

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086986.D
 Acq On : 13 May 2016 22:50
 Operator : UM/SJ
 Sample : H2877-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: May 13 23:20:15 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

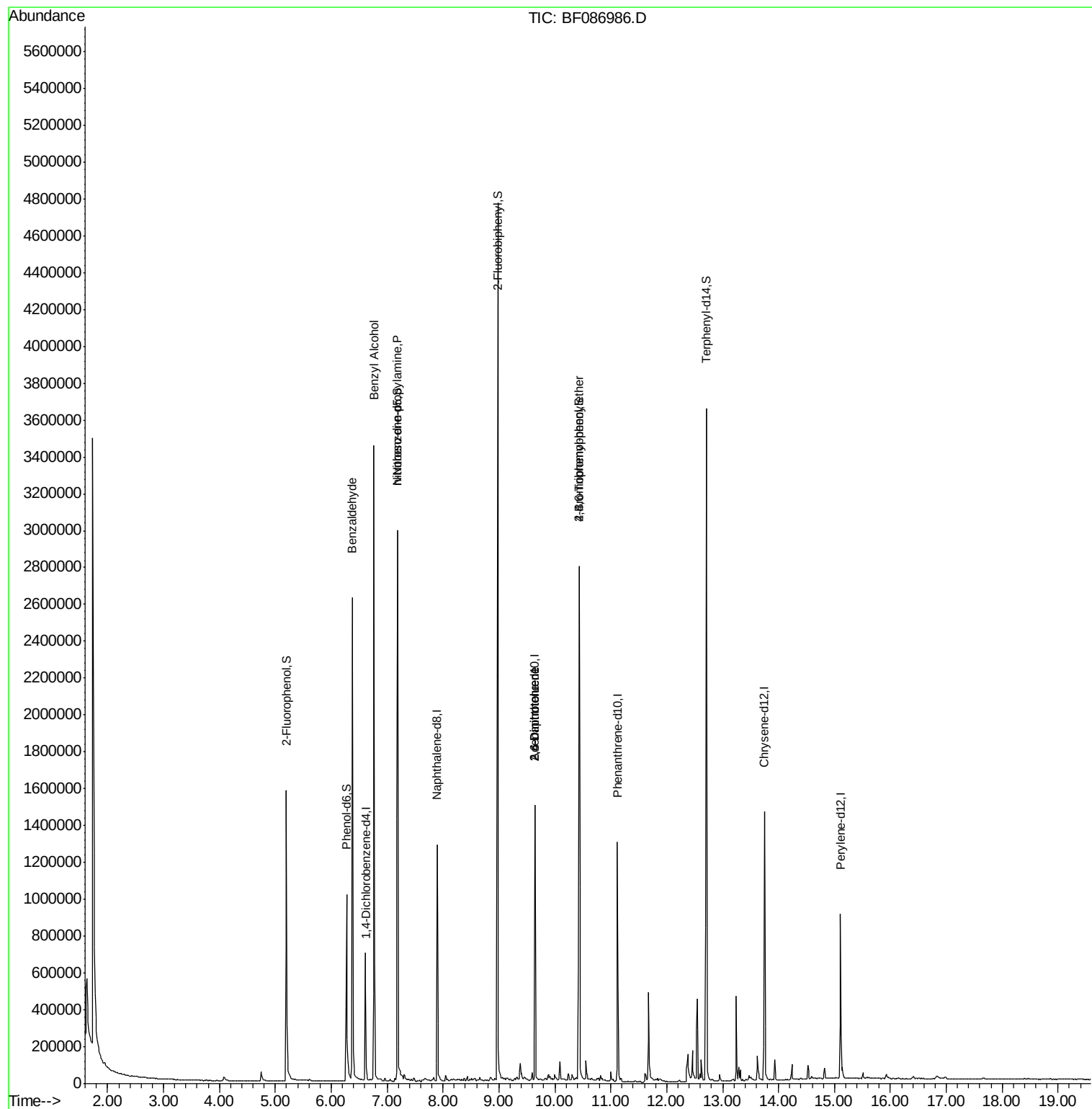
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	133549	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	550514	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	273382	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	501024	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	469359	20.00	ng	-0.01
86) Perylene-d12	15.11	264	359261	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	498525	63.22	ng	0.00
7) Phenol-d6	6.27	99	397372	37.70	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1045097	95.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	380899	131.61	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1580781	97.18	ng	0.00
78) Terphenyl-d14	12.71	244	1633845	73.86	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.38	77	24352	3.99	ng	# 68
15) Benzyl Alcohol	6.76	79	16830	2.31	ng	# 41
19) n-Nitroso-di-n-propylamine	7.19	70	153333	20.82	ng	# 75
50) 2,6-Dinitrotoluene	9.64	165	35047	7.98	ng	# 21
56) 2,4-Dinitrotoluene	9.64	165	35047	6.45	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	21834	4.30	ng	# 1

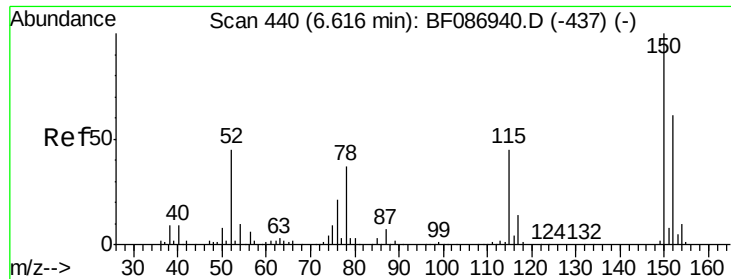
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 23:02:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

MW-35

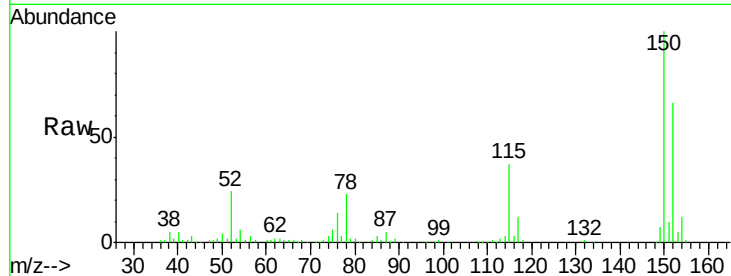
Tgt Ion:152 Resp: 133549

Ion Ratio Lower Upper

152 100

150 150.9 125.8 188.6

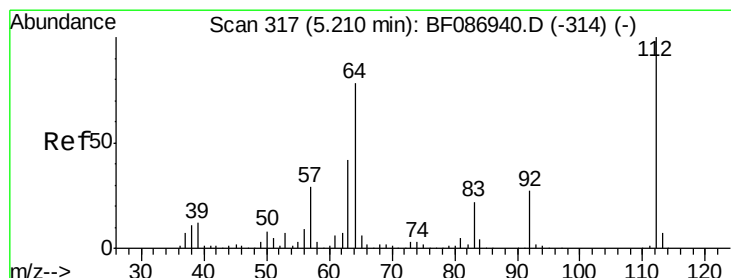
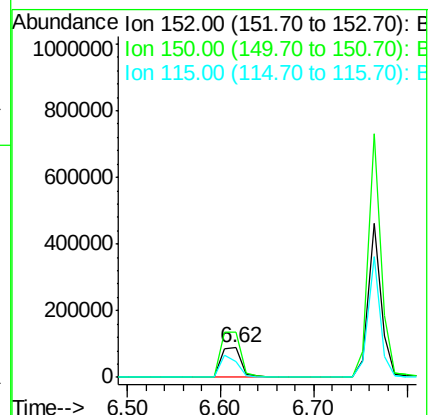
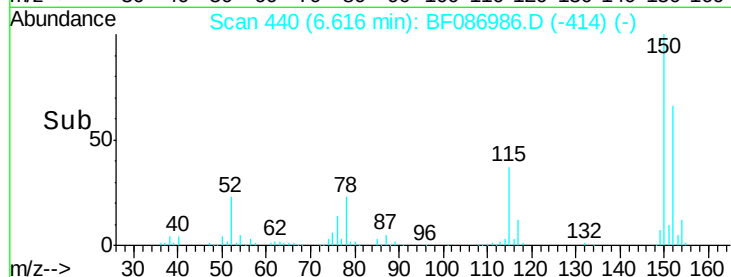
115 55.3 51.5 77.3



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: 63.22 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

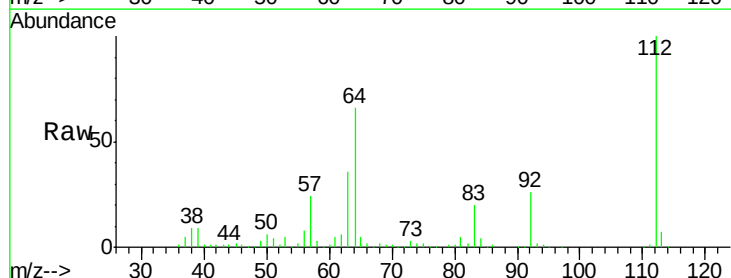
Tgt Ion:112 Resp: 498525

Ion Ratio Lower Upper

112 100

64 65.7 52.1 78.1

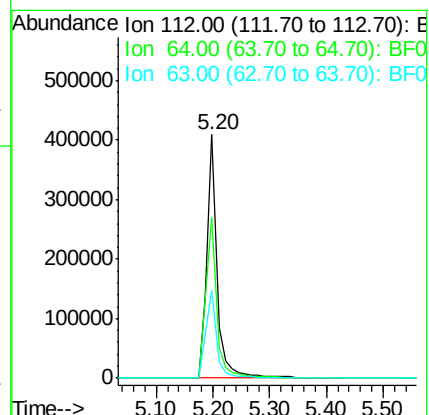
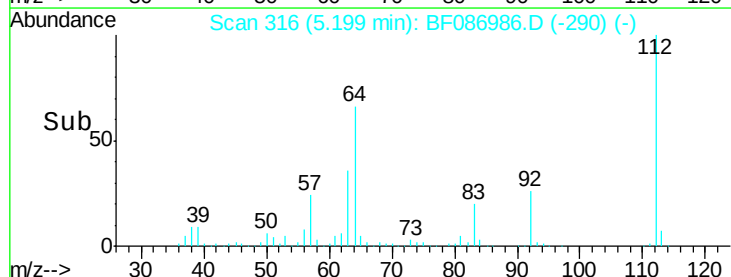
63 35.7 25.7 38.5

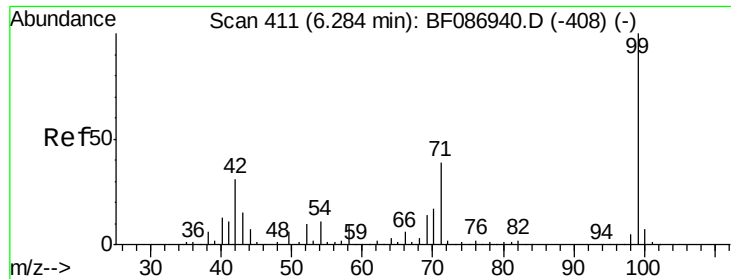


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.70 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

MW-35

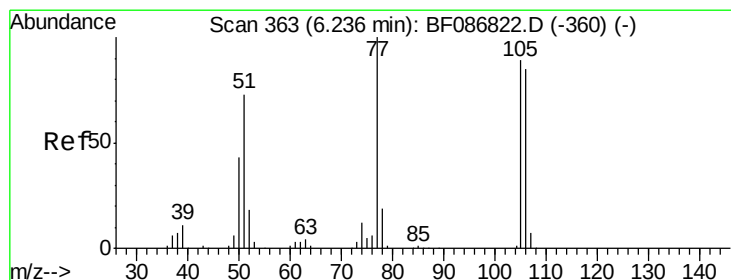
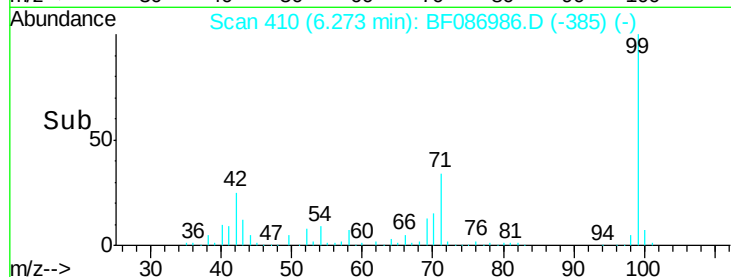
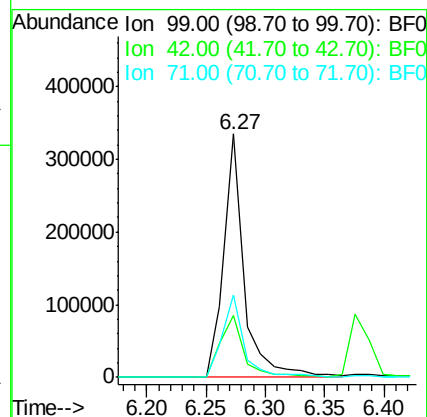
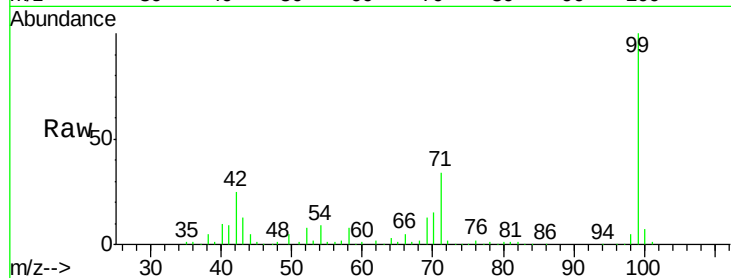
Tgt Ion: 99 Resp: 397372

Ion Ratio Lower Upper

99 100

42 25.2 13.6 20.4#

71 33.6 24.6 36.8



#9

Benzaldehyde

Concen: 3.99 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.22 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

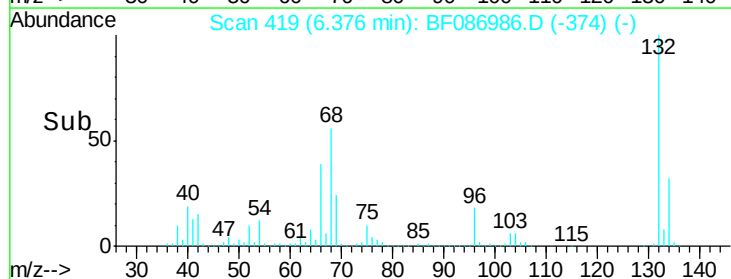
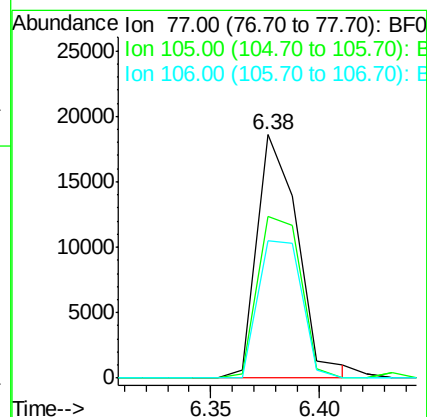
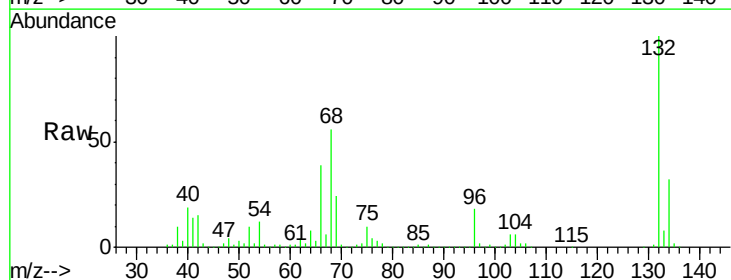
Tgt Ion: 77 Resp: 24352

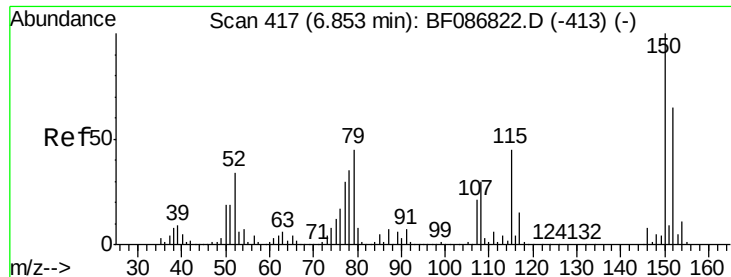
Ion Ratio Lower Upper

77 100

105 66.2 72.7 112.7#

106 56.5 70.8 110.8#

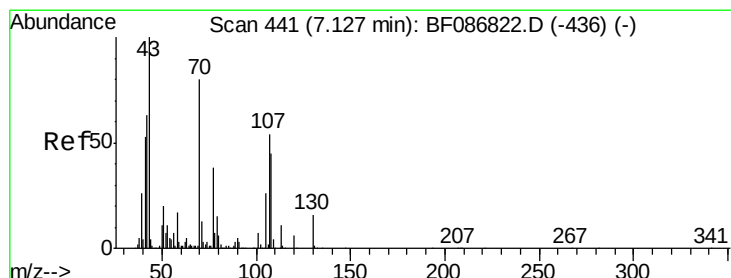
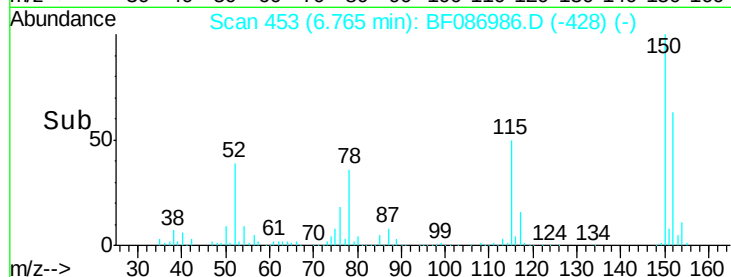
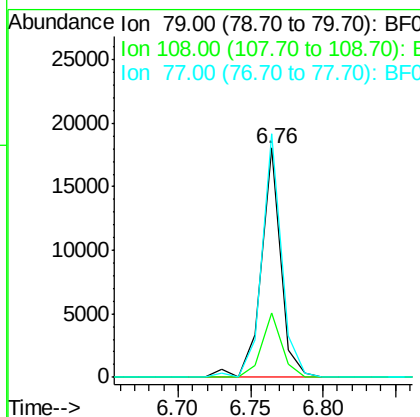
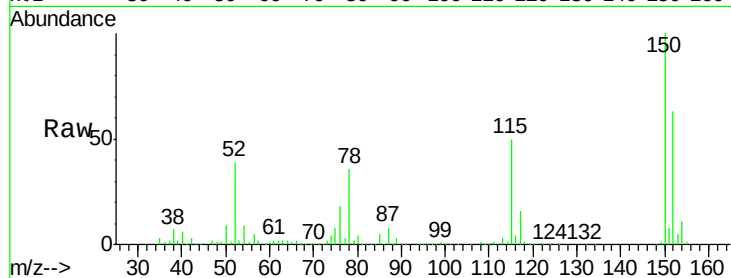




#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

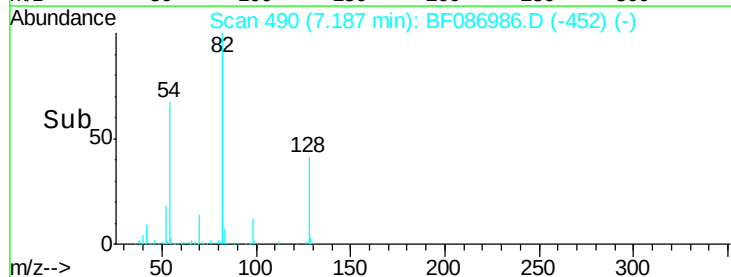
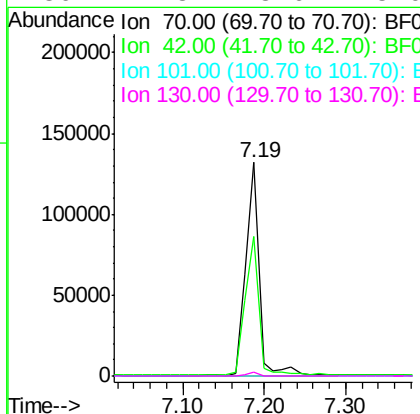
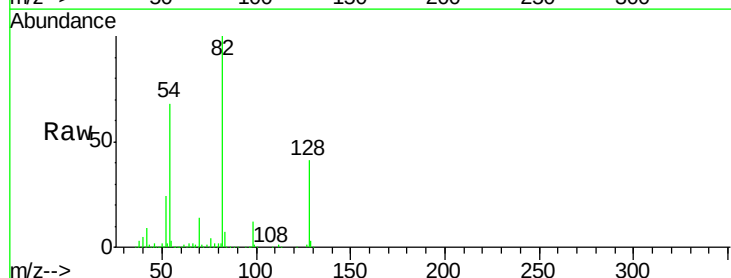
Instrument :
BNA_F
ClientSampleId :
MW-35

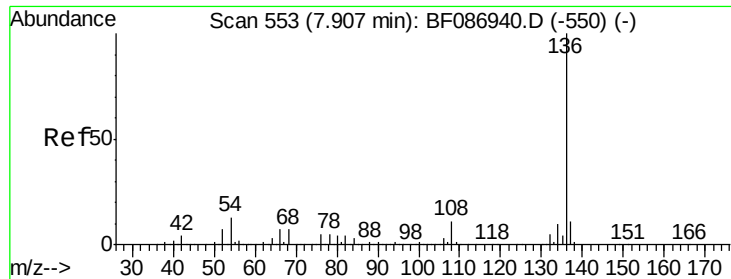
Tgt Ion: 79 Resp: 16830
Ion Ratio Lower Upper
79 100
108 28.3 68.4 102.6#
77 106.3 50.6 76.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.82 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.14 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Tgt Ion: 70 Resp: 153333
Ion Ratio Lower Upper
70 100
42 65.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#

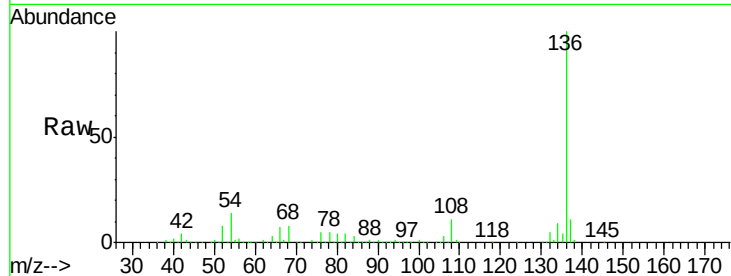




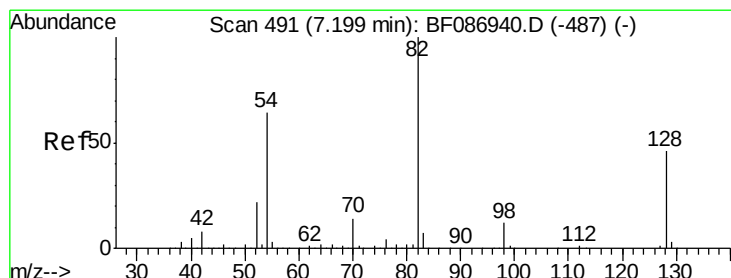
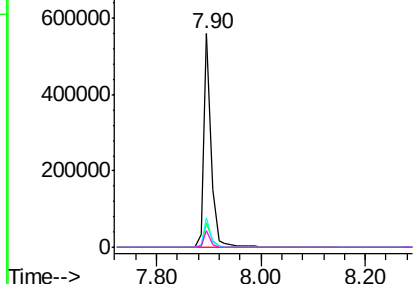
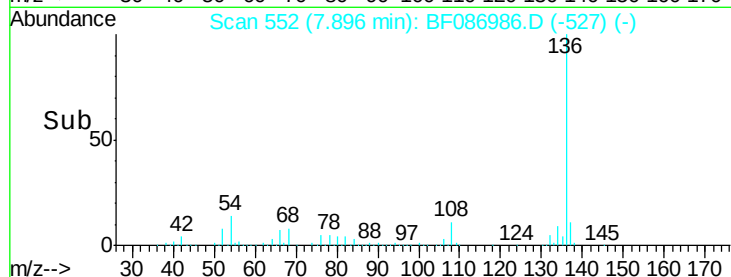
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:	136	Resp:	550514
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.0	5.0	7.4#
68	7.5	4.4	6.6#

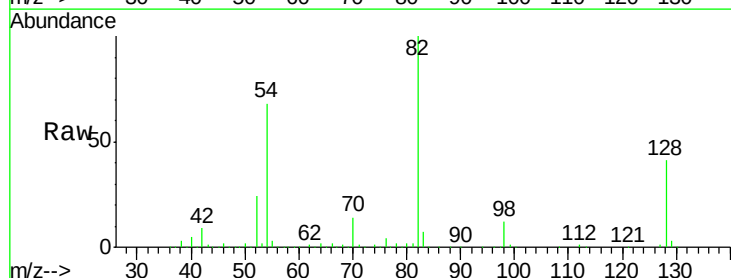


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

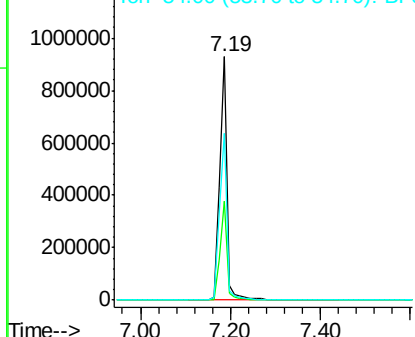
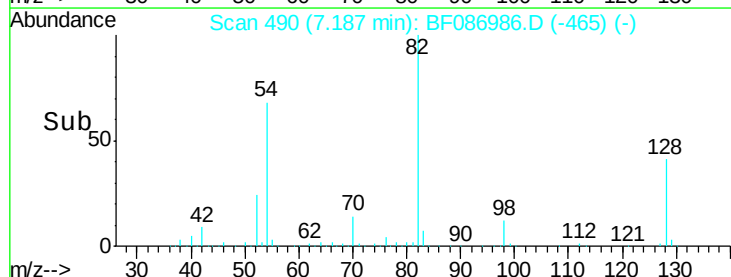


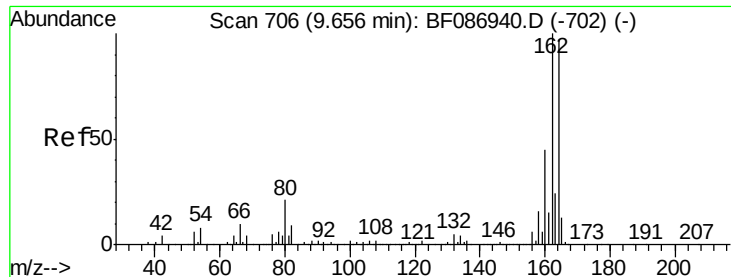
#23
Nitrobenzene-d5
Concen: 95.32 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Tgt Ion:	82	Resp:	1045097
Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	68.5	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

MW-35

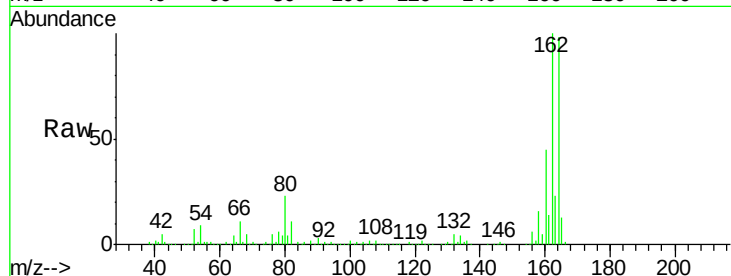
Tgt Ion:164 Resp: 273382

Ion Ratio Lower Upper

164 100

162 102.0 82.8 124.2

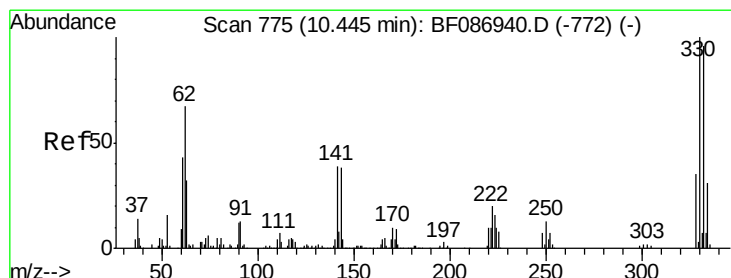
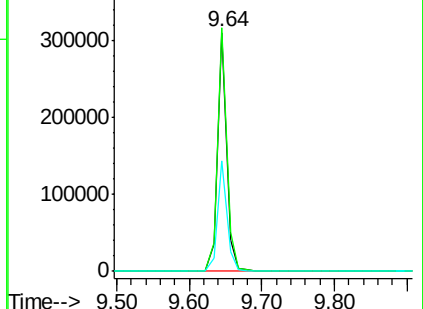
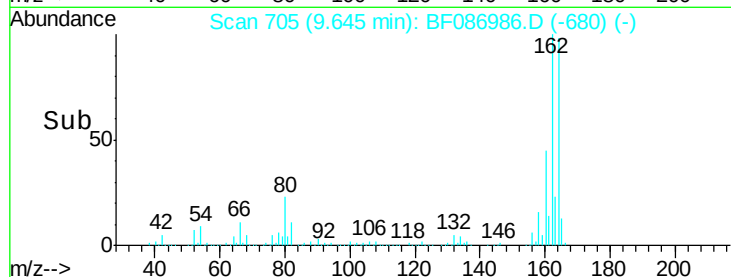
160 46.3 36.9 55.3



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: 131.61 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

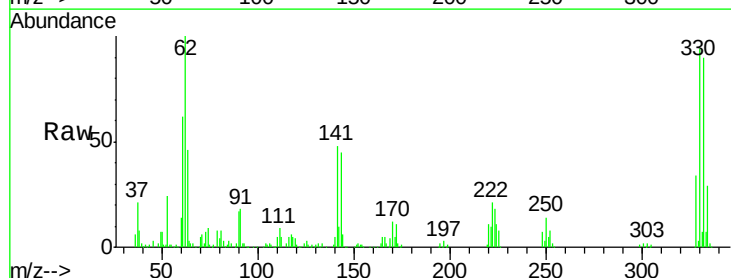
Tgt Ion:330 Resp: 380899

Ion Ratio Lower Upper

330 100

332 96.1 79.0 118.4

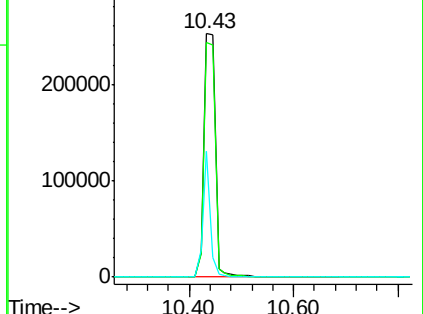
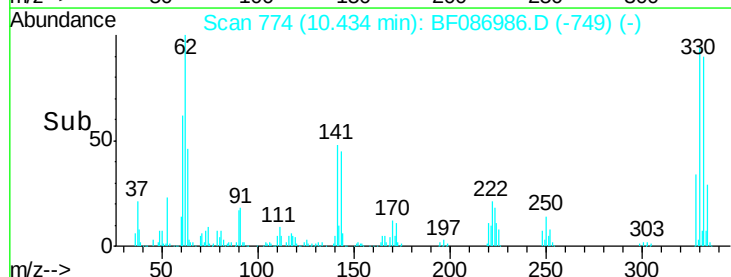
141 33.7 31.2 46.8

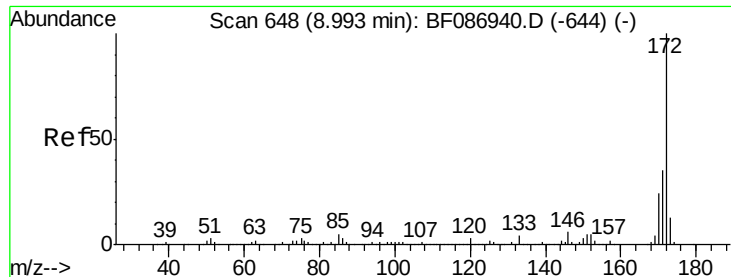


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

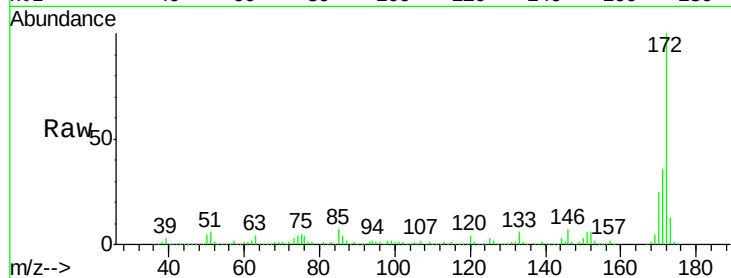




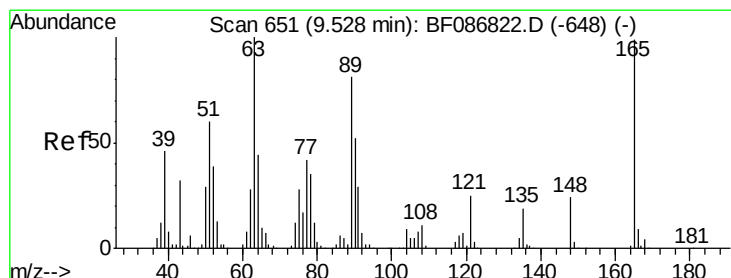
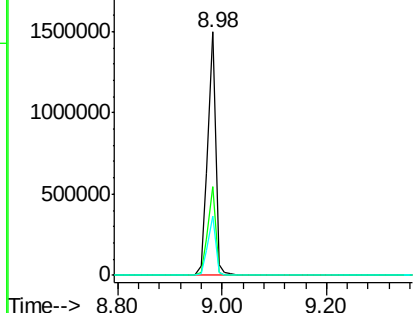
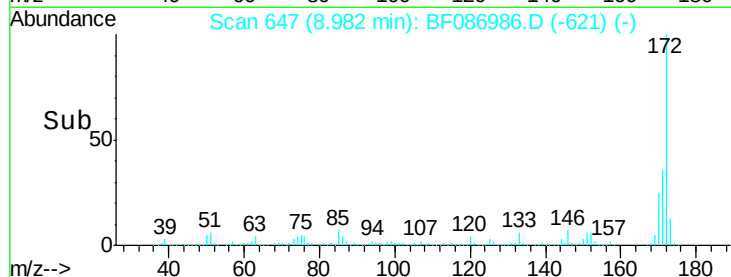
#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 1580781
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 19.8 29.8

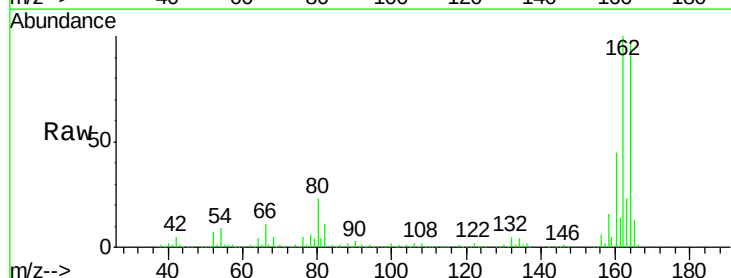


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

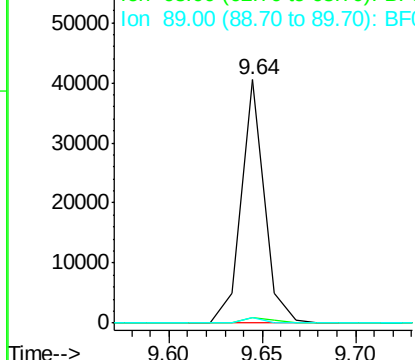
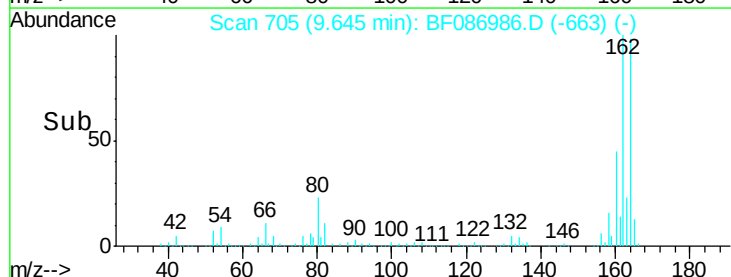


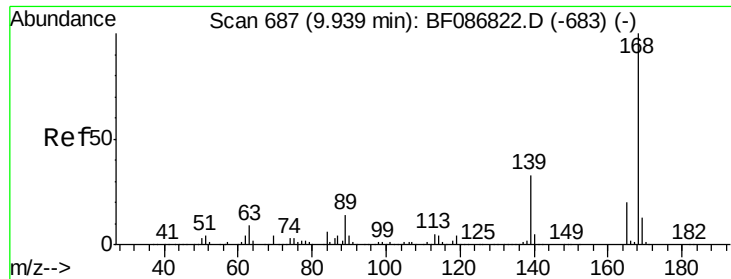
#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.18 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Tgt Ion:165 Resp: 35047
 Ion Ratio Lower Upper
 165 100
 63 2.1 51.8 77.8#
 89 2.3 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

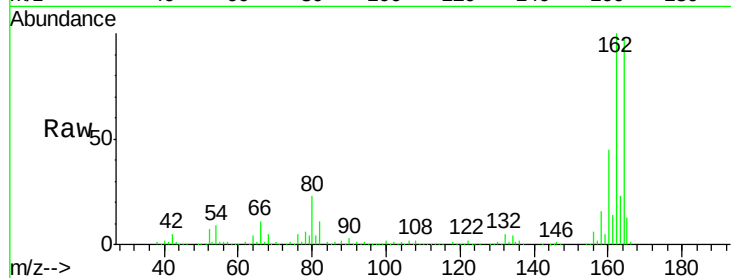




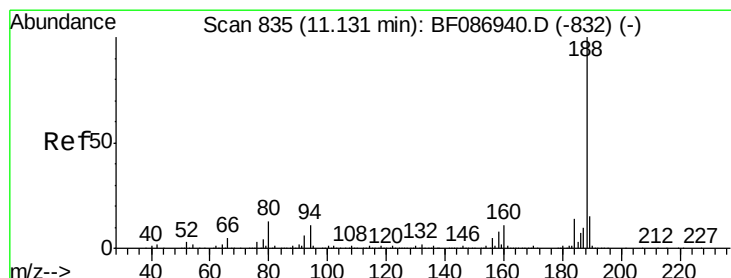
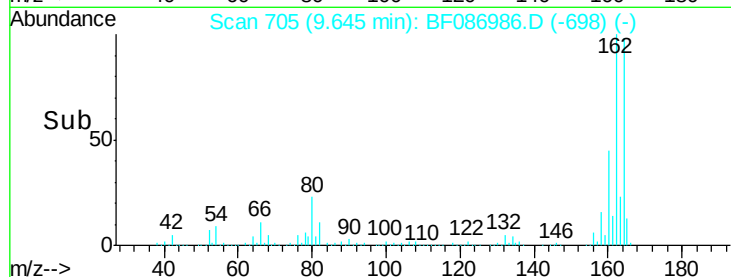
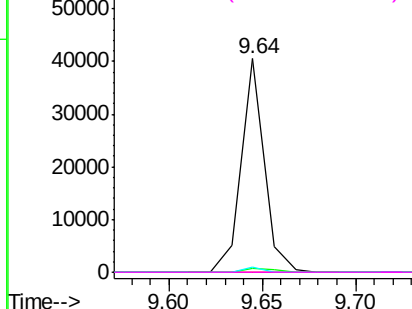
#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.22 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tgt Ion:165 Resp: 35047
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.3 66.5#
 89 2.3 70.0 105.0#
 182 0.0 1.8 2.6#

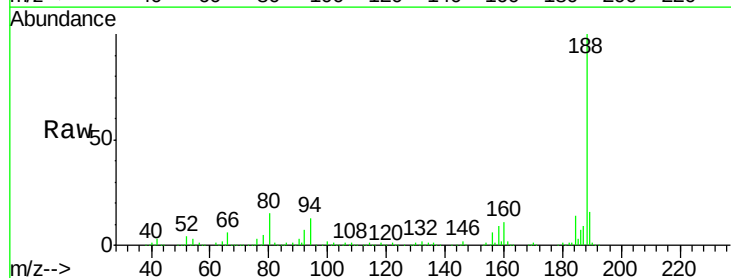


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

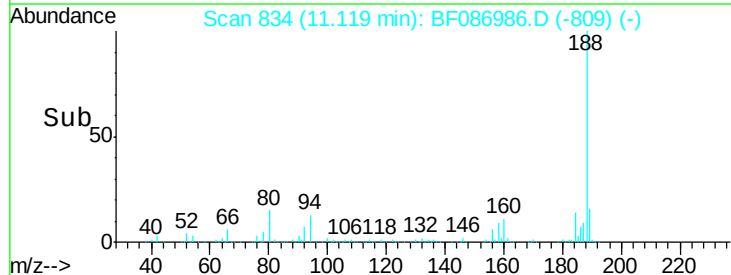
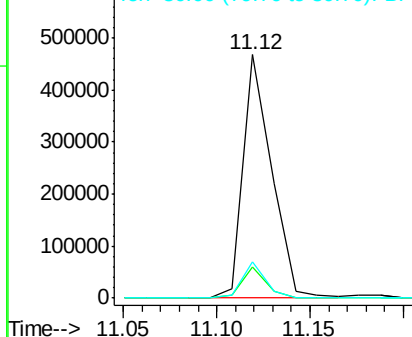


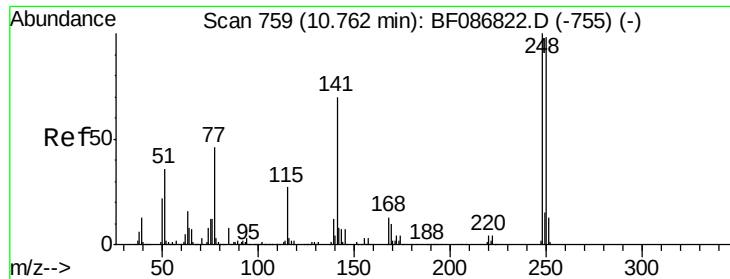
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF086986.D
 Acq: 13 May 2016 22:50

Tgt Ion:188 Resp: 501024
 Ion Ratio Lower Upper
 188 100
 94 12.9 6.8 10.2#
 80 14.8 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

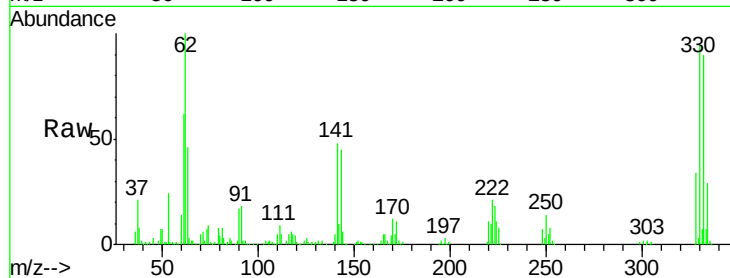




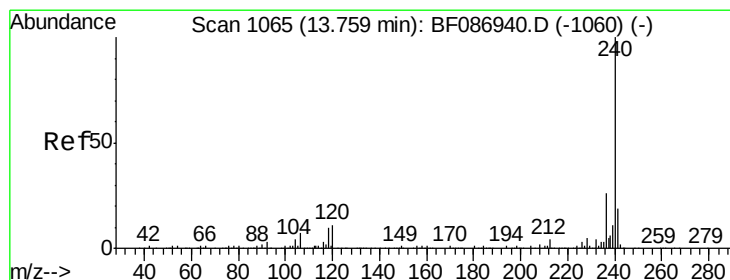
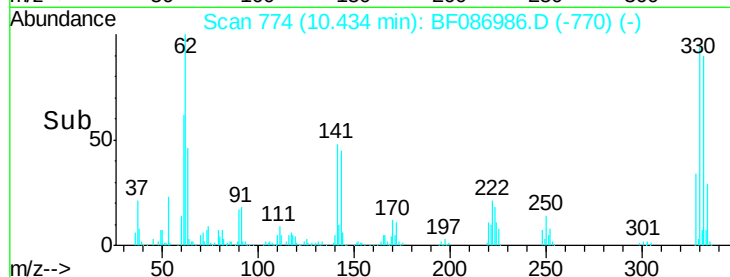
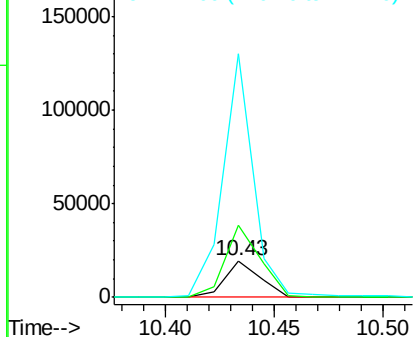
#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.25 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
MW-35

Tgt Ion:248 Resp: 21834
Ion Ratio Lower Upper
248 100
250 198.2 78.6 117.8#
141 669.1 76.0 114.0#

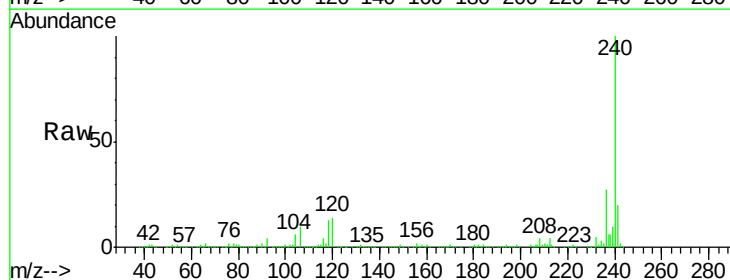


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

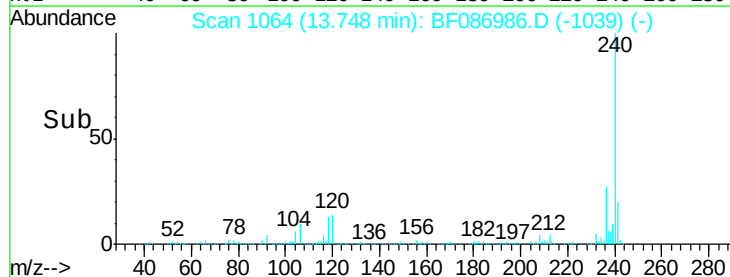
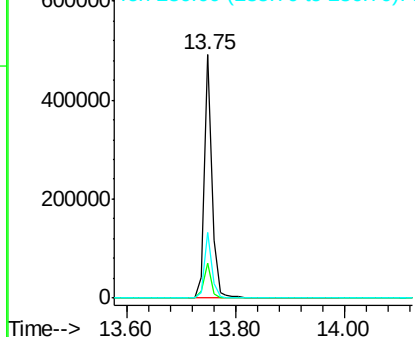


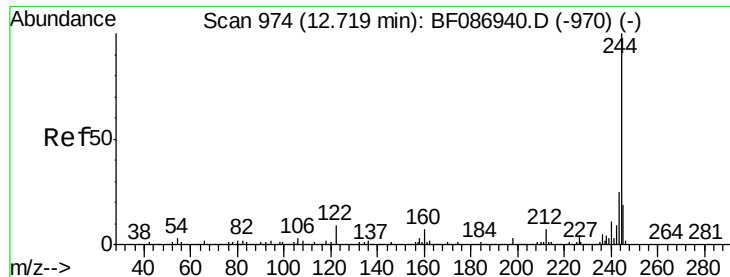
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086986.D
Acq: 13 May 2016 22:50

Tgt Ion:240 Resp: 469359
Ion Ratio Lower Upper
240 100
120 14.3 11.2 16.8
236 26.9 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: 73.86 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086986.D

Acq: 13 May 2016 22:50

Instrument :

BNA_F

ClientSampled :

MW-35

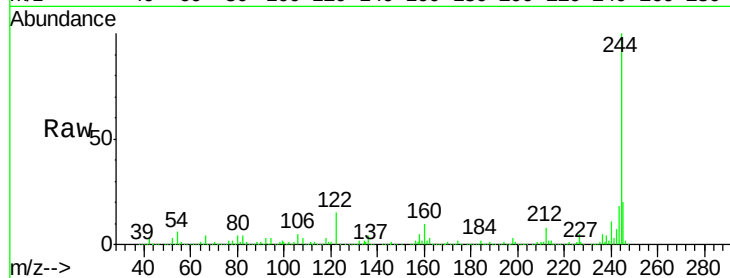
Tgt Ion:244 Resp: 1633845

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

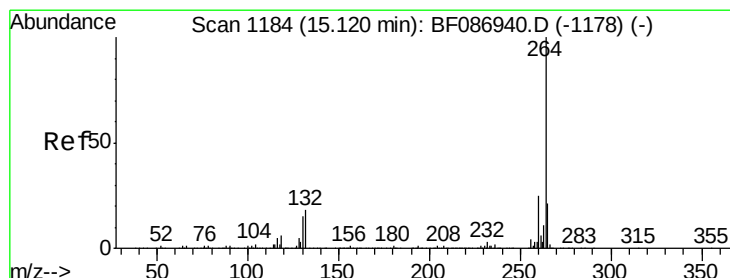
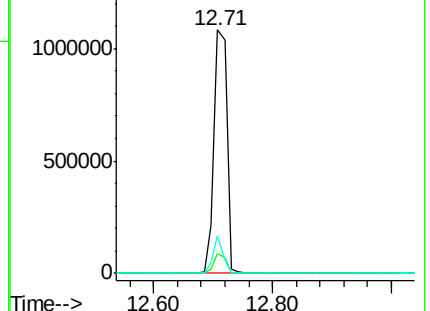
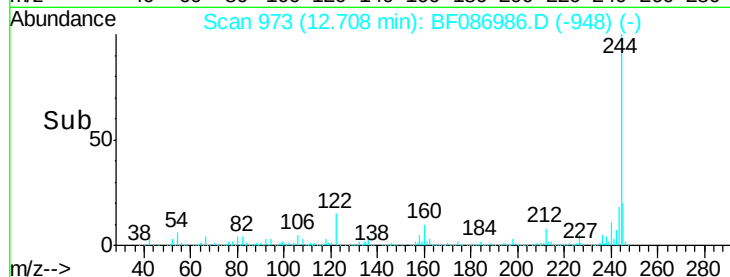
122 15.2 12.0 18.0



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: BF086986.D

Acq: 13 May 2016 22:50

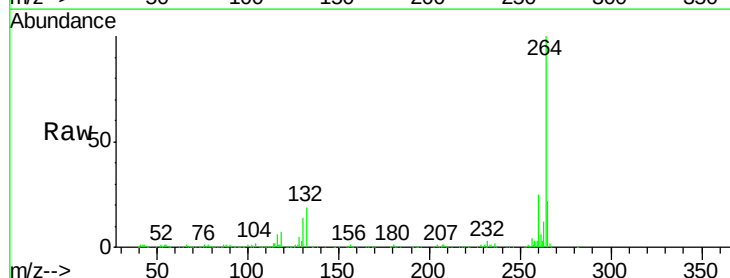
Tgt Ion:264 Resp: 359261

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.7 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

