

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086987.D
 Acq On : 13 May 2016 23:19
 Operator : UM/SJ
 Sample : H2877-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: May 14 01:38:58 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

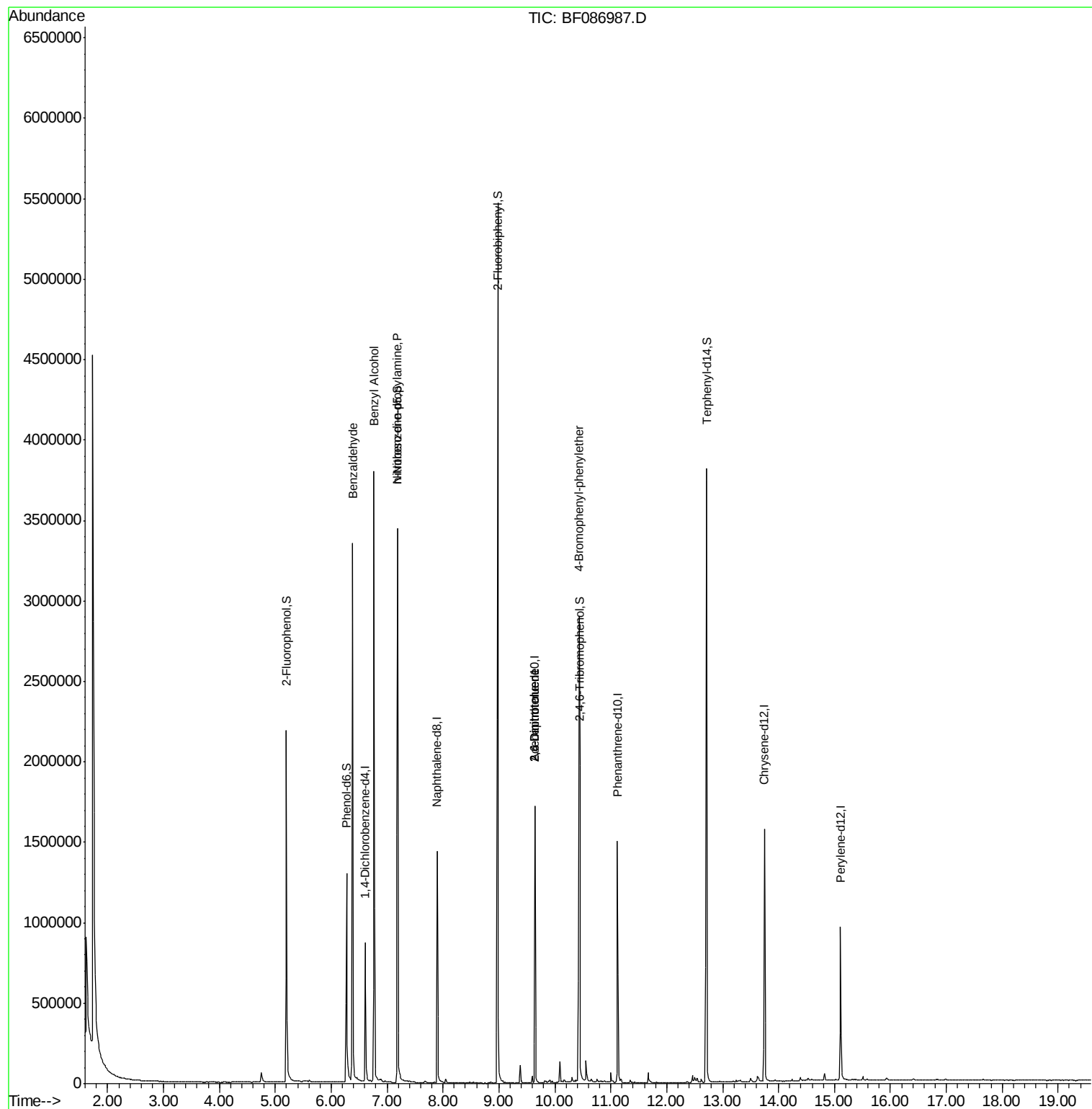
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	161717	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	646758	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	323230	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	590926	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	521618	20.00	ng	-0.01
86) Perylene-d12	15.11	264	393233	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	607786	63.65	ng	0.00
7) Phenol-d6	6.27	99	485824	38.07	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1199040	93.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	508152	148.50	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1800415	93.61	ng	0.00
78) Terphenyl-d14	12.72	244	1871977	76.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	29961	4.05	ng	# 81
15) Benzyl Alcohol	6.76	79	18753	2.13	ng	# 43
19) n-Nitroso-di-n-propylamine	7.19	70	171424	19.22	ng	# 72
50) 2,6-Dinitrotoluene	9.64	165	41566	8.01	ng	# 20
56) 2,4-Dinitrotoluene	9.64	165	41560	6.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	28651	4.78	ng	# 1

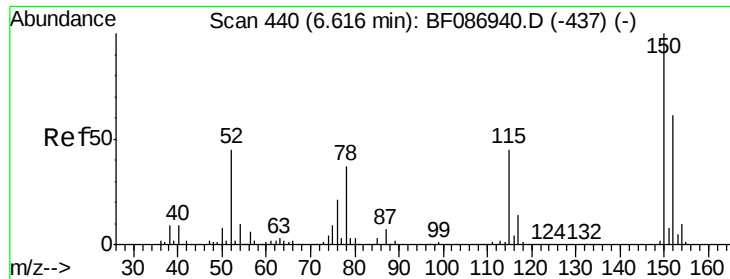
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:02:21 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampleId :

MW-34

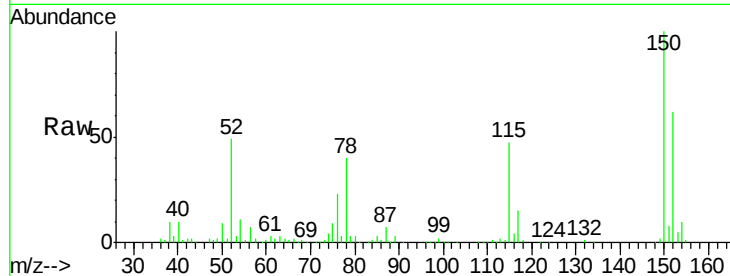
Tgt Ion:152 Resp: 161717

Ion Ratio Lower Upper

152 100

150 160.6 125.8 188.6

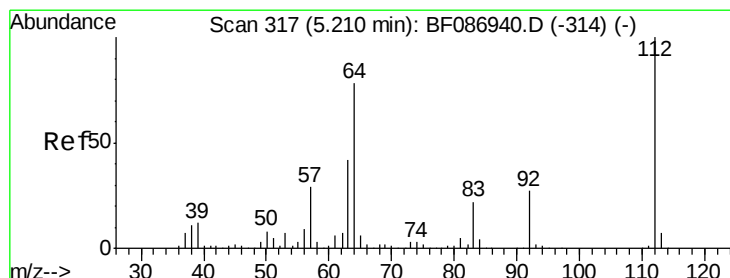
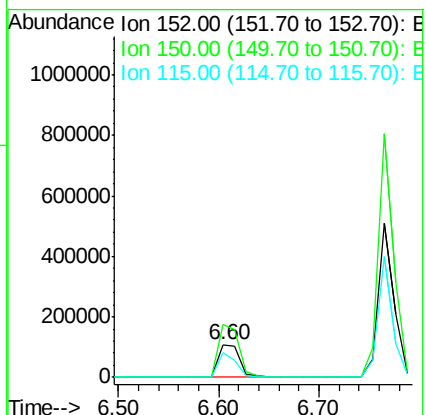
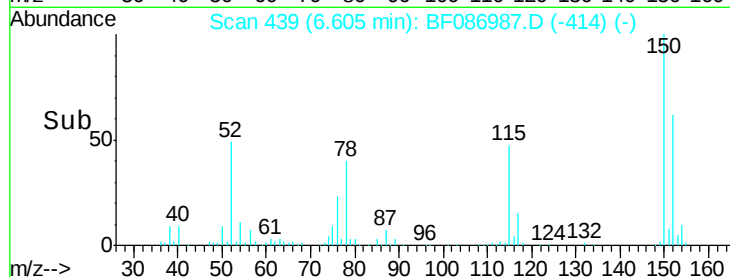
115 76.2 51.5 77.3



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: 63.65 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

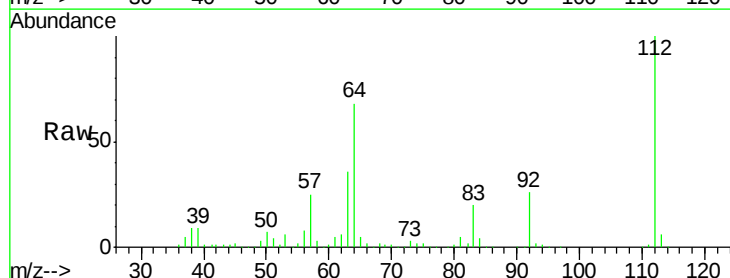
Tgt Ion:112 Resp: 607786

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

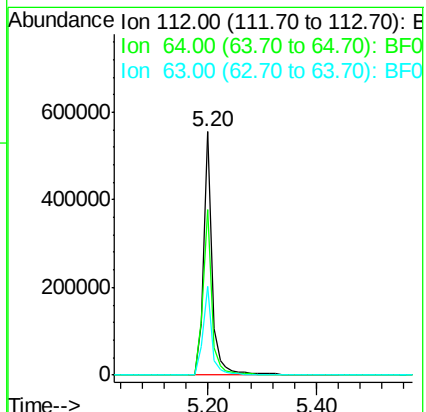
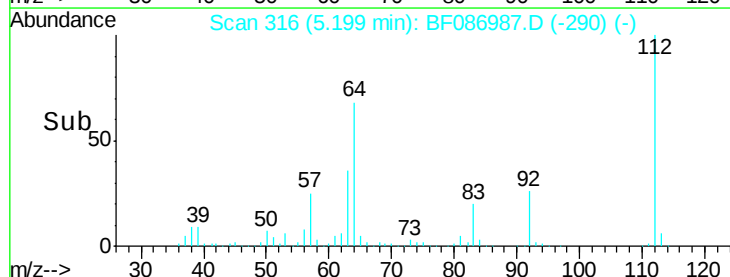
63 36.3 25.7 38.5

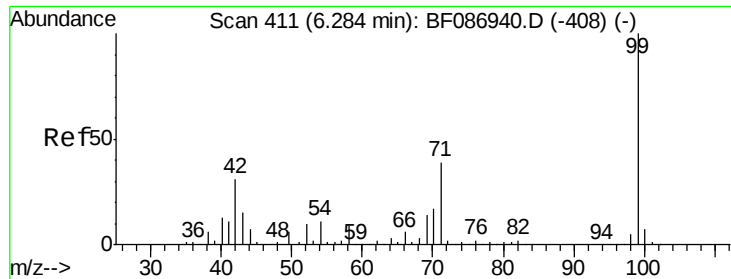


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.07 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampled :

MW-34

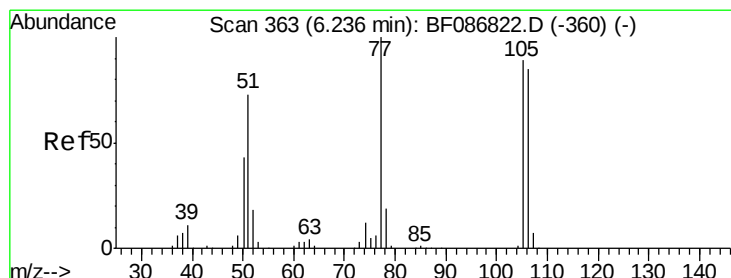
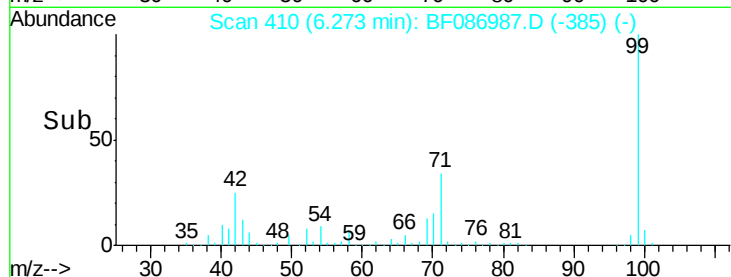
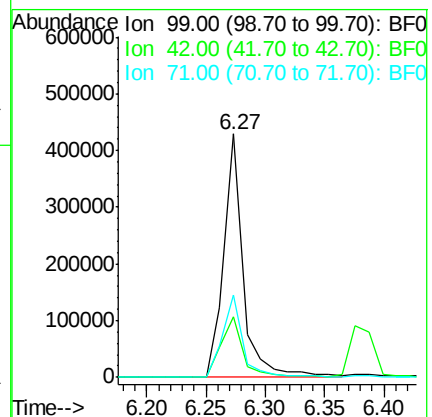
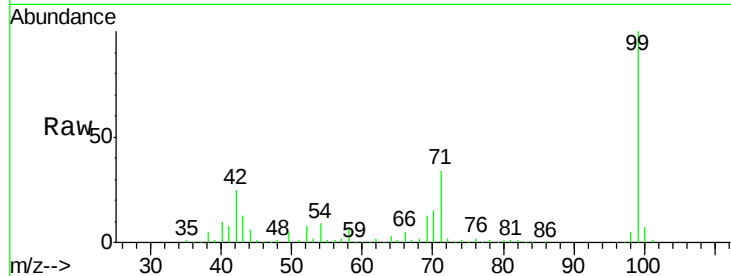
Tgt Ion: 99 Resp: 485824

Ion Ratio Lower Upper

99 100

42 24.7 13.6 20.4#

71 34.0 24.6 36.8



#9

Benzaldehyde

Concen: 4.05 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.23 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

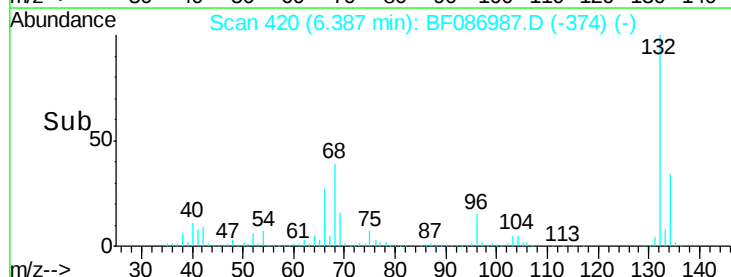
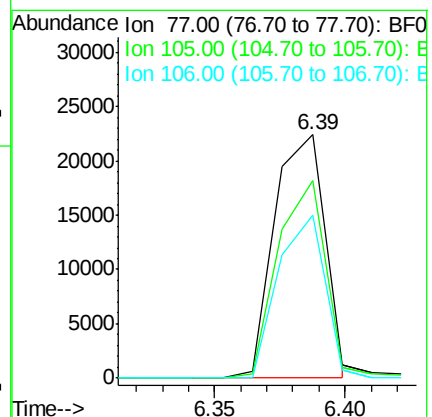
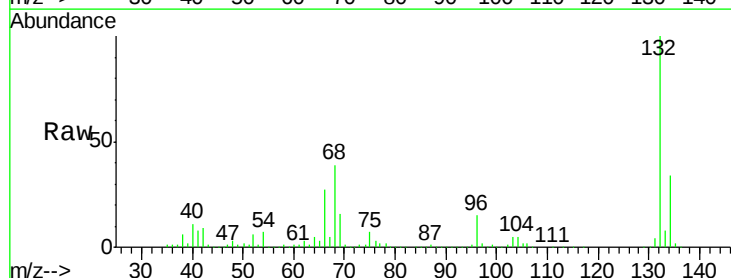
Tgt Ion: 77 Resp: 29961

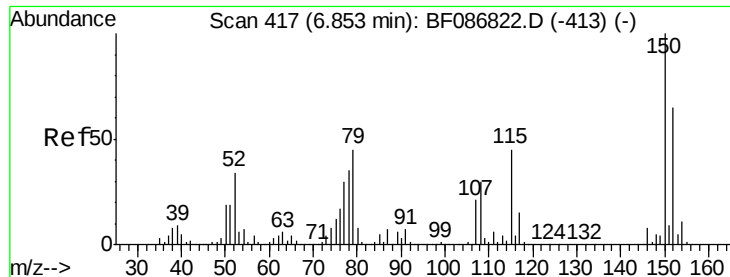
Ion Ratio Lower Upper

77 100

105 81.0 72.7 112.7

106 67.1 70.8 110.8#

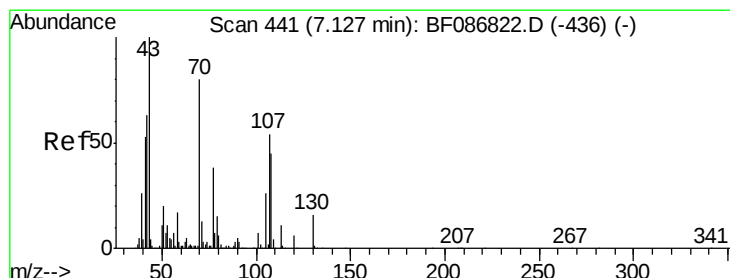
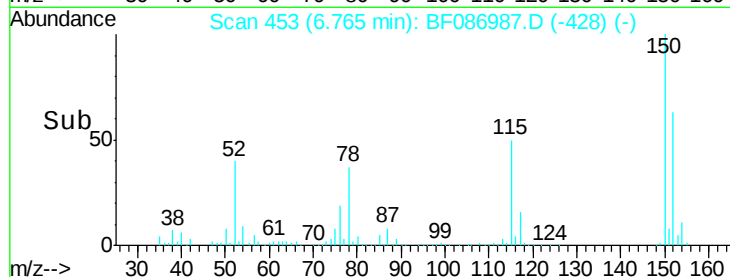
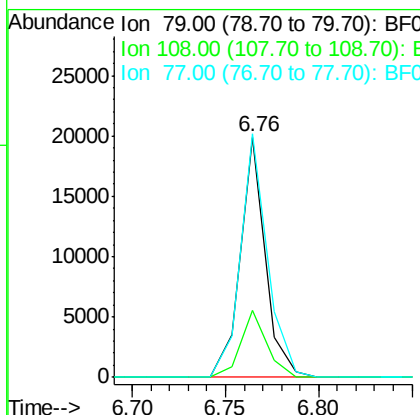
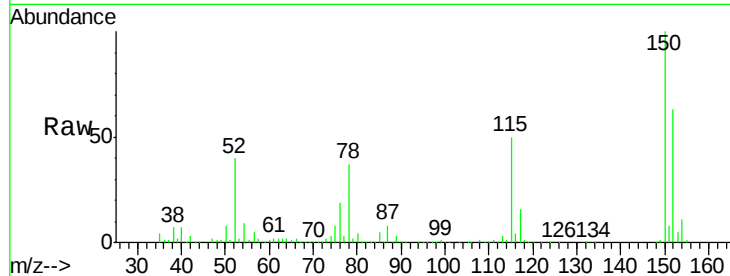




#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

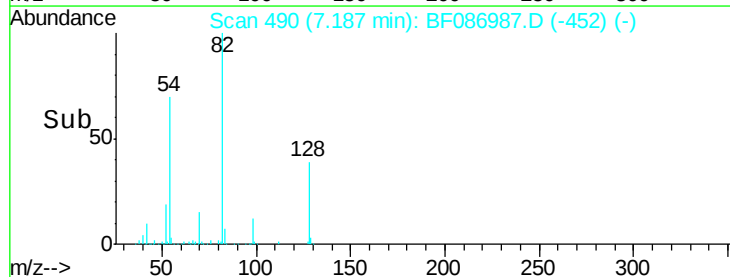
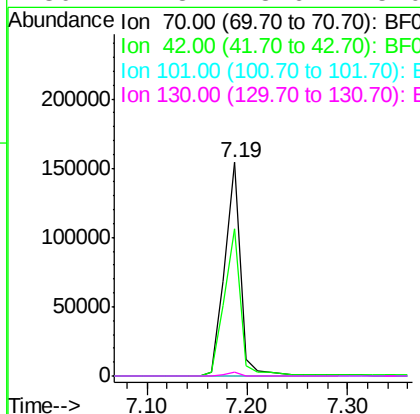
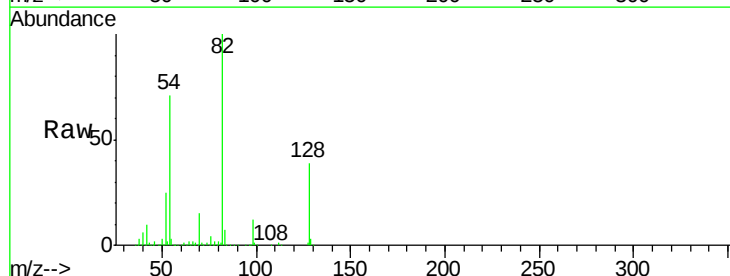
Instrument :
BNA_F
ClientSampleId :
MW-34

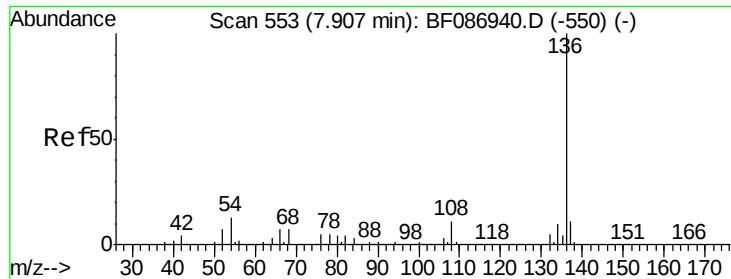
Tgt Ion: 79 Resp: 18753
Ion Ratio Lower Upper
79 100
108 27.7 68.4 102.6#
77 101.4 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 19.22 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Tgt Ion: 70 Resp: 171424
Ion Ratio Lower Upper
70 100
42 69.0 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: BF086987.D

Acq: 13 May 2016 23:19

Instrument :

BNA_F

ClientSampleId :

MW-34

Tgt Ion:136 Resp: 646758

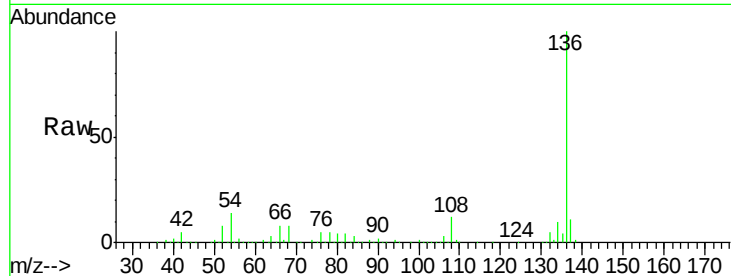
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.5 5.0 7.4#

68 7.7 4.4 6.6#

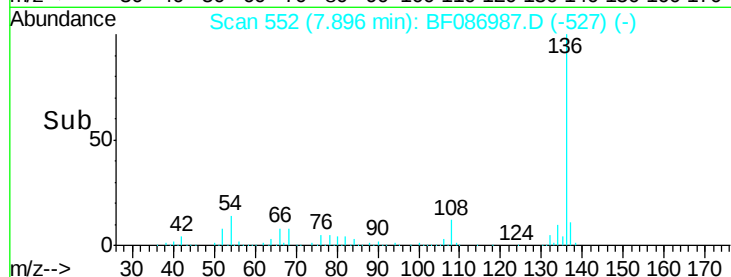


Abundance Ion 136.00 (135.70 to 136.70): E

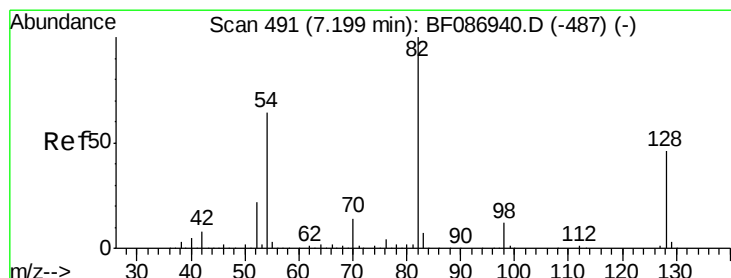
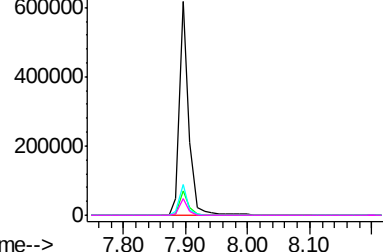
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 93.09 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF086987.D

Acq: 13 May 2016 23:19

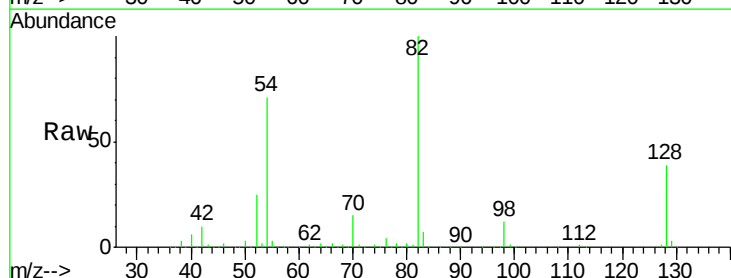
Tgt Ion: 82 Resp: 1199040

Ion Ratio Lower Upper

82 100

128 39.2 40.6 61.0#

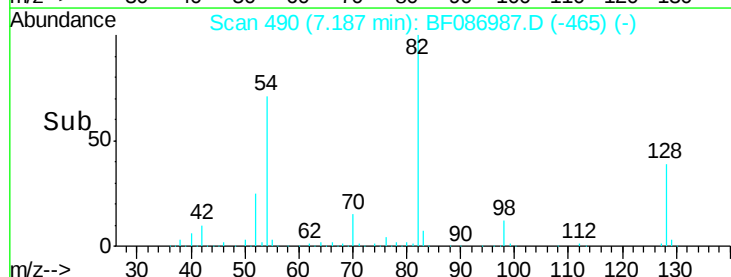
54 71.5 38.1 57.1#



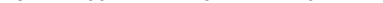
Abundance Ion 82.00 (81.70 to 82.70): BF0

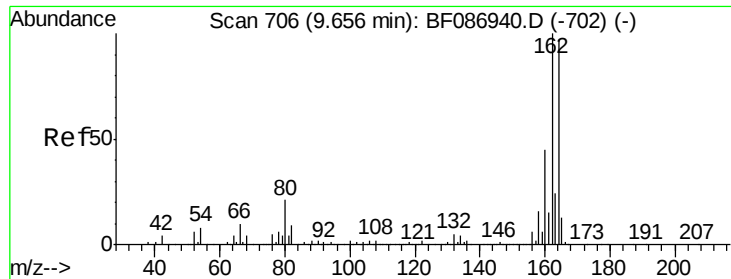
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

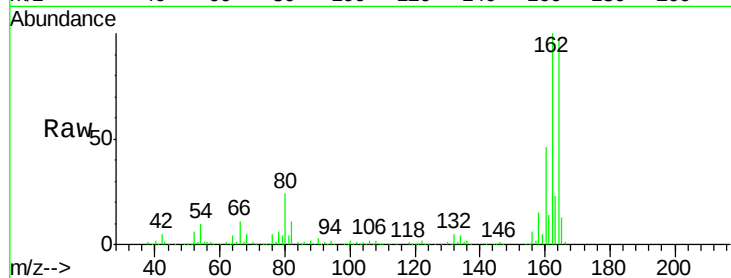




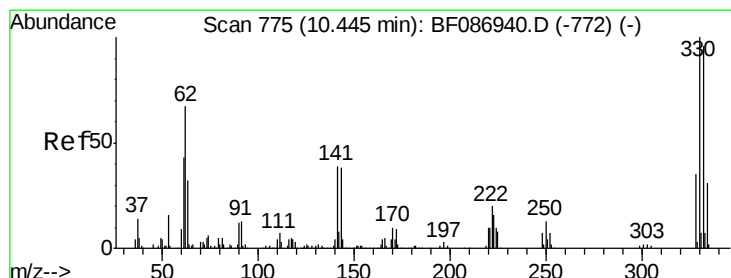
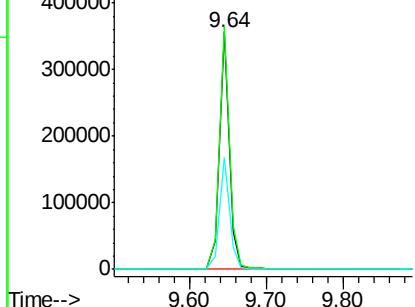
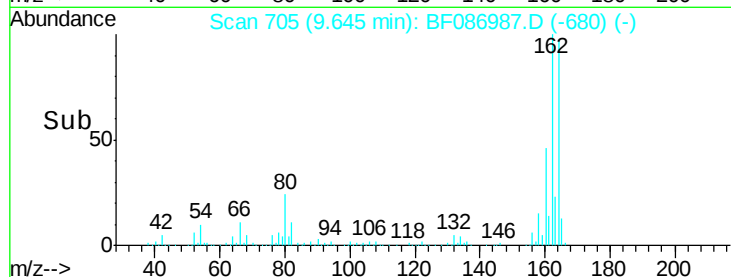
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Instrument :
BNA_F
ClientSampled :
MW-34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.8	124.2
160	47.0	36.9	55.3

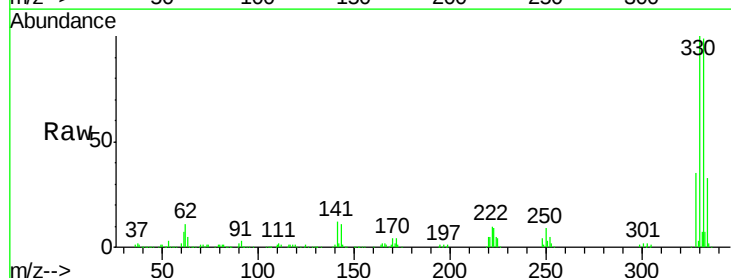


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

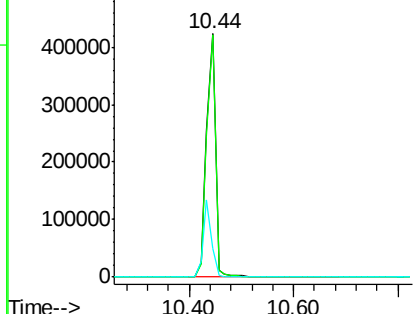
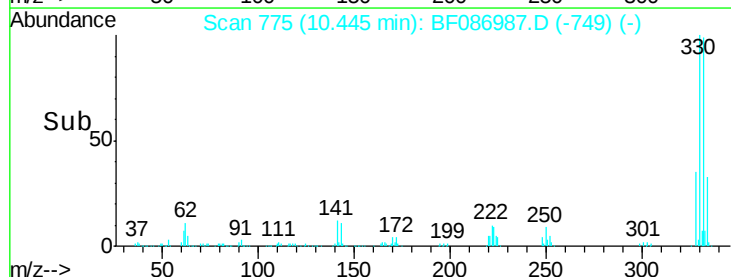


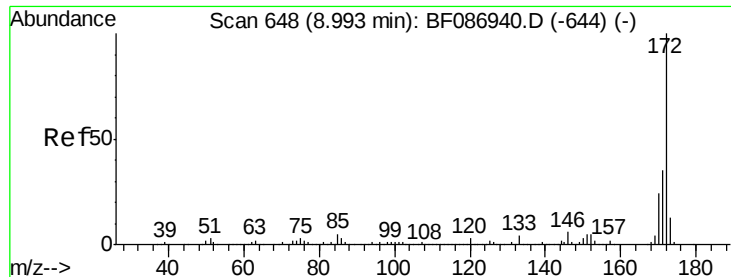
#41
2,4,6-Tribromophenol
Concen: 148.50 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	30.0	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

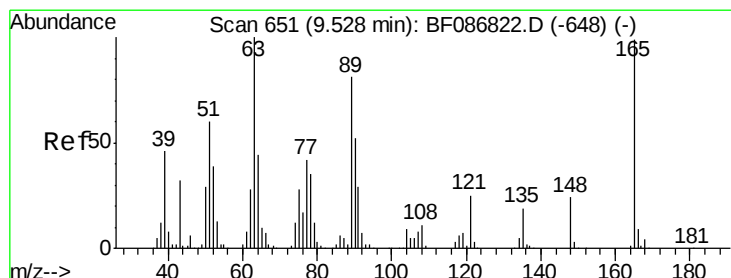
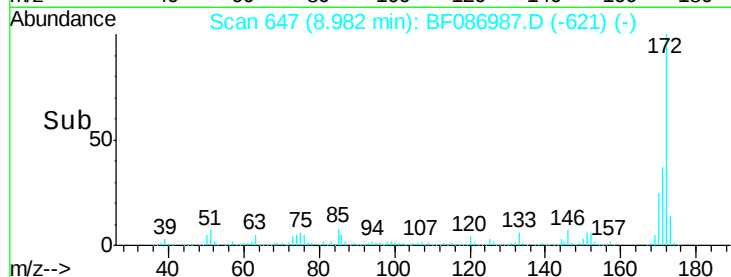
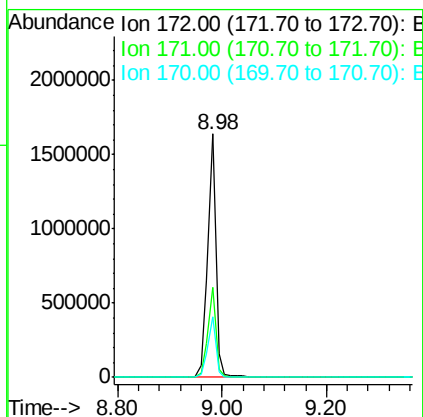
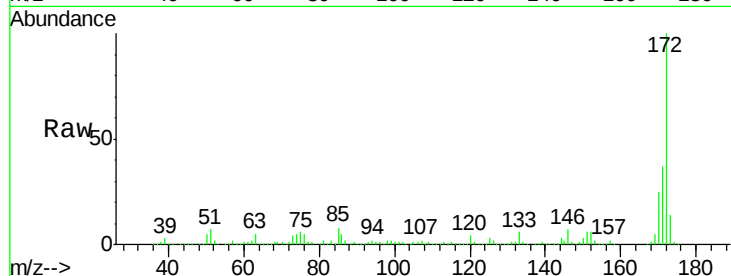




#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

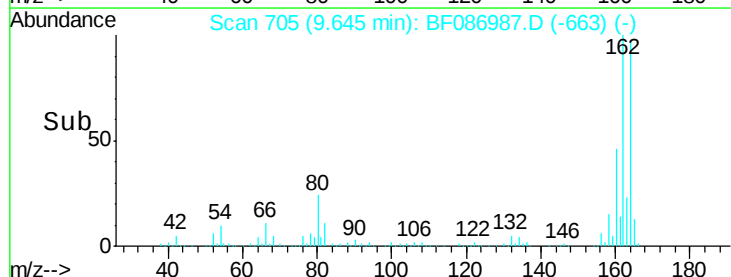
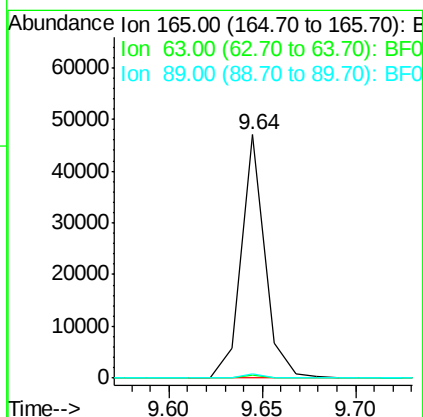
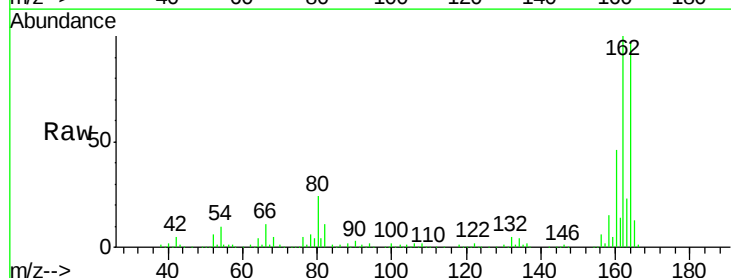
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 MW-34

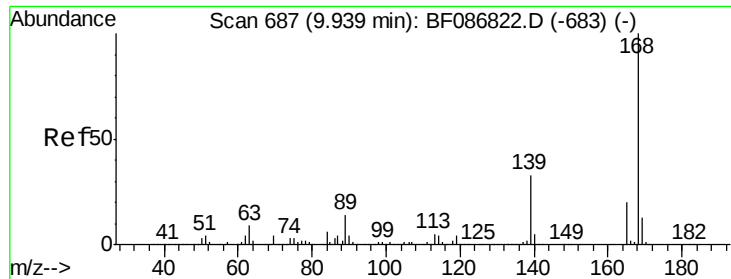
Tgt Ion:172 Resp: 1800415
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.9 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.01 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Tgt Ion:165 Resp: 41566
 Ion Ratio Lower Upper
 165 100
 63 1.5 51.8 77.8#
 89 2.0 50.7 76.1#

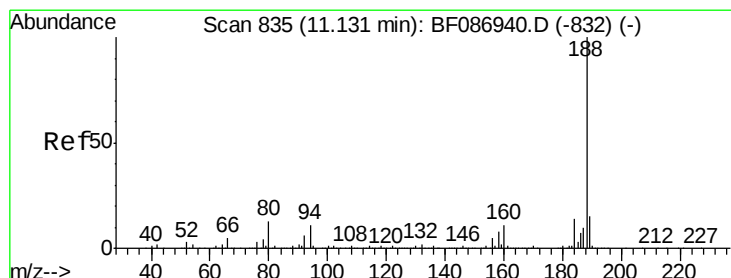
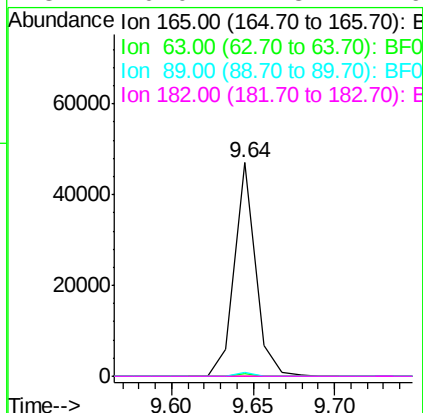
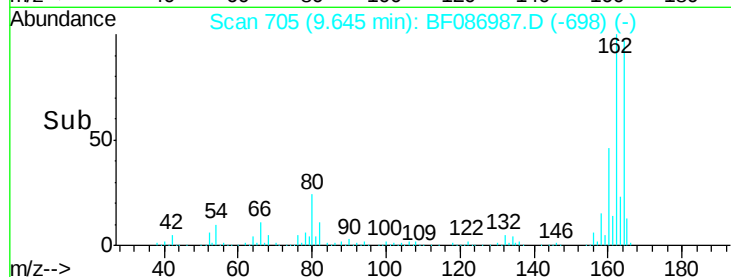
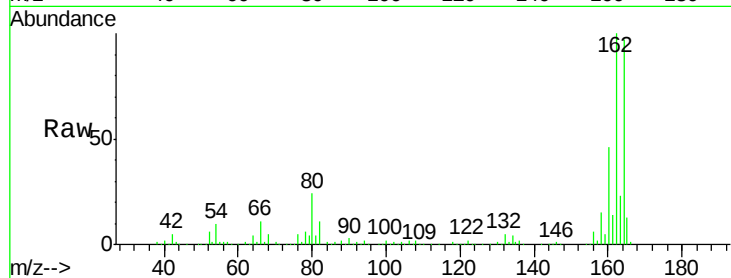




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

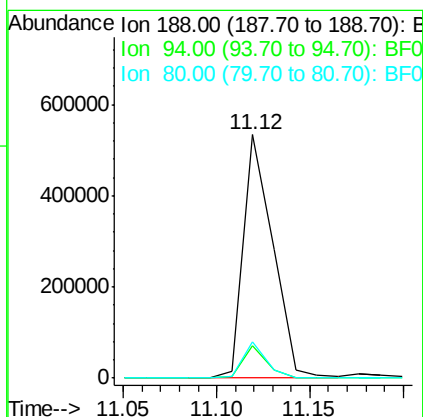
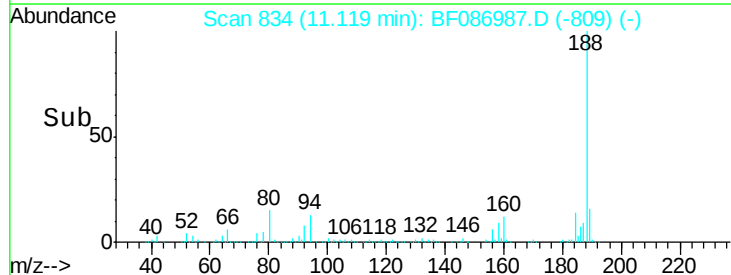
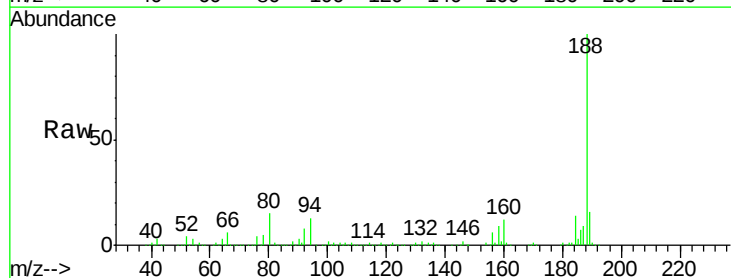
Instrument :
 BNA_F
 ClientSampleId :
 MW-34

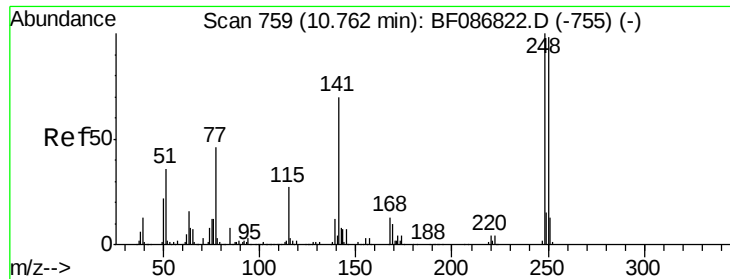
Tgt Ion:165 Resp: 41560
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.3 66.5#
 89 2.0 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Tgt Ion:188 Resp: 590926
 Ion Ratio Lower Upper
 188 100
 94 13.2 6.8 10.2#
 80 15.1 7.1 10.7#

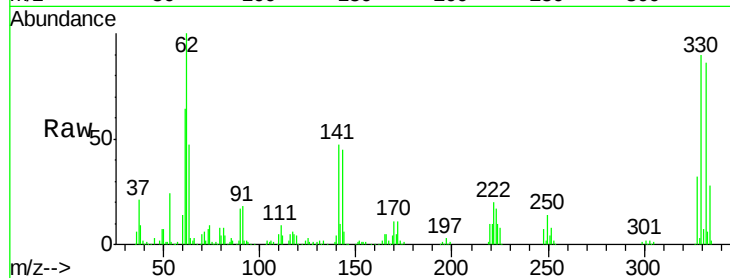




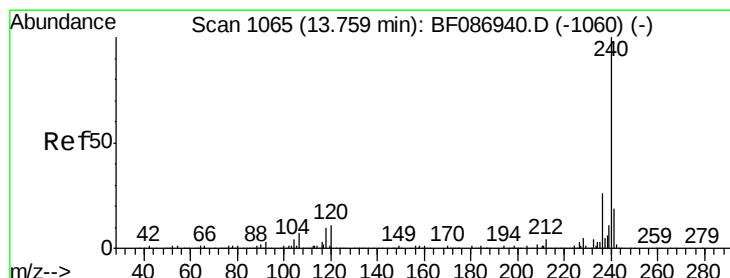
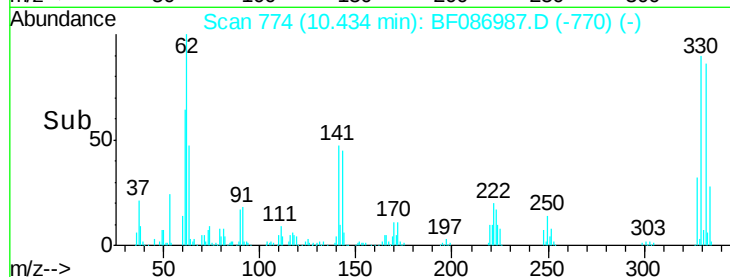
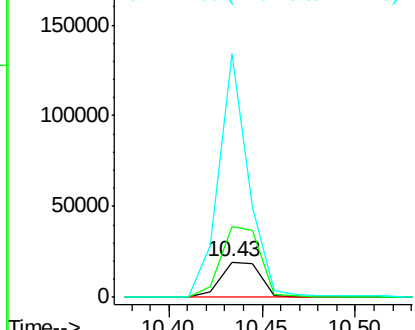
#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.25 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Instrument :
BNA_F
ClientSampleId :
MW-34

Tgt Ion:248 Resp: 28651
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 691.4 76.0 114.0#

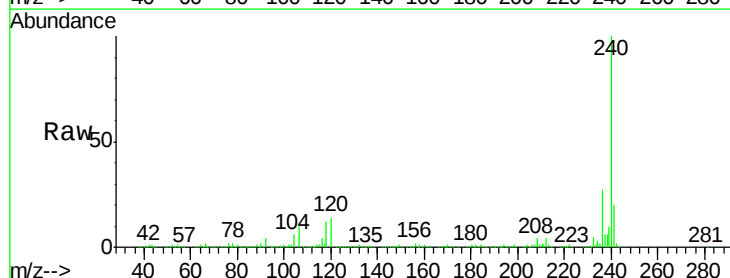


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

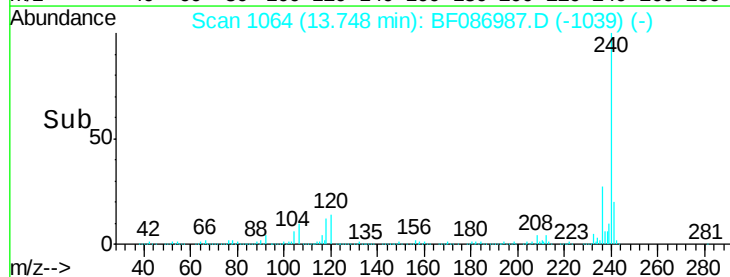
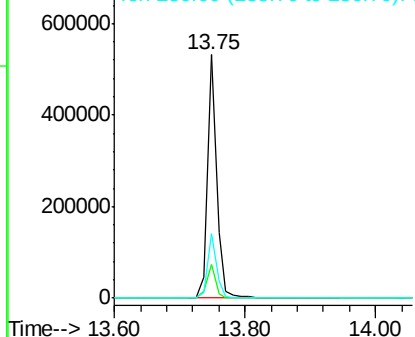


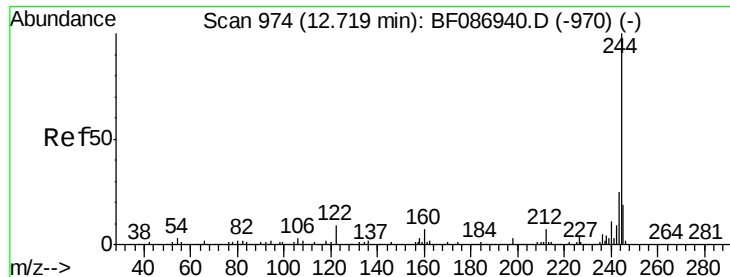
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086987.D
Acq: 13 May 2016 23:19

Tgt Ion:240 Resp: 521618
Ion Ratio Lower Upper
240 100
120 13.9 11.2 16.8
236 26.6 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

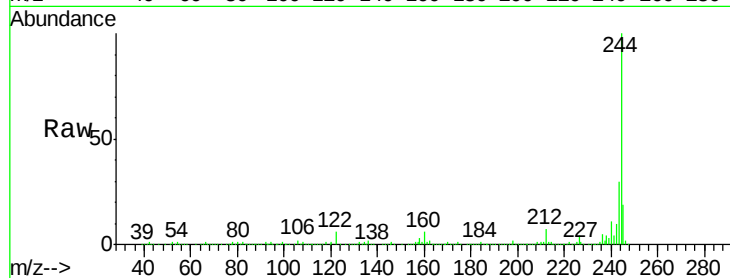




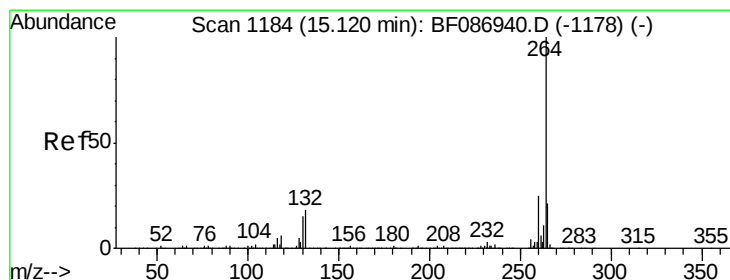
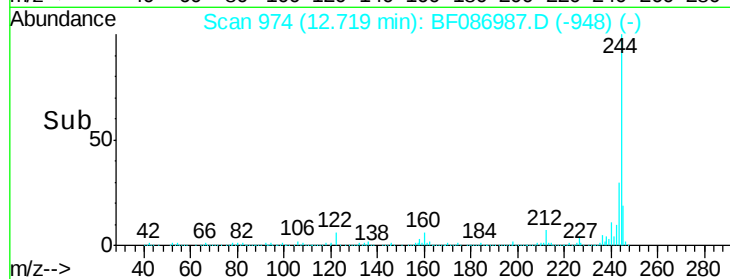
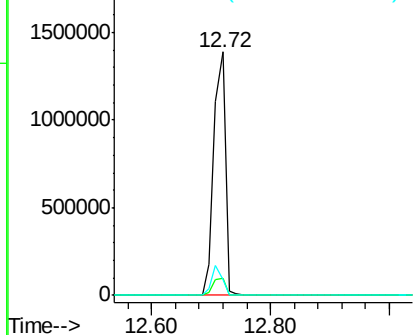
#78
 Terphenyl-d14
 Concen: 76.14 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tgt Ion:244 Resp: 1871977
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 6.3 12.0 18.0#

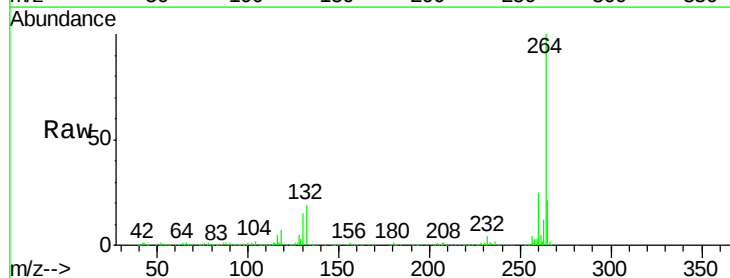


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086987.D
 Acq: 13 May 2016 23:19

Tgt Ion:264 Resp: 393233
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 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

