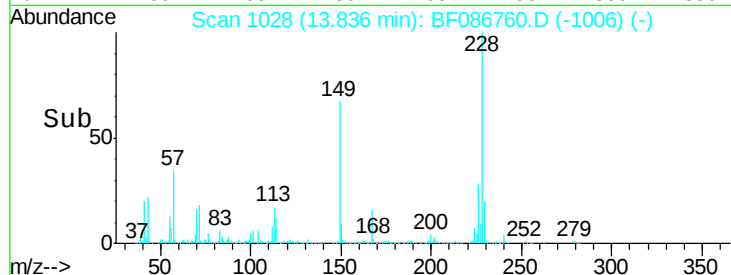
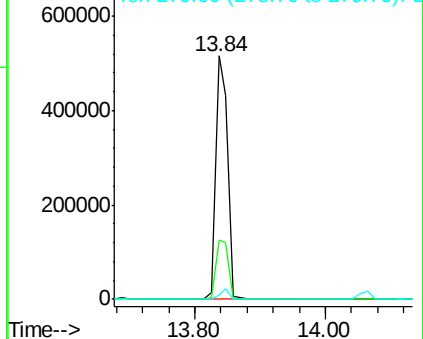
279 1.9 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.11 ng

RT: 14.45 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

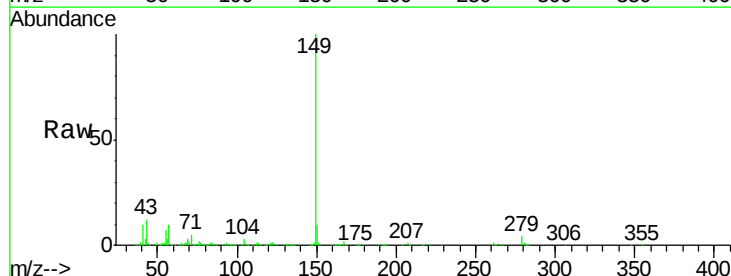
Tgt Ion:149 Resp: 1250519

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

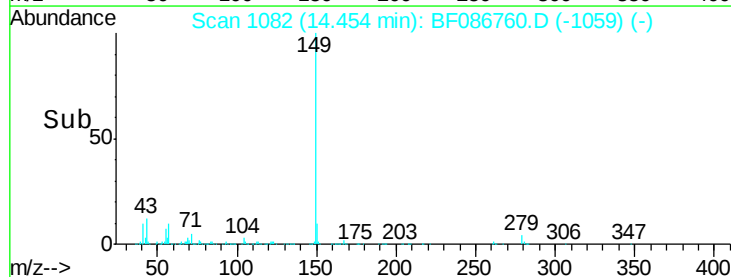
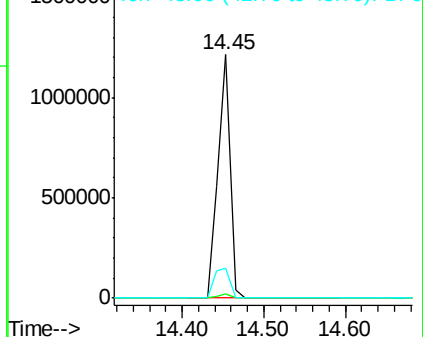
43 15.9 8.2 12.4#

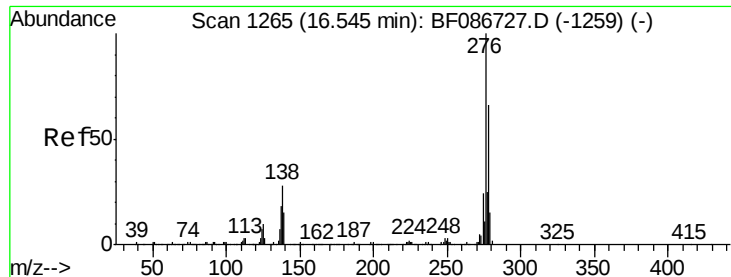


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

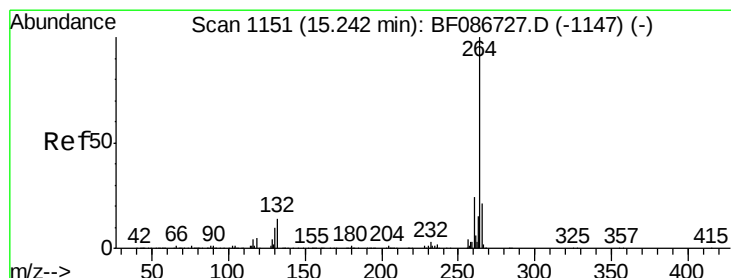
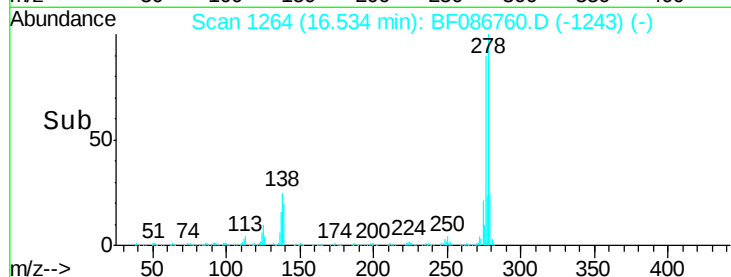
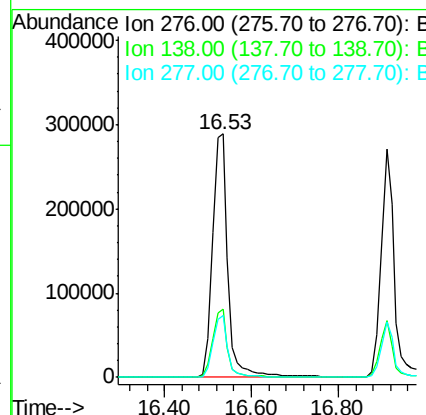
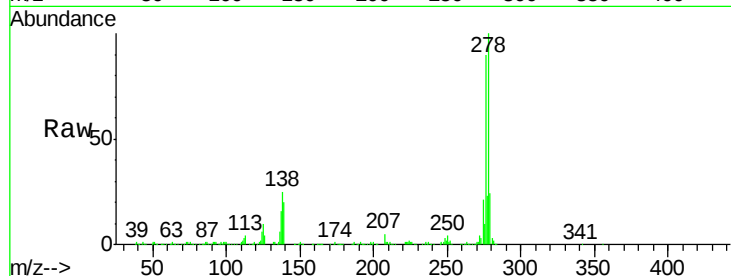




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.08 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.06 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

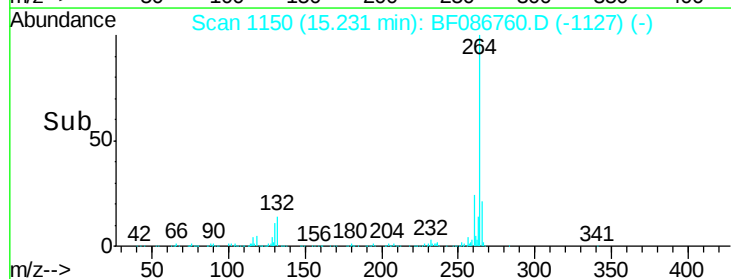
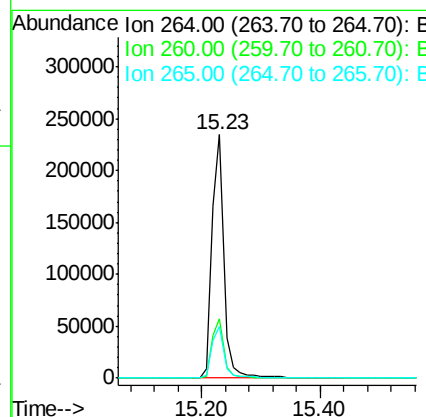
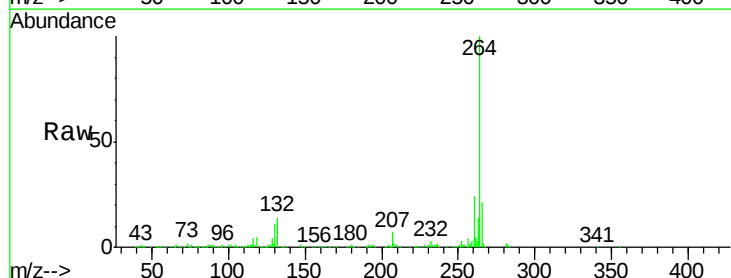
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001MS

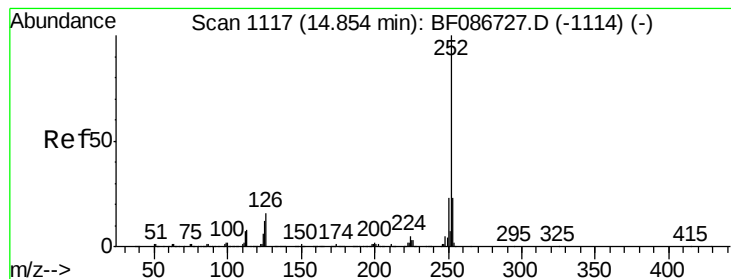
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.6	38.4
277	25.0	20.5	30.7



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.03 min
 Lab File: BF086760.D
 Acq: 7 May 2016 8:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 78.75 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

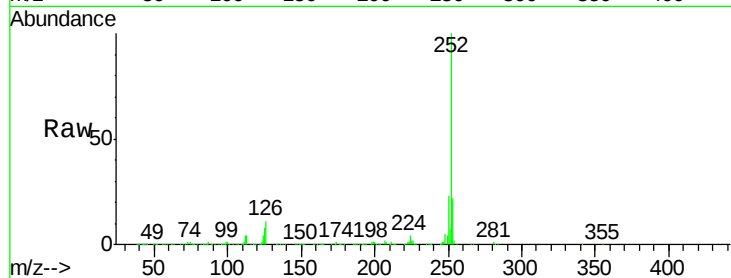
Tgt Ion:252 Resp: 1561147

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

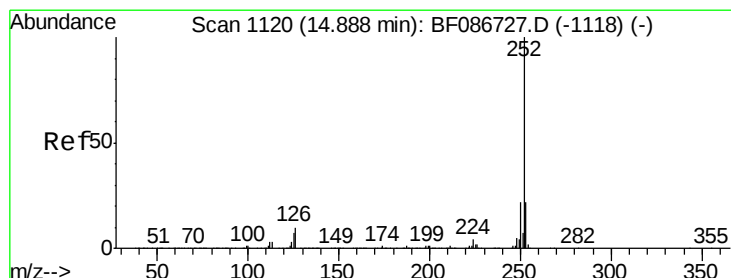
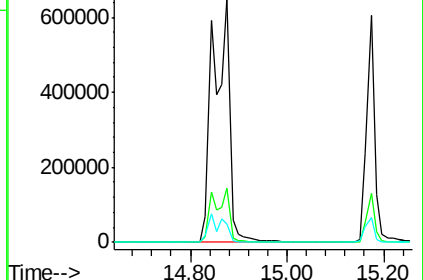
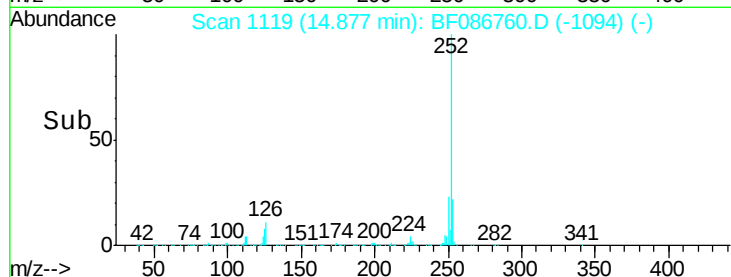
125 7.5 11.4 17.0#



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: 83.58 ng

RT: 14.88 min Scan# 1119

Delta R.T. -0.03 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

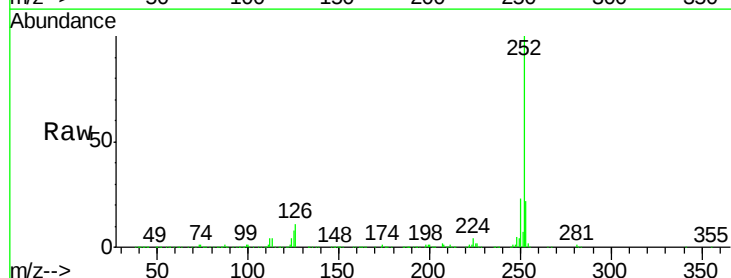
Tgt Ion:252 Resp: 1561147

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

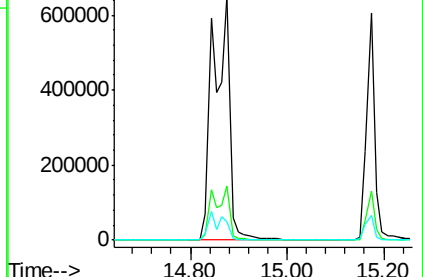
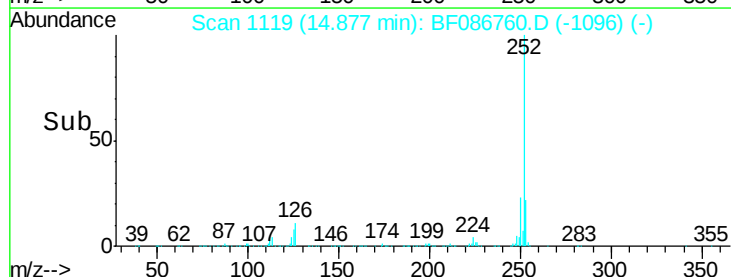
125 7.5 9.1 13.7#

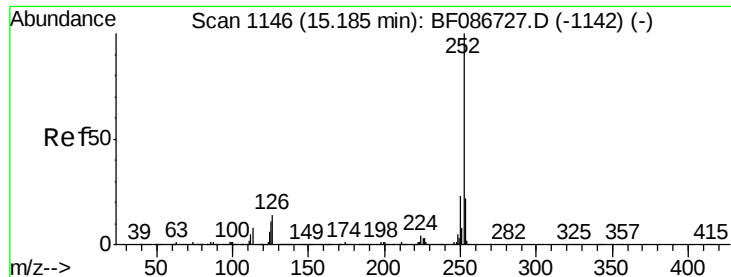


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.22 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.05 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

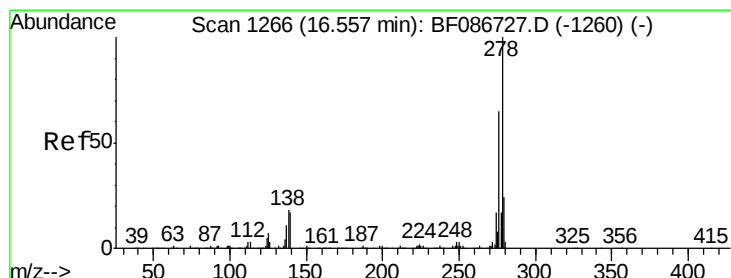
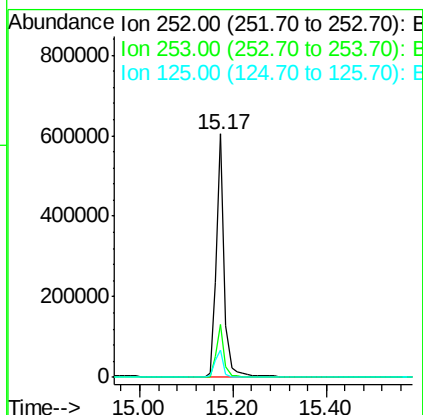
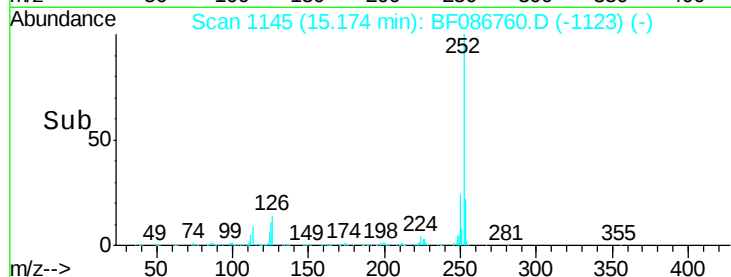
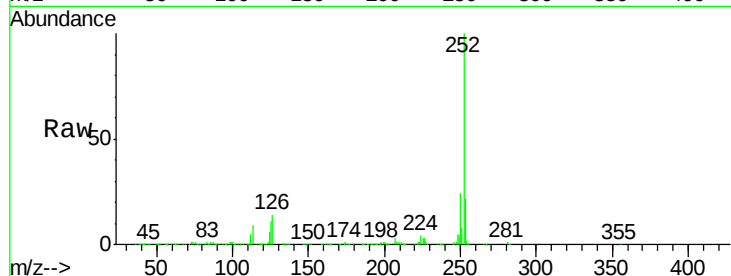
Tgt Ion:252 Resp: 716204

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 11.0 9.0 13.6



#90

Dibenzo(a,h)anthracene

Concen: 34.35 ng

RT: 16.53 min Scan# 1264

Delta R.T. -0.07 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

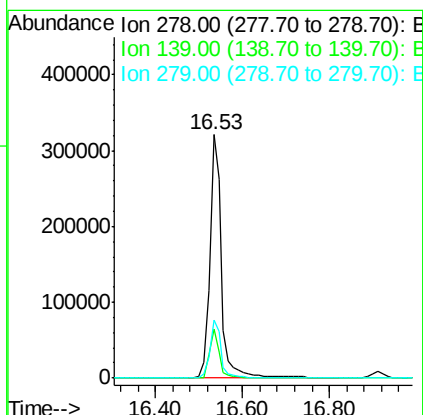
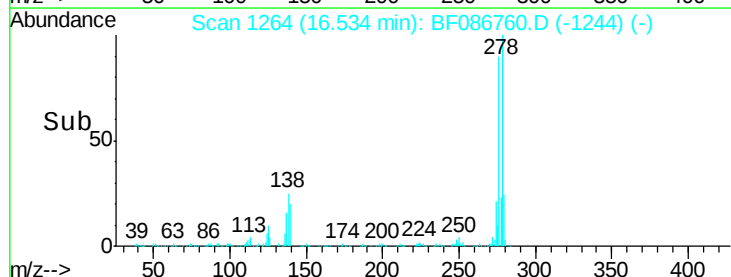
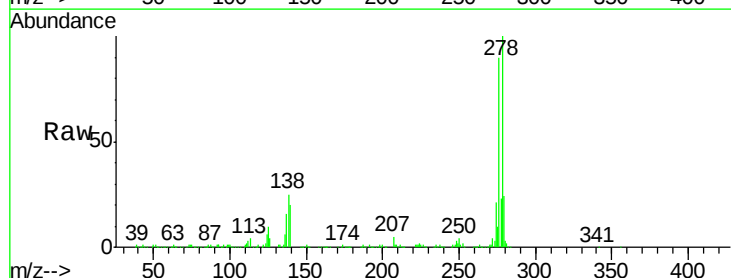
Tgt Ion:278 Resp: 602578

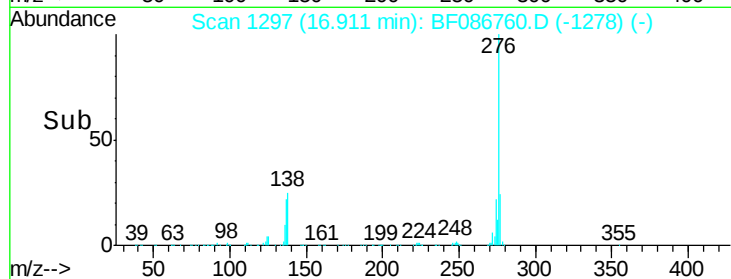
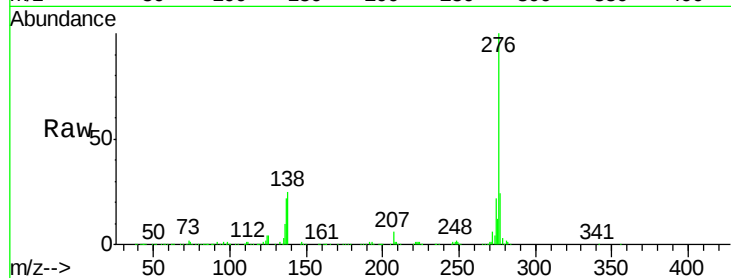
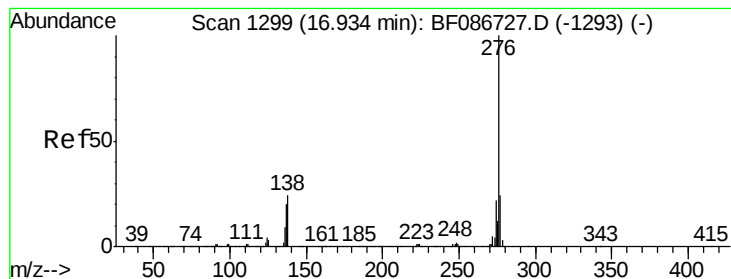
Ion Ratio Lower Upper

278 100

139 20.0 16.6 24.8

279 23.9 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 32.14 ng

RT: 16.91 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF086760.D

Acq: 7 May 2016 8:32

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001MS

Tgt Ion: 276 Resp: 592010

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 25.0 23.6 35.4

