

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086989.D
 Acq On : 14 May 2016 00:17
 Operator : UM/SJ
 Sample : H2877-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Quant Time: May 14 01:39:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

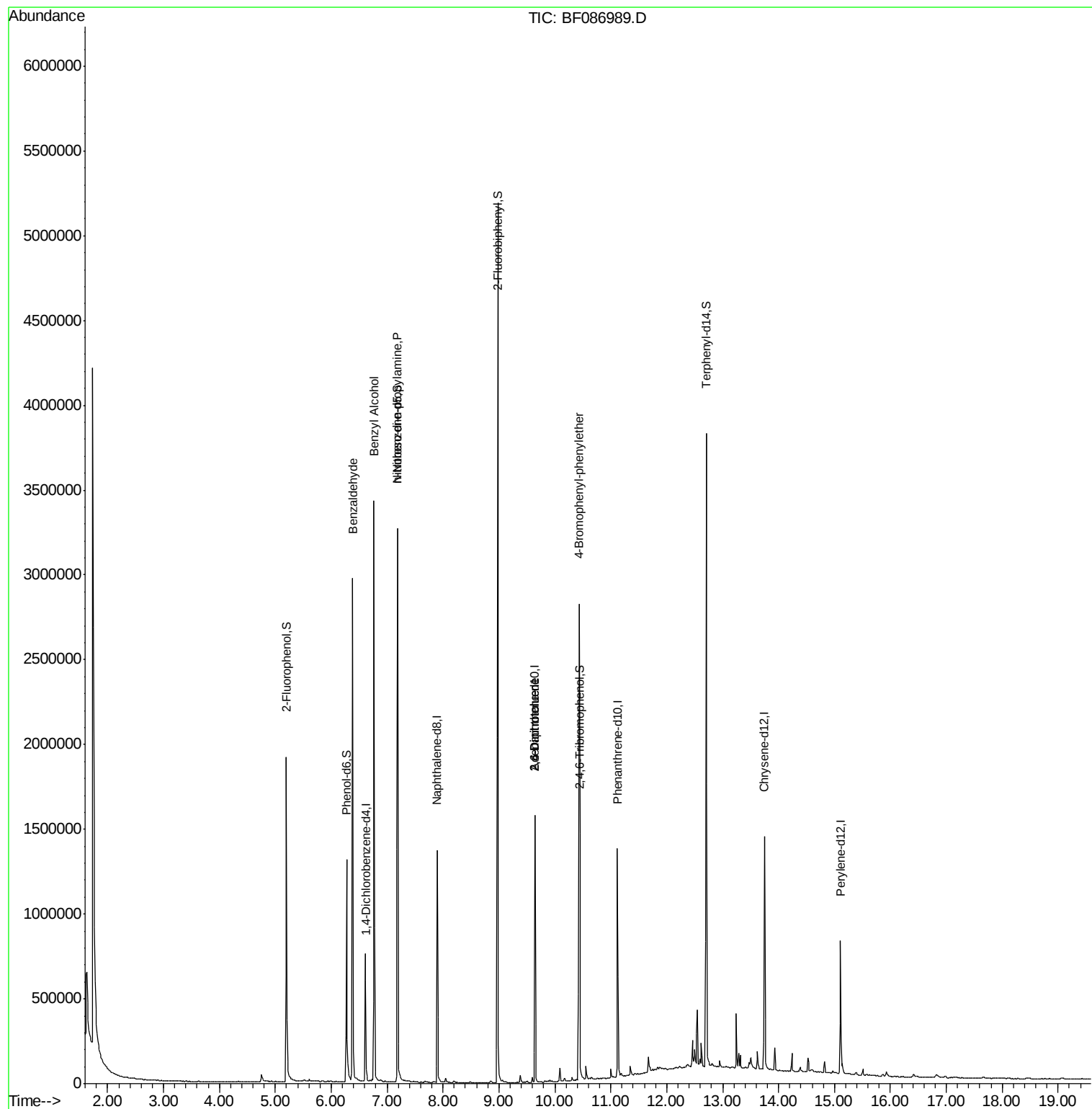
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	148035	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	608417	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	289809	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	528845	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	440304	20.00	ng	-0.01
86) Perylene-d12	15.11	264	323393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	548134	62.71	ng	0.00
7) Phenol-d6	6.27	99	442776	37.90	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1094664	90.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	418818	136.51	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1616887	93.77	ng	0.00
78) Terphenyl-d14	12.71	244	1355430	65.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.39	77	27192	4.02	ng	# 80
15) Benzyl Alcohol	6.76	79	17727	2.20	ng	# 43
19) n-Nitroso-di-n-propylamine	7.19	70	155156	19.00	ng	# 73
50) 2,6-Dinitrotoluene	9.64	165	37763	8.12	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	37763	6.56	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	24499	4.57	ng	# 1

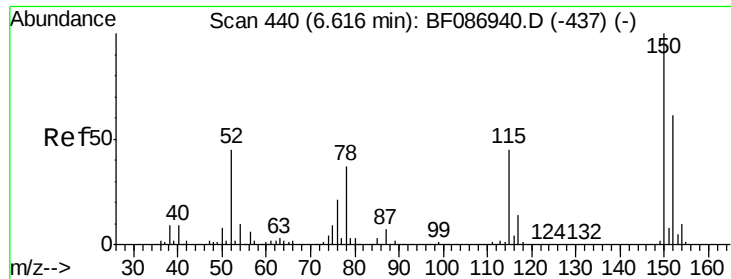
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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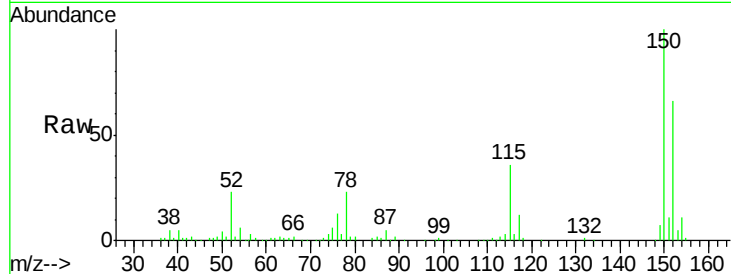


#1

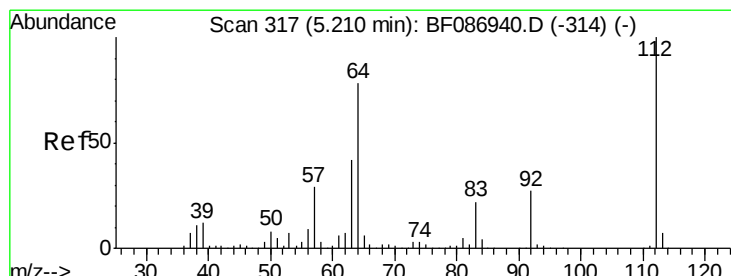
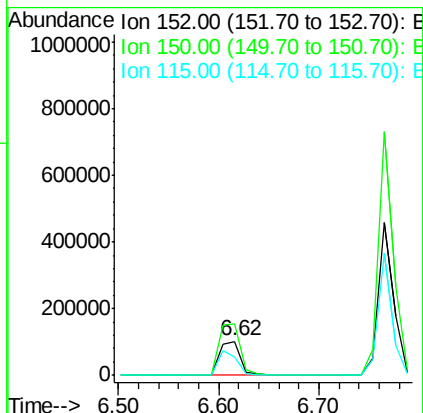
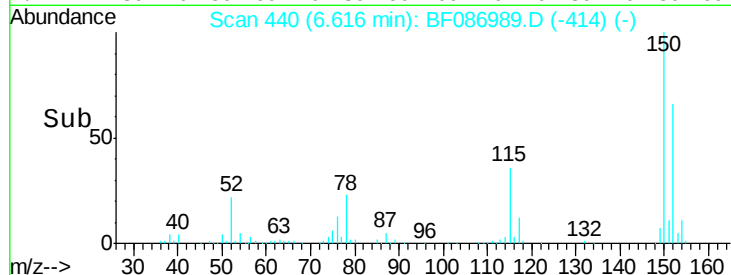
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

Instrument :
BNA_F
ClientSampleId :
MW-10

Tgt Ion:152 Resp: 148035
Ion Ratio Lower Upper
152 100
150 151.7 125.8 188.6
115 55.0 51.5 77.3



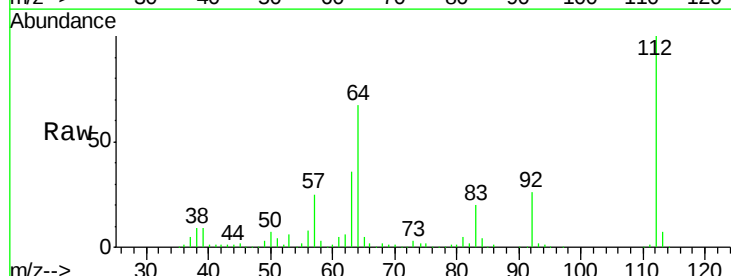
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



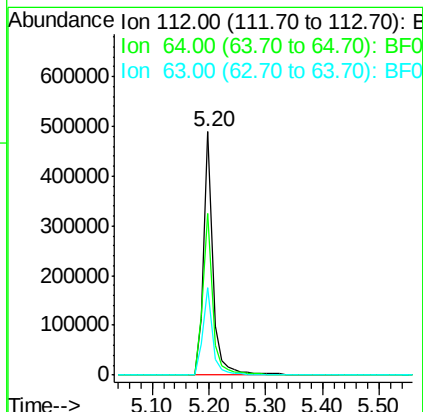
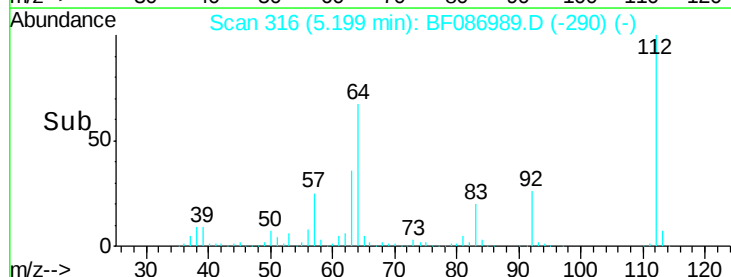
#5

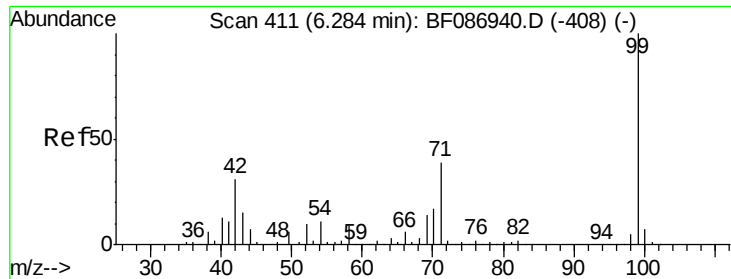
2-Fluorophenol
Concen: 62.71 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

Tgt Ion:112 Resp: 548134
Ion Ratio Lower Upper
112 100
64 66.6 52.1 78.1
63 35.8 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: 37.90 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

Instrument :

BNA_F

ClientSampled :

MW-10

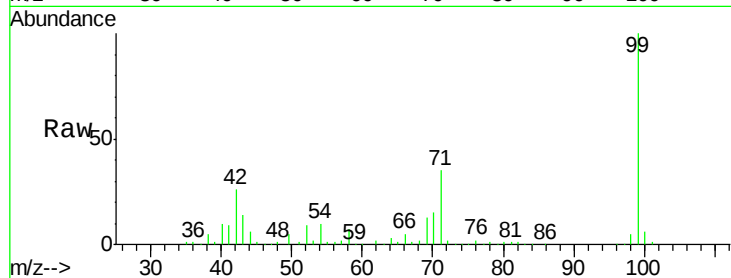
Tgt Ion: 99 Resp: 442776

Ion Ratio Lower Upper

99 100

42 25.7 13.6 20.4#

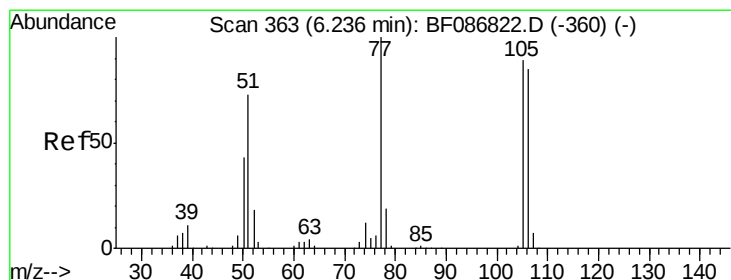
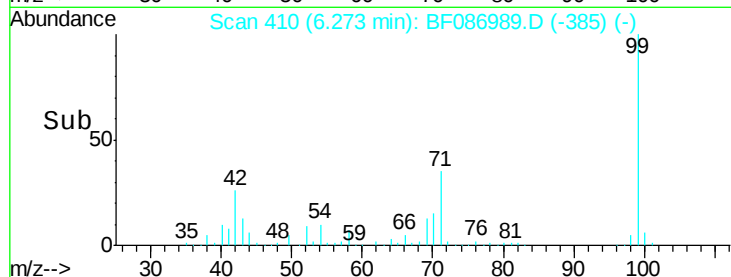
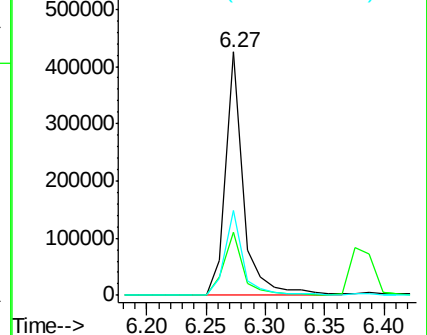
71 34.7 24.6 36.8



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



#9

Benzaldehyde

Concen: 4.02 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

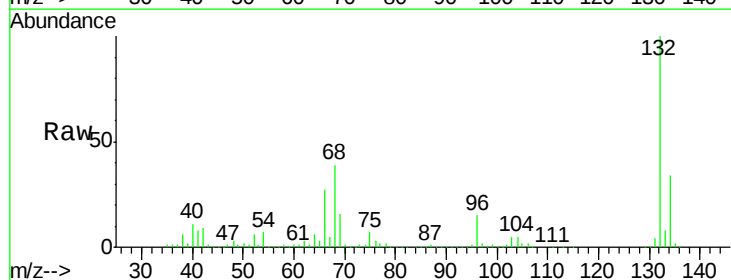
Tgt Ion: 77 Resp: 27192

Ion Ratio Lower Upper

77 100

105 79.8 72.7 112.7

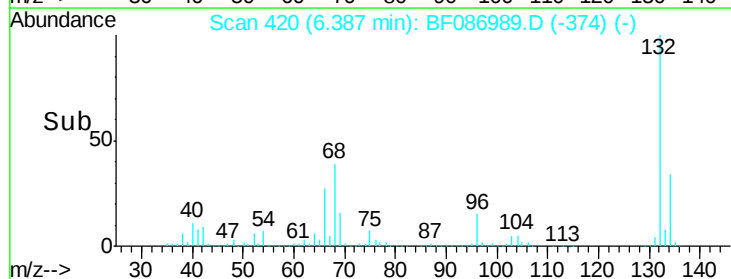
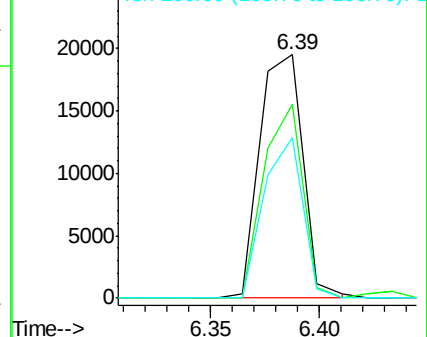
106 65.8 70.8 110.8#

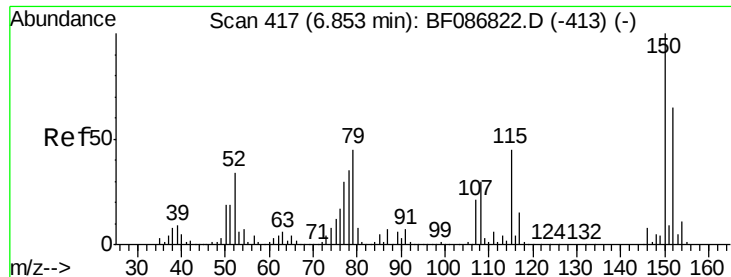


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

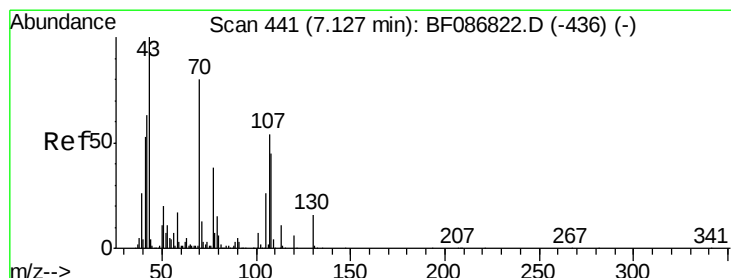
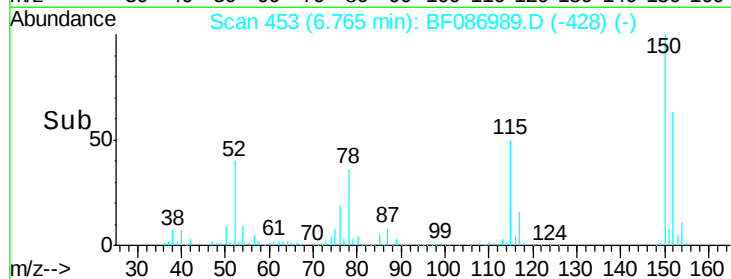
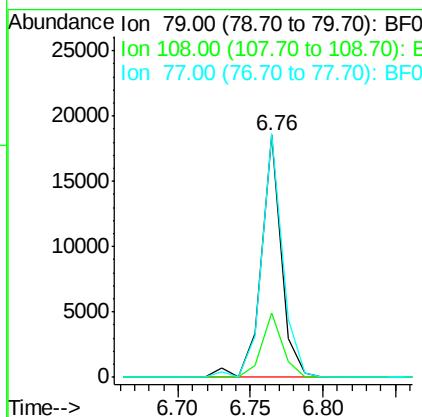
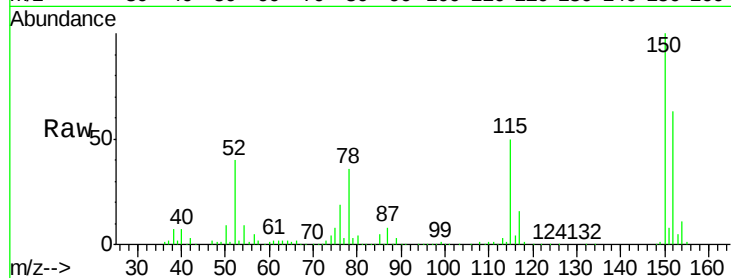




#15
Benzyl Alcohol
Concen: 2.20 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

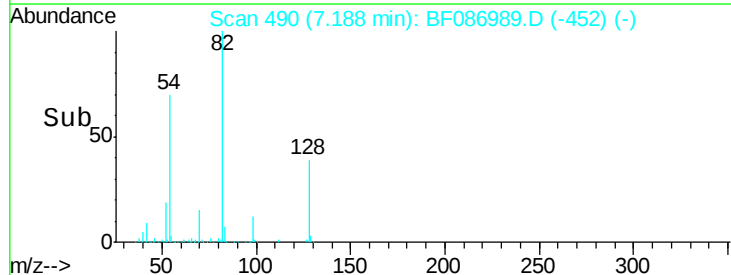
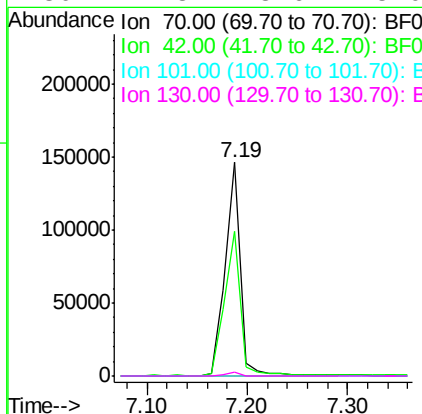
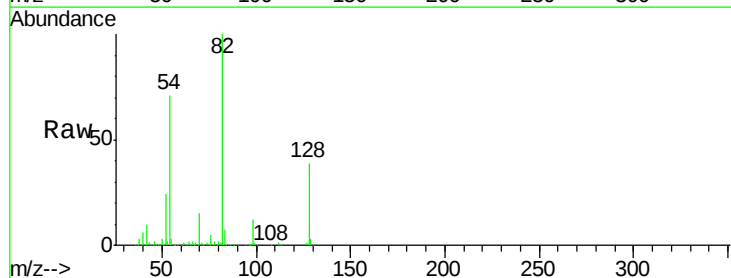
Instrument :
BNA_F
ClientSampled :
MW-10

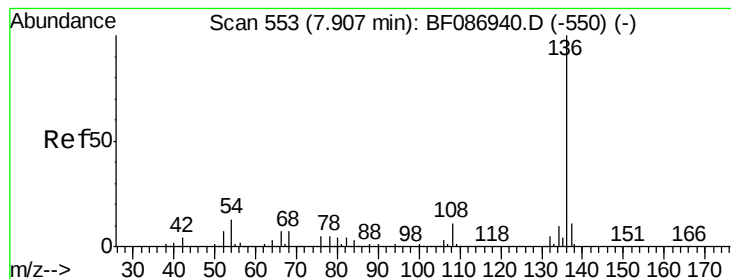
Tgt Ion: 79 Resp: 17727
Ion Ratio Lower Upper
79 100
108 26.8 68.4 102.6#
77 100.5 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 19.00 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

Tgt Ion: 70 Resp: 155156
Ion Ratio Lower Upper
70 100
42 67.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

Instrument :

BNA_F

ClientSampled :

MW-10

Tgt Ion:136 Resp: 608417

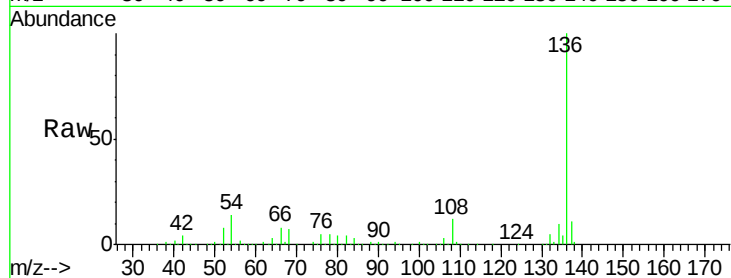
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.9 5.0 7.4#

68 7.3 4.4 6.6#

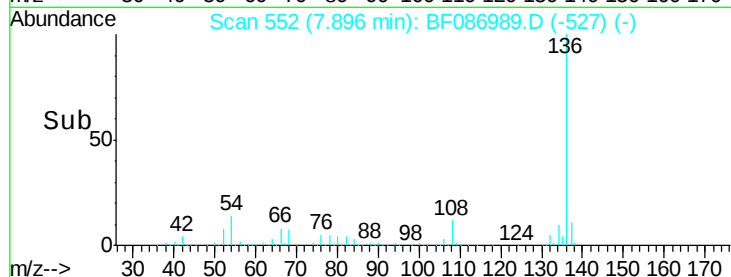


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.90

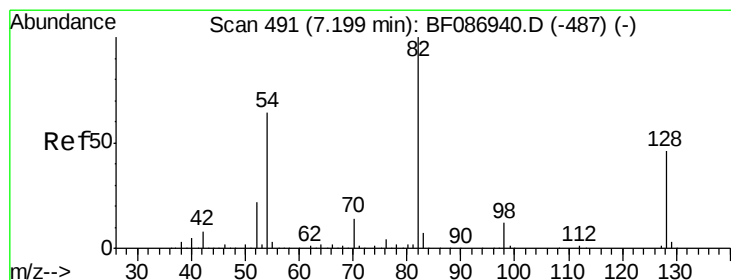
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 90.34 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

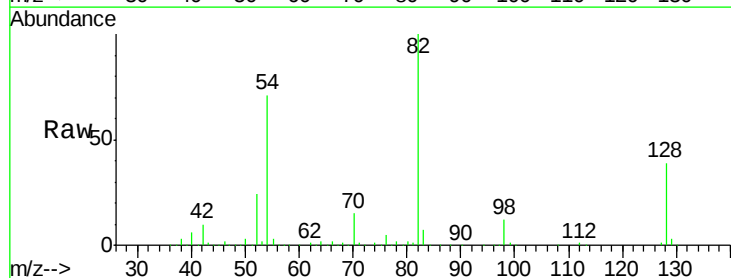
Tgt Ion: 82 Resp: 1094664

Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

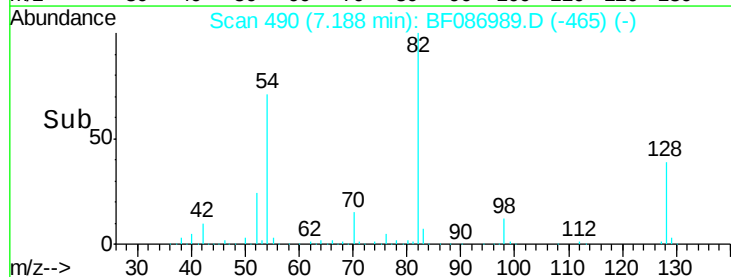
54 71.1 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Abundance

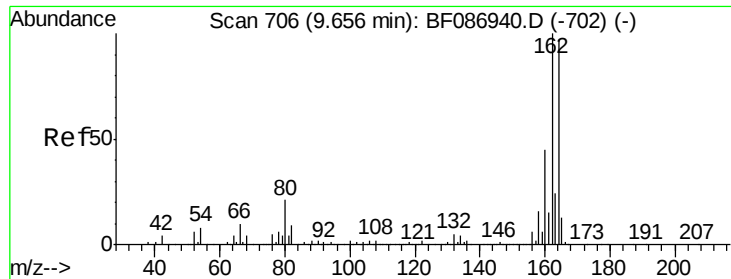
7.19

1000000

500000

0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

Instrument :

BNA_F

ClientSampleId :

MW-10

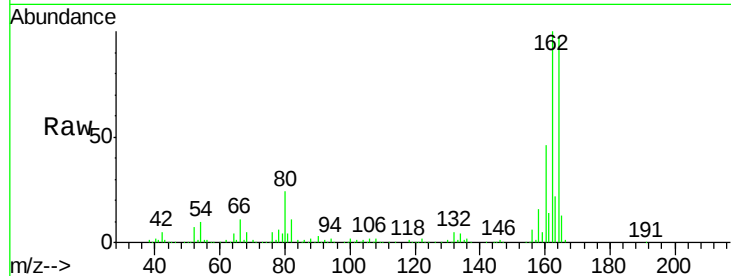
Tgt Ion:164 Resp: 289809

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

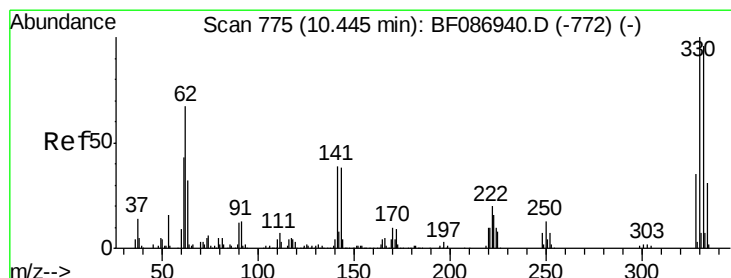
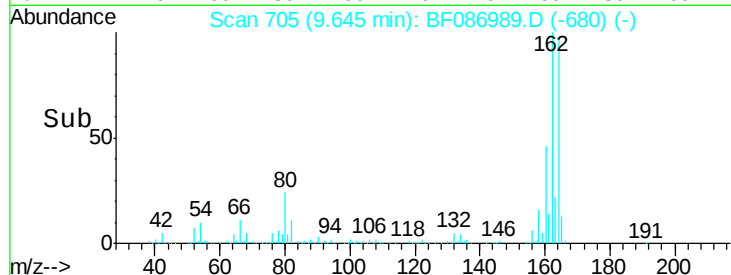
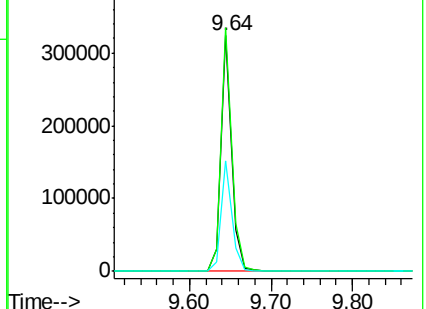
160 47.2 36.9 55.3



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: 136.51 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

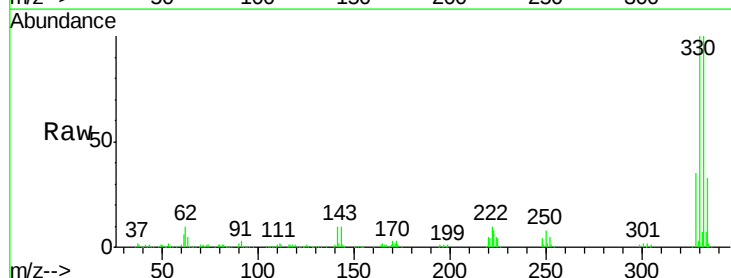
Tgt Ion:330 Resp: 418818

Ion Ratio Lower Upper

330 100

332 99.1 79.0 118.4

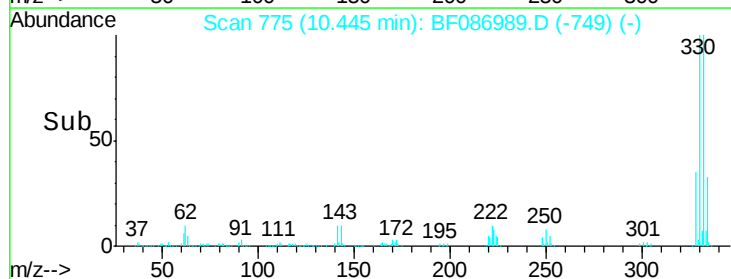
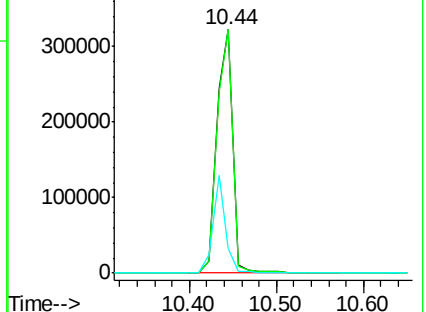
141 31.8 31.2 46.8

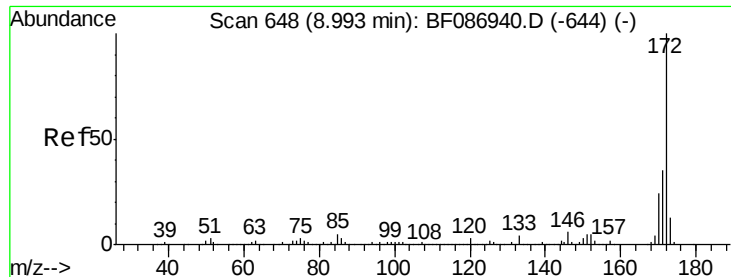


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

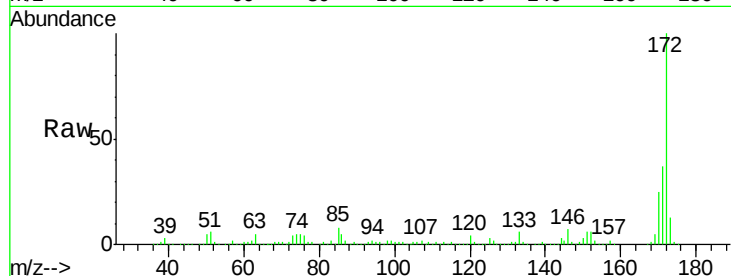




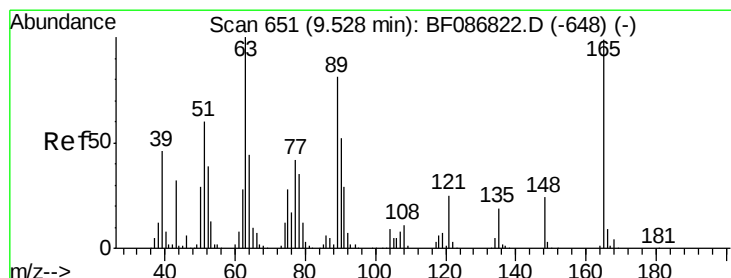
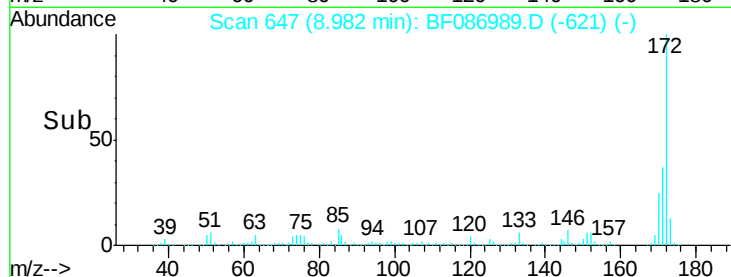
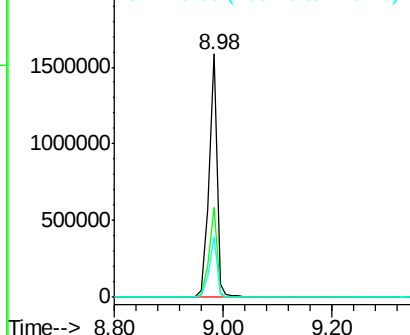
#44
 2-Fluorobiphenyl
 Concen: 93.77 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086989.D
 Acq: 14 May 2016 00:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-10

Tgt Ion:172 Resp: 1616887
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.0 43.6
 170 24.8 19.8 29.8

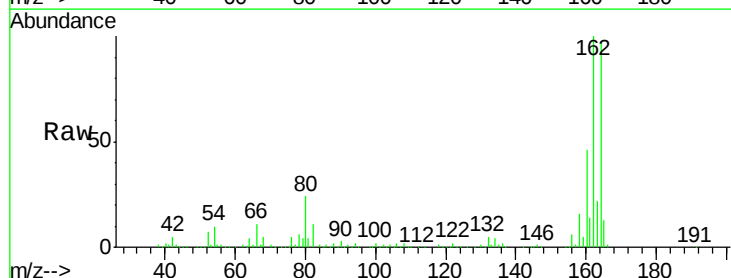


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

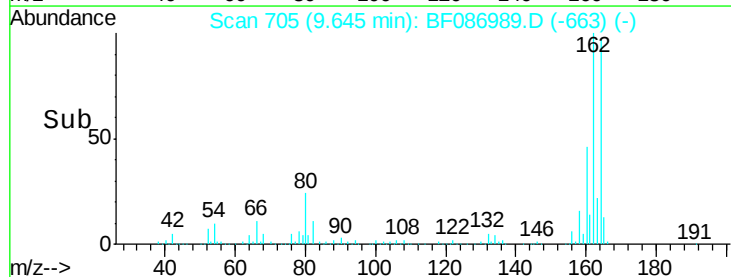
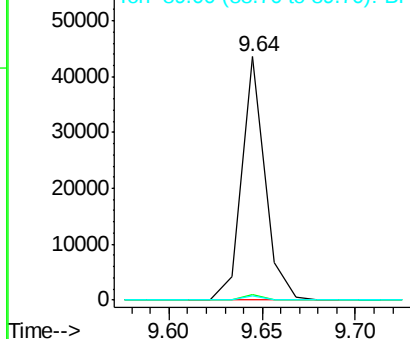


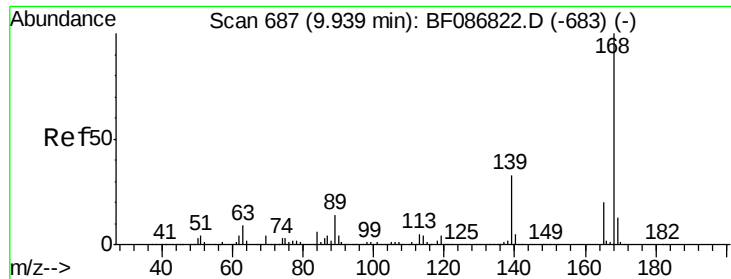
#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF086989.D
 Acq: 14 May 2016 00:17

Tgt Ion:165 Resp: 37763
 Ion Ratio Lower Upper
 165 100
 63 2.2 51.8 77.8#
 89 1.7 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

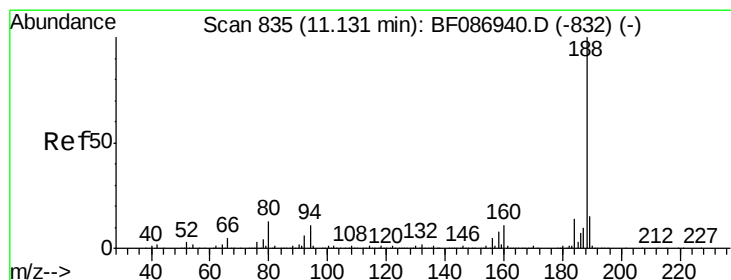
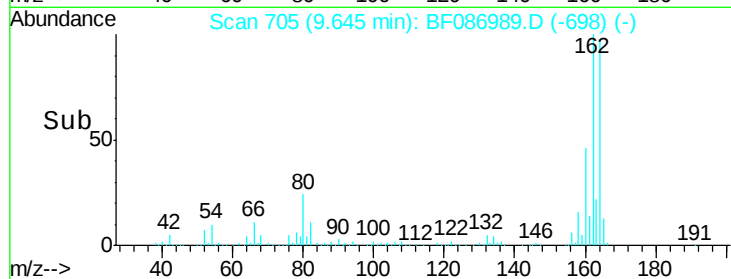
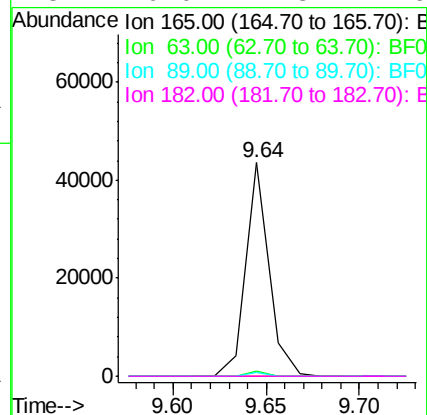
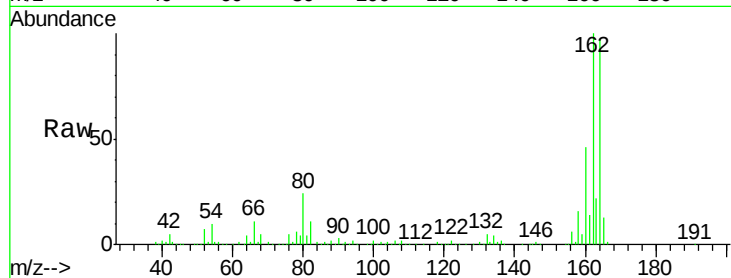




#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.22 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

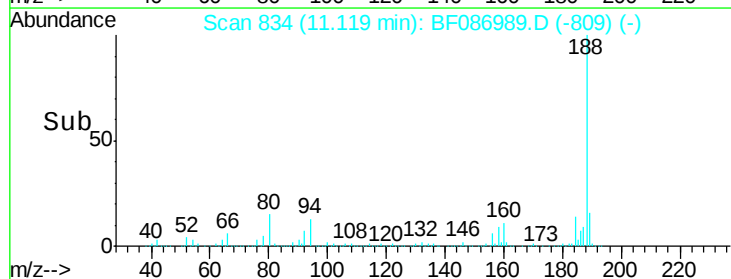
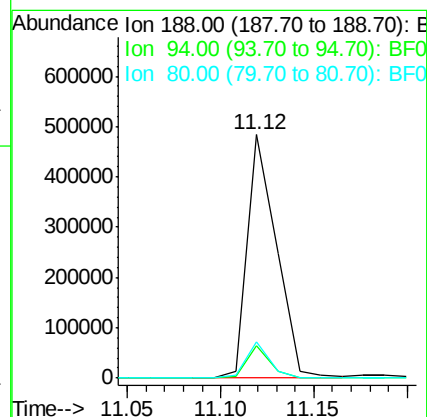
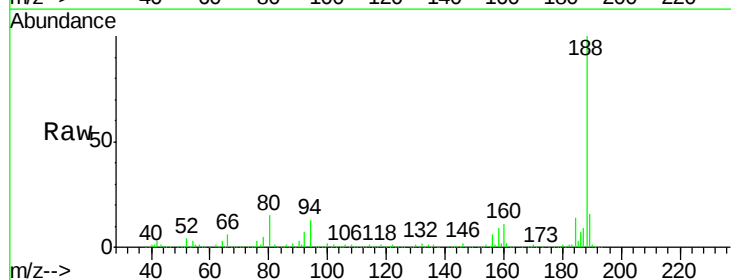
Instrument :
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ClientSampleId :
MW-10

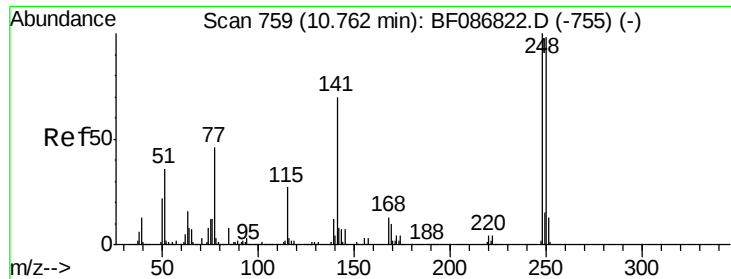
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.3	66.5#
89	1.7	70.0	105.0#
182	0.0	1.8	2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF086989.D
Acq: 14 May 2016 00:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.8	10.2#
80	14.9	7.1	10.7#





#66

4-Bromophenyl-phenylether

Concen: 4.57 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.25 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

Instrument :

BNA_F

ClientSampleId :

MW-10

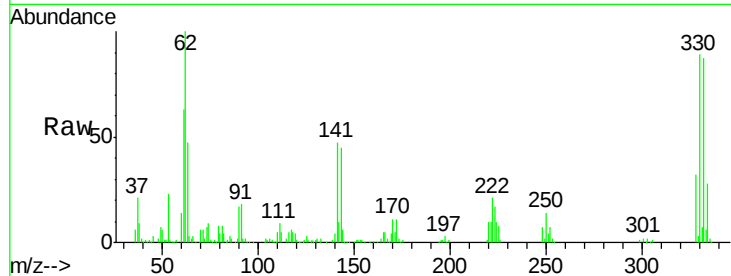
Tgt Ion:248 Resp: 24499

Ion Ratio Lower Upper

248 100

250 199.1 78.6 117.8#

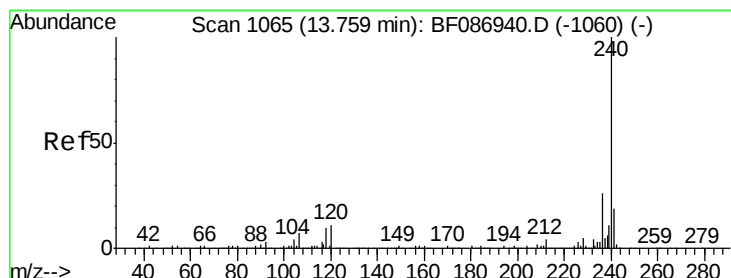
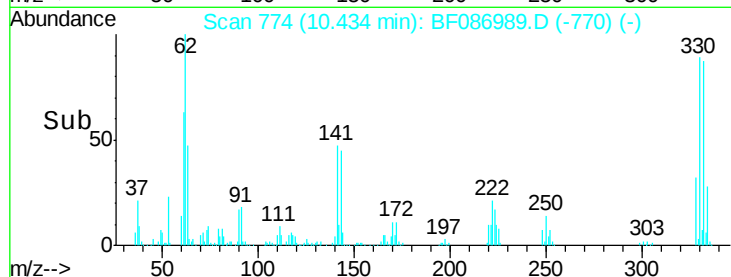
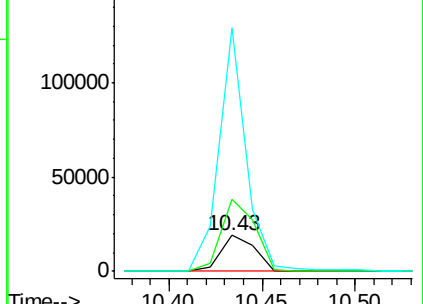
141 674.1 76.0 114.0#



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: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086989.D

Acq: 14 May 2016 00:17

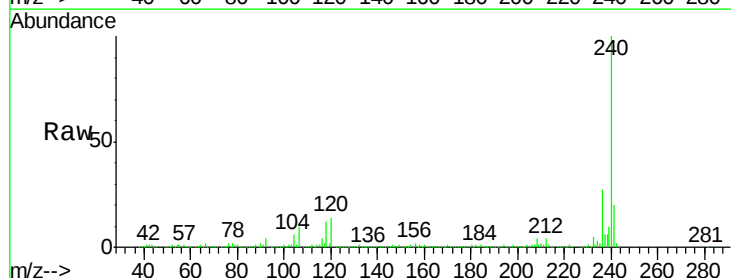
Tgt Ion:240 Resp: 440304

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

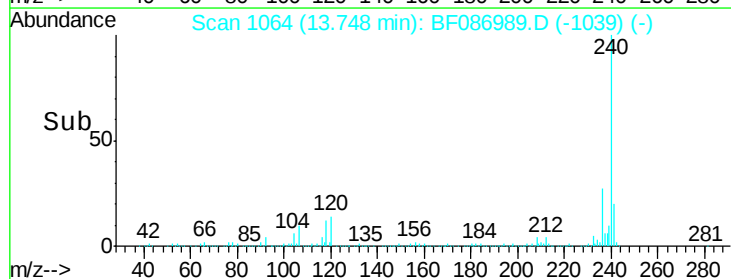
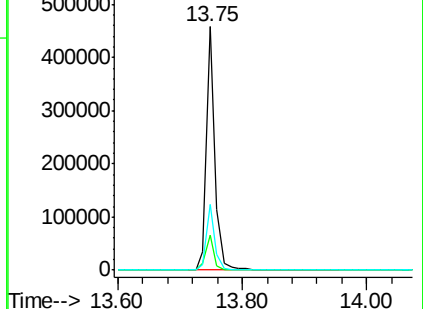
236 26.8 21.2 31.8

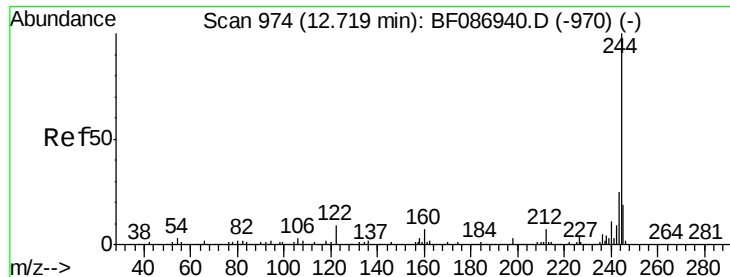


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

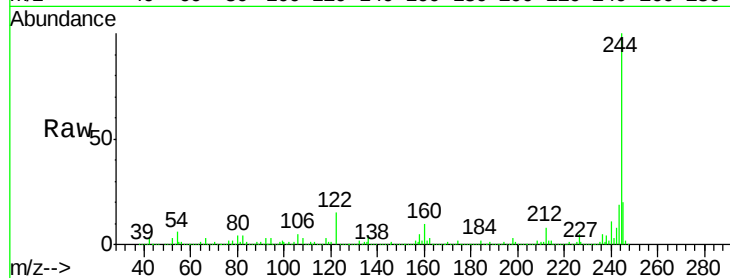




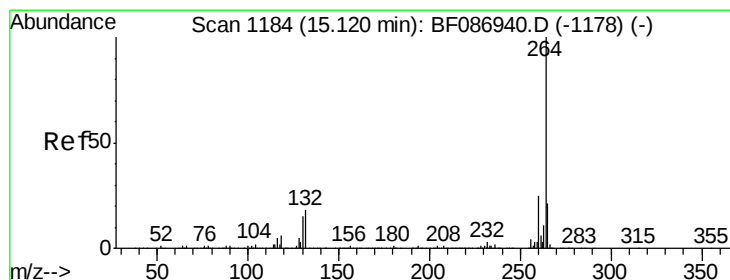
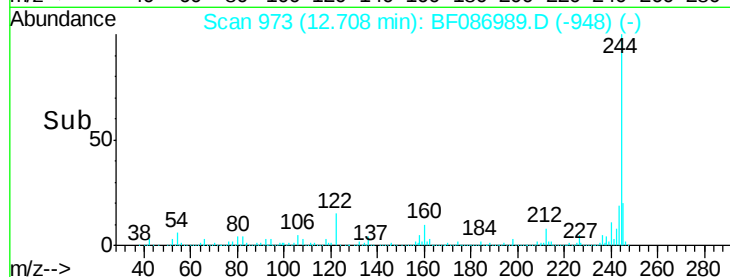
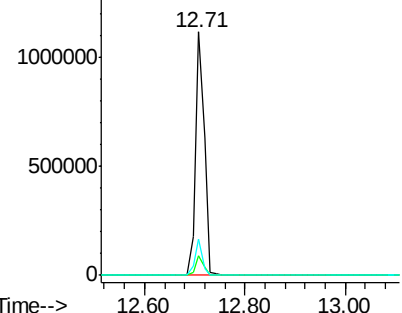
#78
 Terphenyl-d14
 Concen: 65.31 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF086989.D
 Acq: 14 May 2016 00:17

Instrument :
 BNA_F
 ClientSampled :
 MW-10

Tgt Ion:244 Resp: 1355430
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 14.7 12.0 18.0

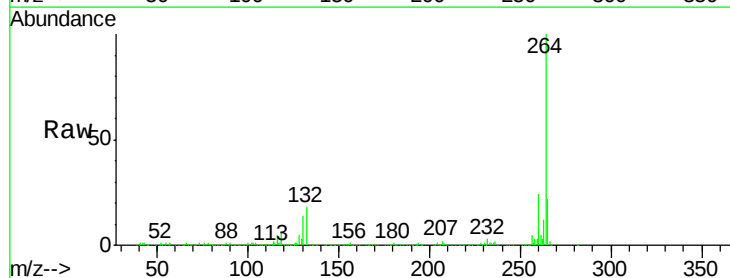


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086989.D
 Acq: 14 May 2016 00:17

Tgt Ion:264 Resp: 323393
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.9 17.3 25.9



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

