

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086759.D
 Acq On : 7 May 2016 8:03
 Operator : UM/SJ
 Sample : H2863-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

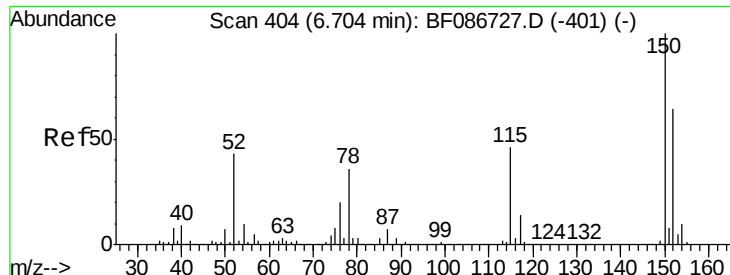
Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001

Quant Time: May 07 23:11:20 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	166448	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	657234	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	320668	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	600391	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	410740	40.00	ng	-0.03
86) Perylene-d12	15.22	264	309587	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1155749	114.95	ng	-0.01
7) Phenol-d6	6.36	99	1492166	110.17	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1132076	88.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	463182	147.66	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1833182	93.71	ng	-0.03
78) Terphenyl-d14	12.81	244	1582025	77.84	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.85	79	19137	2.18	ng	# 42
19) n-Nitroso-di-n-propylamine	7.28	70	161254	17.43	ng	# 75
25) Isophorone	7.28	82	1095163	45.98	ng	# 68
49) Dimethylphthalate	9.47	163	339542	14.20	ng	99
56) 2,4-Dinitrotoluene	9.73	165	39661	6.24	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	981	5.58	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	27597	4.63	ng	# 1

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

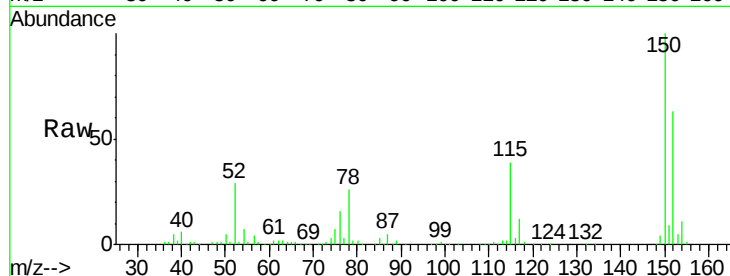
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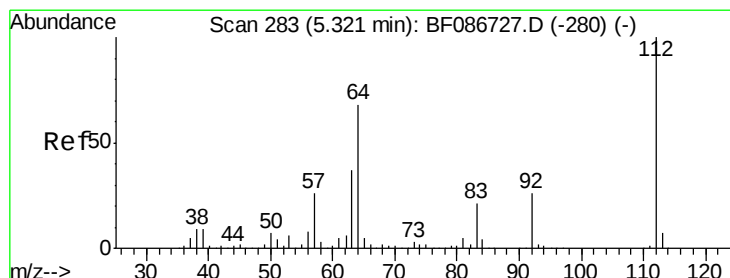
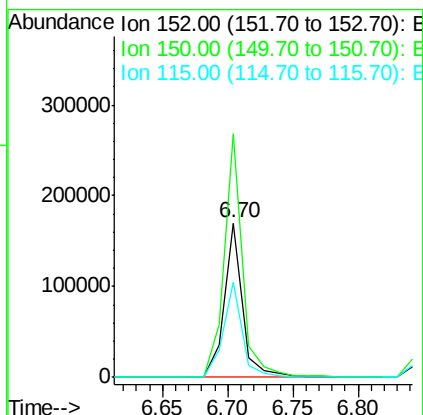
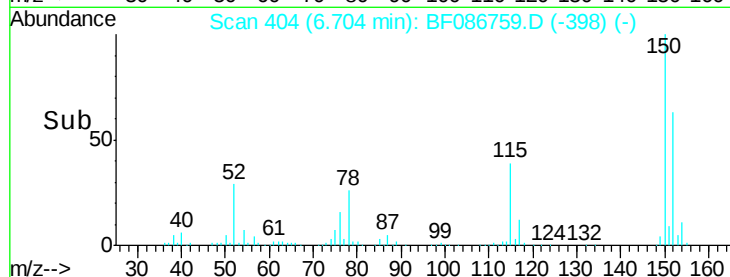
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.03 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001

Tgt Ion:152 Resp: 166448
 Ion Ratio Lower Upper
 152 100
 150 157.9 125.8 188.6
 115 61.3 51.5 77.3

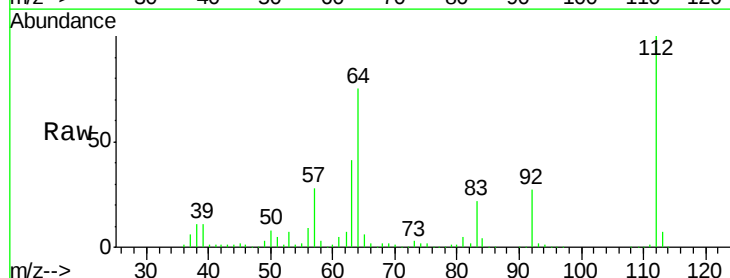


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

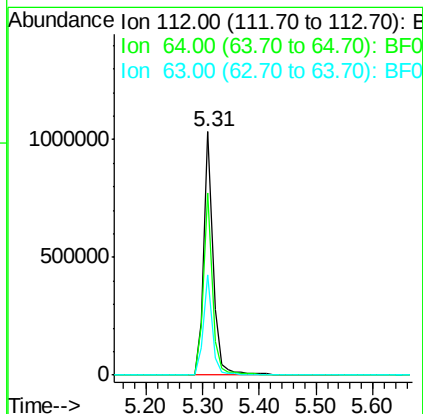
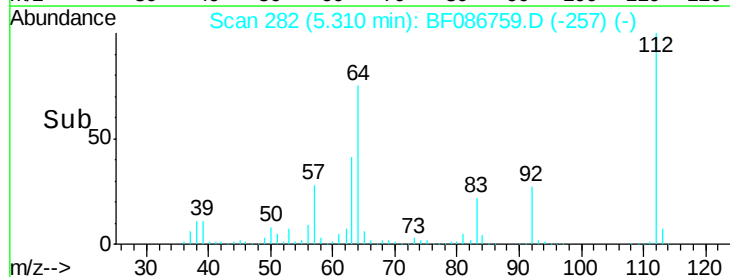


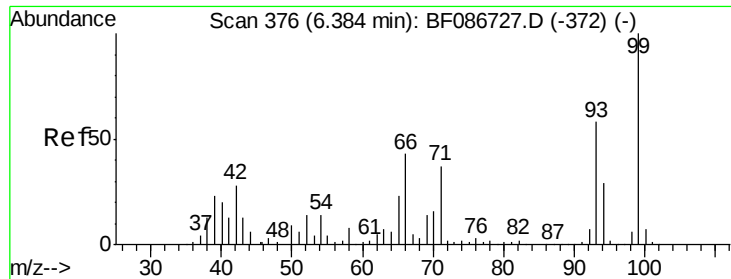
#5
 2-Fluorophenol
 Concen: 114.95 ng
 RT: 5.31 min Scan# 282
 Delta R.T. -0.01 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

Tgt Ion:112 Resp: 1155749
 Ion Ratio Lower Upper
 112 100
 64 74.9 52.1 78.1
 63 41.3 25.7 38.5#



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





#7

Phenol-d6

Concen: 110.17 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001

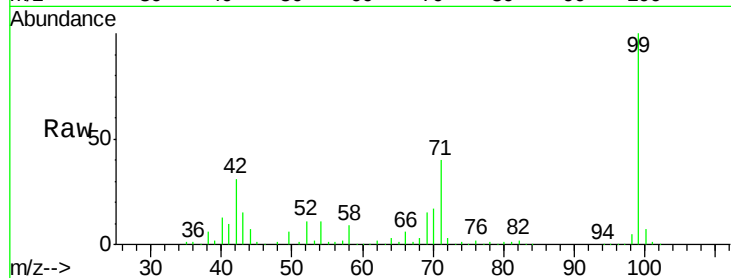
Tgt Ion: 99 Resp: 1492166

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

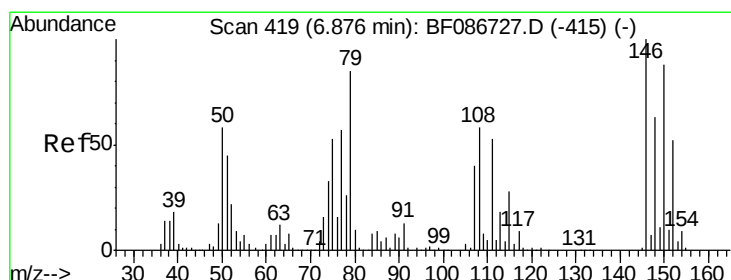
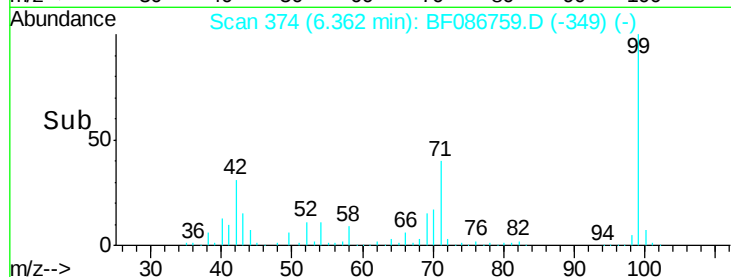
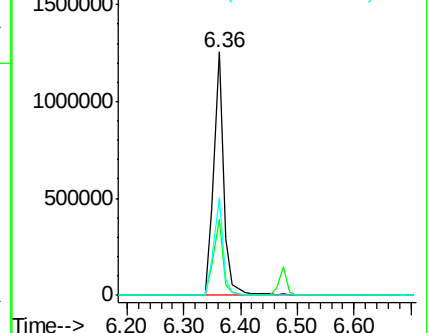
71 40.4 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

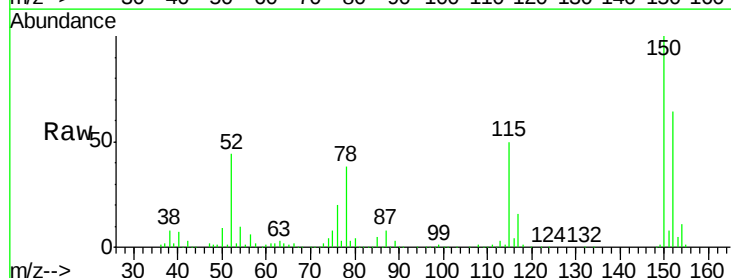
Tgt Ion: 79 Resp: 19137

Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

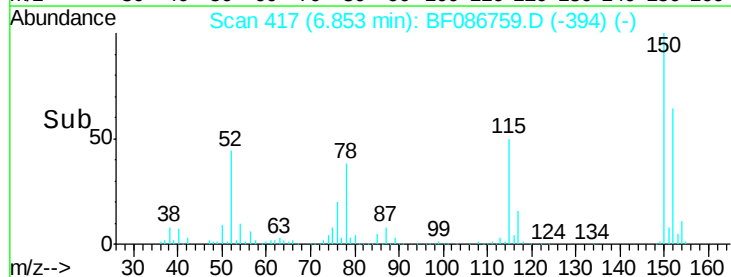
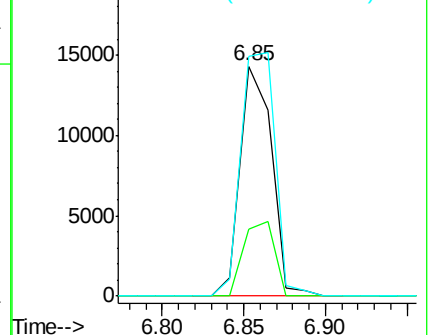
77 104.1 50.6 76.0#

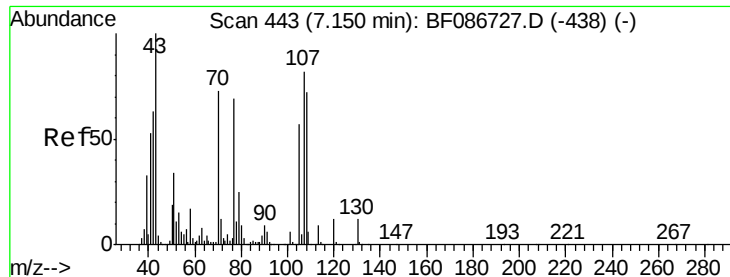


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

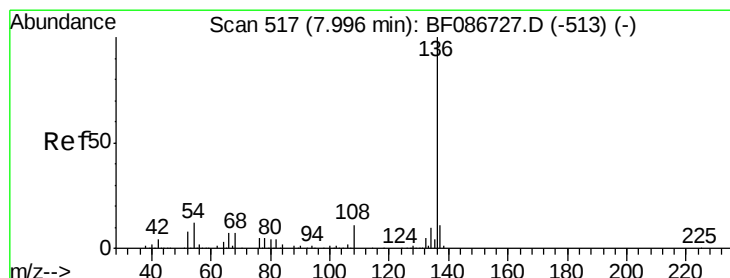
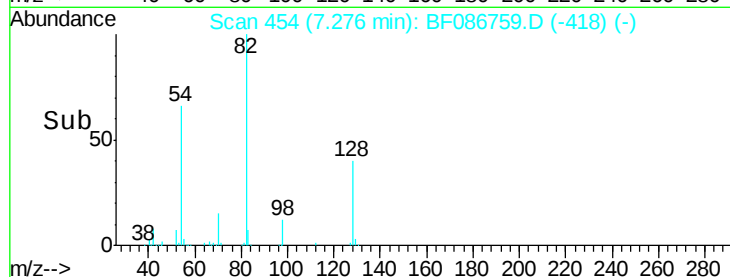
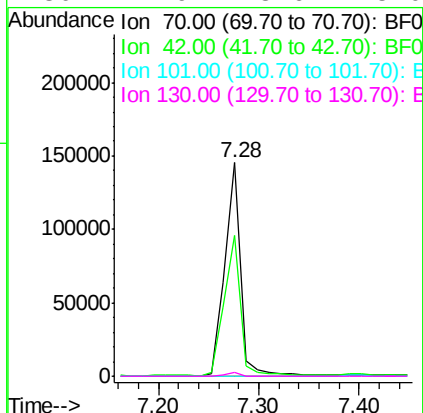
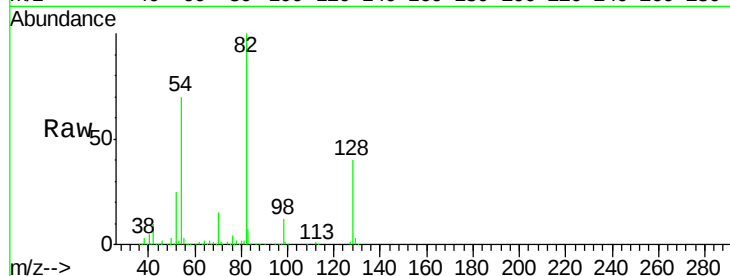




#19
n-Nitroso-di-n-propylamine
Concen: 17.43 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.11 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

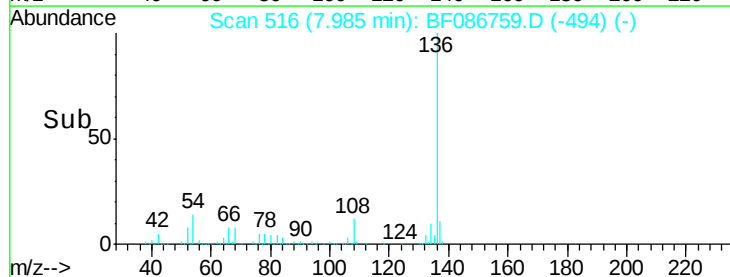
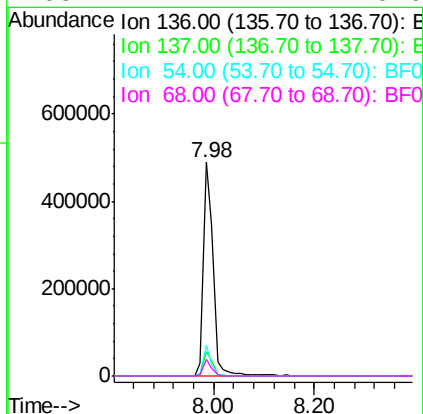
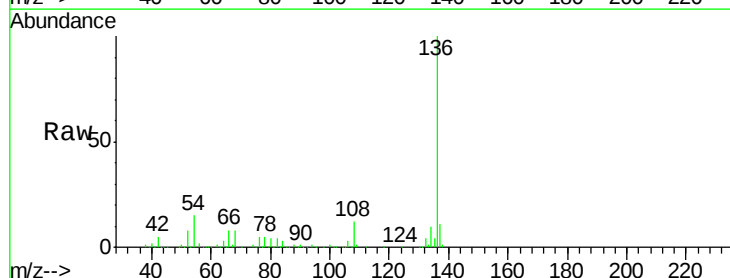
Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

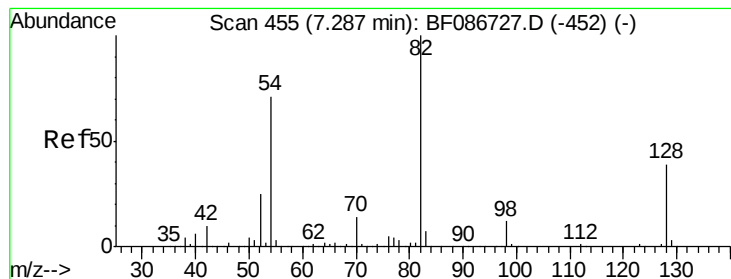
Tgt Ion: 70 Resp: 161254
Ion Ratio Lower Upper
70 100
42 66.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion: 136 Resp: 657234
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 14.5 5.0 7.4#
68 7.7 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 88.51 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001

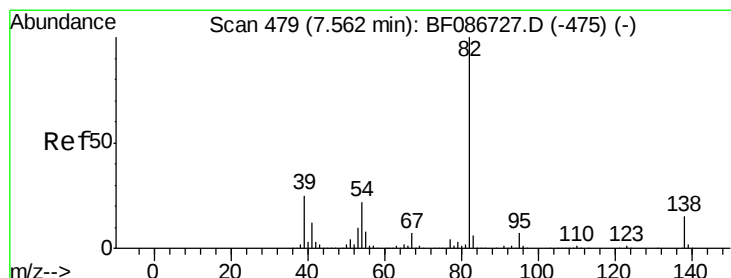
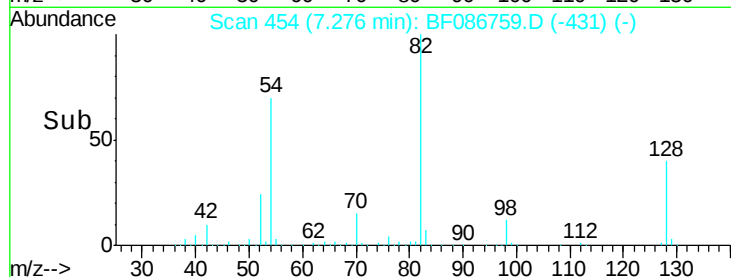
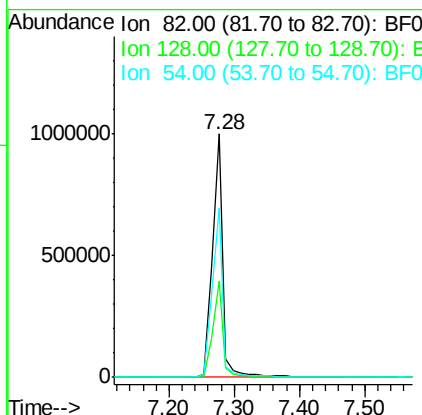
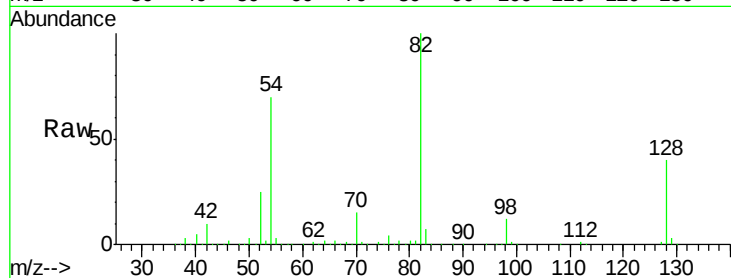
Tgt Ion: 82 Resp: 1132076

Ion Ratio Lower Upper

82 100

128 39.6 40.6 61.0#

54 69.8 38.1 57.1#



#25

Isophorone

Concen: 45.98 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.30 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

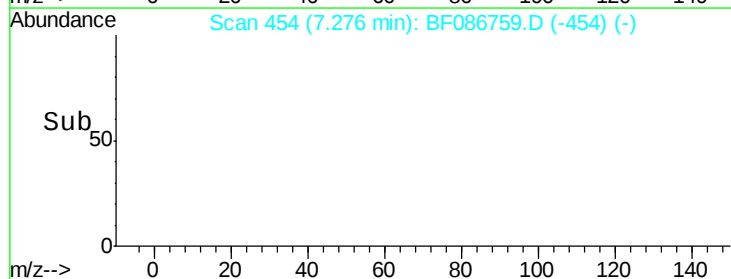
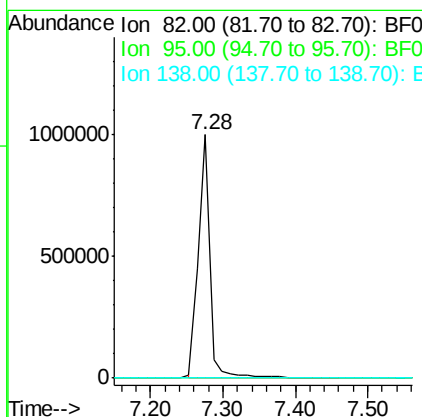
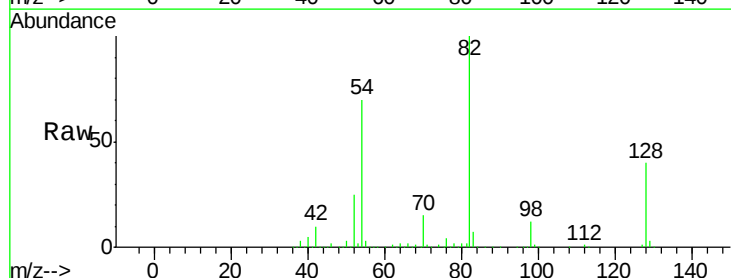
Tgt Ion: 82 Resp: 1095163

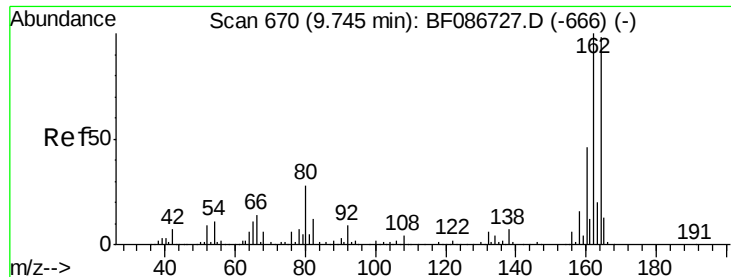
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#

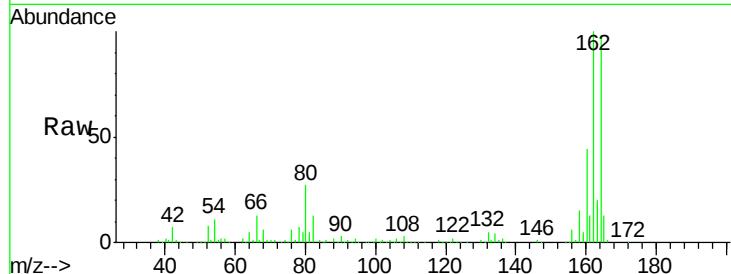




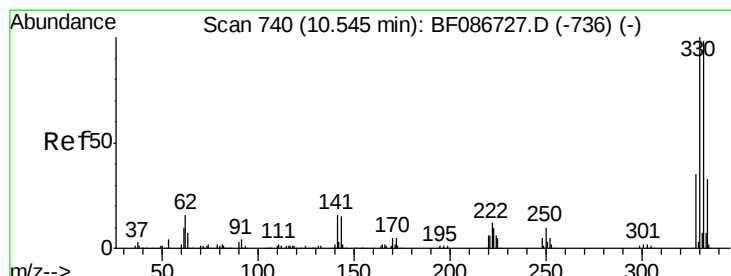
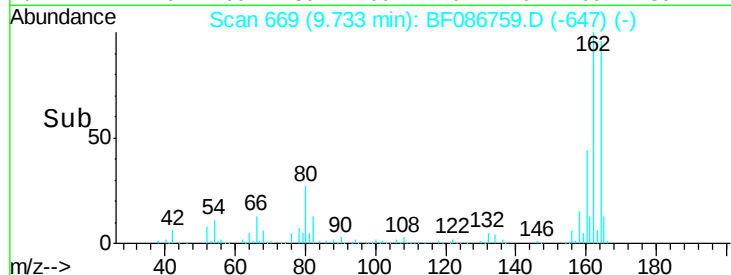
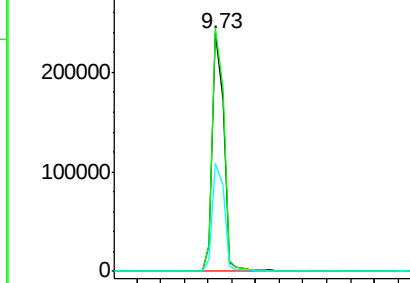
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:164 Resp: 320668
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 45.2 36.9 55.3

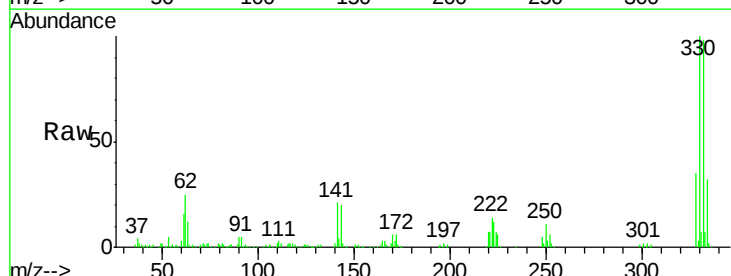


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

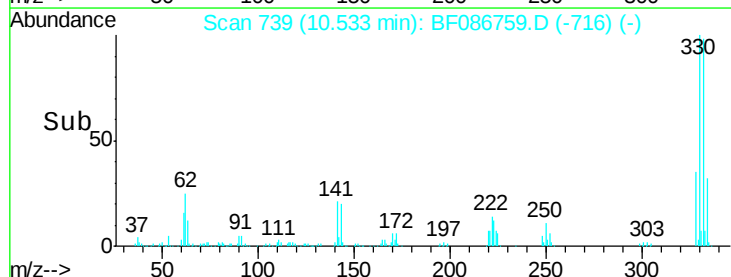
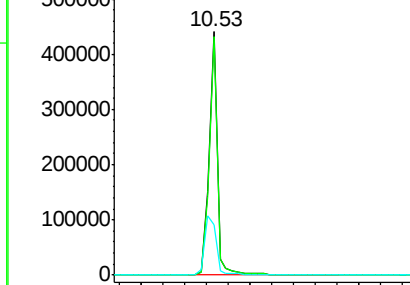


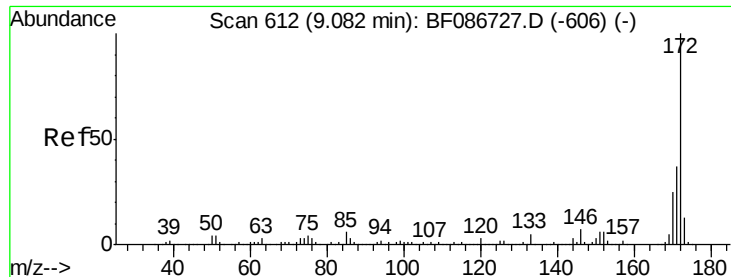
#41
2,4,6-Tribromophenol
Concen: 147.66 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:330 Resp: 463182
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 33.9 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

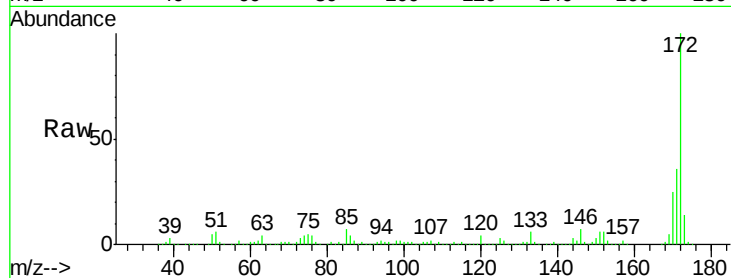




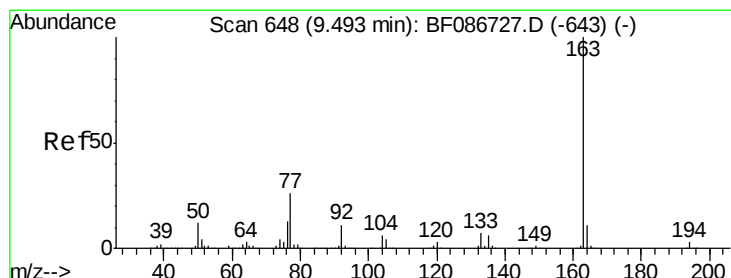
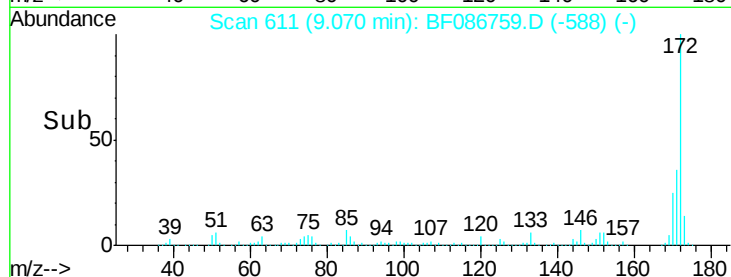
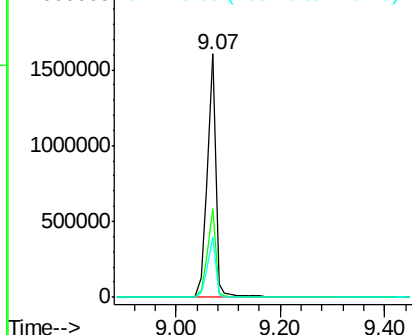
#44
2-Fluorobiphenyl
Concen: 93.71 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion:172 Resp: 1833182
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 25.1 19.8 29.8

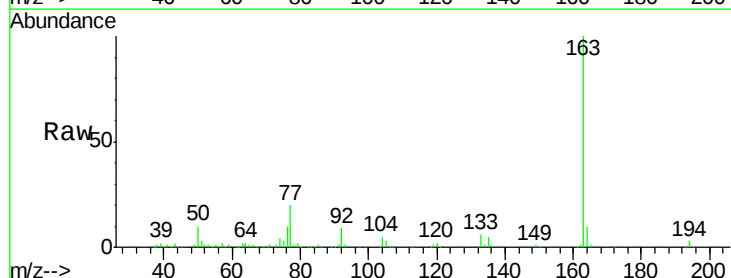


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

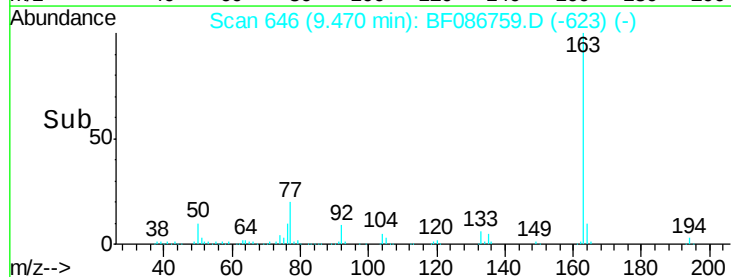
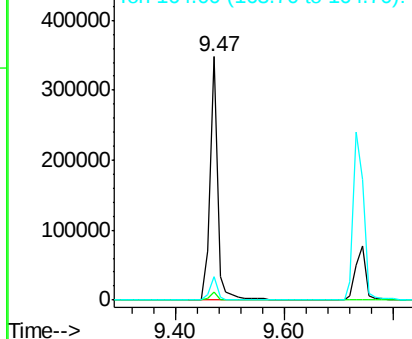


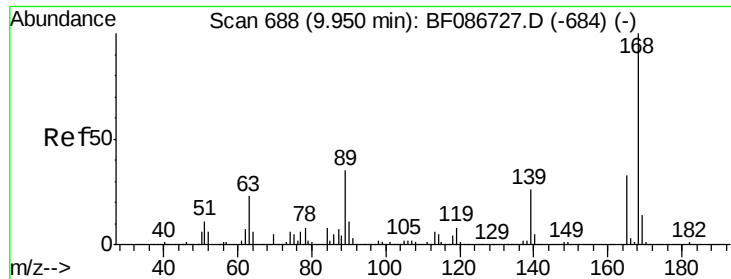
#49
Dimethylphthalate
Concen: 14.20 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Tgt Ion:163 Resp: 339542
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 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

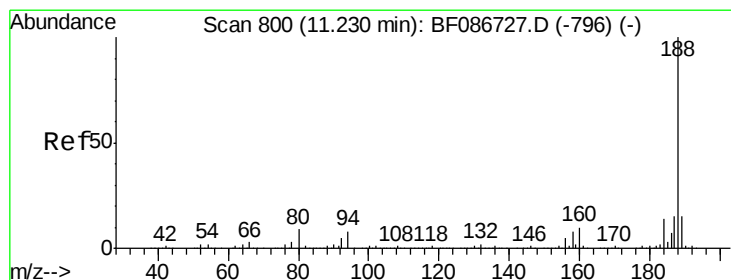
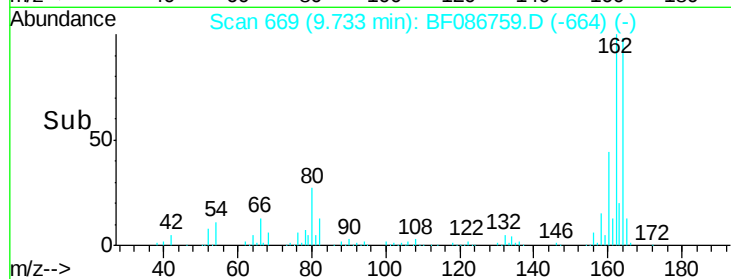
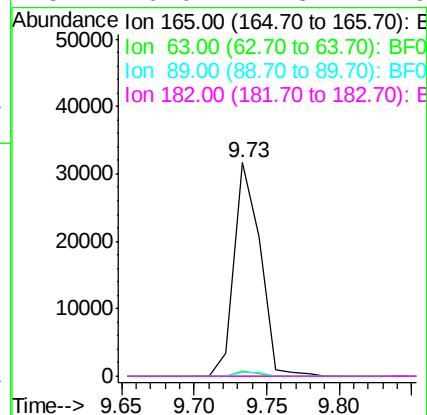
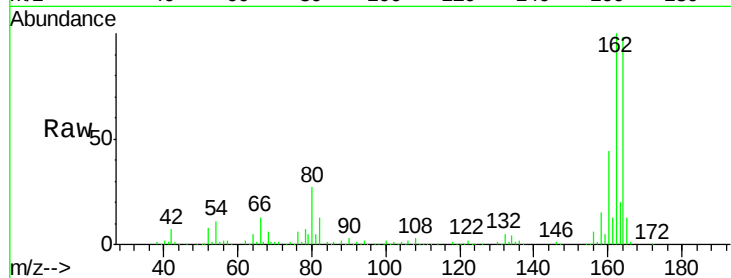




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.24 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

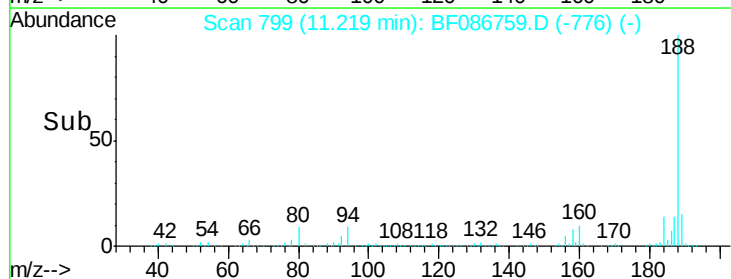
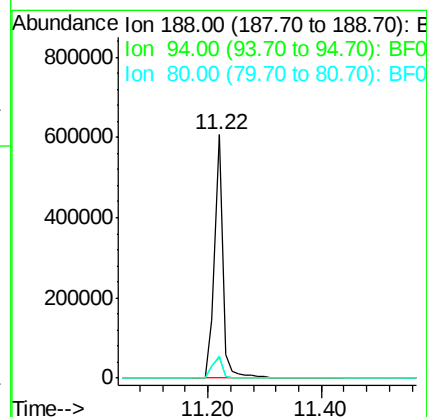
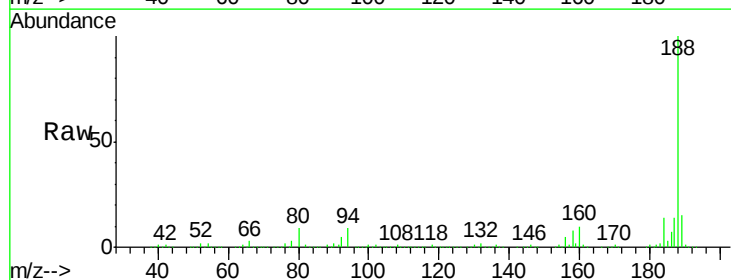
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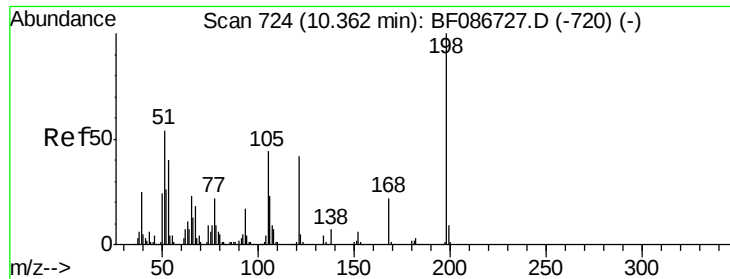
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.1	10.7

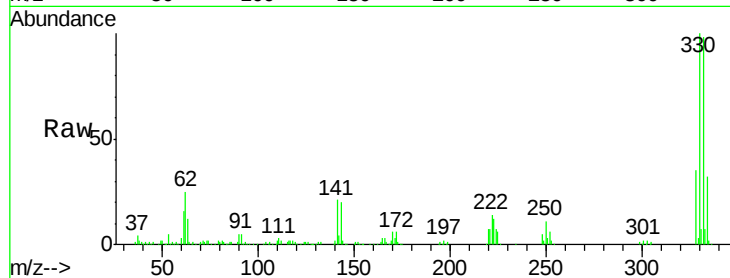




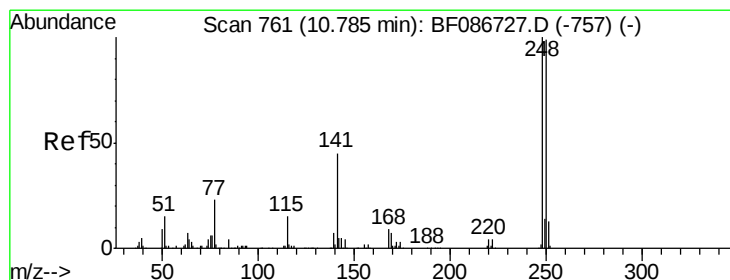
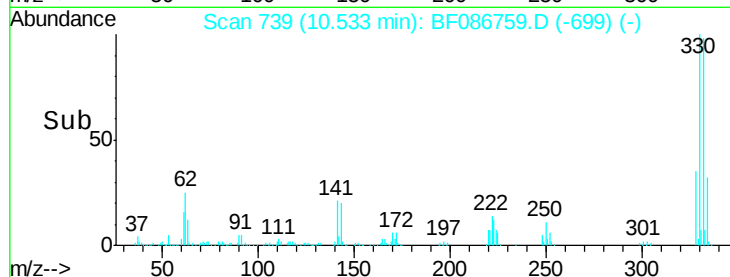
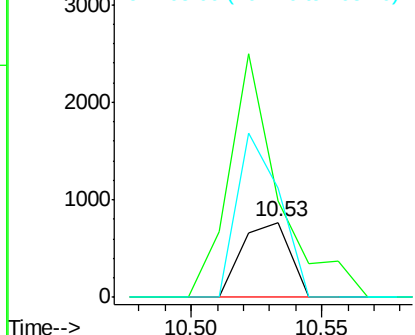
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.58 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.16 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

Instrument :
 BNA_F
 ClientSampleId :
 IM-MICHELINI-001

Tgt Ion:198 Resp: 981
 Ion Ratio Lower Upper
 198 100
 51 129.0 20.5 60.5#
 105 145.3 24.5 64.5#

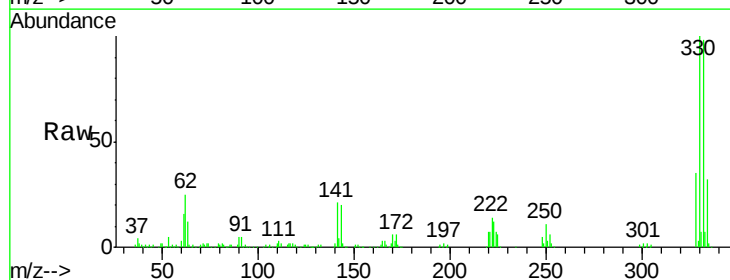


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

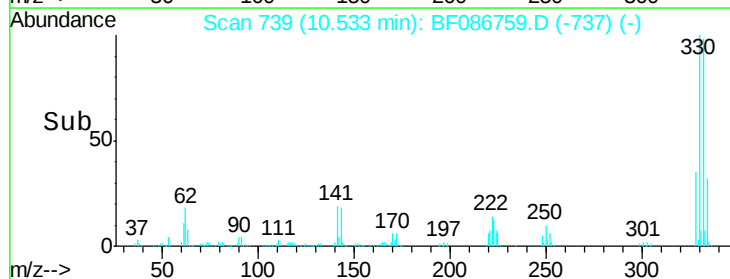
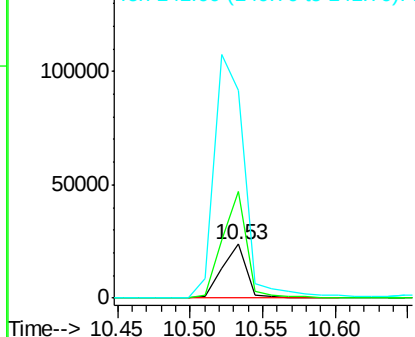


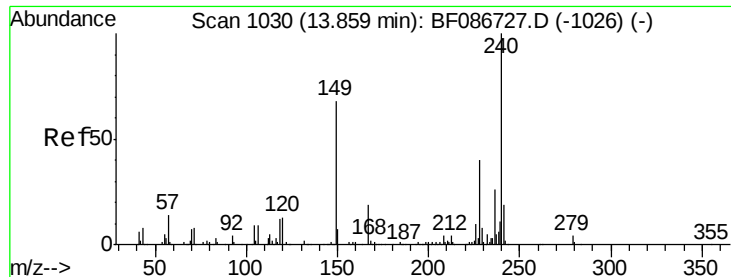
#66
 4-Bromophenyl-phenylether
 Concen: 4.63 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.27 min
 Lab File: BF086759.D
 Acq: 7 May 2016 8:03

Tgt Ion:248 Resp: 27597
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.6 117.8#
 141 385.5 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





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

Instrument :

BNA_F

ClientSampleId :

IM-MICHELINI-001

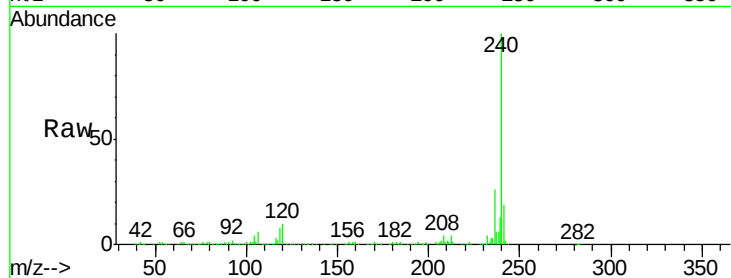
Tgt Ion:240 Resp: 410740

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

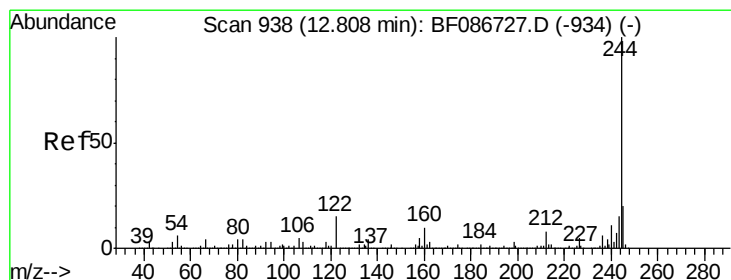
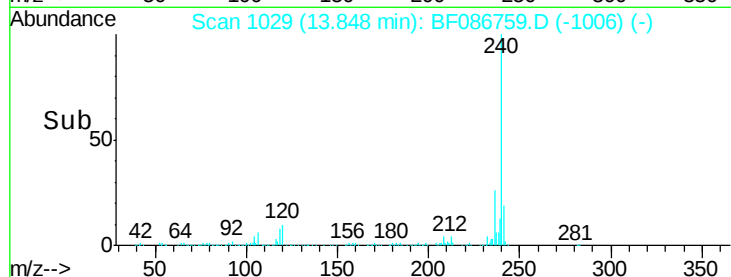
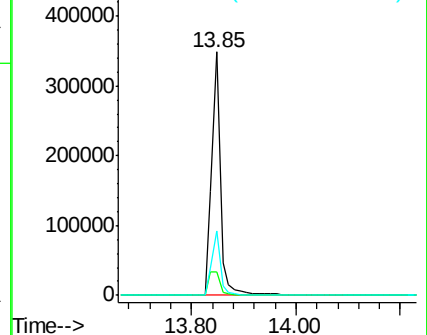
236 26.3 21.2 31.8



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



#78

Terphenyl-d14

Concen: 77.84 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.03 min

Lab File: BF086759.D

Acq: 7 May 2016 8:03

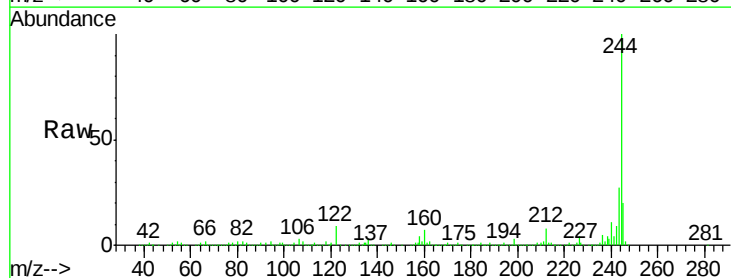
Tgt Ion:244 Resp: 1582025

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

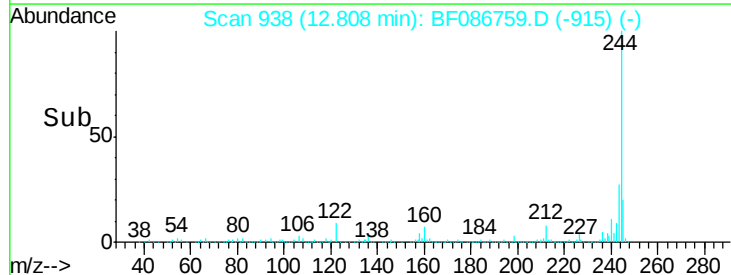
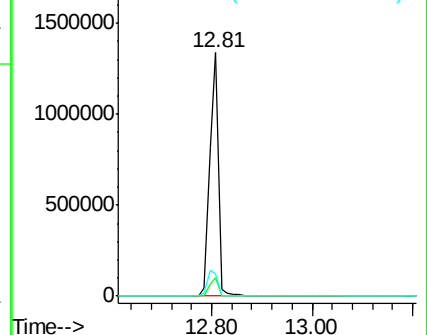
122 9.1 12.0 18.0#

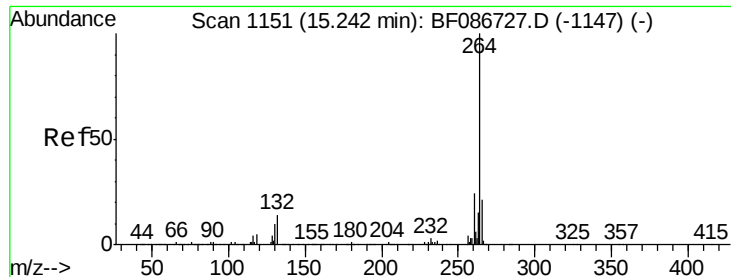


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086759.D
Acq: 7 May 2016 8:03

Instrument :
BNA_F
ClientSampleId :
IM-MICHELINI-001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.3	17.3	25.9

