

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086988.D
 Acq On : 13 May 2016 23:48
 Operator : UM/SJ
 Sample : H2877-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: May 14 01:39:08 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

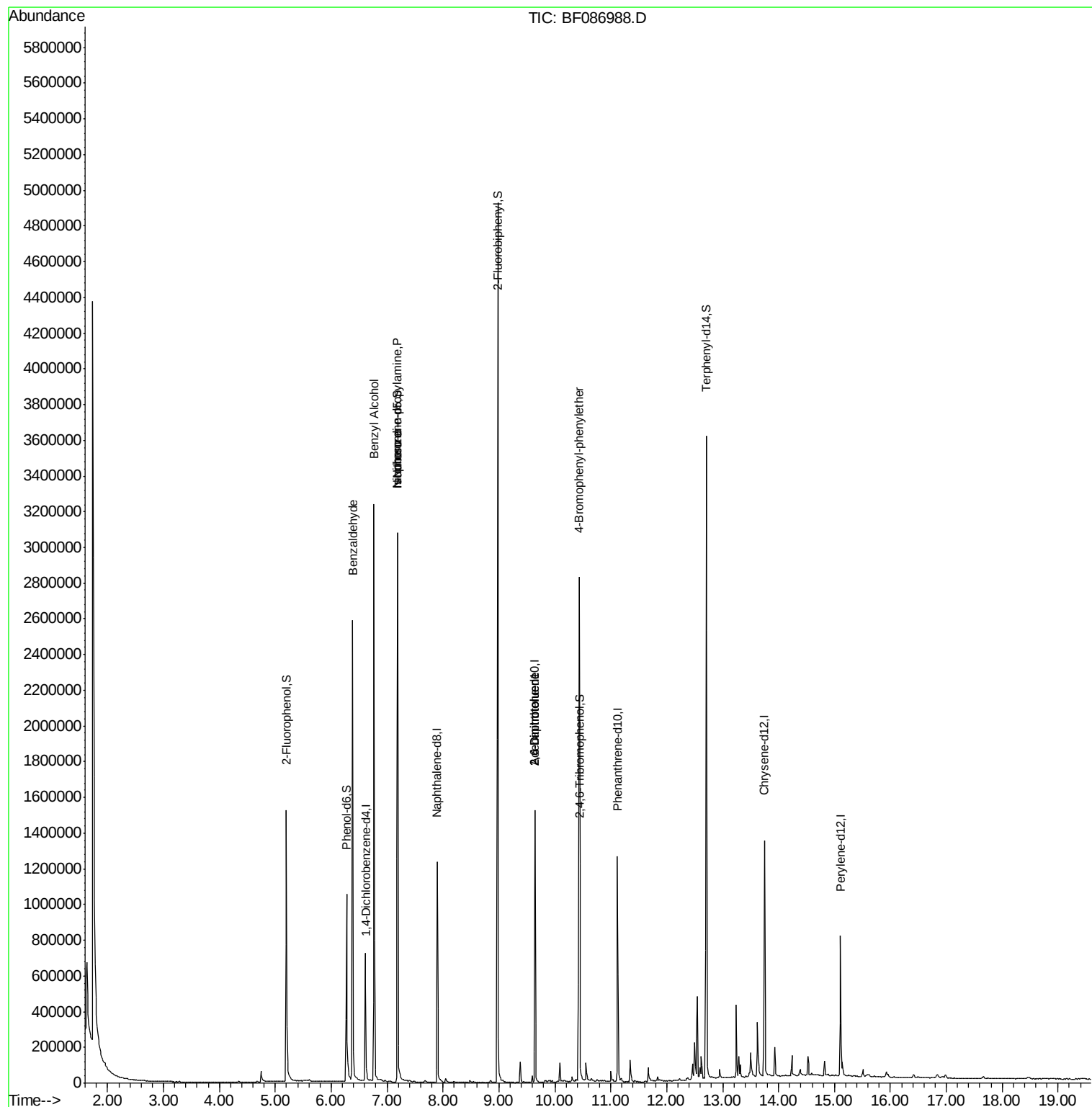
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	140145	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	570580	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	282901	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	534508	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	439239	20.00	ng	-0.01
86) Perylene-d12	15.11	264	328575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	498357	60.22	ng	0.00
7) Phenol-d6	6.27	99	397234	35.92	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1029778	90.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	398789	133.15	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1564107	92.92	ng	0.00
78) Terphenyl-d14	12.71	244	1521464	73.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.39	77	24052	3.76	ng	# 83
15) Benzyl Alcohol	6.76	79	15461	2.02	ng	# 42
19) n-Nitroso-di-n-propylamine	7.19	70	145600	18.84	ng	# 73
25) Isophorone	7.19	82	748950	35.52	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	36611	8.06	ng	# 20
56) 2,4-Dinitrotoluene	9.64	165	36605	6.51	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	22179	4.09	ng	# 1

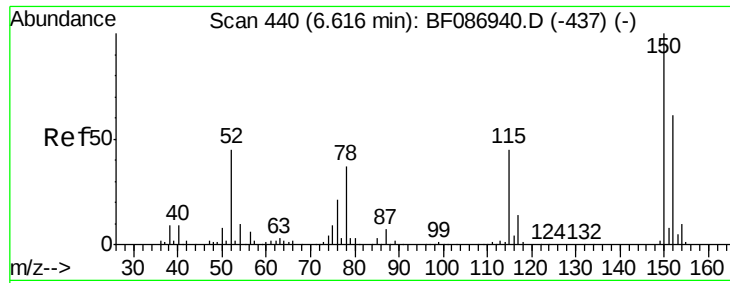
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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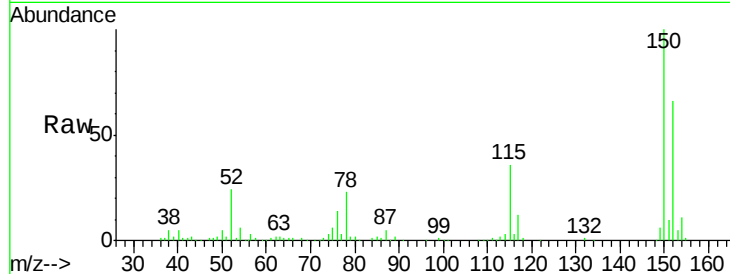


#1

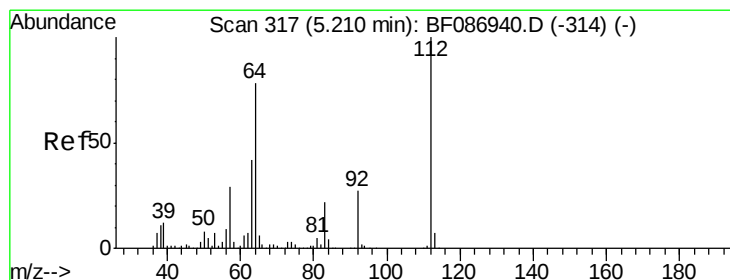
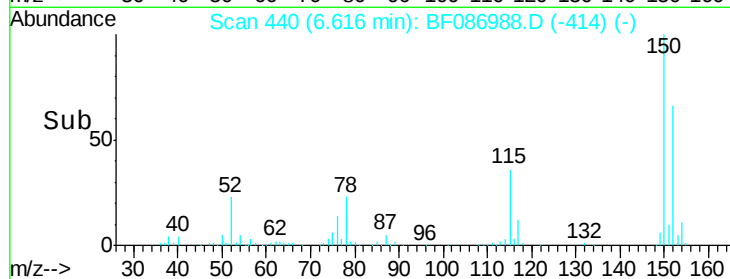
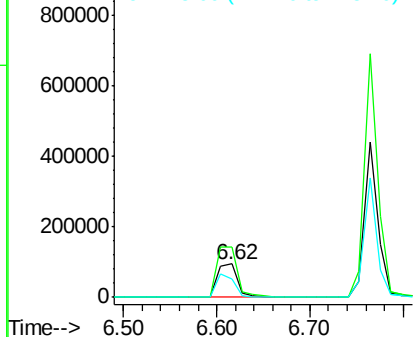
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:152 Resp: 140145
Ion Ratio Lower Upper
152 100
150 151.5 125.8 188.6
115 54.5 51.5 77.3



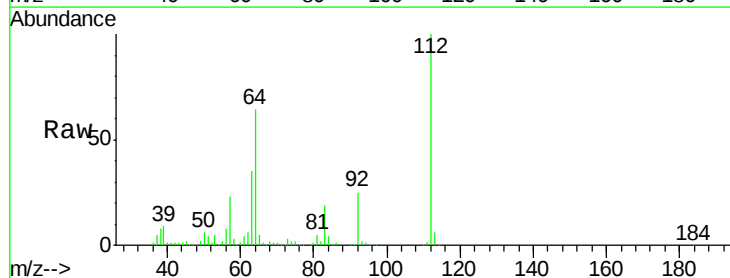
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



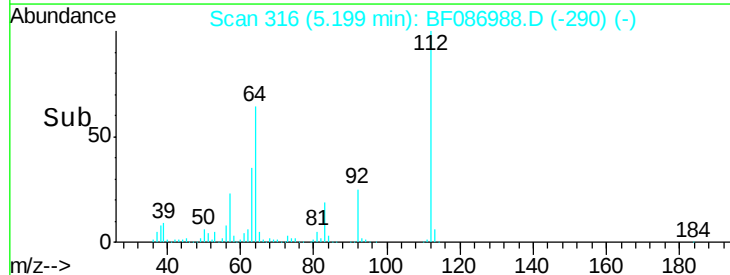
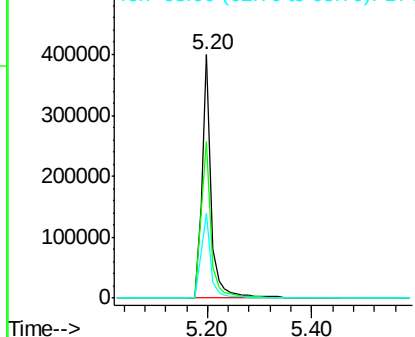
#5

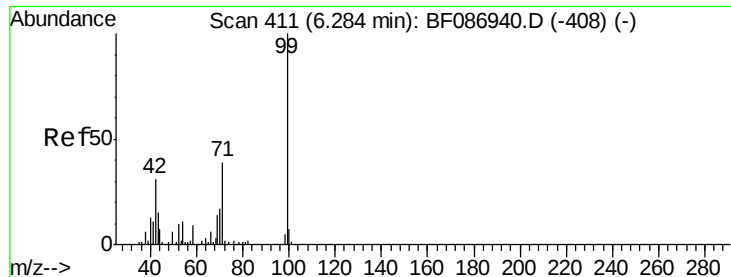
2-Fluorophenol
Concen: 60.22 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion:112 Resp: 498357
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 34.8 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: 35.92 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

MW-32

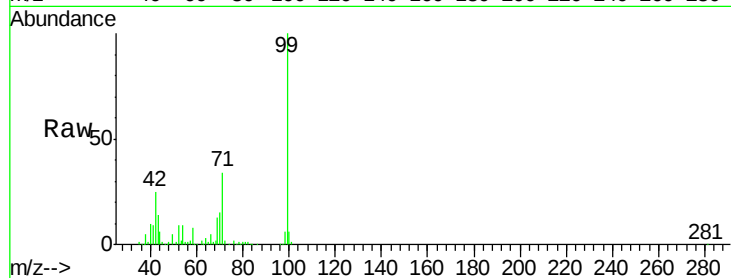
Tgt Ion: 99 Resp: 397234

Ion Ratio Lower Upper

99 100

42 25.0 13.6 20.4#

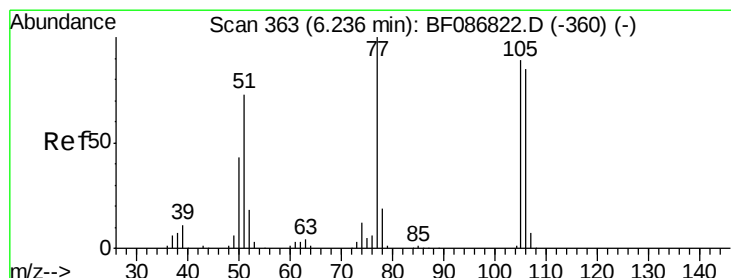
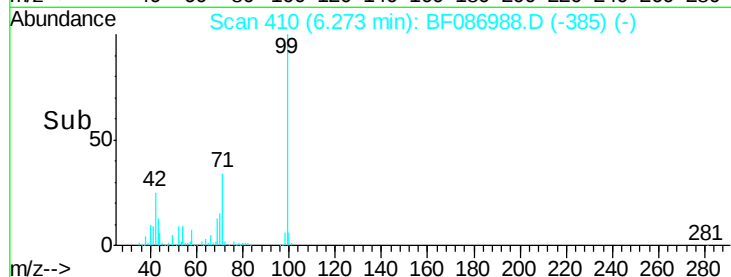
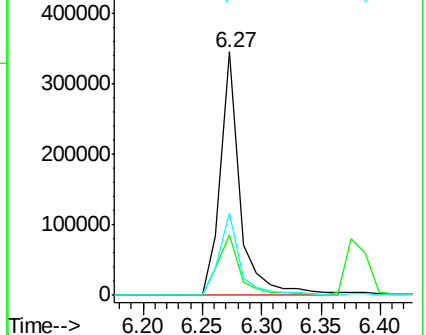
71 34.0 24.6 36.8



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: 3.76 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

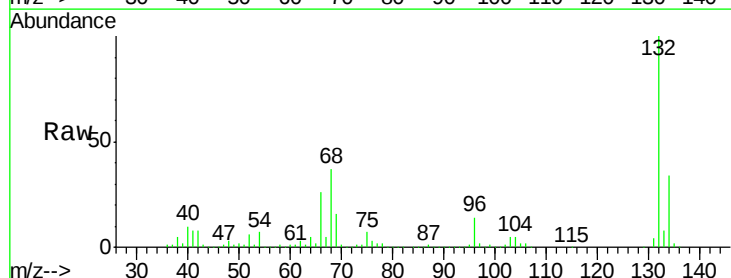
Tgt Ion: 77 Resp: 24052

Ion Ratio Lower Upper

77 100

105 81.4 72.7 112.7

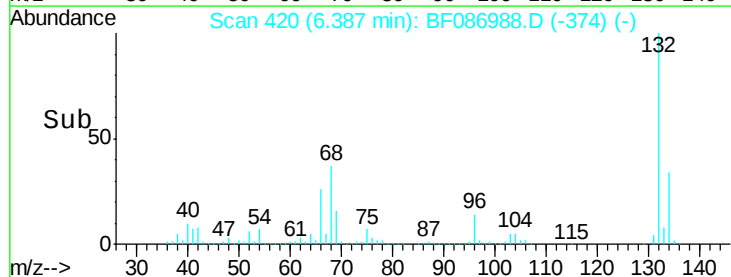
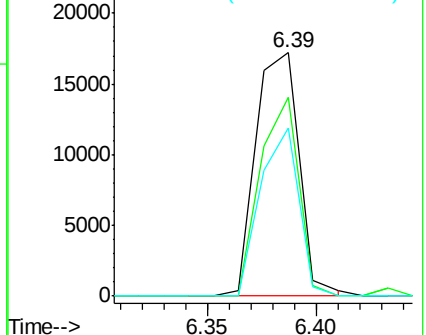
106 68.8 70.8 110.8#

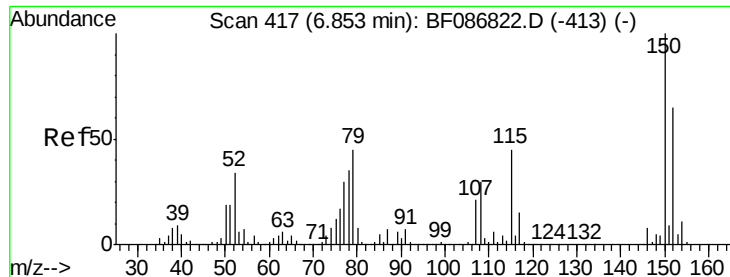


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

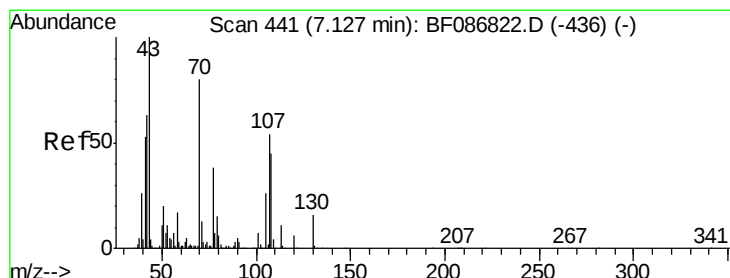
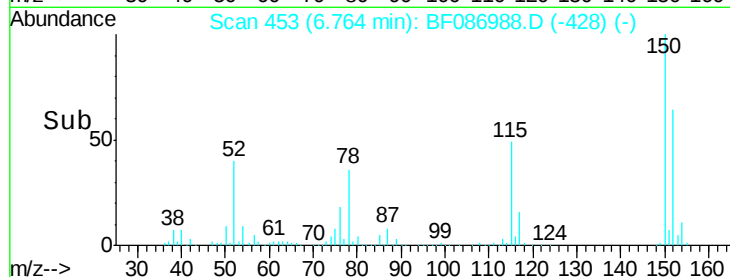
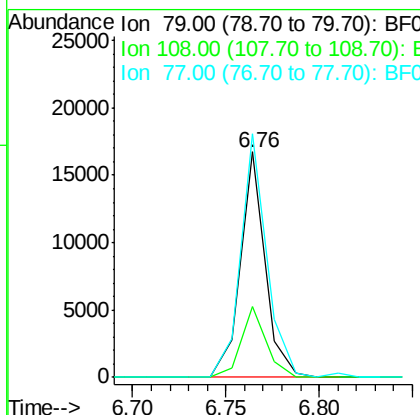
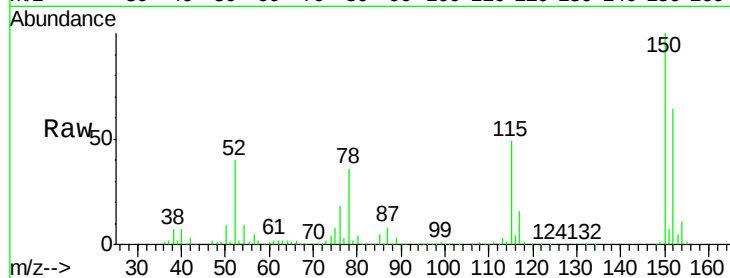




#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

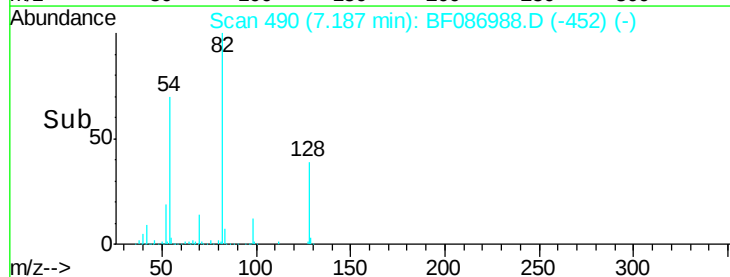
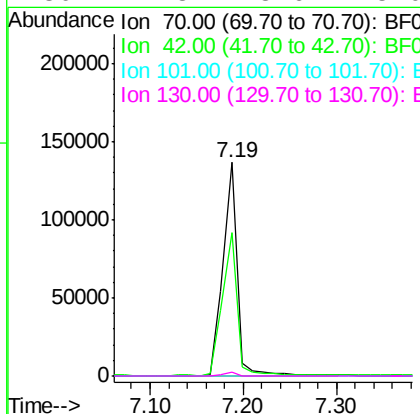
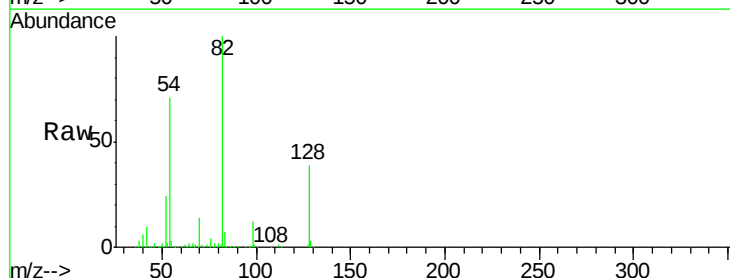
Instrument :
BNA_F
ClientSampleId :
MW-32

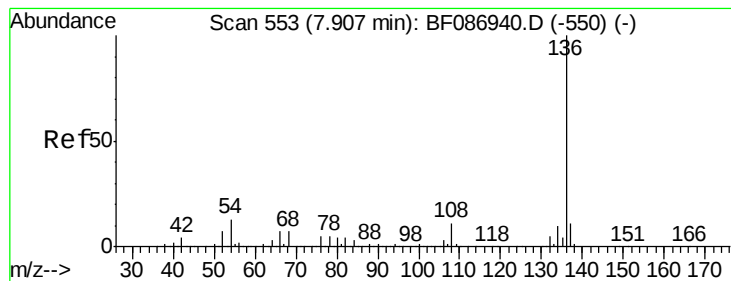
Tgt Ion: 79 Resp: 15461
Ion Ratio Lower Upper
79 100
108 31.5 68.4 102.6#
77 108.1 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 18.84 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion: 70 Resp: 145600
Ion Ratio Lower Upper
70 100
42 67.4 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: BF086988.D

Acq: 13 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

MW-32

Tgt Ion:136 Resp: 570580

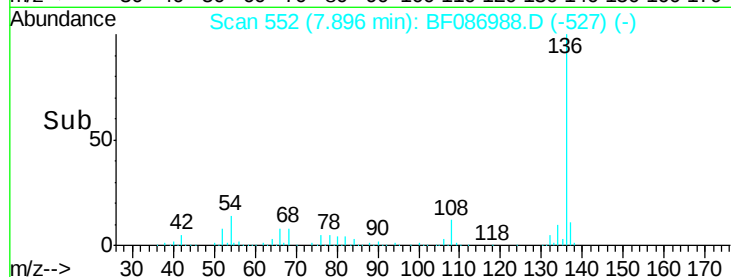
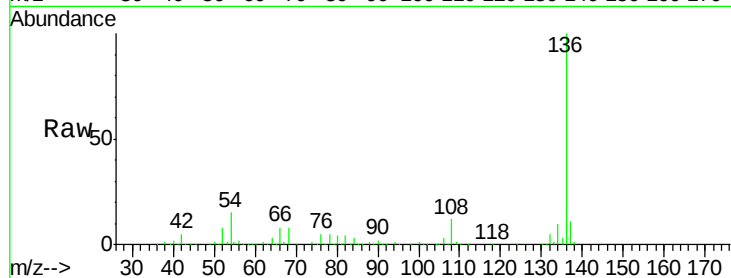
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.5 5.0 7.4#

68 7.8 4.4 6.6#

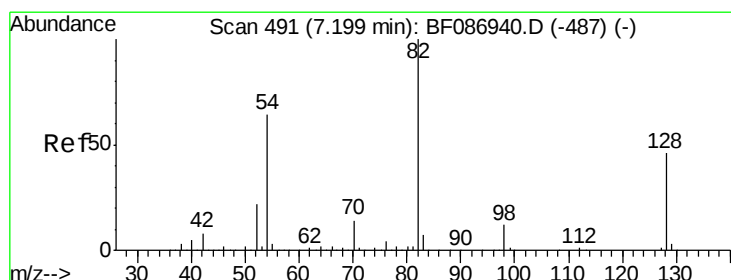
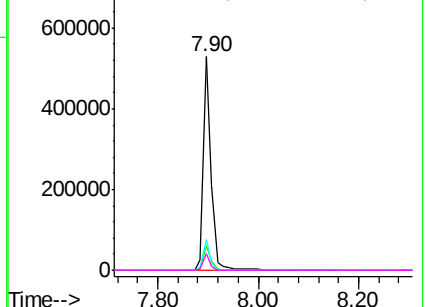


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 90.62 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

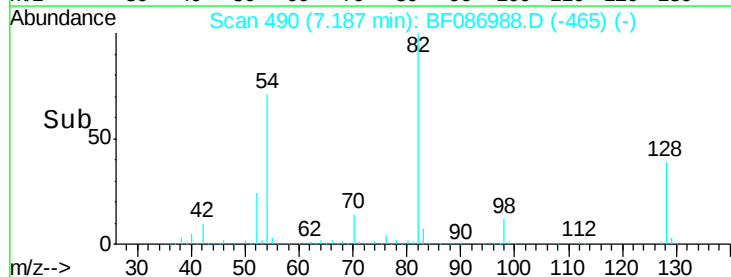
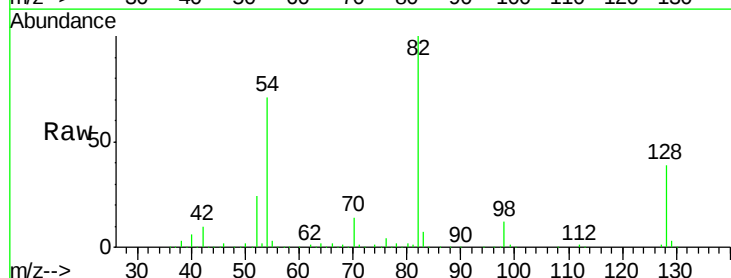
Tgt Ion: 82 Resp: 1029778

Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

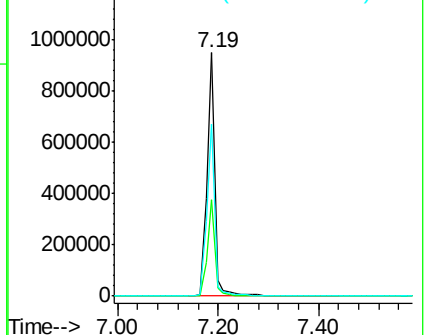
54 70.8 38.1 57.1#

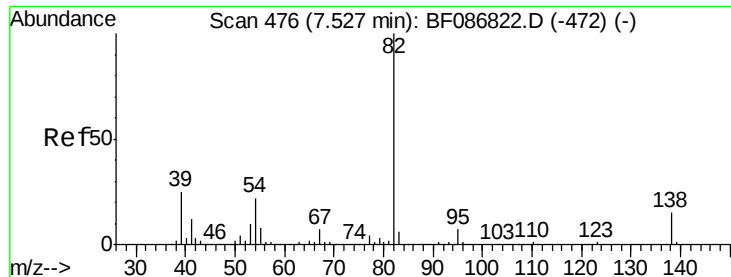


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

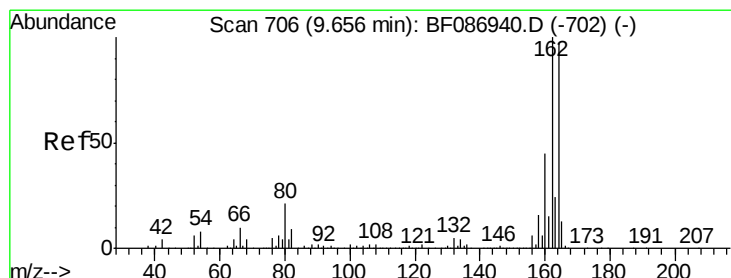
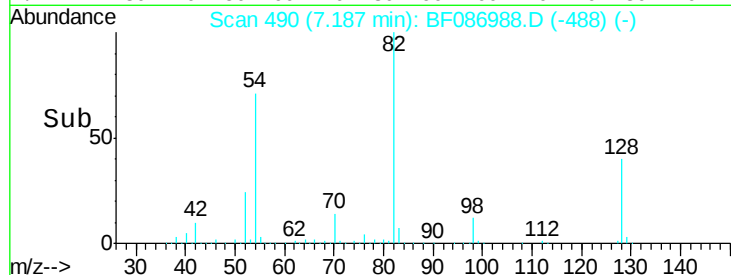
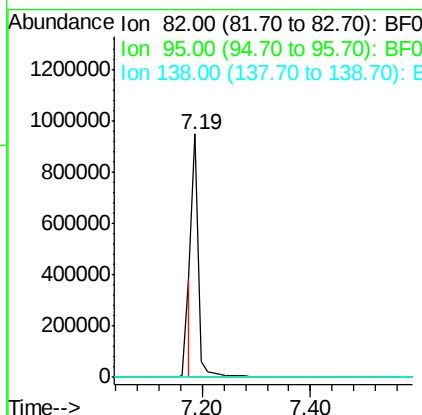
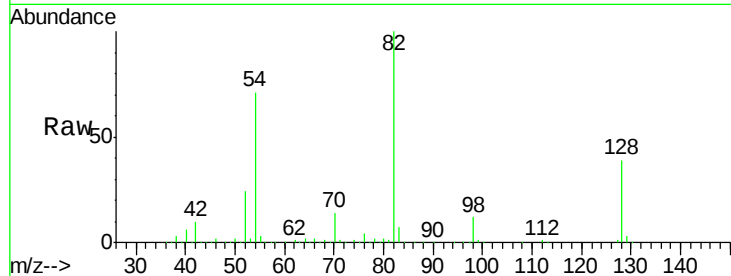




#25
Isophorone
Concen: 35.52 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.27 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

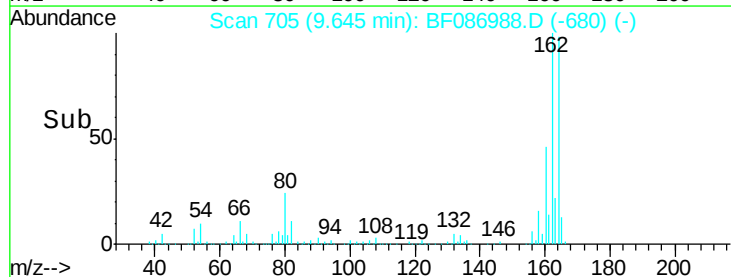
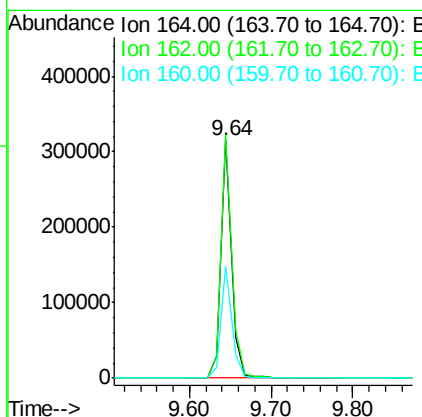
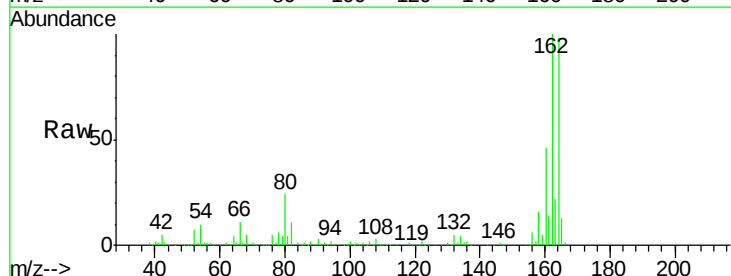
Instrument :
BNA_F
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MW-32

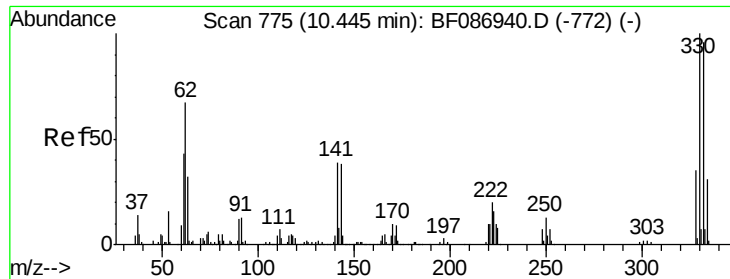
Tgt Ion: 82 Resp: 748950
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Tgt Ion: 164 Resp: 282901
Ion Ratio Lower Upper
164 100
162 102.1 82.8 124.2
160 46.7 36.9 55.3

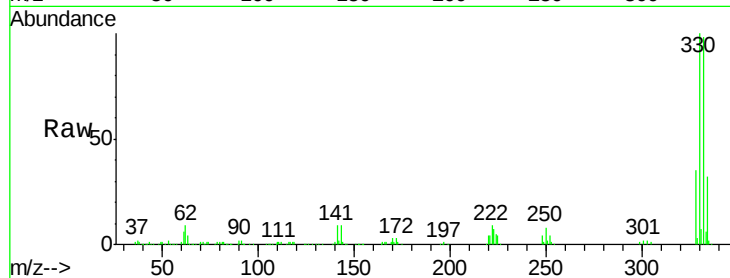




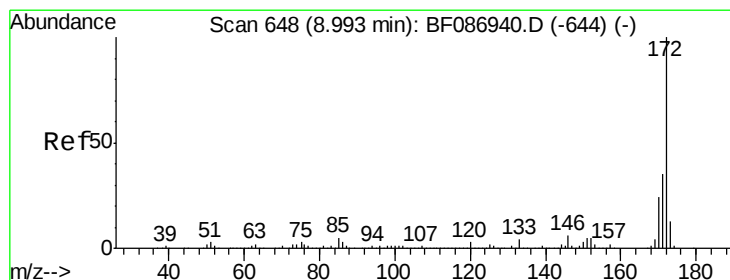
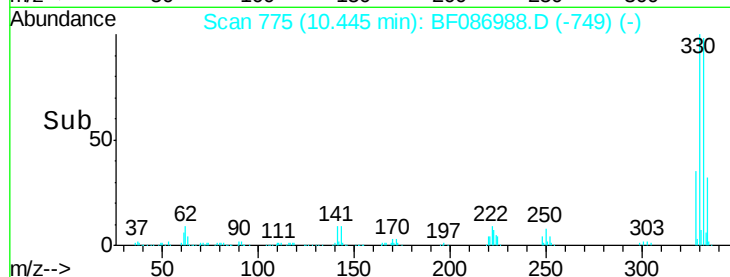
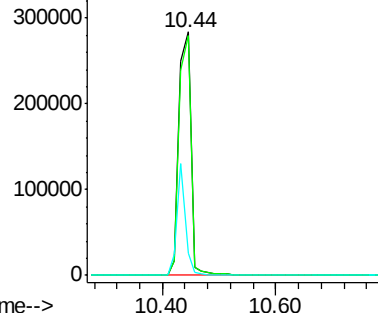
#41
 2,4,6-Tribromophenol
 Concen: 133.15 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF086988.D
 Acq: 13 May 2016 23:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Tgt Ion:330 Resp: 398789
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 32.9 31.2 46.8

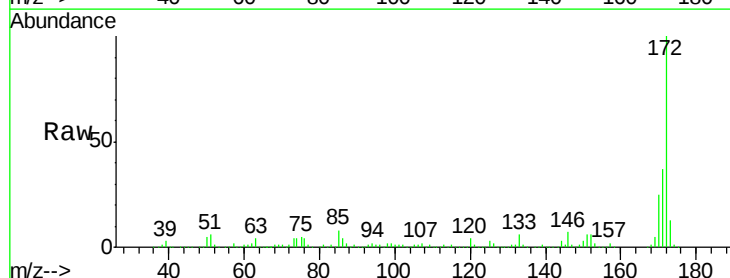


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

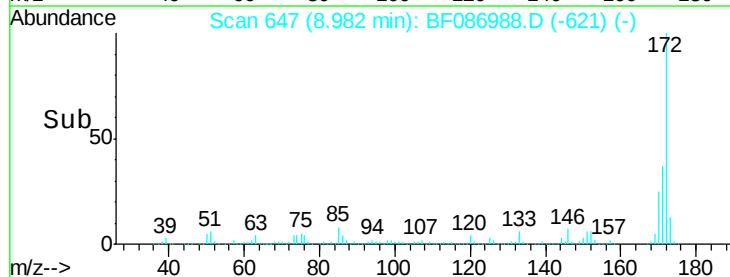
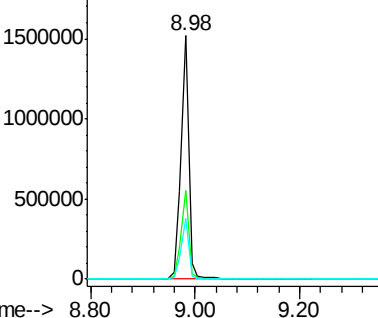


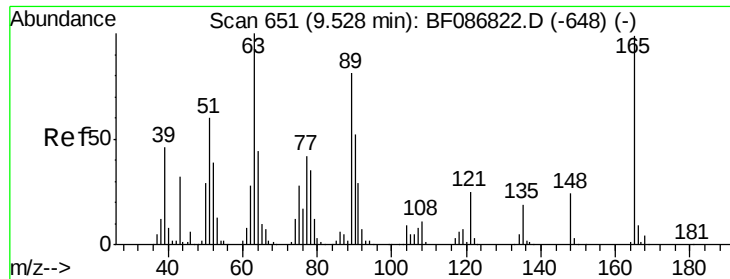
#44
 2-Fluorobiphenyl
 Concen: 92.92 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF086988.D
 Acq: 13 May 2016 23:48

Tgt Ion:172 Resp: 1564107
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.9 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: 8.06 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.18 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

Instrument :

BNA_F

ClientSampled :

MW-32

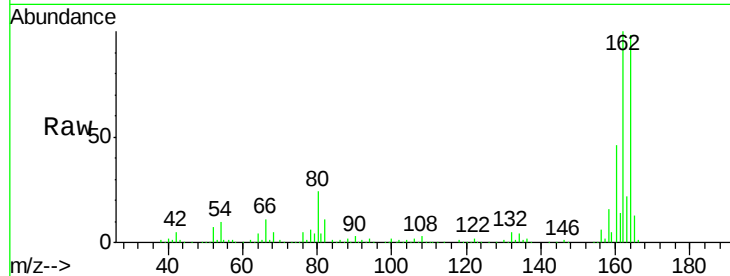
Tgt Ion:165 Resp: 36611

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

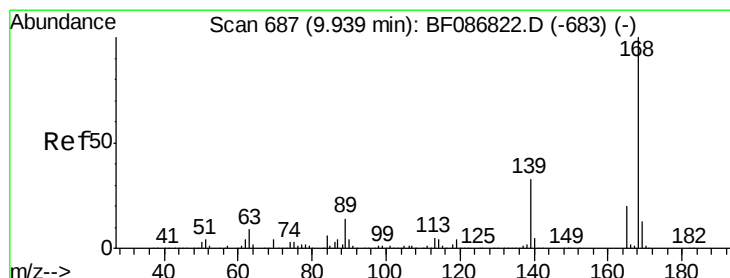
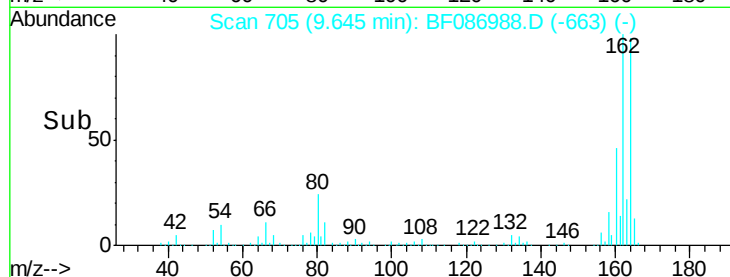
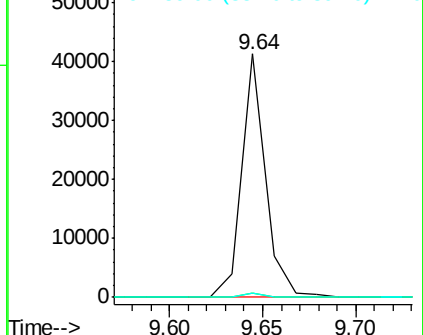
89 1.7 50.7 76.1#



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: 6.51 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.22 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

Tgt Ion:165 Resp: 36605

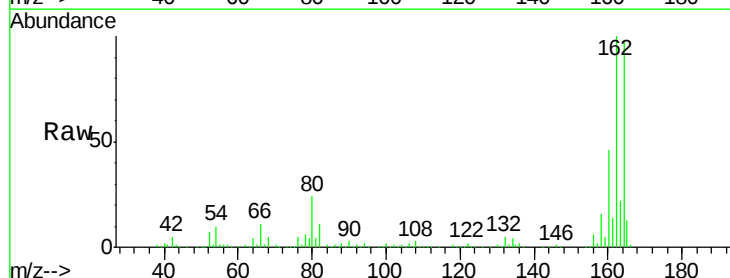
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

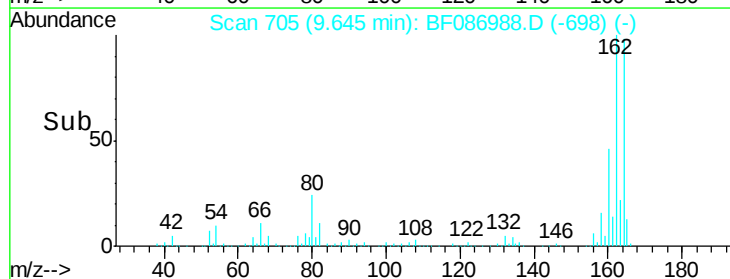
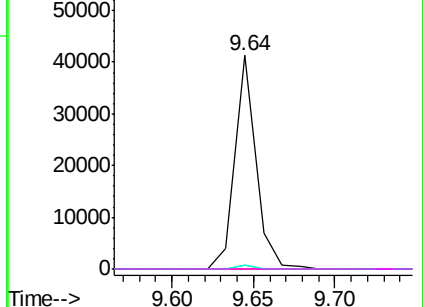


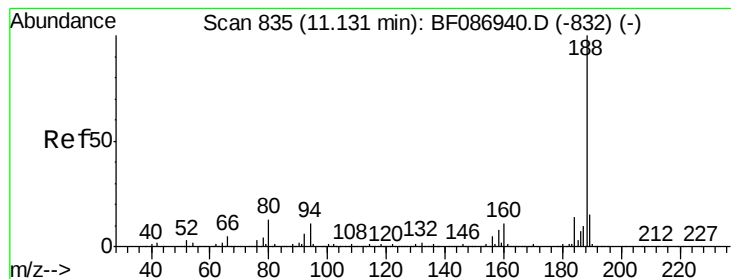
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

MW-32

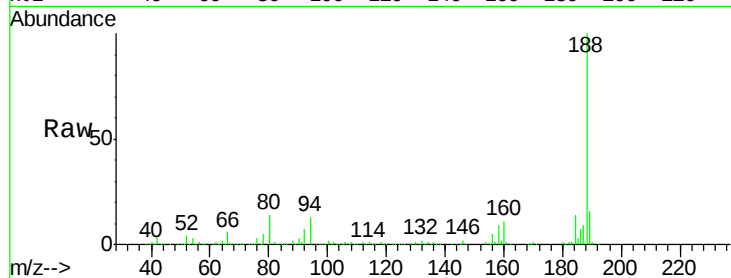
Tgt Ion:188 Resp: 534508

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

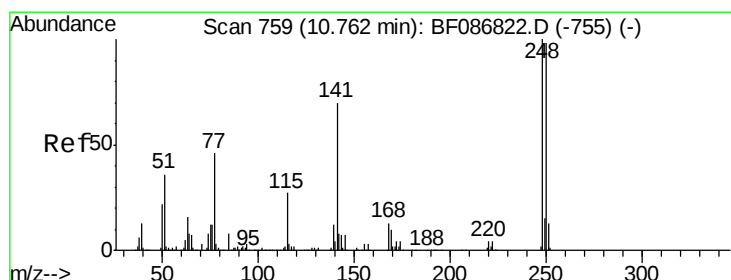
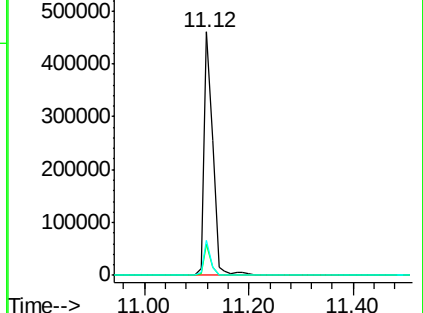
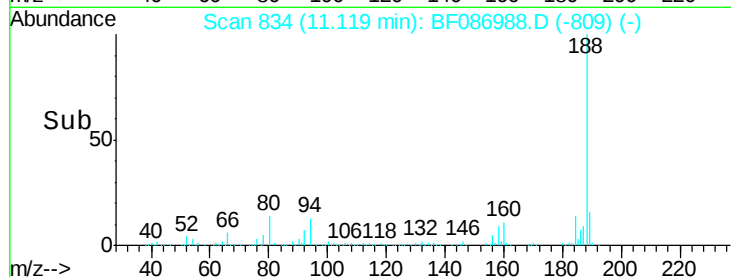
80 14.2 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66

4-Bromophenyl-phenylether

Concen: 4.09 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.25 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

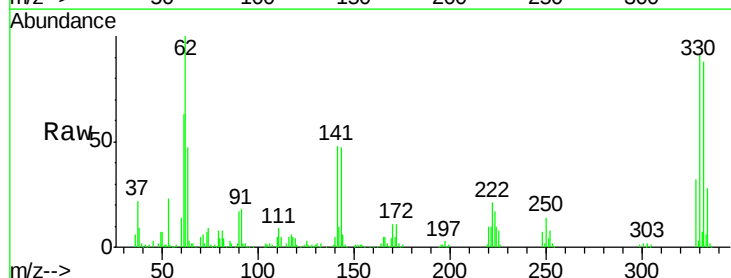
Tgt Ion:248 Resp: 22179

Ion Ratio Lower Upper

248 100

250 203.6 78.6 117.8#

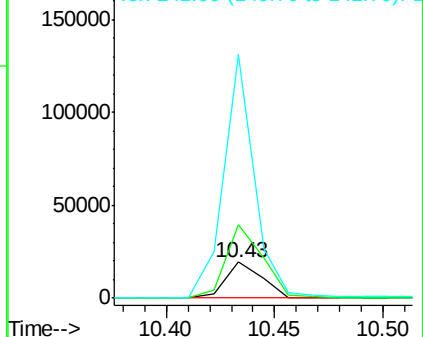
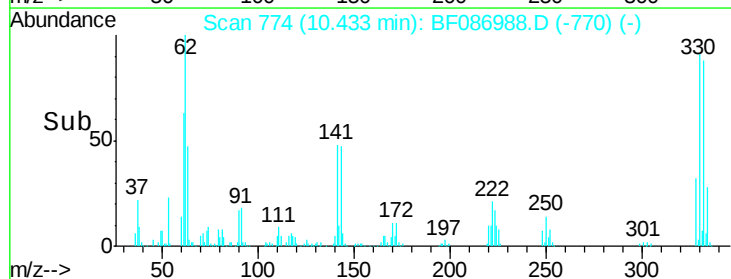
141 680.5 76.0 114.0#

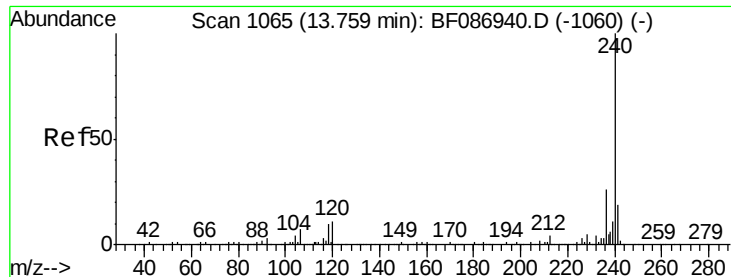


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

Instrument :

BNA_F

ClientSampleId :

MW-32

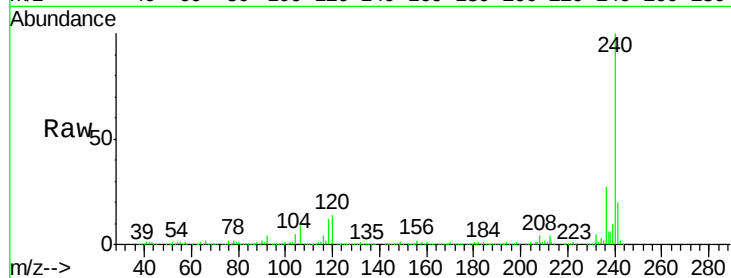
Tgt Ion:240 Resp: 439239

Ion Ratio Lower Upper

240 100

120 14.0 11.2 16.8

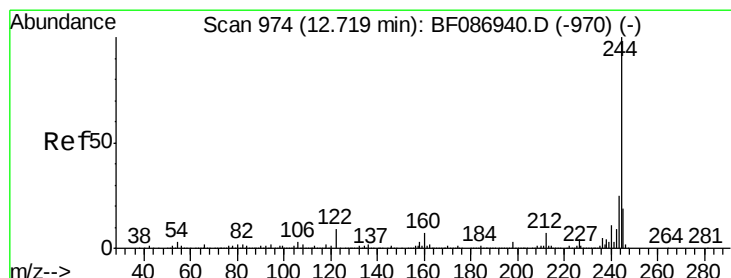
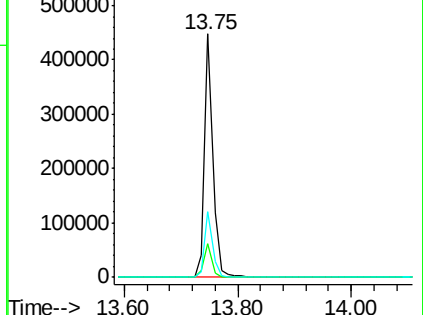
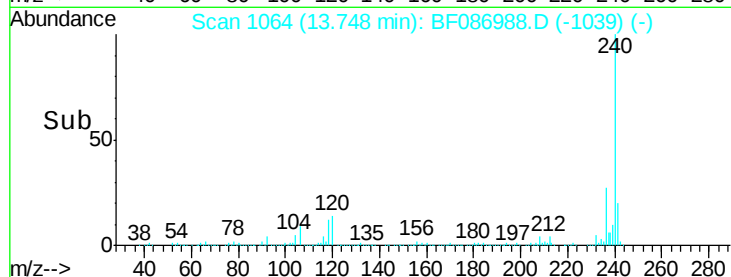
236 27.0 21.2 31.8



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: 73.49 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086988.D

Acq: 13 May 2016 23:48

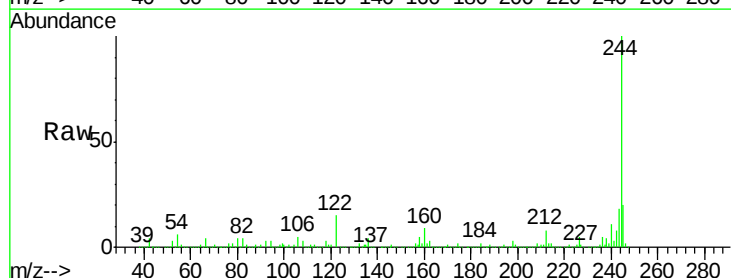
Tgt Ion:244 Resp: 1521464

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

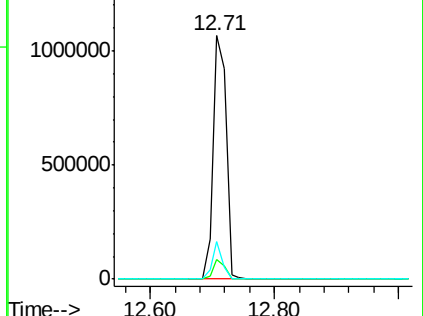
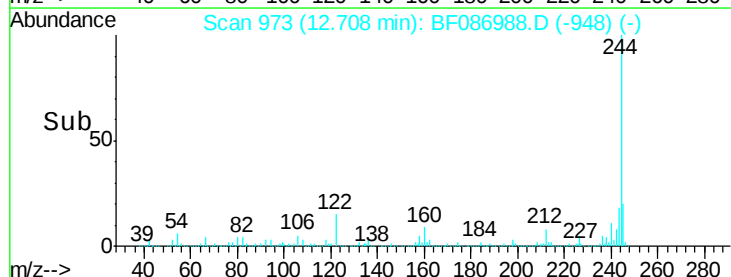
122 15.2 12.0 18.0

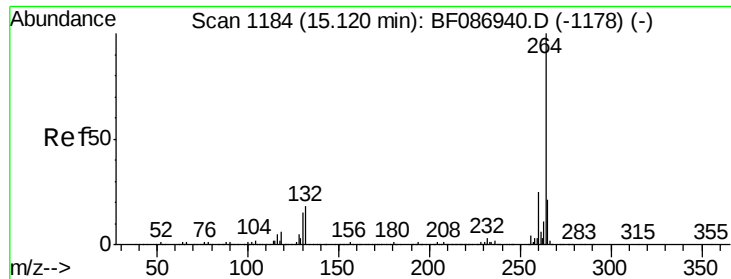


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF086988.D
Acq: 13 May 2016 23:48

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.3	25.9

