

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF087019.D
 Acq On : 14 May 2016 14:45
 Operator : UM/SJ
 Sample : H2990-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: May 16 01:06:26 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	6.62	152	140049	20.00	ng	-0.08
21) Naphthalene-d8	7.90	136	564241	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	252882	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	472797	20.00	ng	-0.08
75) Chrysene-d12	13.75	240	336348	20.00	ng	-0.09
86) Perylene-d12	15.11	264	291075	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	780854	94.42	ng	-0.08
7) Phenol-d6	6.27	99	712839	64.50	ng	-0.09
23) Nitrobenzene-d5	7.19	82	1032247	91.86	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	420007	156.88	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1501615	99.80	ng	-0.08
78) Terphenyl-d14	12.72	244	1403702	88.55	ng	-0.08

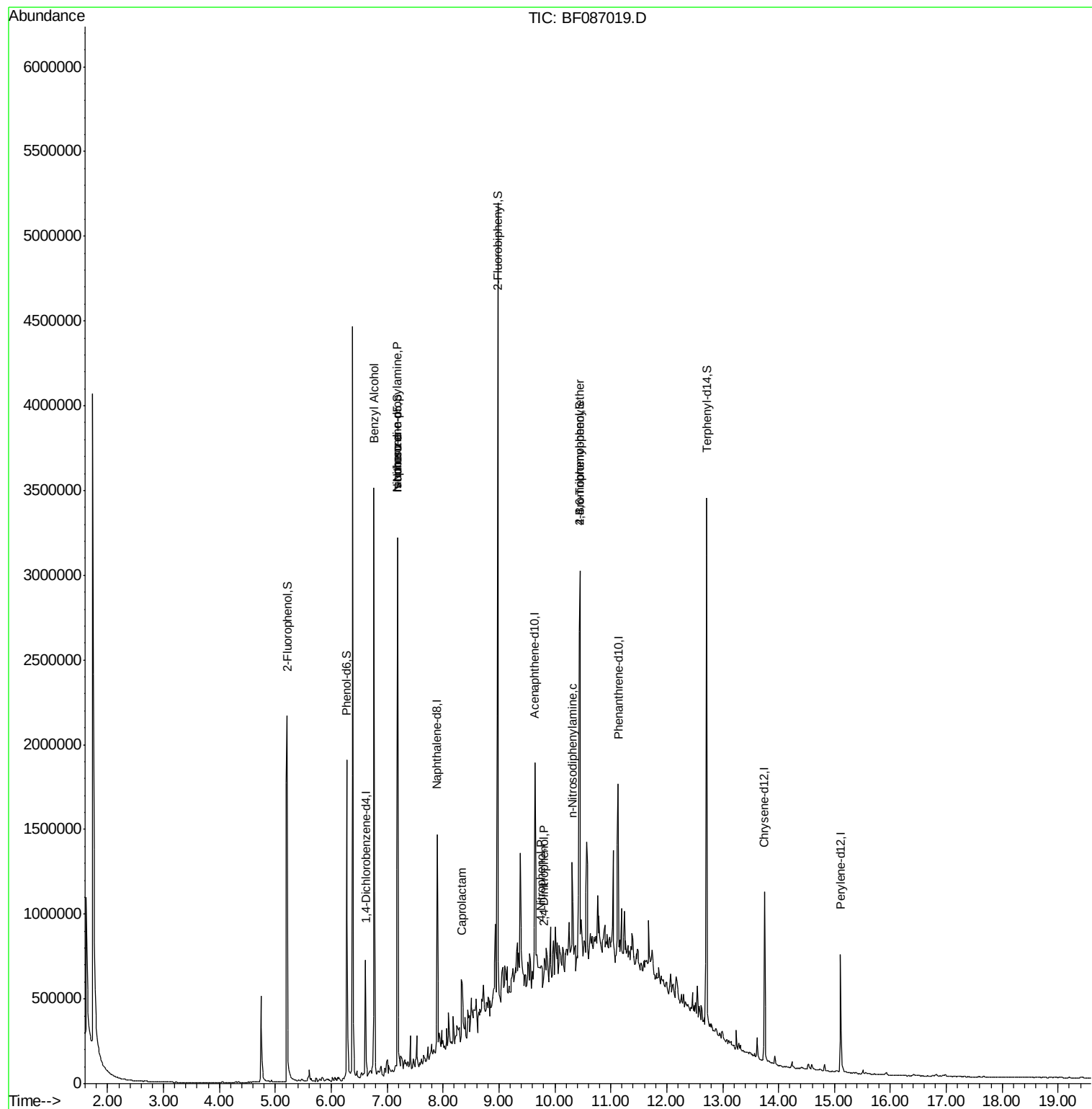
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.76	79	17496	2.29	ng	# 42
19) n-Nitroso-di-n-propylamine	7.19	70	154741	20.03	ng	# 72
25) Isophorone	7.19	82	1004622	48.19	ng	# 69
35) Caprolactam	8.33	113	9545	3.68	ng	# 1
53) 2,4-Dinitrophenol	9.80	184	371	7.85	ng	# 1
55) 4-Nitrophenol	9.76	139	1711	5.13	ng	# 1
60) 4-Chlorophenyl-phenylether	10.18	204	666	Below Cal		# 1
65) n-Nitrosodiphenylamine	10.31	169	38762	2.67	ng	# 44
66) 4-Bromophenyl-phenylether	10.44	248	24220	5.05	ng	# 1

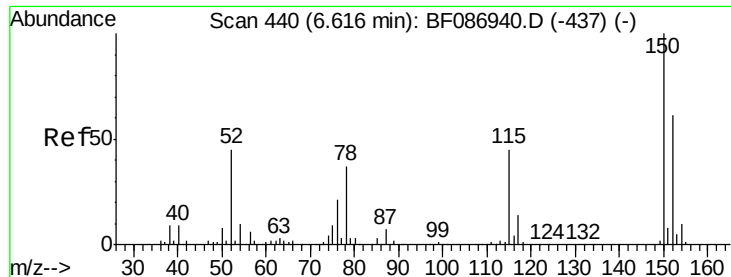
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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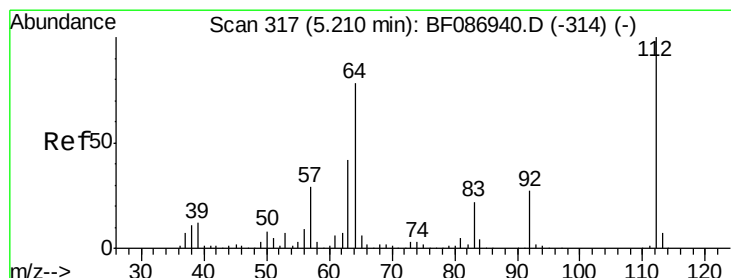
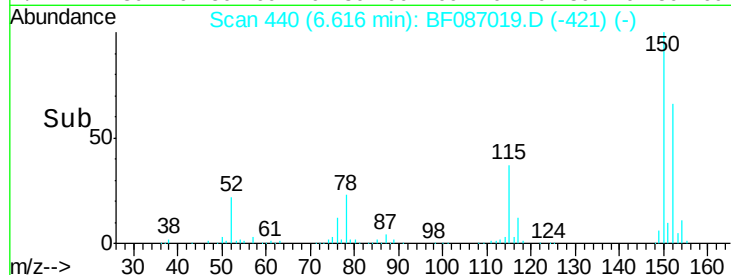
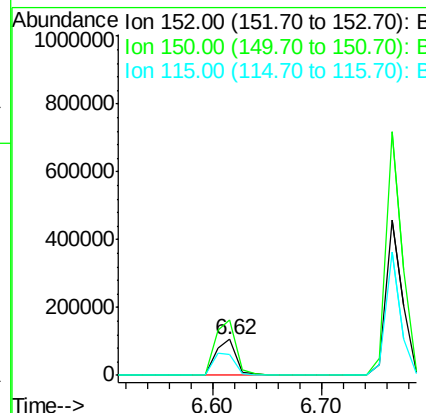
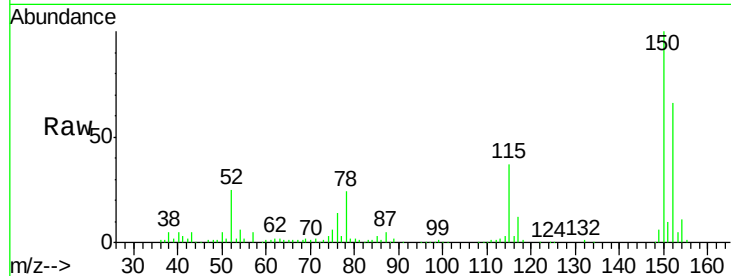


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.08 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

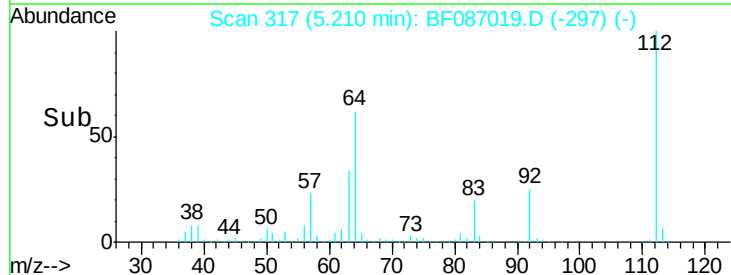
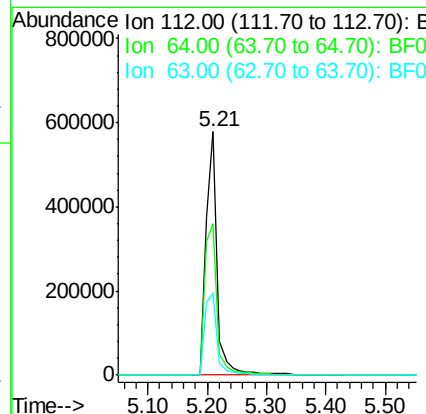
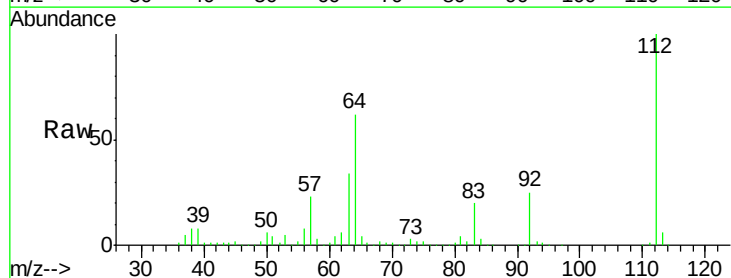
Tgt Ion:152 Resp: 140049
Ion Ratio Lower Upper
152 100
150 152.2 125.8 188.6
115 56.2 51.5 77.3

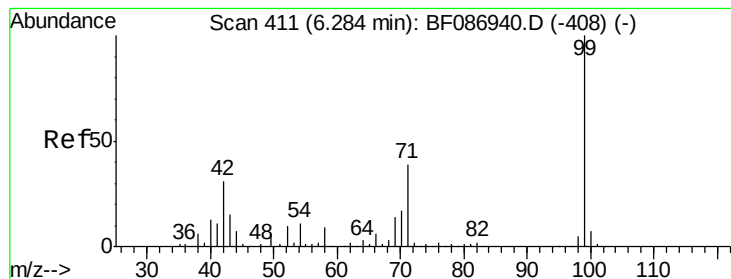


#5

2-Fluorophenol
Concen: 94.42 ng
RT: 5.21 min Scan# 317
Delta R.T. -0.08 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Tgt Ion:112 Resp: 780854
Ion Ratio Lower Upper
112 100
64 62.3 52.1 78.1
63 34.1 25.7 38.5





#7

Phenol-d6

Concen: 64.50 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

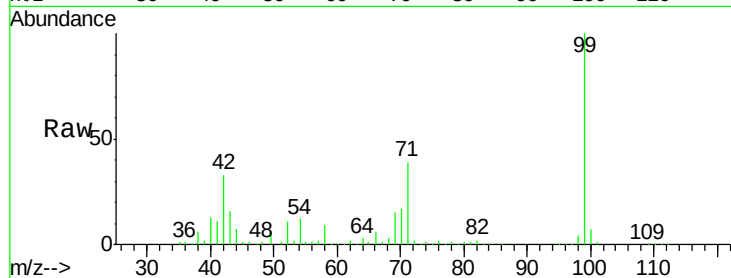
Tgt Ion: 99 Resp: 712839

Ion Ratio Lower Upper

99 100

42 32.8 13.6 20.4#

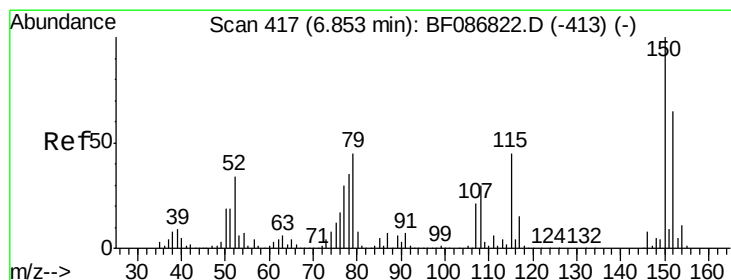
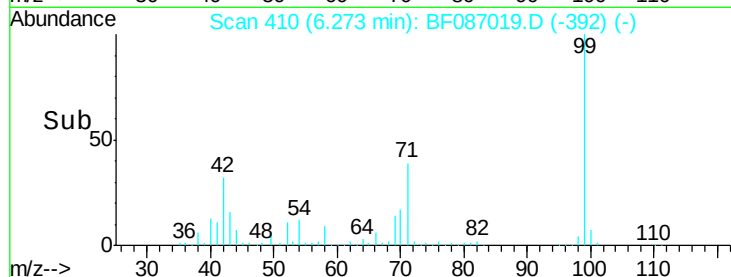
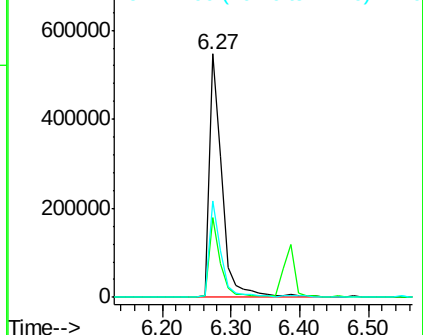
71 39.4 24.6 36.8#



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: 2.29 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.09 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

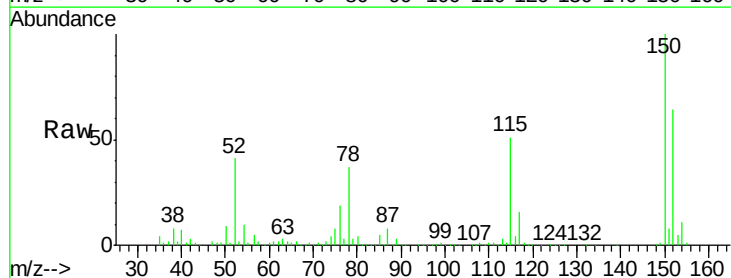
Tgt Ion: 79 Resp: 17496

Ion Ratio Lower Upper

79 100

108 30.6 68.4 102.6#

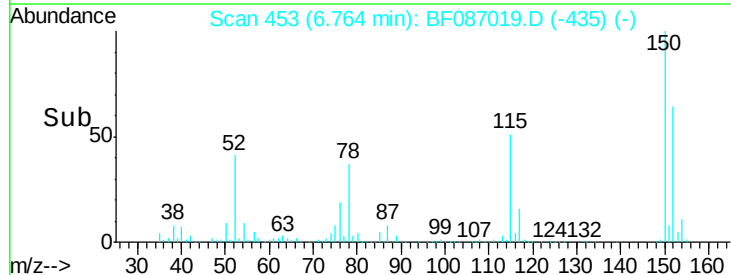
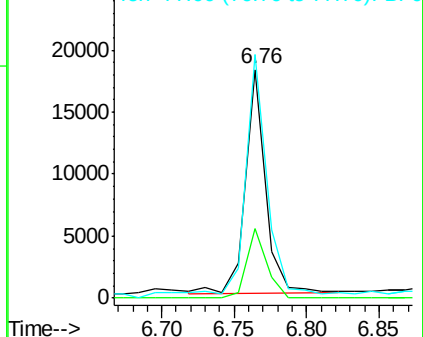
77 106.6 50.6 76.0#

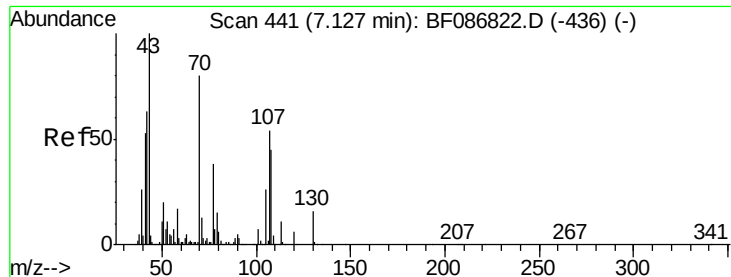


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

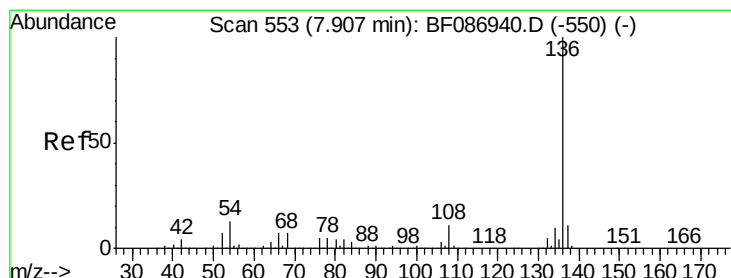
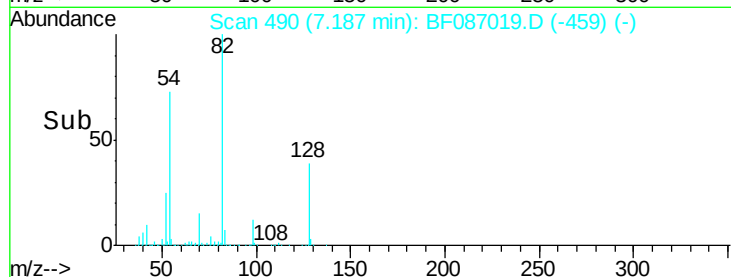
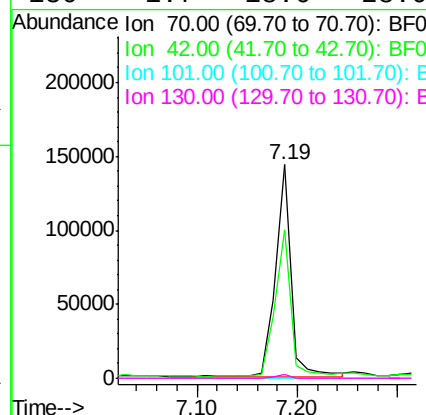
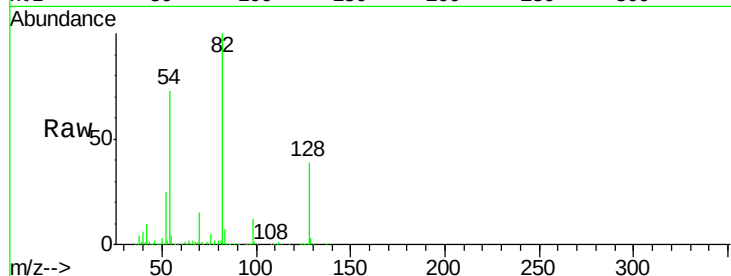




#19
n-Nitroso-di-n-propylamine
Concen: 20.03 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.06 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

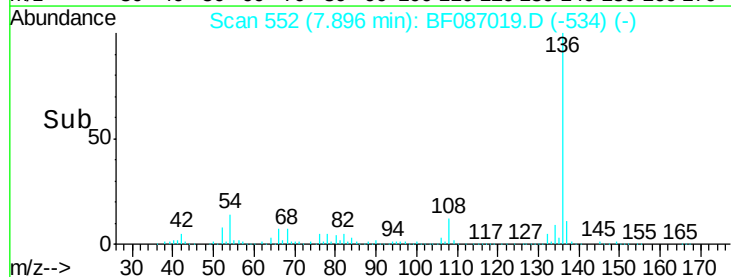
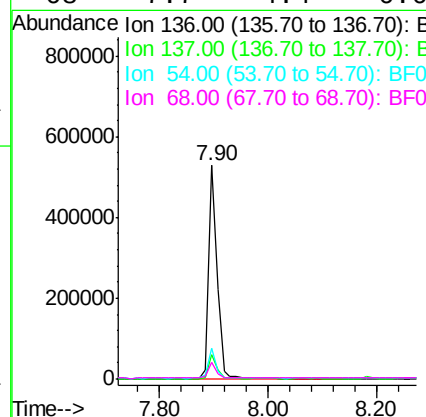
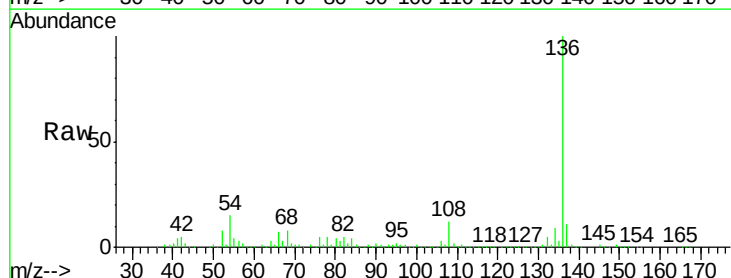
Instrument :
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OWL-C6-GW

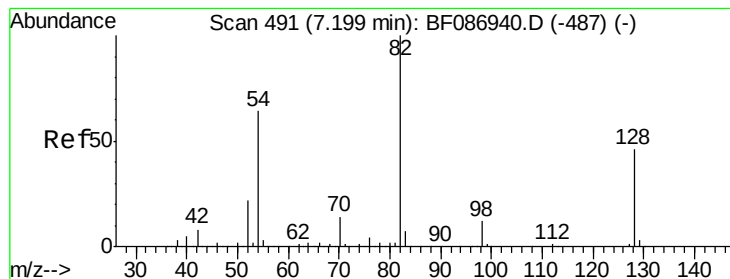
Tgt Ion: 70 Resp: 154741
Ion Ratio Lower Upper
70 100
42 69.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Tgt Ion: 136 Resp: 564241
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 14.6 5.0 7.4#
68 7.7 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 91.86 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.08 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

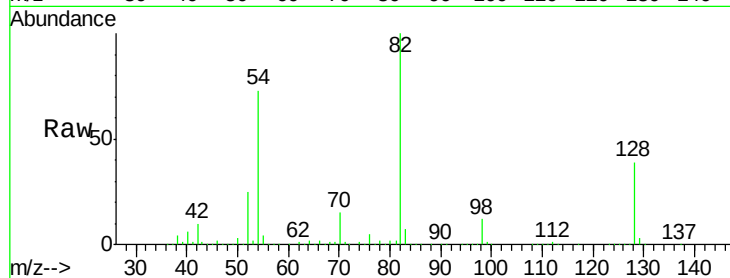
Tgt Ion: 82 Resp: 1032247

Ion Ratio Lower Upper

82 100

128 38.6 40.6 61.0#

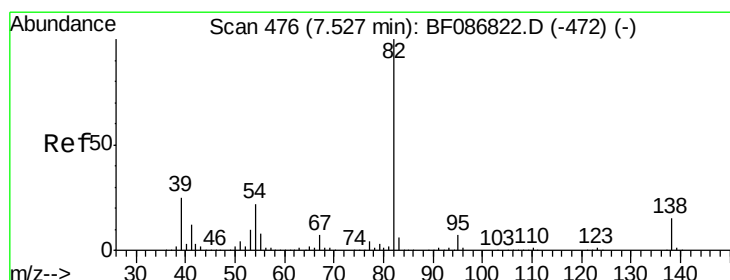
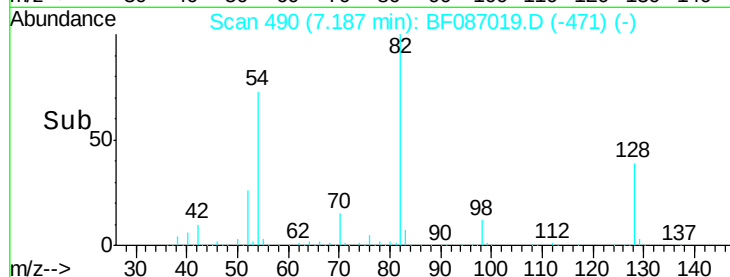
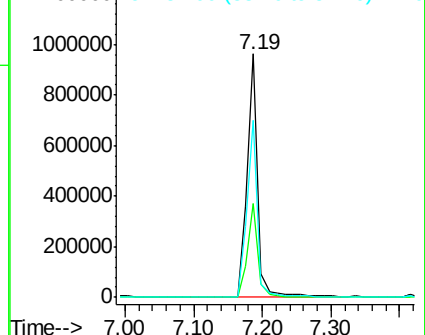
54 72.6 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 48.19 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

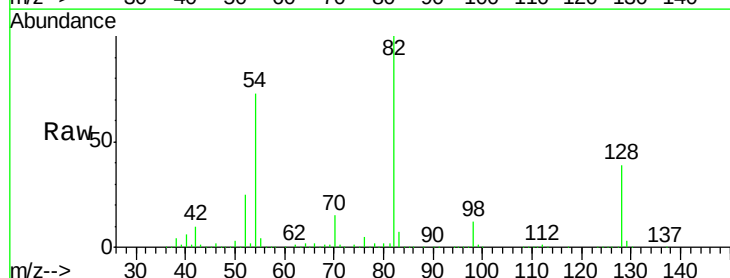
Tgt Ion: 82 Resp: 1004622

Ion Ratio Lower Upper

82 100

95 0.2 5.1 7.7#

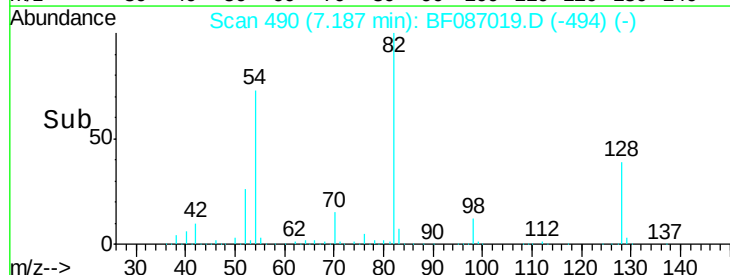
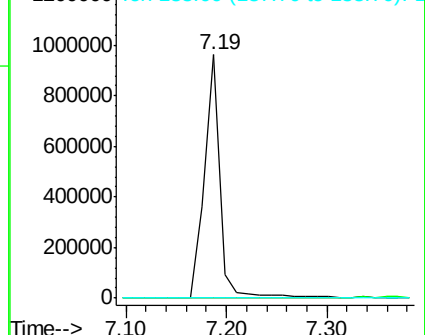
138 0.0 12.4 18.6#

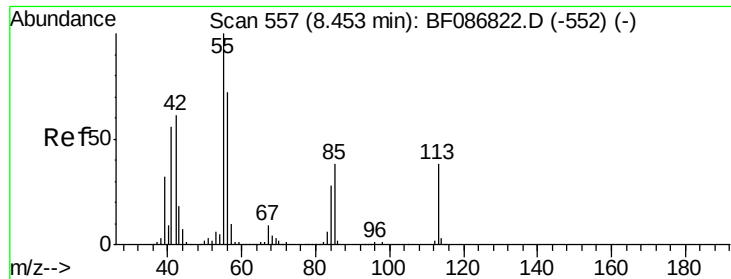


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

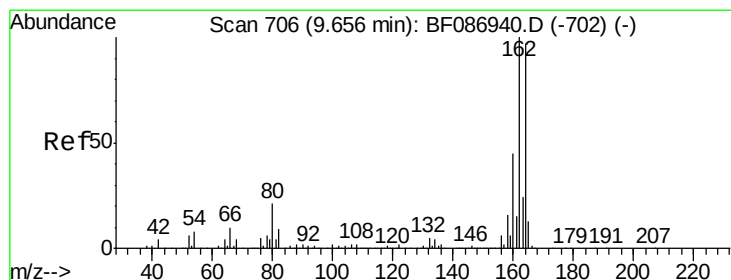
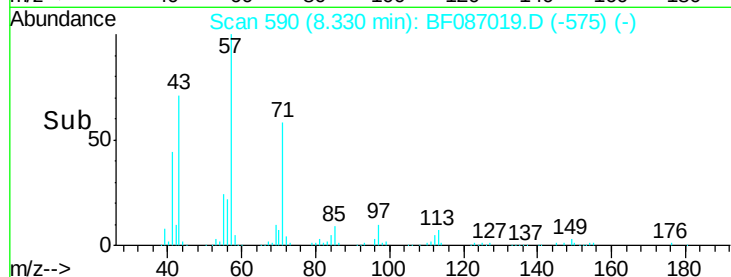
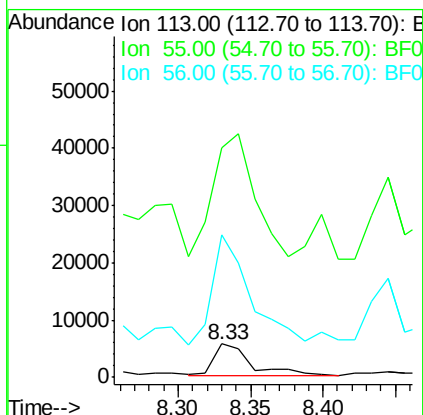
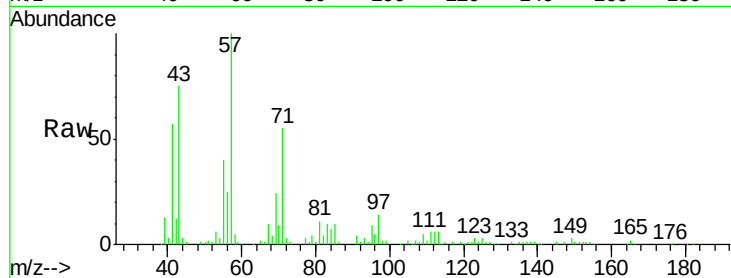




#35
 Caprolactam
 Concen: 3.68 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.12 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

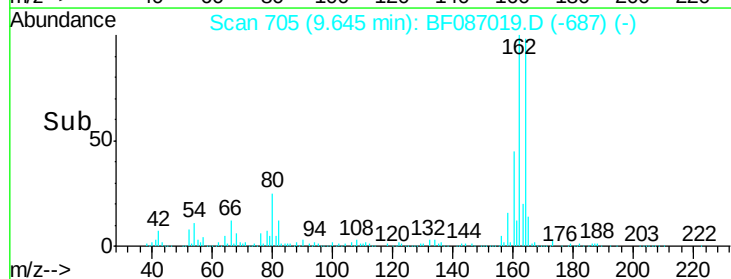
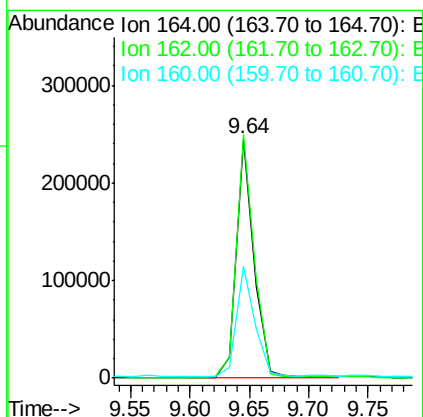
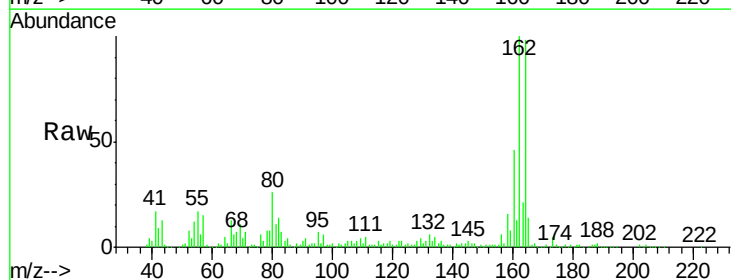
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

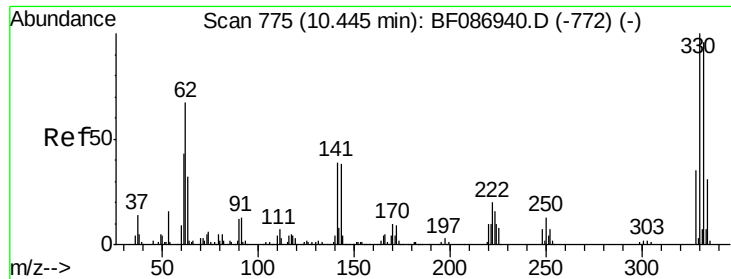
Tgt Ion:113 Resp: 9545
 Ion Ratio Lower Upper
 113 100
 55 683.8 162.0 202.0#
 56 422.4 115.3 155.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion:164 Resp: 252882
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 46.8 36.9 55.3

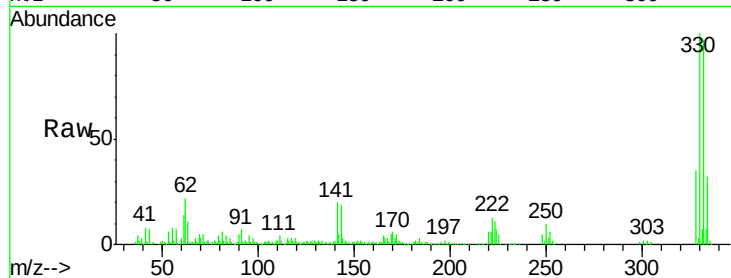




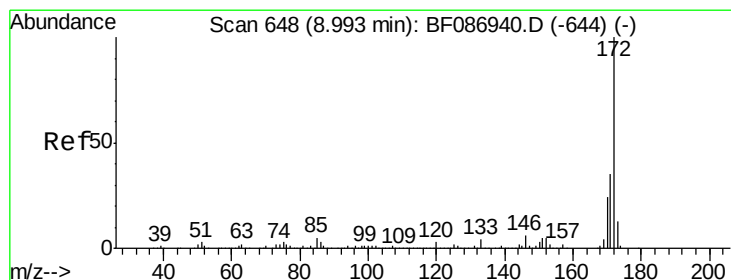
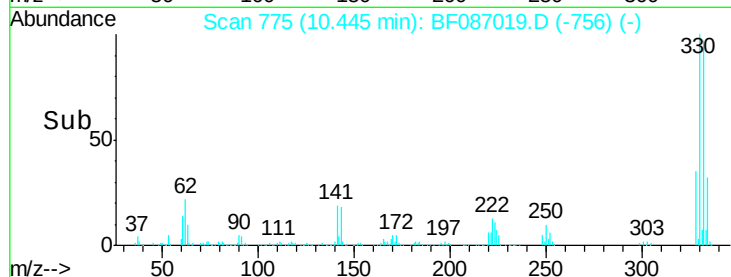
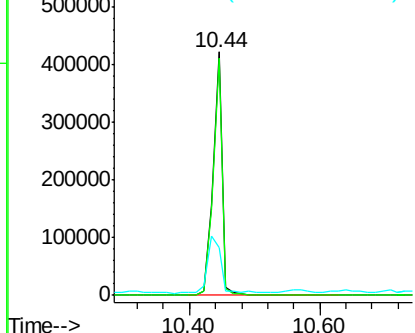
#41
 2,4,6-Tribromophenol
 Concen: 156.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tgt Ion:330 Resp: 420007
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 32.7 31.2 46.8

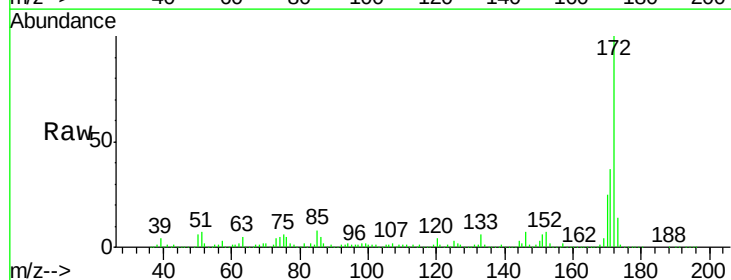


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

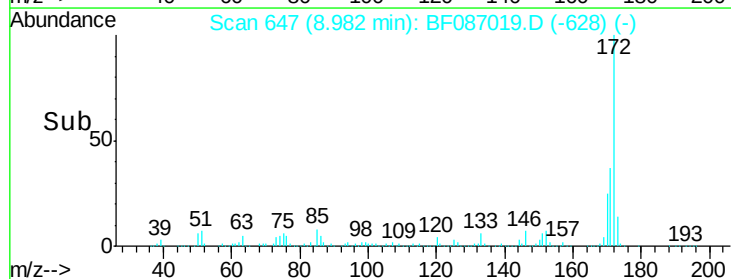
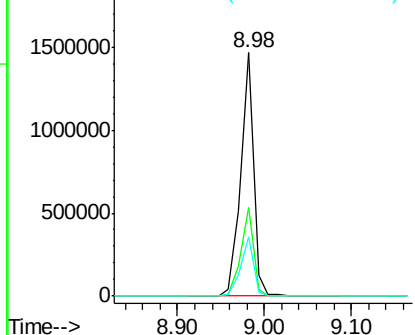


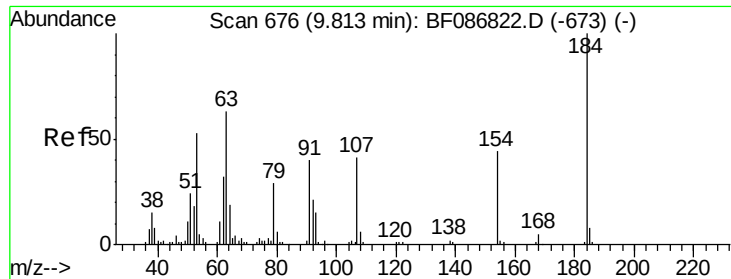
#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion:172 Resp: 1501615
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 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

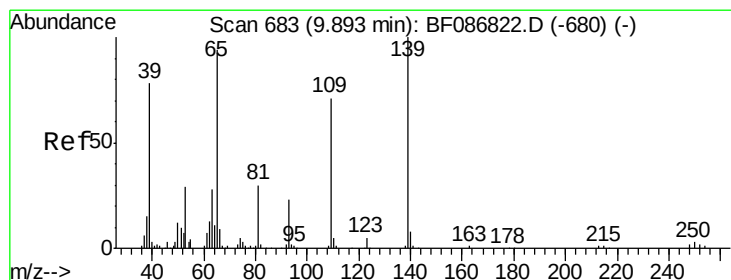
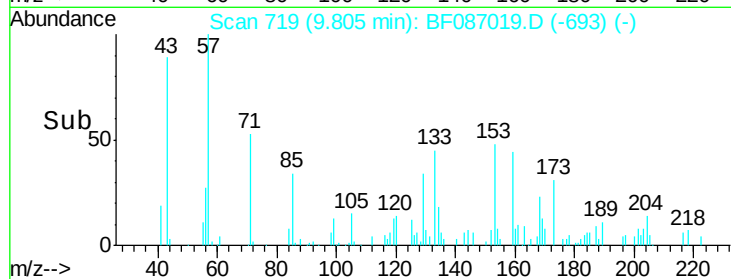
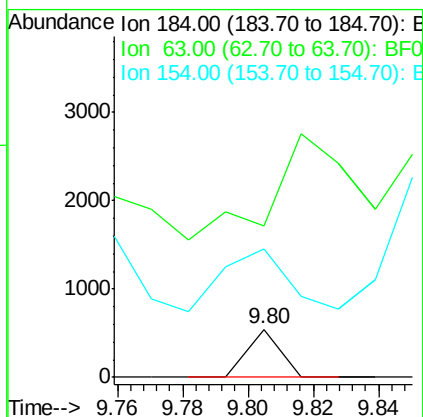
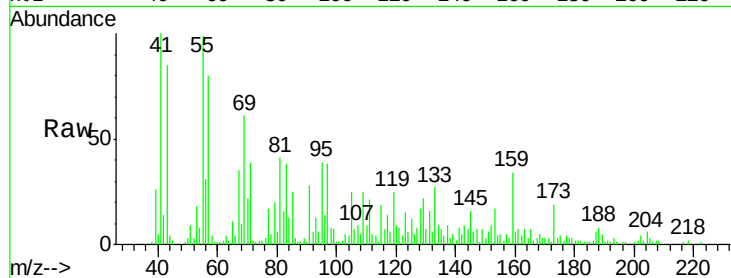




#53
 2,4-Dinitrophenol
 Concen: 7.85 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

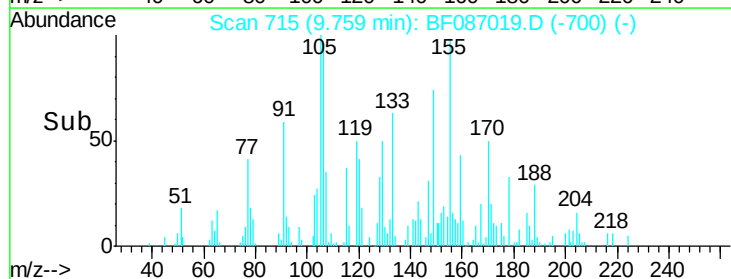
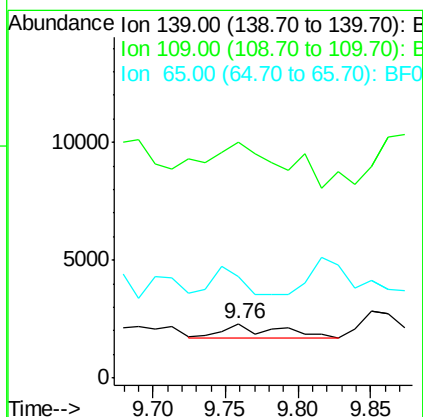
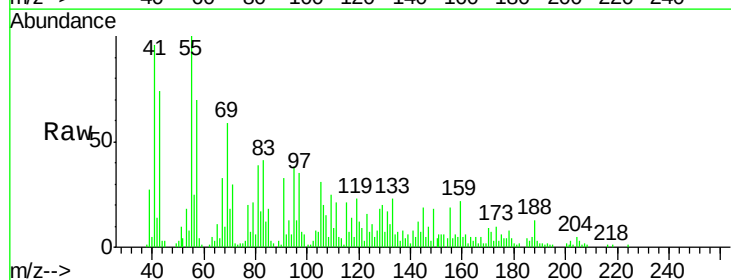
Instrument :
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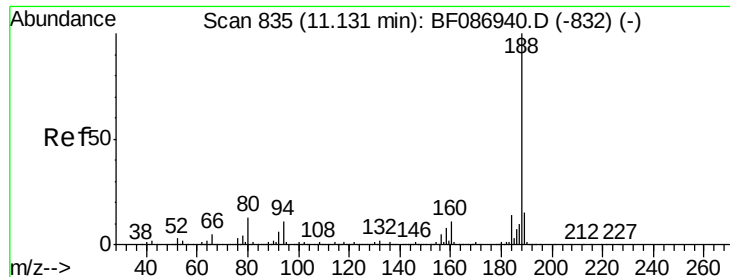
Tgt Ion:184 Resp: 371
 Ion Ratio Lower Upper
 184 100
 63 316.8 55.8 83.8#
 154 270.1 62.4 93.6#



#55
 4-Nitrophenol
 Concen: 5.13 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.13 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion:139 Resp: 1711
 Ion Ratio Lower Upper
 139 100
 109 430.5 36.9 76.9#
 65 185.3 64.0 104.0#

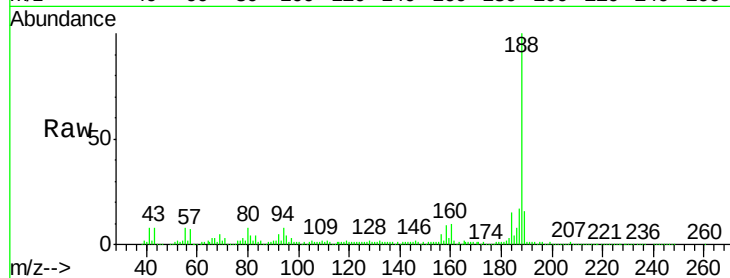




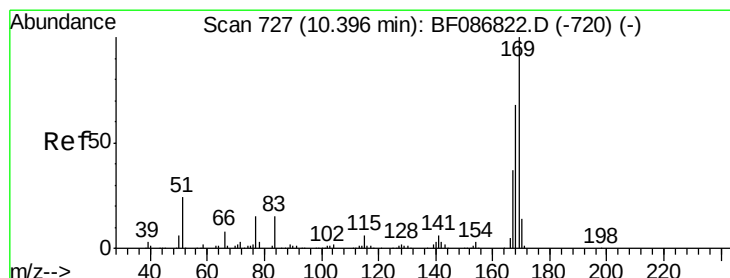
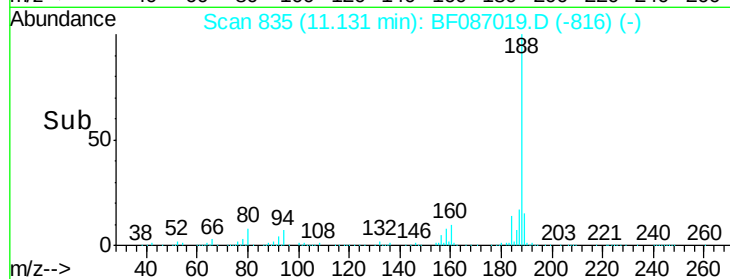
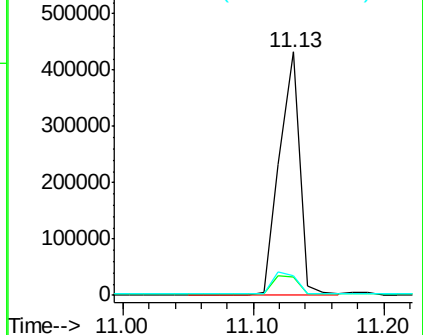
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.8	10.2
80	8.1	7.1	10.7

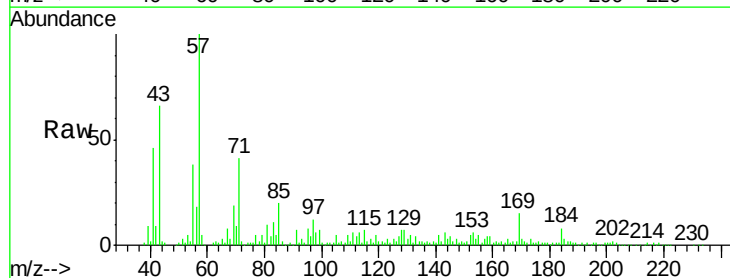


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

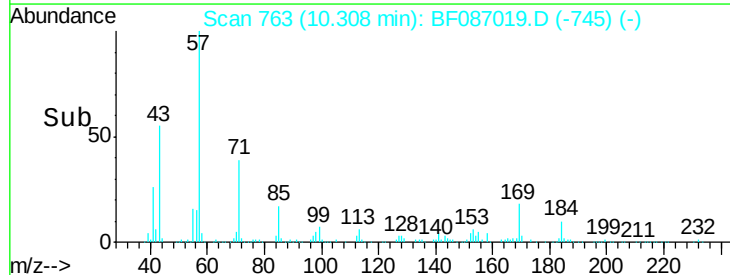
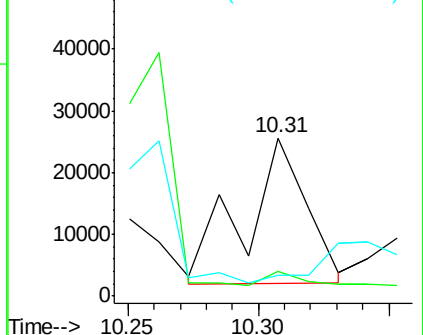


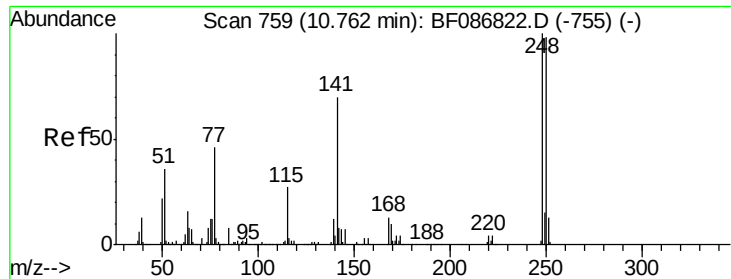
#65
 n-Nitrosodiphenylamine
 Concen: 2.67 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.09 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	15.7	53.8	80.6#
167	13.1	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

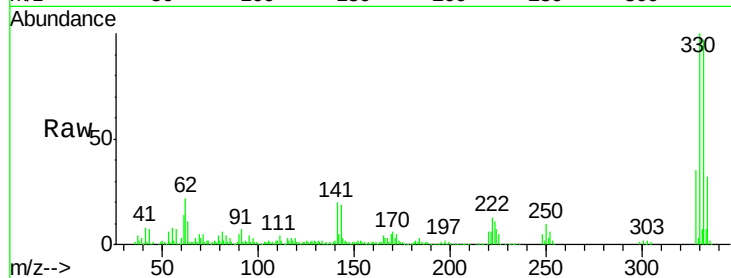




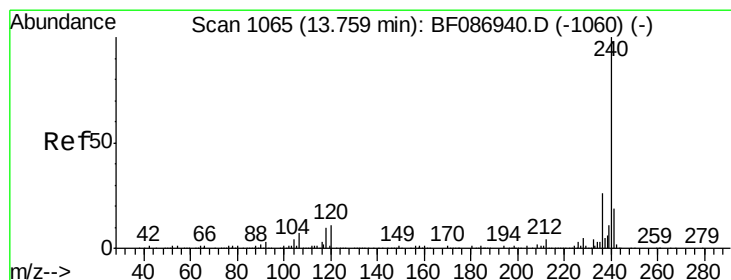
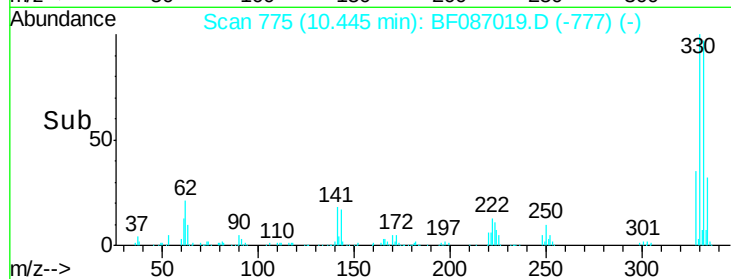
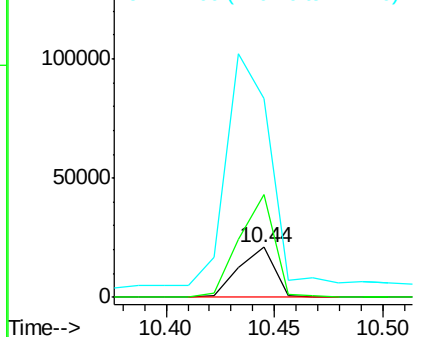
#66
4-Bromophenyl-phenylether
Concen: 5.05 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tgt Ion:248 Resp: 24220
Ion Ratio Lower Upper
248 100
250 205.8 78.6 117.8#
141 396.8 76.0 114.0#

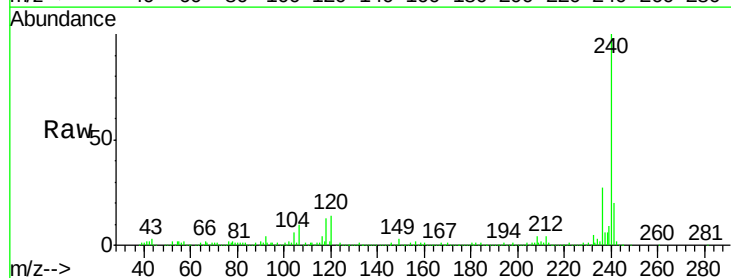


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

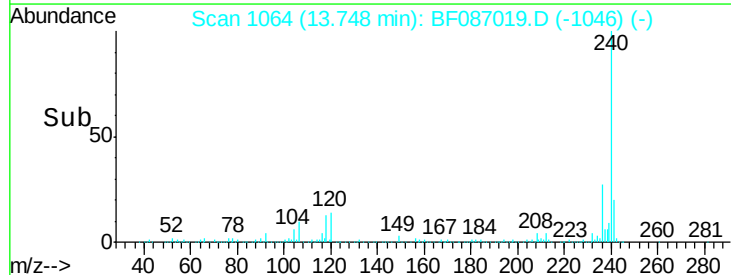
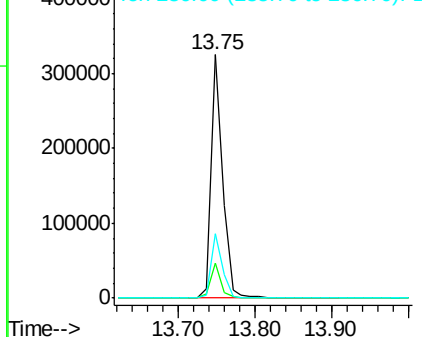


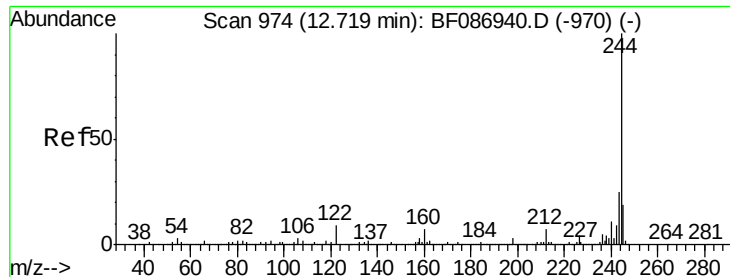
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.09 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Tgt Ion:240 Resp: 336348
Ion Ratio Lower Upper
240 100
120 14.4 11.2 16.8
236 26.5 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: 88.55 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

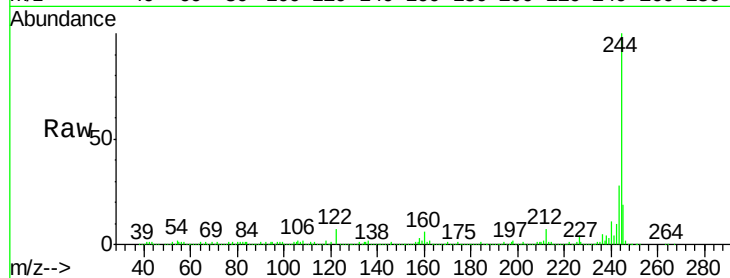
Tgt Ion:244 Resp: 1403702

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 7.1 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

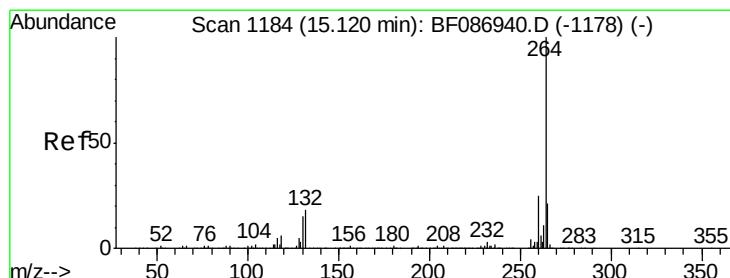
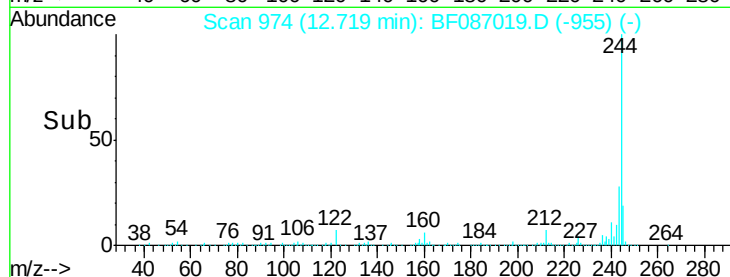
12.72

1000000

500000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

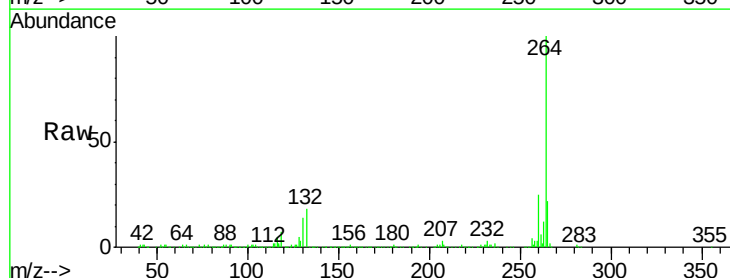
Tgt Ion:264 Resp: 291075

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.6 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

15.11

300000

200000

100000

0

Time-->

