

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087020.D
 Acq On : 14 May 2016 15:14
 Operator : UM/SJ
 Sample : H2990-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Quant Time: May 16 01:06:40 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 14:55:23 2016
 Response via : Initial Calibration

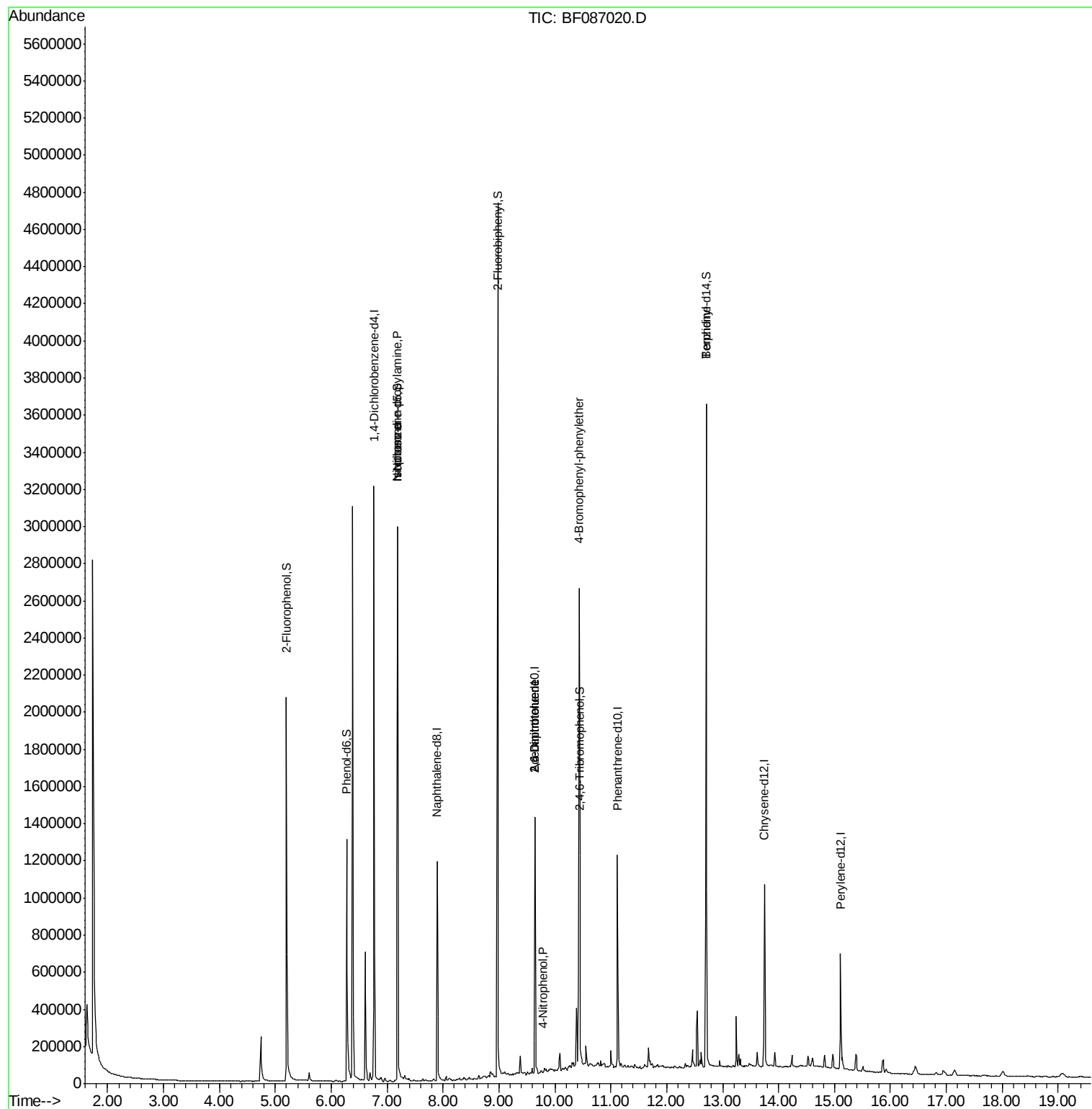
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	431260	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	523596	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	253337	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	437962	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	323432	20.00	ng	-0.09
86) Perylene-d12	15.11	264	263153	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	559253	21.96	ng	-0.09
7) Phenol-d6	6.27	99	508816	14.95	ng	-0.09
23) Nitrobenzene-d5	7.19	82	963894	92.44	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	348894	130.09	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1513380	100.40	ng	-0.08
78) Terphenyl-d14	12.71	244	1135501	74.49	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	137645	5.79	ng	# 71
25) Isophorone	7.19	82	946898	48.94	ng	# 68
50) 2,6-Dinitrotoluene	9.64	165	32087	7.89	ng	# 22
55) 4-Nitrophenol	9.78	139	759	4.81	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	32655	6.49	ng	# 17
66) 4-Bromophenyl-phenylether	10.43	248	20013	4.51	ng	# 1
76) Benzidine	12.71	184	18494	2.24	ng	# 94

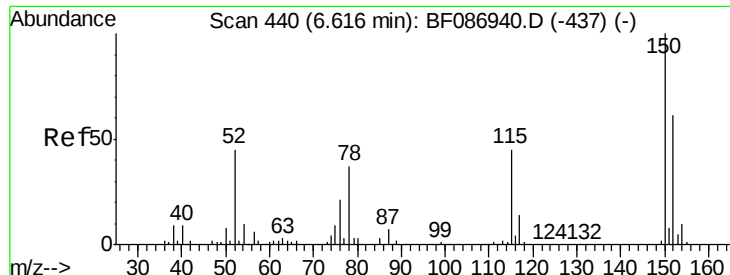
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
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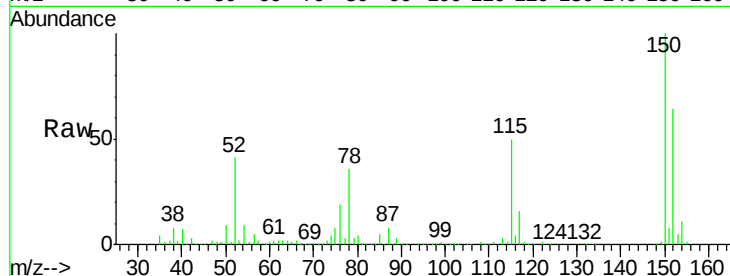


#1

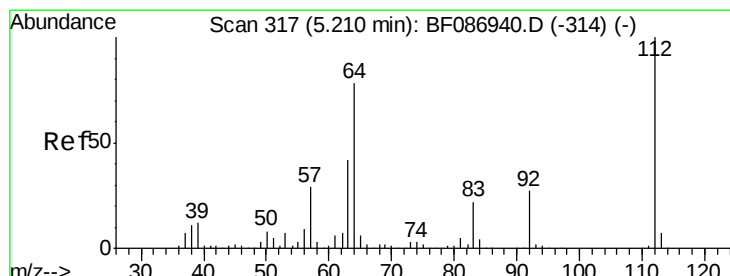
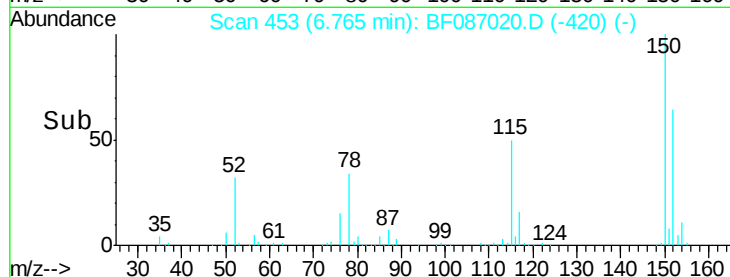
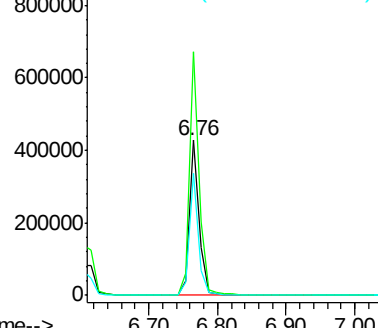
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF087020.D
Acq: 14 May 2016 15:14

Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

Tgt Ion:152 Resp: 431260
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 78.8 51.5 77.3#



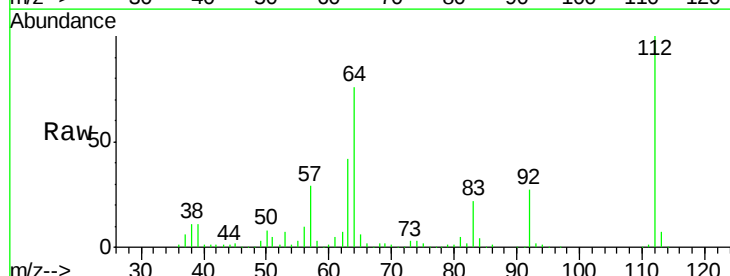
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



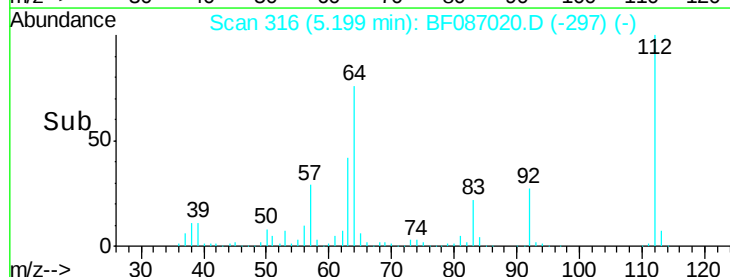
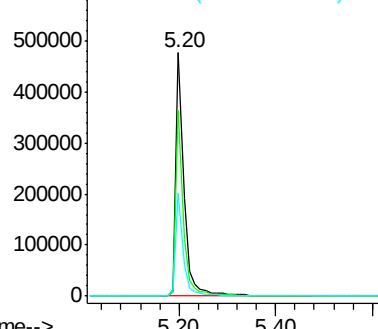
#5

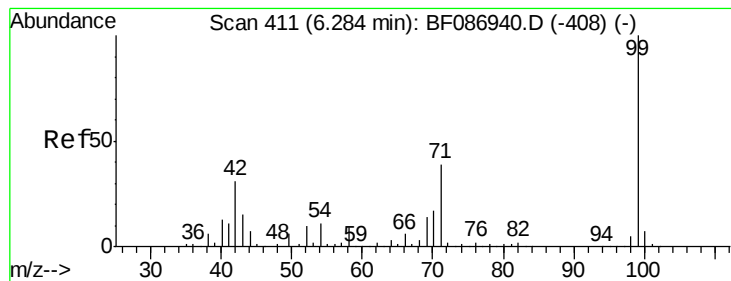
2-Fluorophenol
Concen: 21.96 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF087020.D
Acq: 14 May 2016 15:14

Tgt Ion:112 Resp: 559253
Ion Ratio Lower Upper
112 100
64 76.2 52.1 78.1
63 42.1 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: 14.95 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

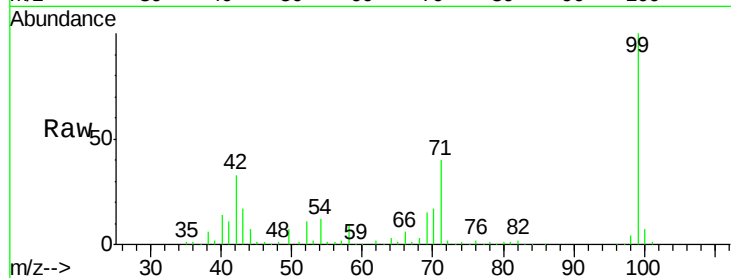
Tgt Ion: 99 Resp: 508816

Ion Ratio Lower Upper

99 100

42 33.4 13.6 20.4#

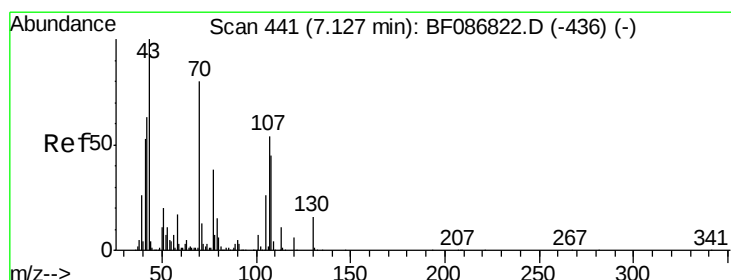
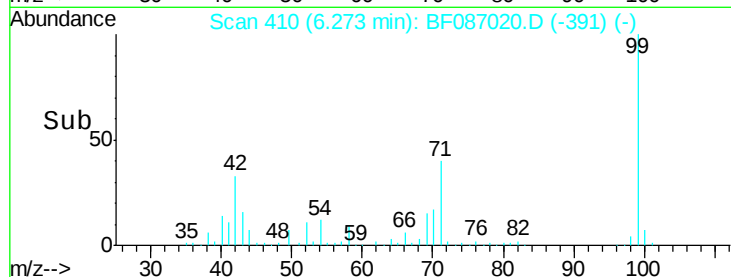
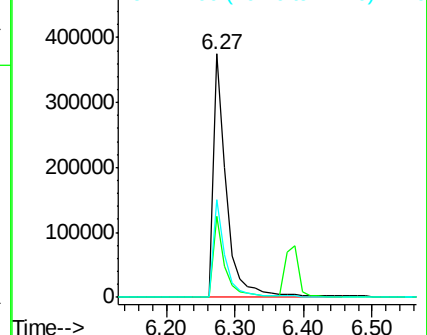
71 40.1 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.79 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Tgt Ion: 70 Resp: 137645

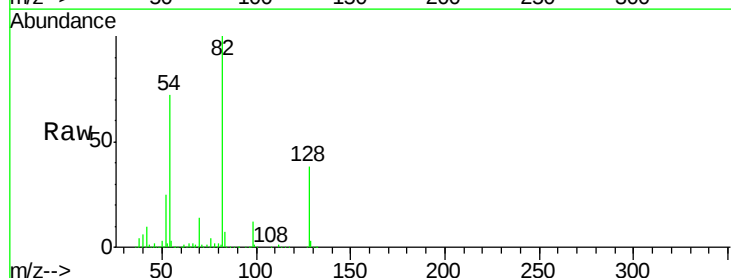
Ion Ratio Lower Upper

70 100

42 70.4 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

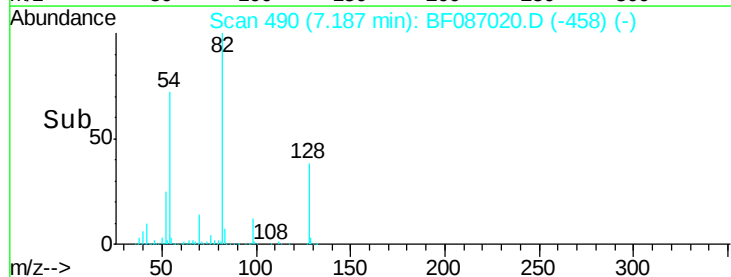
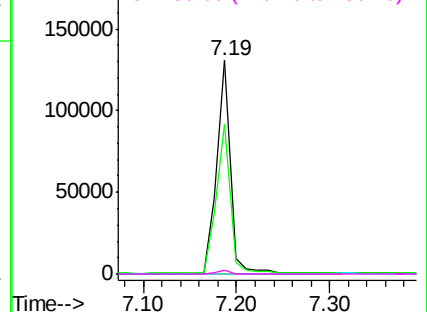


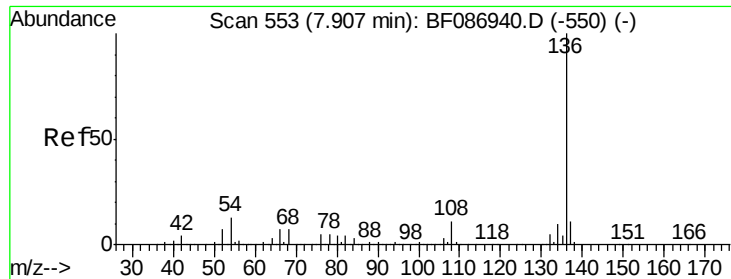
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.09 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

Tgt Ion:136 Resp: 523596

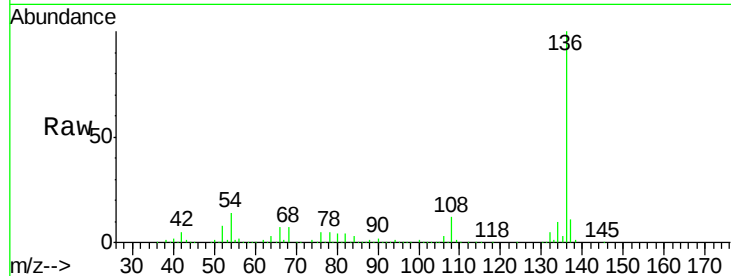
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 14.2 5.0 7.4#

68 7.4 4.4 6.6#

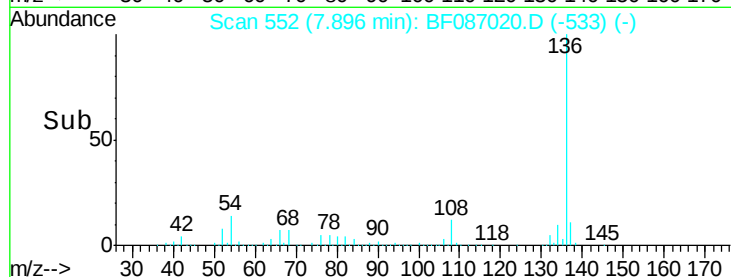


Abundance Ion 136.00 (135.70 to 136.70): E

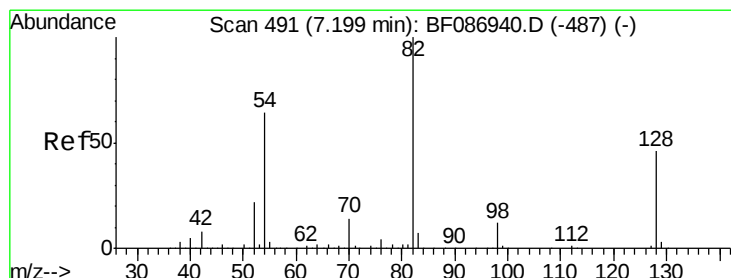
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 92.44 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

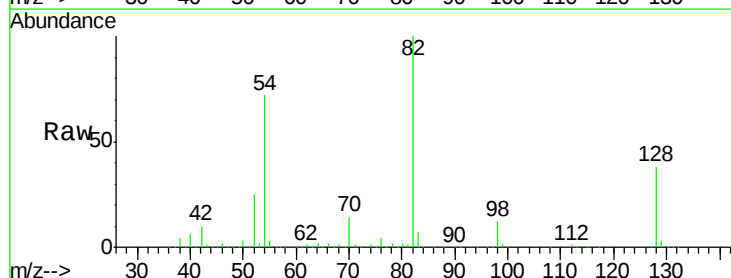
Tgt Ion: 82 Resp: 963894

Ion Ratio Lower Upper

82 100

128 38.4 40.6 61.0#

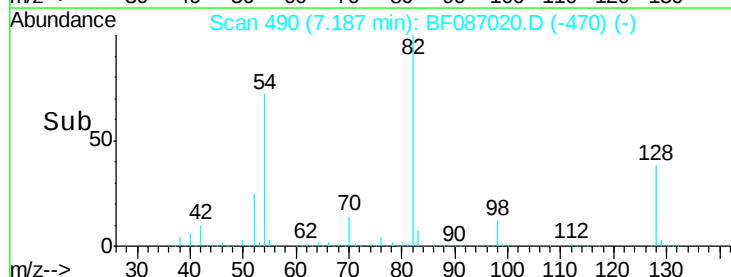
54 71.8 38.1 57.1#



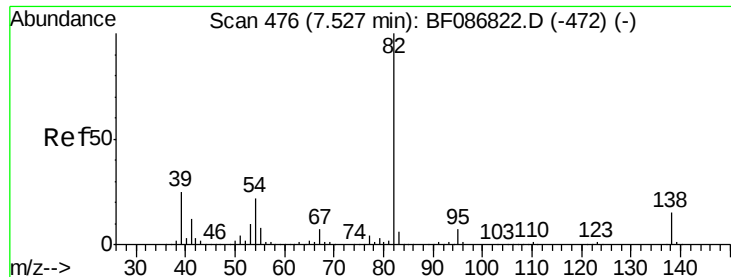
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



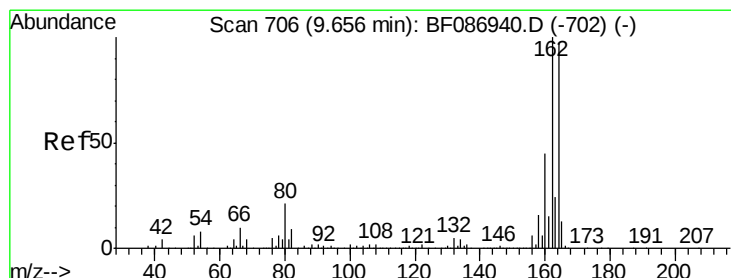
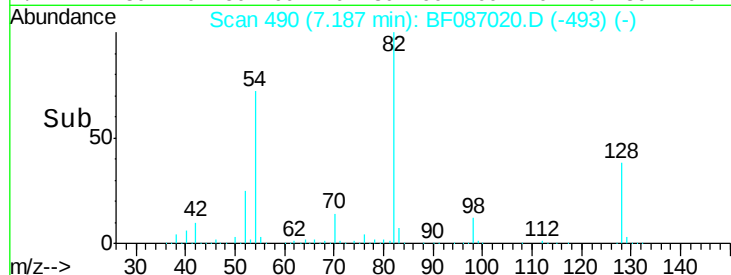
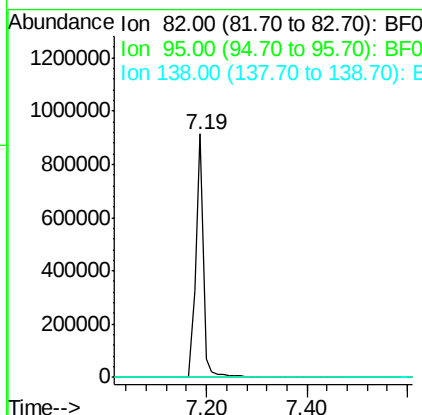
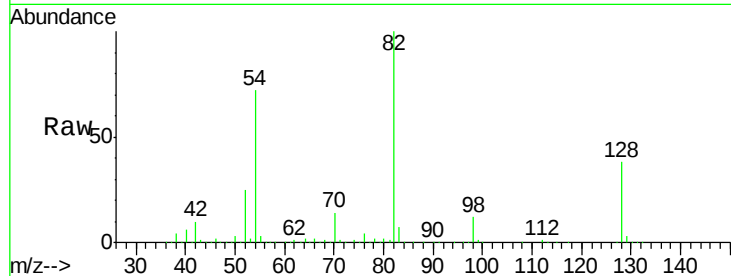
Time-->



#25
Isophorone
Concen: 48.94 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.34 min
Lab File: BF087020.D
Acq: 14 May 2016 15:14

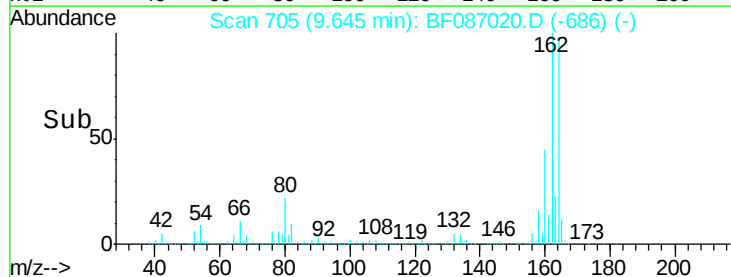
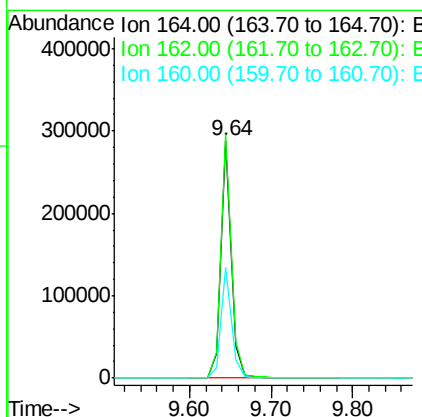
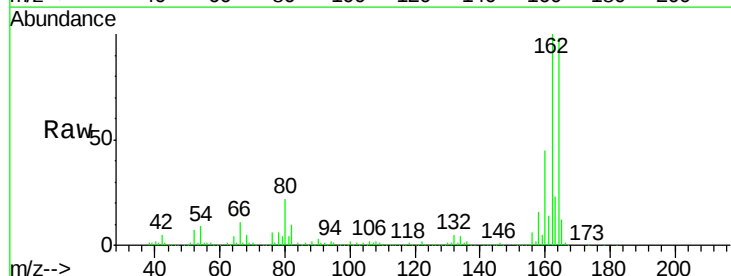
Instrument :
BNA_F
ClientSampleId :
OWL-C7-GW

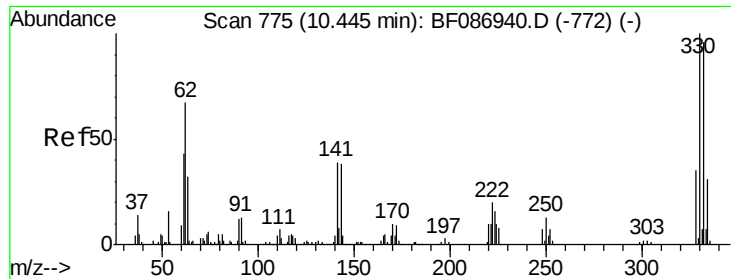
Tgt Ion: 82 Resp: 946898
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.09 min
Lab File: BF087020.D
Acq: 14 May 2016 15:14

Tgt Ion: 164 Resp: 253337
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 46.5 36.9 55.3

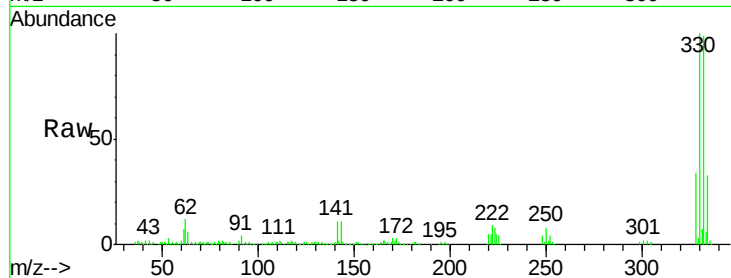




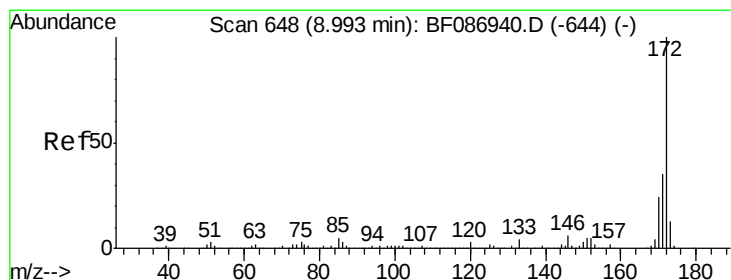
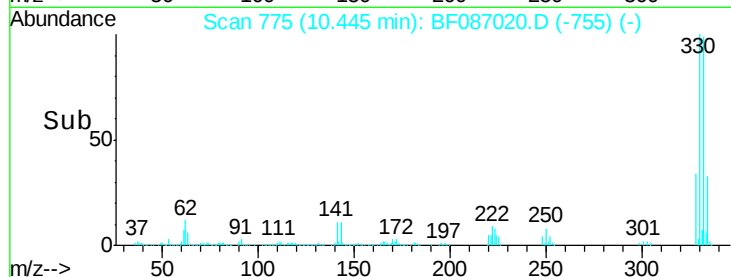
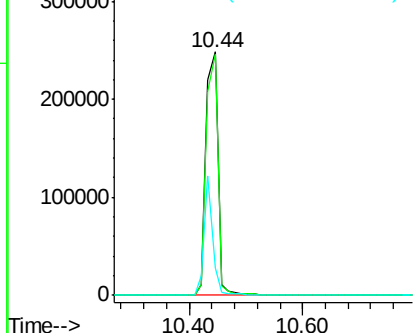
#41
 2,4,6-Tribromophenol
 Concen: 130.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

Tgt Ion:330 Resp: 348894
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.8 31.2 46.8

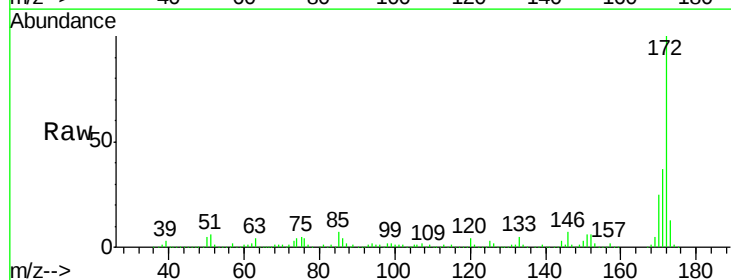


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

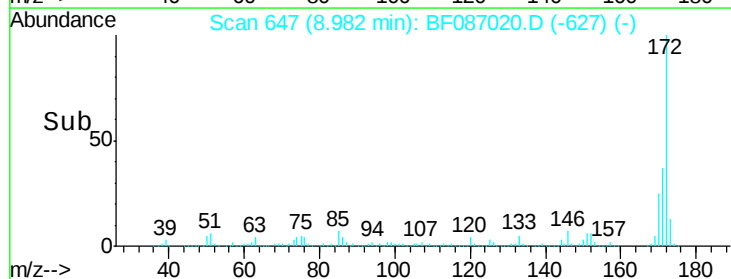
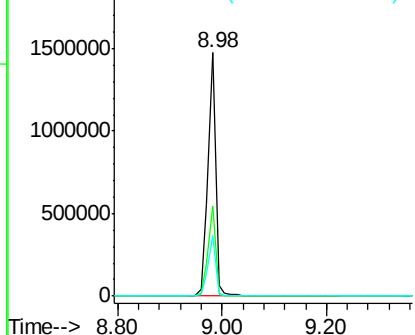


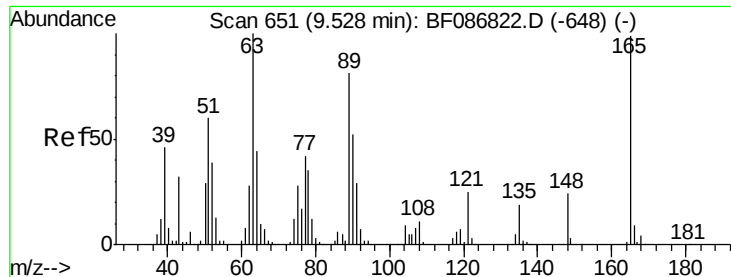
#44
 2-Fluorobiphenyl
 Concen: 100.40 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Tgt Ion:172 Resp: 1513380
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 7.89 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.12 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

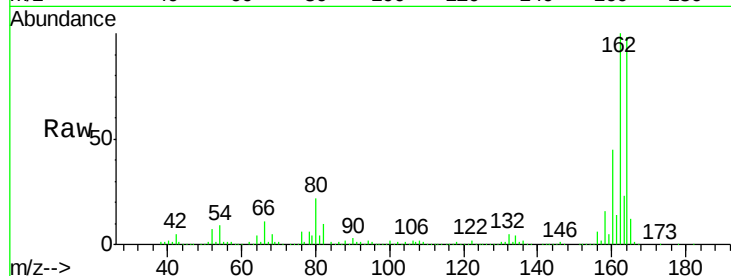
Tgt Ion:165 Resp: 32087

Ion Ratio Lower Upper

165 100

63 2.9 51.8 77.8#

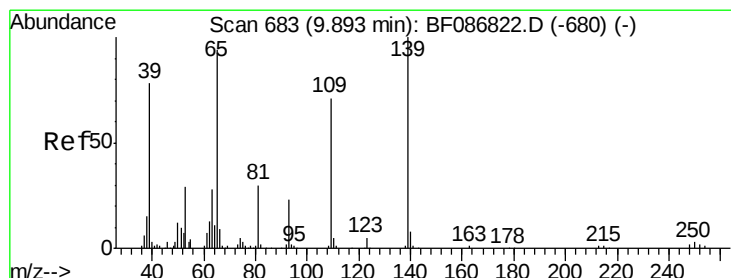
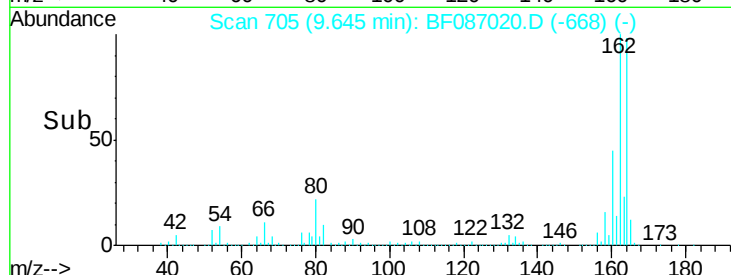
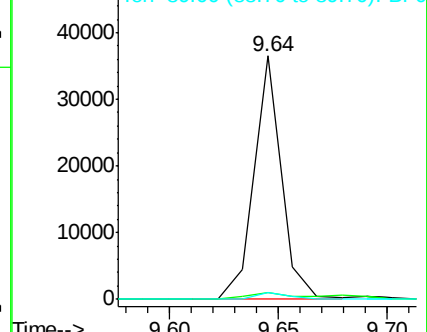
89 2.7 50.7 76.1#



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



#55

4-Nitrophenol

Concen: 4.81 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.11 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

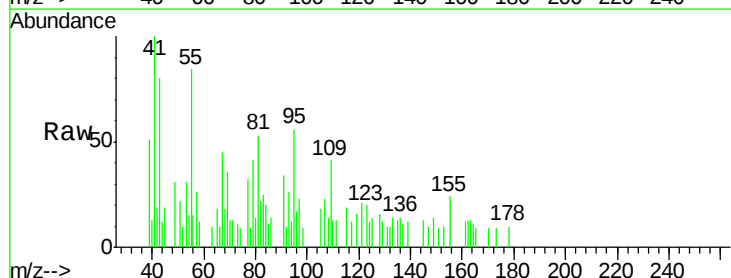
Tgt Ion:139 Resp: 759

Ion Ratio Lower Upper

139 100

109 354.1 36.9 76.9#

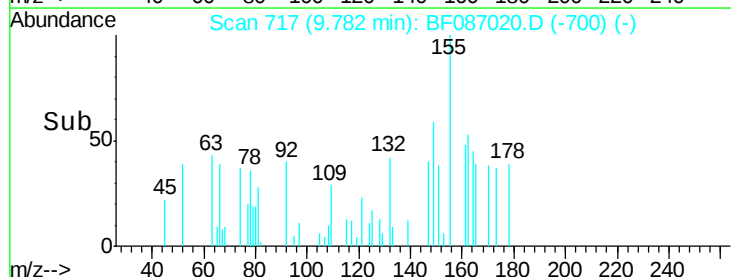
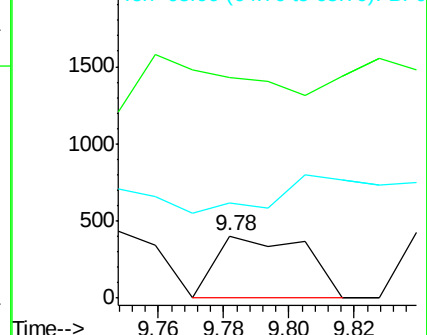
65 153.3 64.0 104.0#

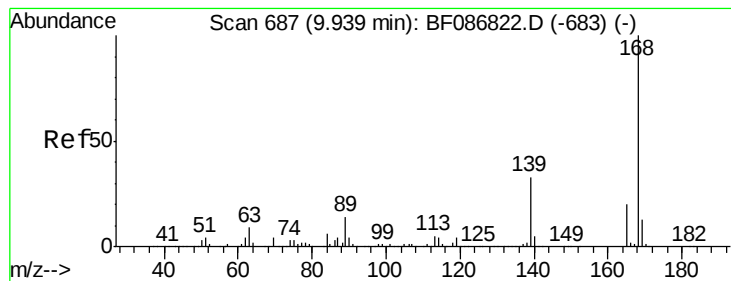


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

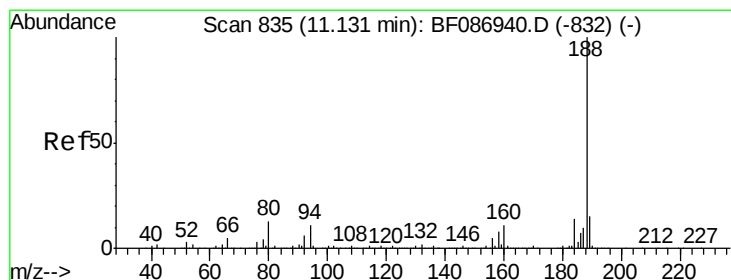
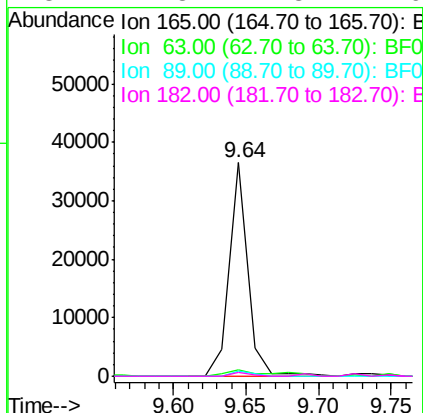
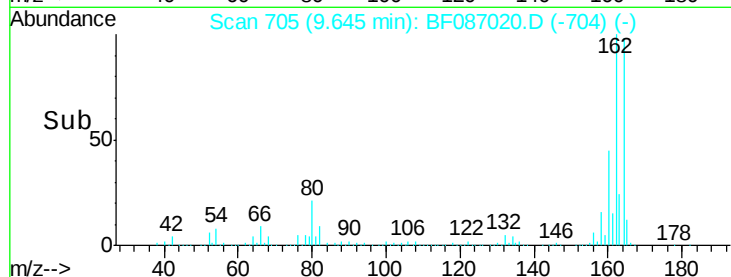
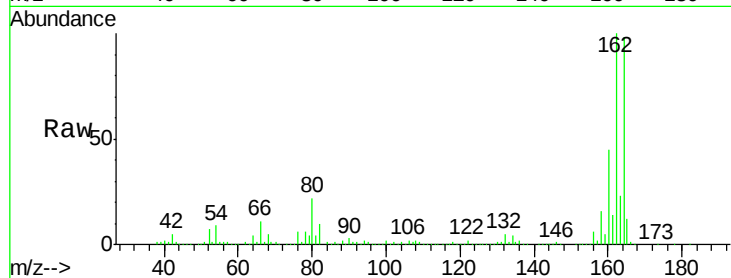




#56
 2,4-Dinitrotoluene
 Concen: 6.49 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.29 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

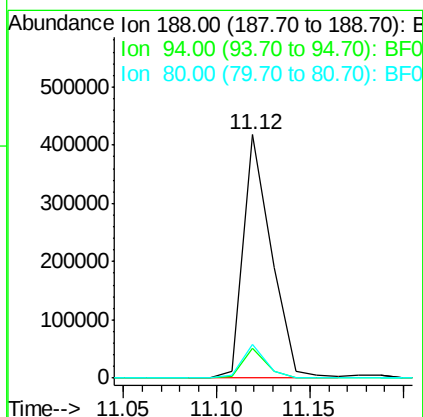
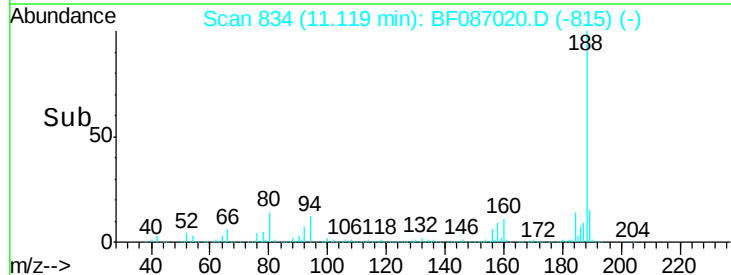
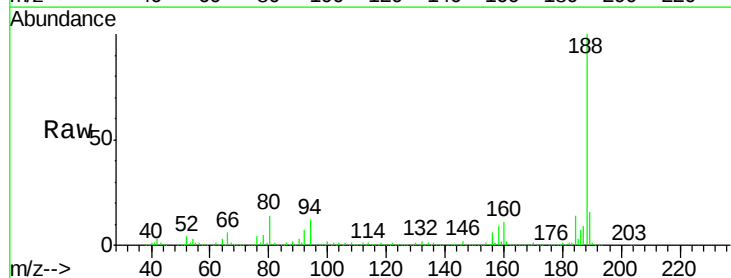
Instrument :
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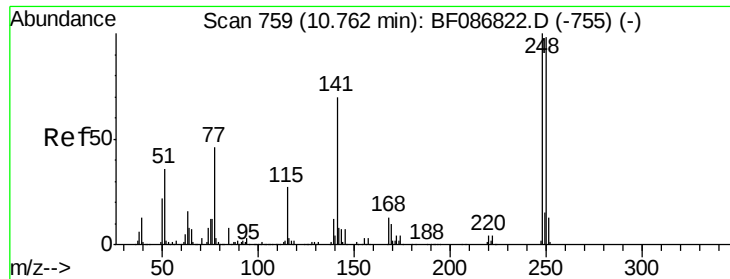
Tgt Ion:	165	Resp:	32655
Ion Ratio	Lower	Upper	
165	100		
63	2.9	44.3	66.5#
89	2.7	70.0	105.0#
182	1.8	1.8	2.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.09 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Tgt Ion:	188	Resp:	437962
Ion Ratio	Lower	Upper	
188	100		
94	12.4	6.8	10.2#
80	14.0	7.1	10.7#

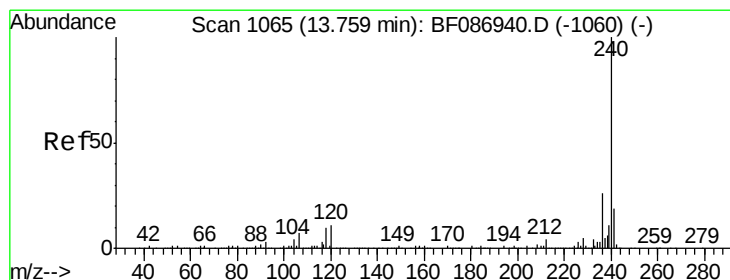
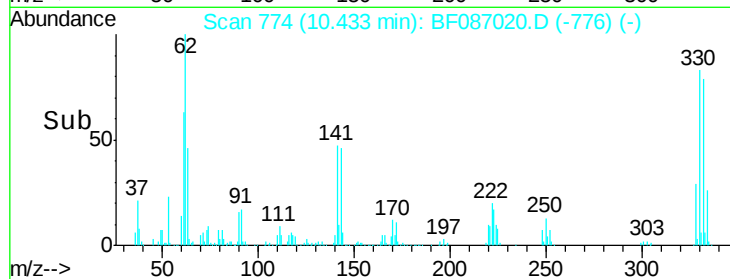
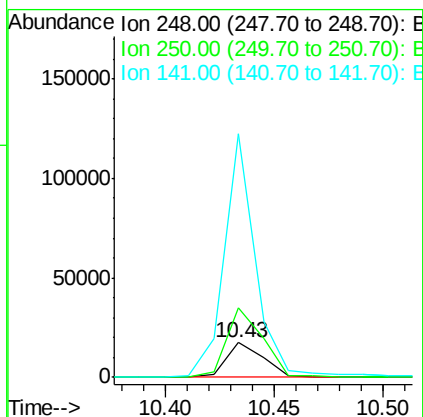
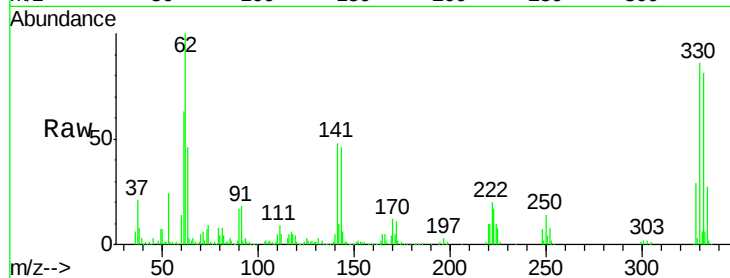




#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.33 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

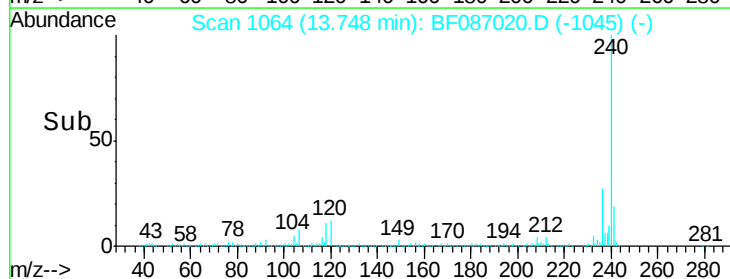
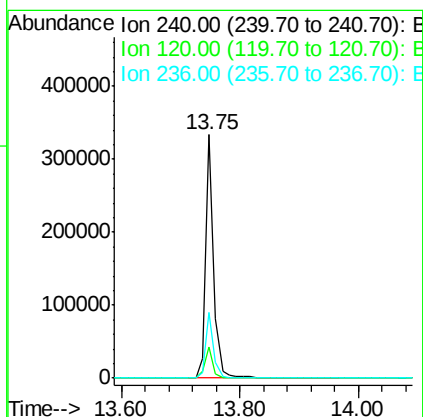
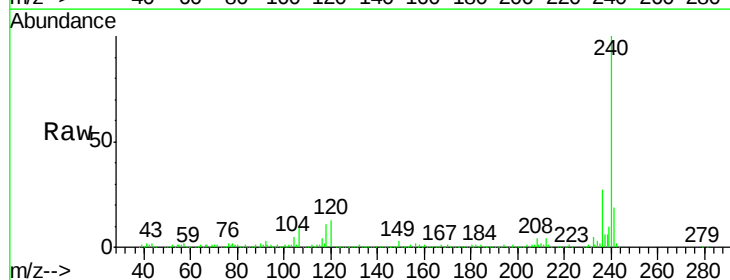
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C7-GW

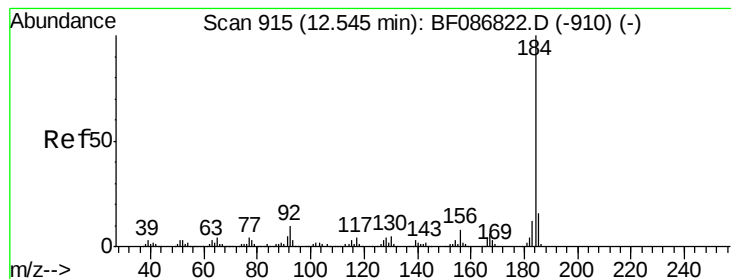
Tgt Ion:248 Resp: 20013
 Ion Ratio Lower Upper
 248 100
 250 198.6 78.6 117.8#
 141 701.6 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.09 min
 Lab File: BF087020.D
 Acq: 14 May 2016 15:14

Tgt Ion:240 Resp: 323432
 Ion Ratio Lower Upper
 240 100
 120 12.5 11.2 16.8
 236 26.8 21.2 31.8





#76

Benzidine

Concen: 2.24 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.16 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

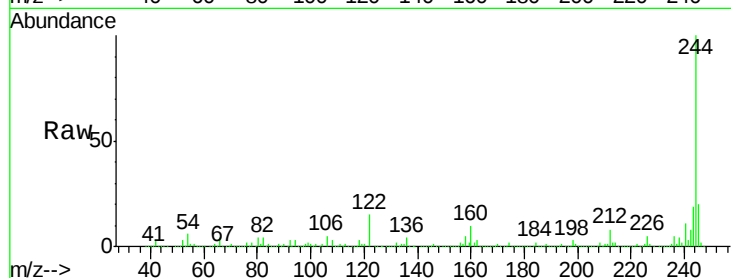
Tgt Ion:184 Resp: 18494

Ion Ratio Lower Upper

184 100

185 18.5 13.6 20.4

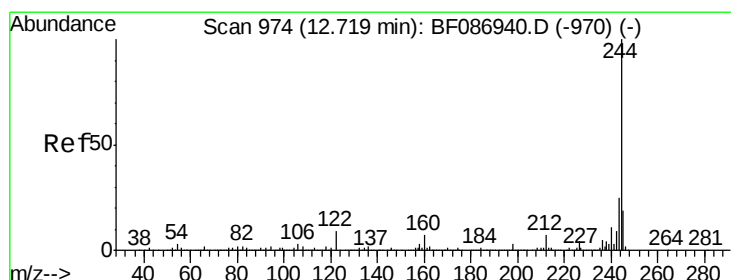
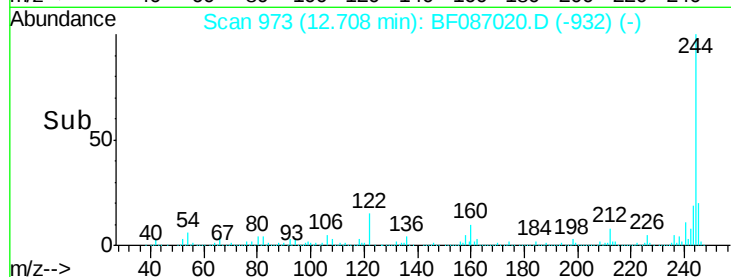
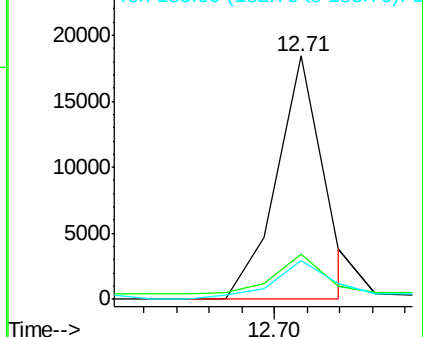
183 16.2 9.8 14.6#



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



#78

Terphenyl-d14

Concen: 74.49 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

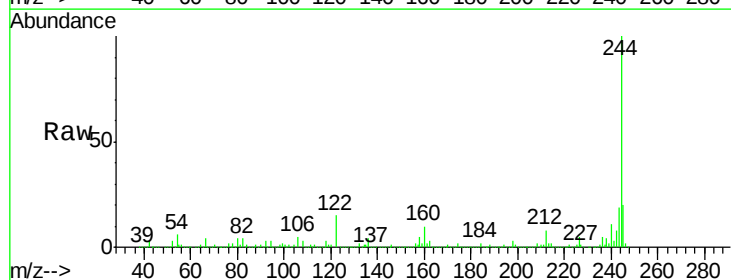
Tgt Ion:244 Resp: 1135501

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

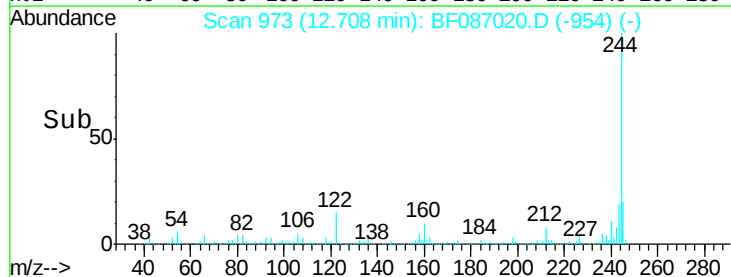
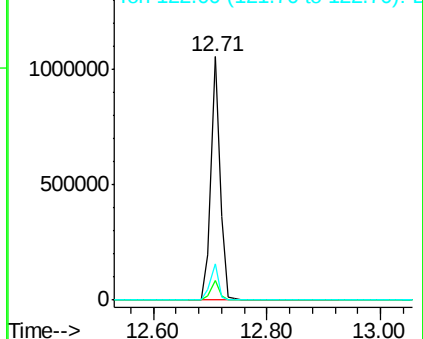
122 14.9 12.0 18.0

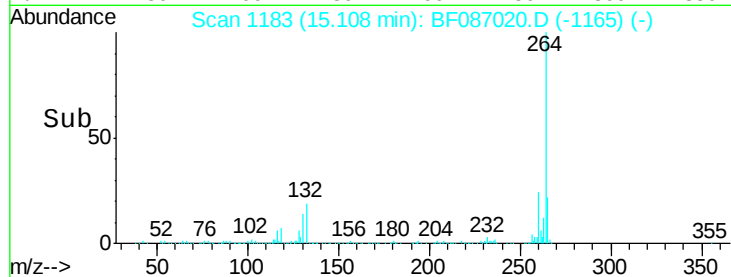
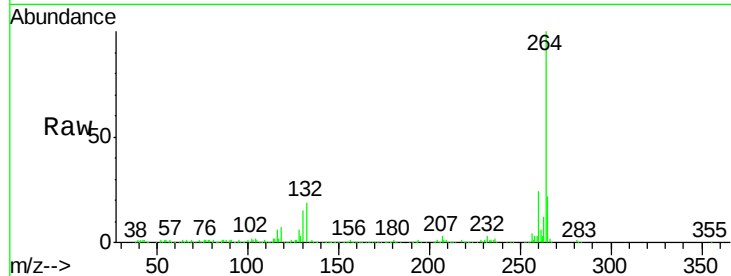
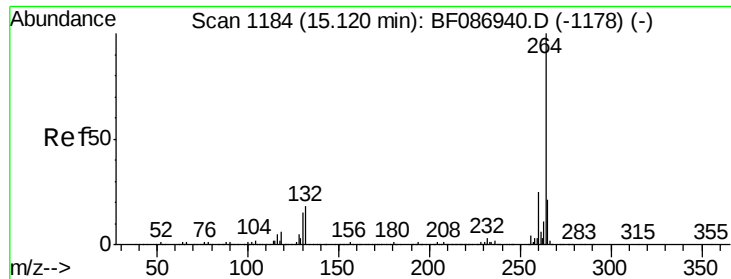


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.10 min

Lab File: BF087020.D

Acq: 14 May 2016 15:14

Instrument :

BNA_F

ClientSampleId :

OWL-C7-GW

Tgt Ion: 264 Resp: 263153

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 22.0 17.3 25.9

