

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086768.D
 Acq On : 7 May 2016 12:22
 Operator : UM/SJ
 Sample : H2858-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Quant Time: May 07 23:38:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

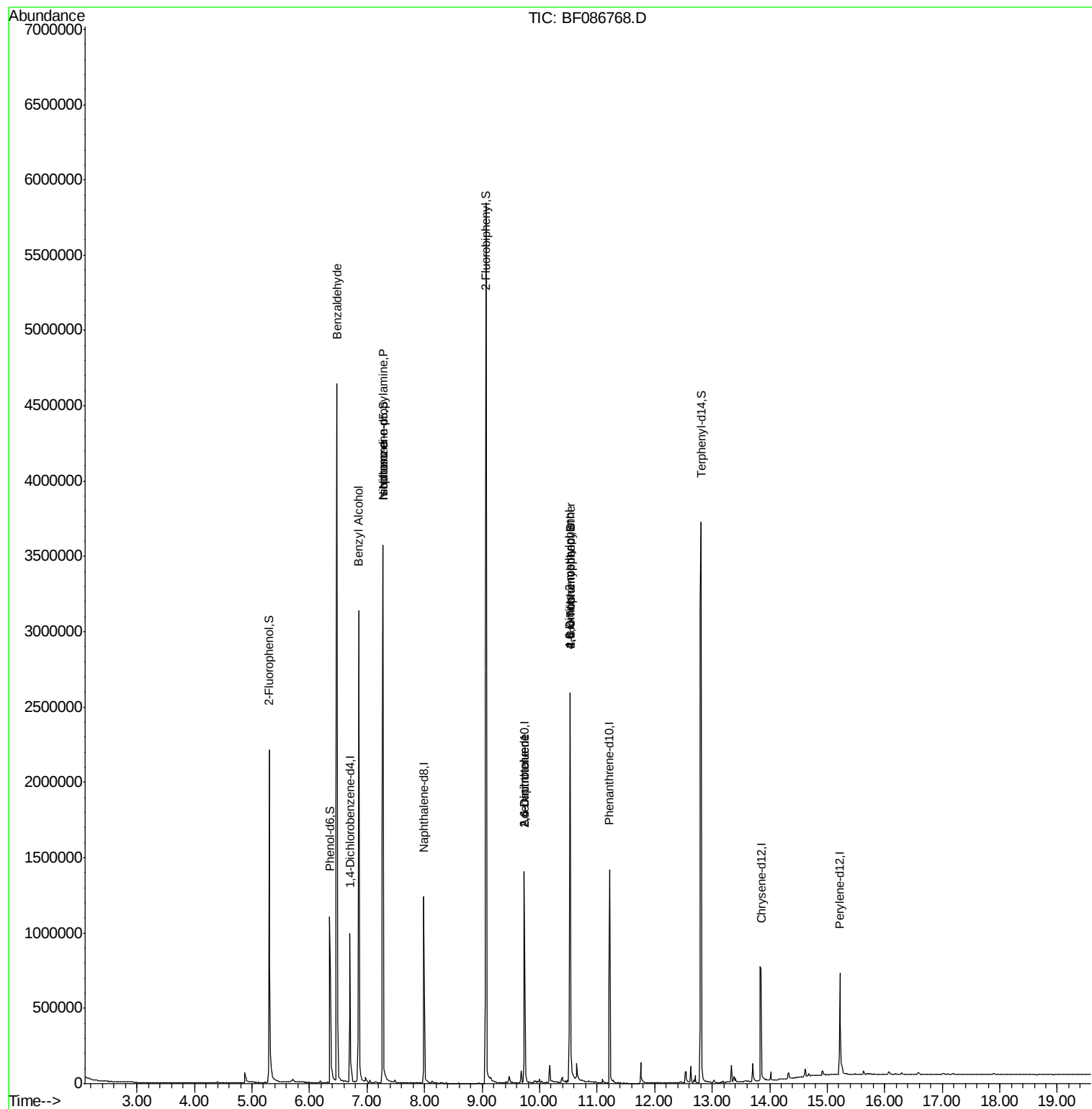
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169582	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	664277	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	323189	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	602823	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	419884	40.00	ng	-0.03
86) Perylene-d12	15.22	264	322364	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	610075	59.56	ng	-0.02
7) Phenol-d6	6.35	99	517296	37.49	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1243808	96.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	525496	166.22	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2052055	104.08	ng	-0.03
78) Terphenyl-d14	12.81	244	1640217	78.95	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	32183	4.68	ng	# 76
15) Benzyl Alcohol	6.85	79	20807	2.33	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	177778	18.86	ng	# 74
25) Isophorone	7.28	82	1196091	49.69	ng	# 68
50) 2,6-Dinitrotoluene	9.73	165	40748	7.88	ng	# 20
56) 2,4-Dinitrotoluene	9.73	165	40752	6.36	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.52	198	1202	5.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	29960	5.00	ng	# 1

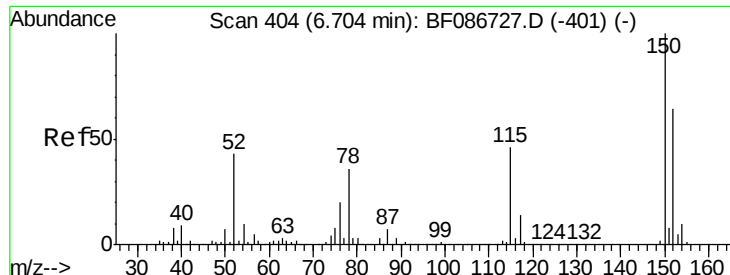
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

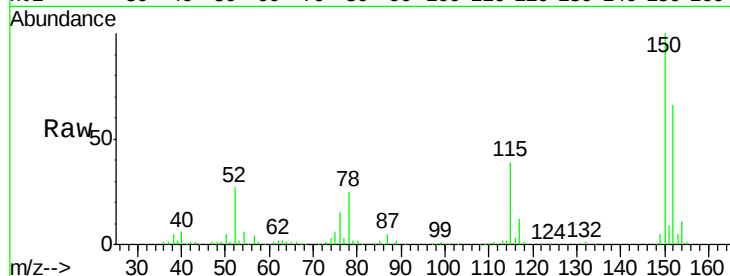
Tgt Ion:152 Resp: 169582

Ion Ratio Lower Upper

152 100

150 150.9 125.8 188.6

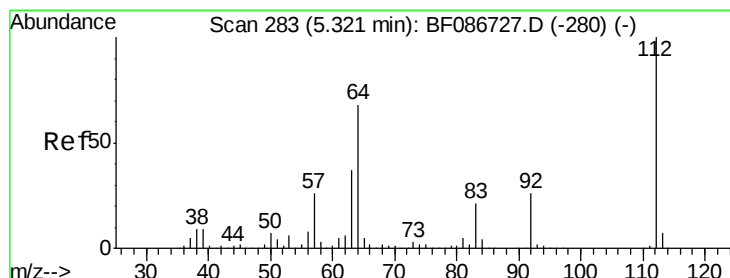
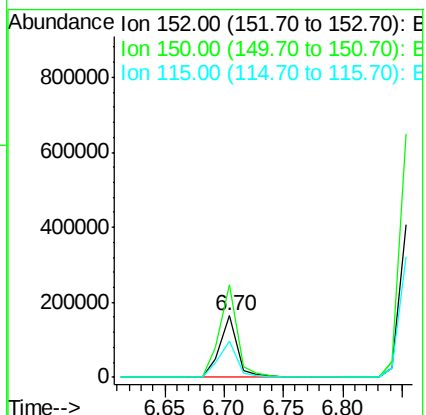
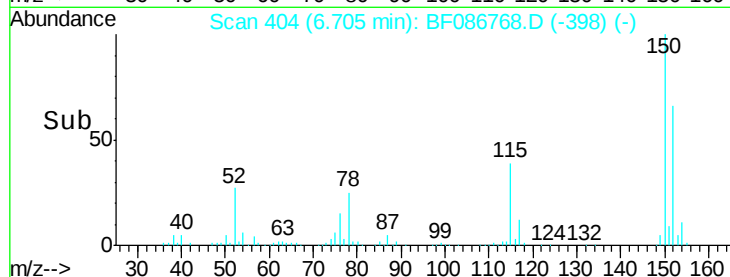
115 58.4 51.5 77.3



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: 59.56 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

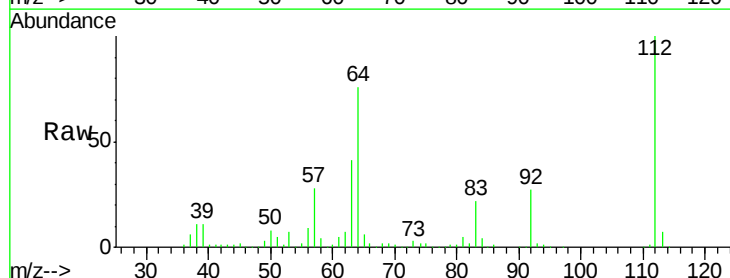
Tgt Ion:112 Resp: 610075

Ion Ratio Lower Upper

112 100

64 75.7 52.1 78.1

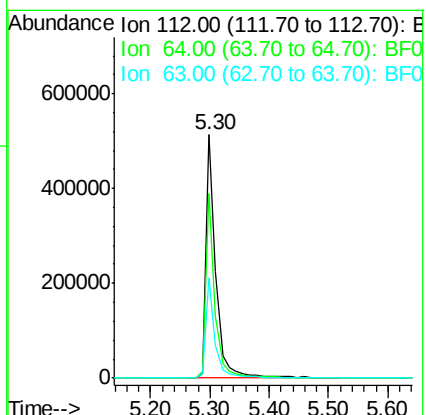
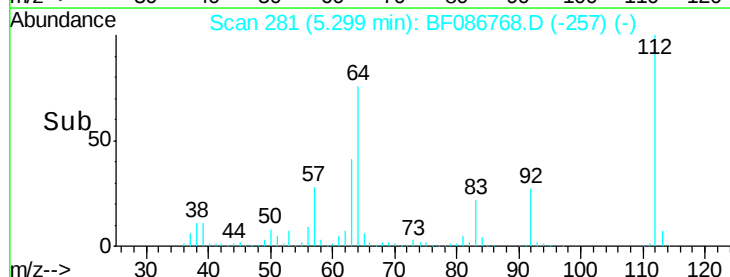
63 41.4 25.7 38.5

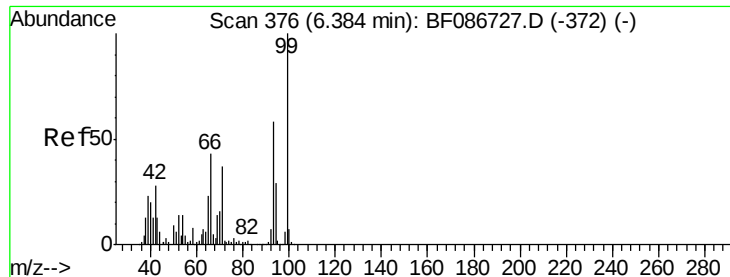


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.49 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

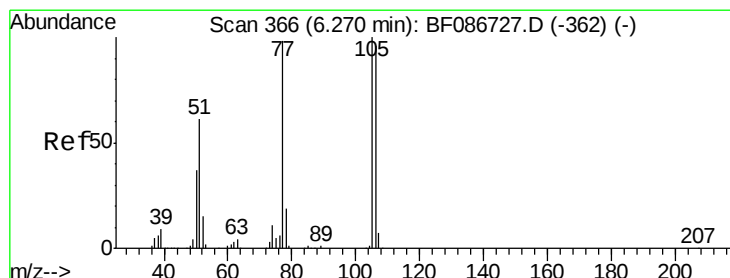
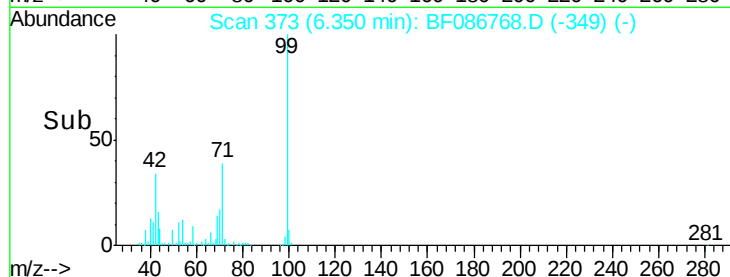
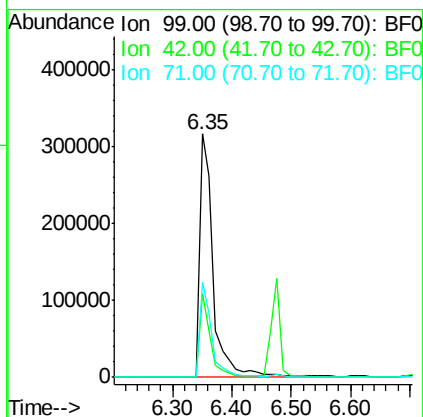
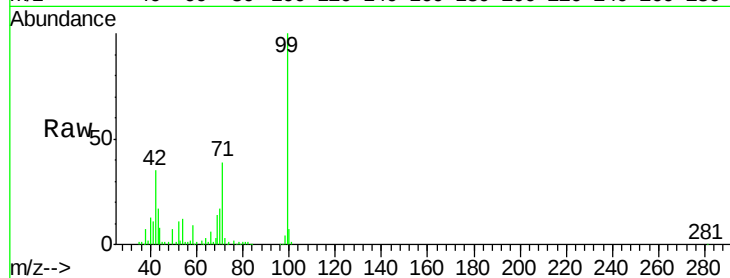
Tgt Ion: 99 Resp: 517296

Ion Ratio Lower Upper

99 100

42 34.6 13.6 20.4#

71 39.2 24.6 36.8#



#9

Benzaldehyde

Concen: 4.68 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.19 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

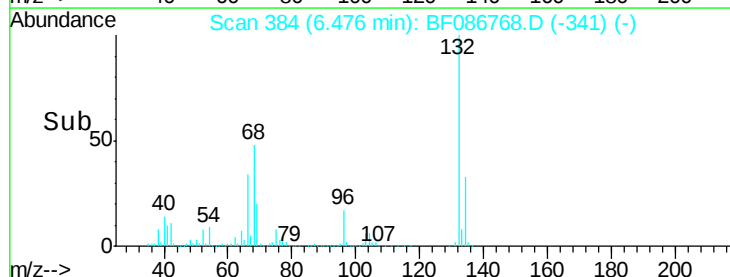
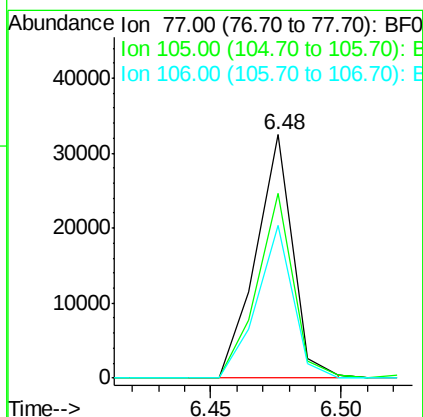
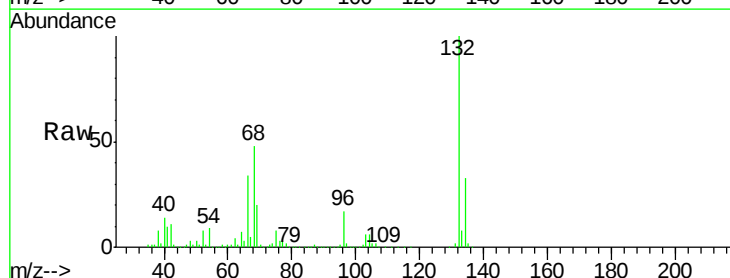
Tgt Ion: 77 Resp: 32183

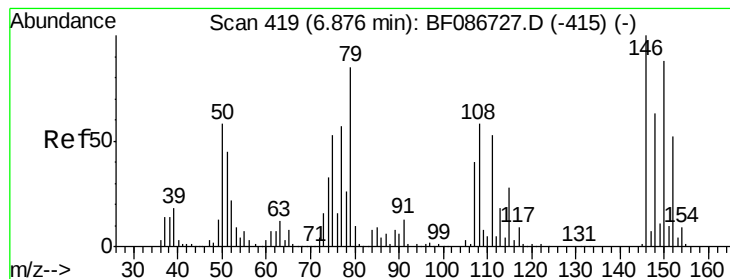
Ion Ratio Lower Upper

77 100

105 75.8 72.7 112.7

106 62.5 70.8 110.8#





#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

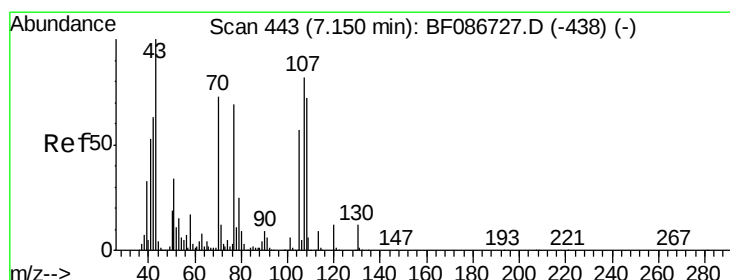
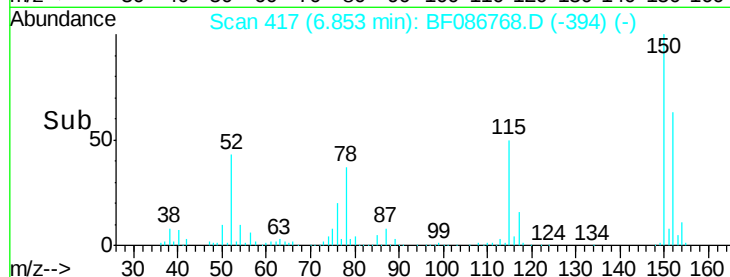
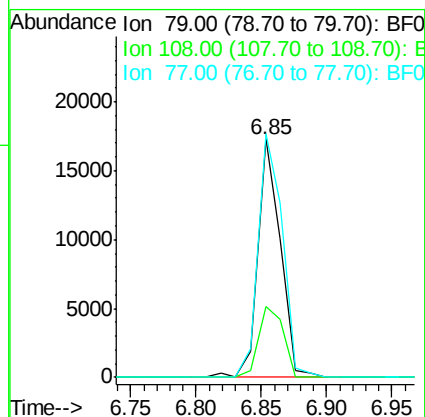
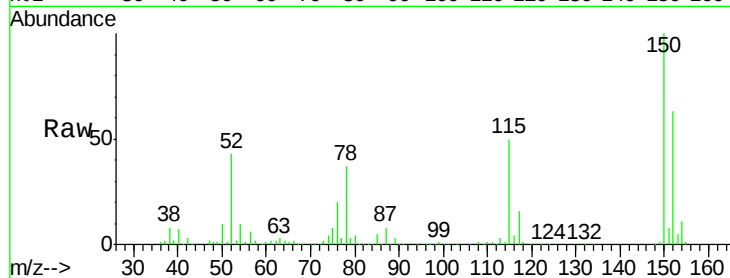
Tgt Ion: 79 Resp: 20807

Ion Ratio Lower Upper

79 100

108 29.8 68.4 102.6#

77 102.2 50.6 76.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.86 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.11 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Tgt Ion: 70 Resp: 177778

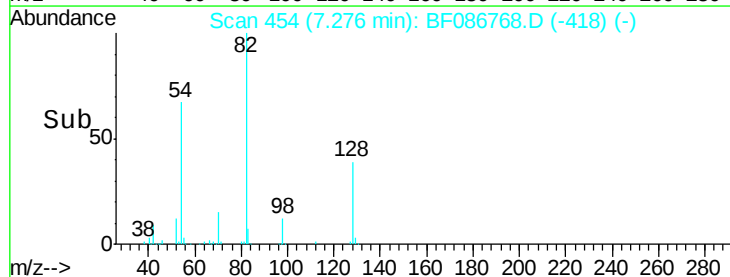
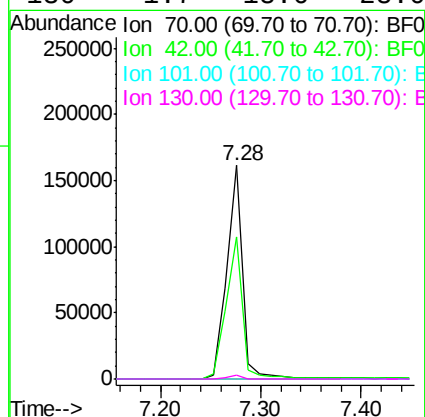
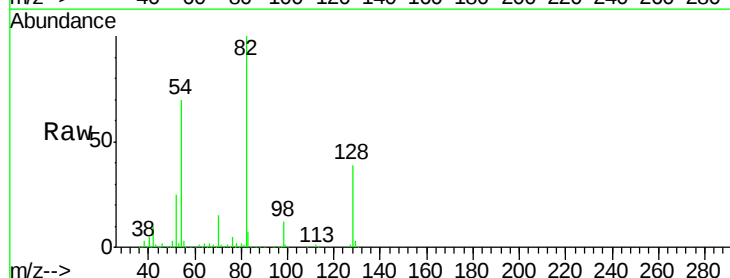
Ion Ratio Lower Upper

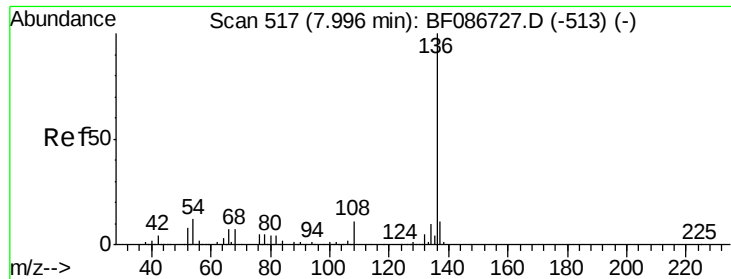
70 100

42 66.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

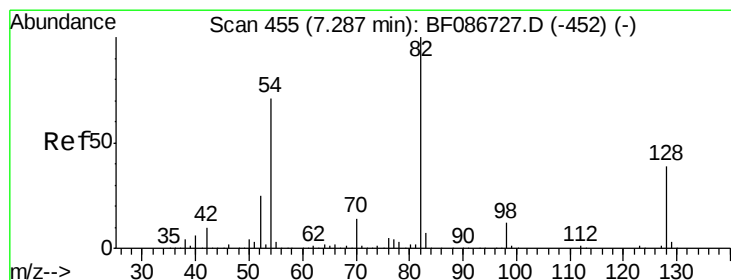
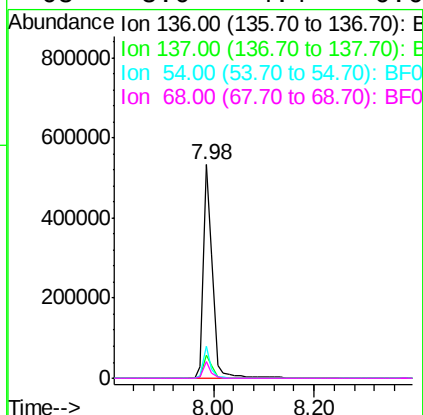
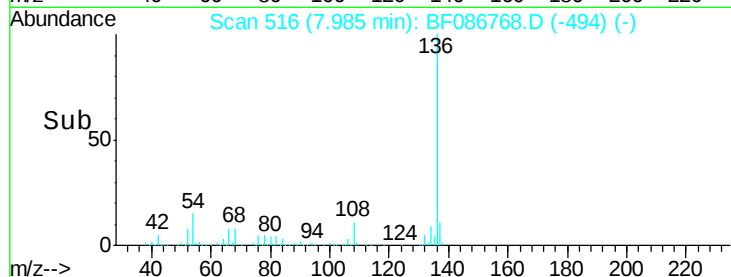
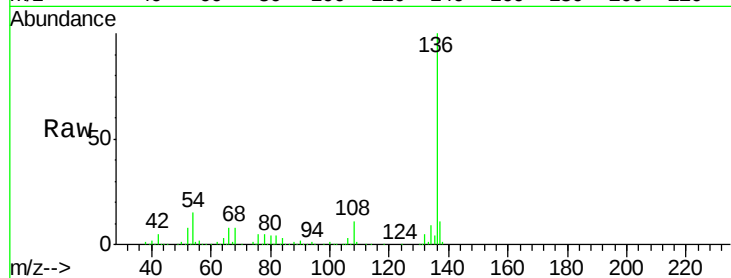




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

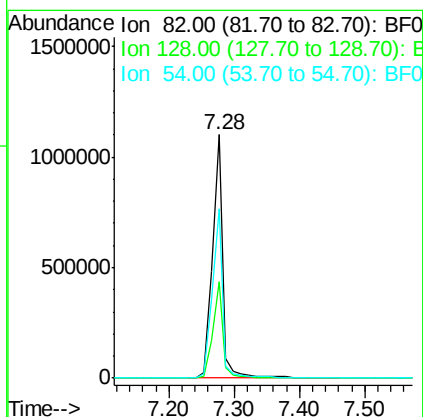
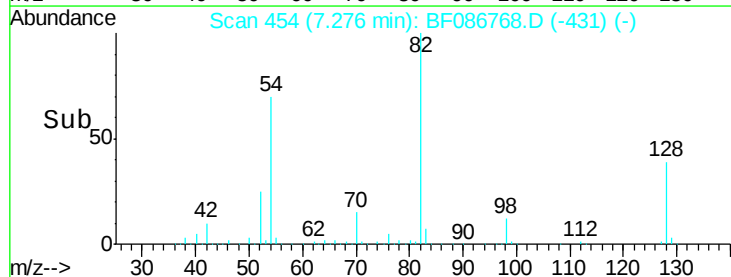
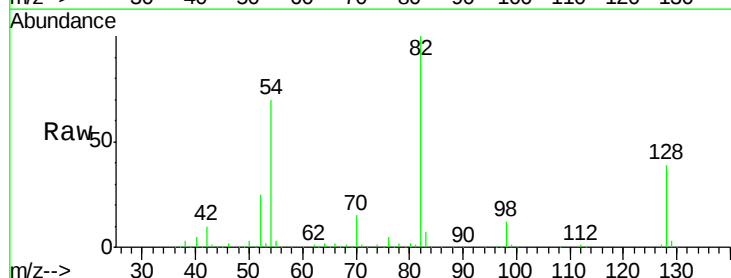
Instrument :
BNA_F
ClientSampleId :
MWHHR(2-10)

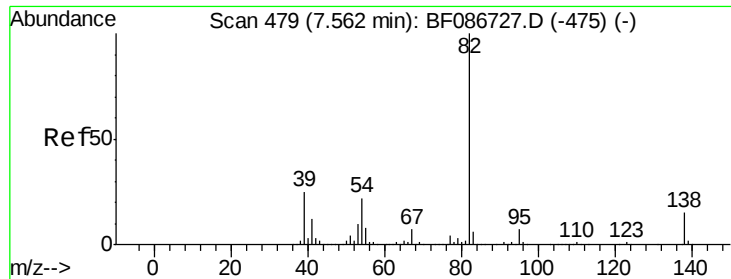
Tgt Ion:	136	Resp:	664277
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	15.0	5.0	7.4#
68	8.0	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 96.22 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

Tgt Ion:	82	Resp:	1243808
Ion	Ratio	Lower	Upper
82	100		
128	39.4	40.6	61.0#
54	69.8	38.1	57.1#





#25

Isophorone

Concen: 49.69 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.30 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

Instrument :

BNA_F

ClientSampleId :

MWHR(2-10)

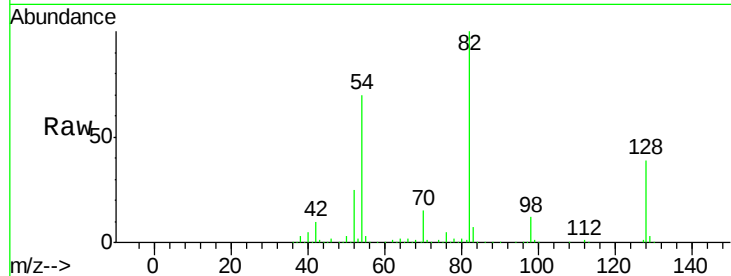
Tgt Ion: 82 Resp: 1196091

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

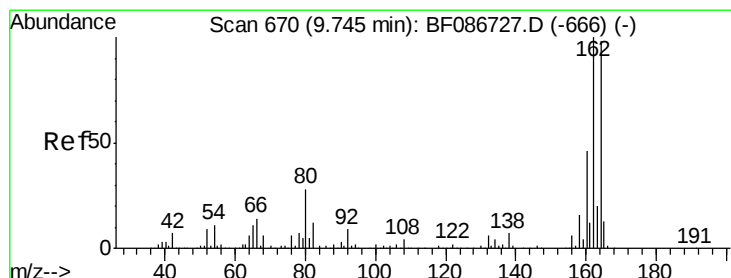
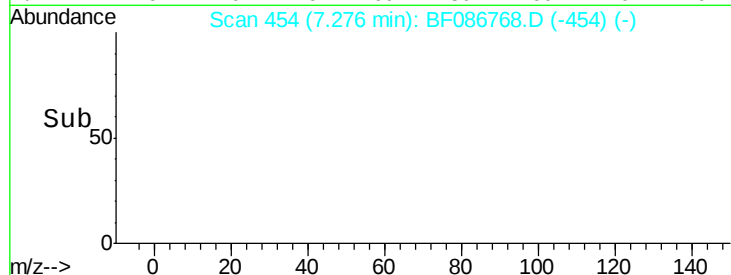
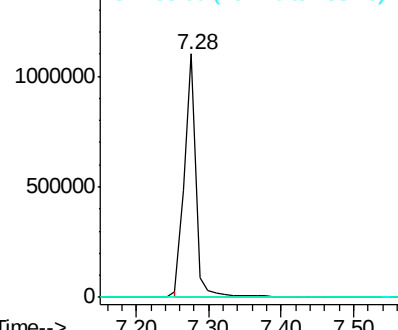
138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086768.D

Acq: 7 May 2016 12:22

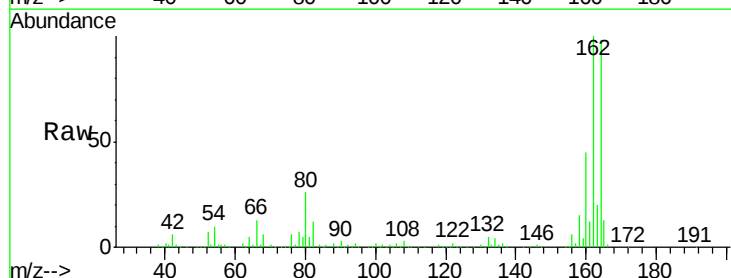
Tgt Ion: 164 Resp: 323189

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

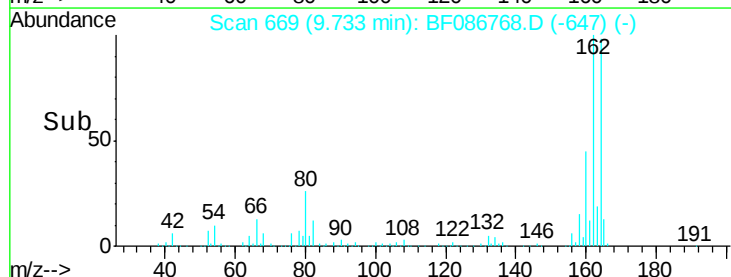
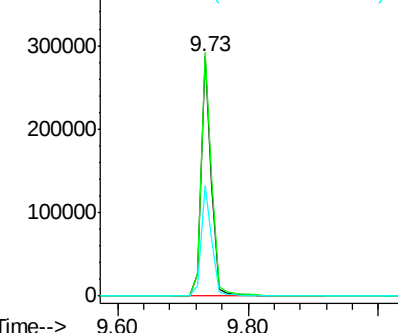
160 46.1 36.9 55.3

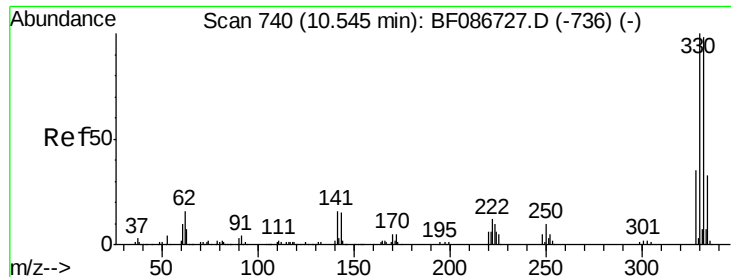


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

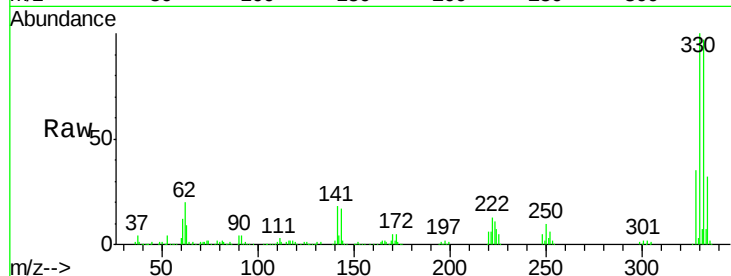




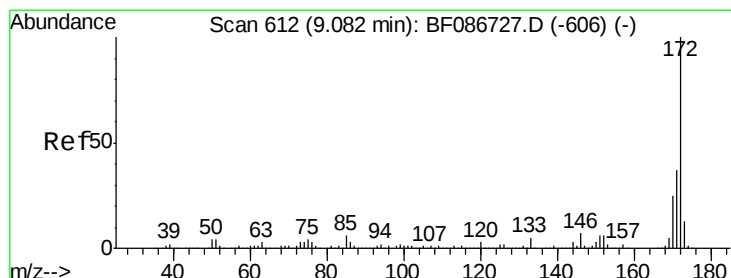
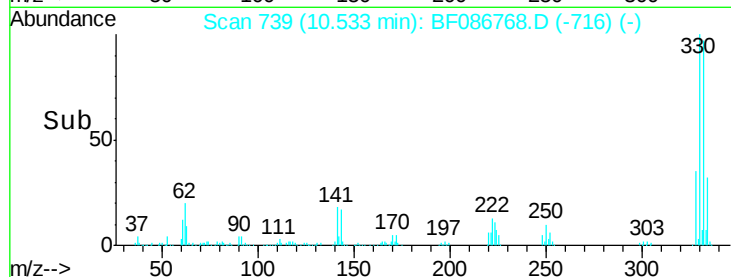
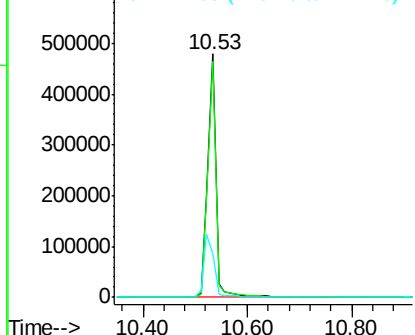
#41
 2,4,6-Tribromophenol
 Concen: 166.22 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Tgt Ion:330 Resp: 525496
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 32.3 31.2 46.8

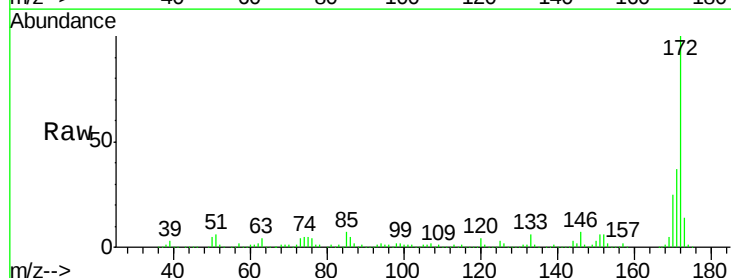


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

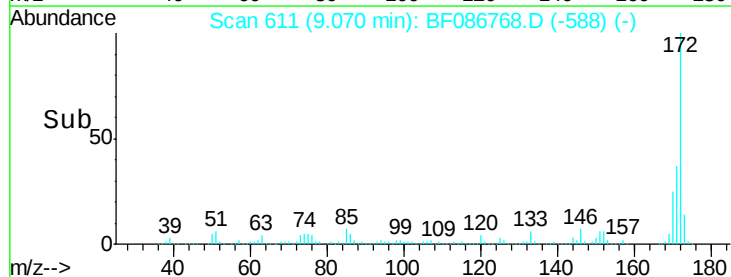
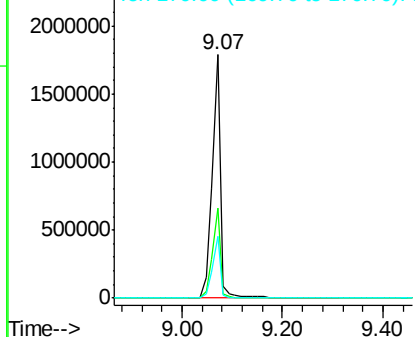


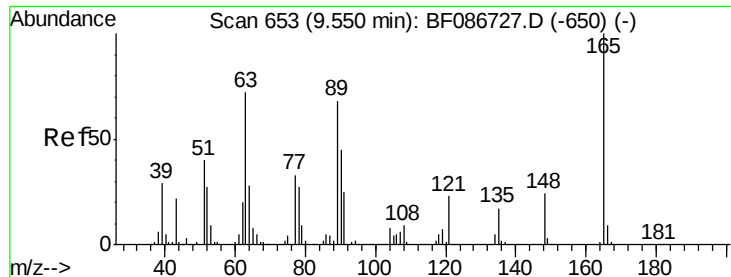
#44
 2-Fluorobiphenyl
 Concen: 104.08 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion:172 Resp: 2052055
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.0 43.6
 170 25.3 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

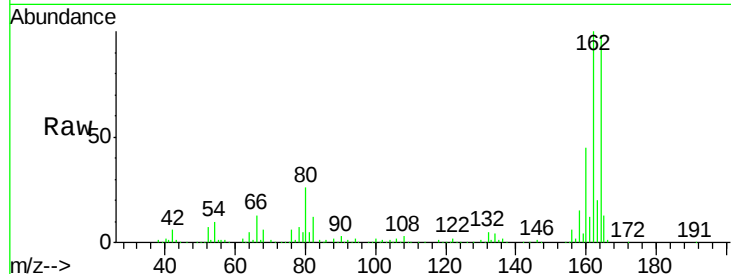




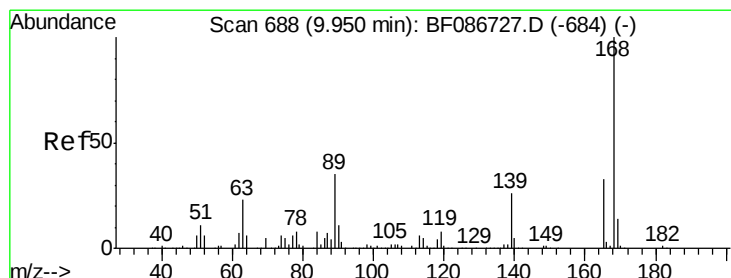
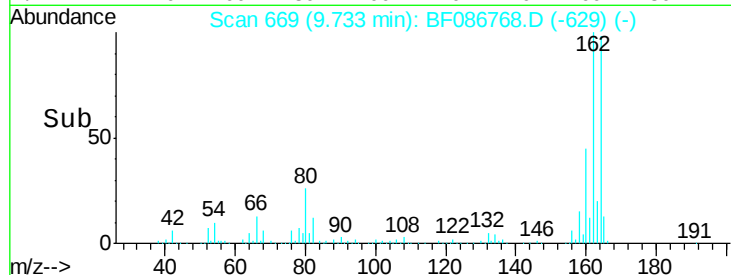
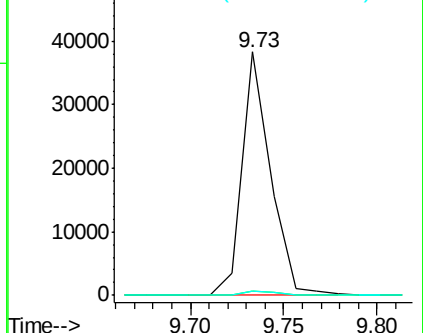
#50
 2,6-Dinitrotoluene
 Concen: 7.88 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.16 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Tgt Ion:165 Resp: 40748
 Ion Ratio Lower Upper
 165 100
 63 1.9 51.8 77.8#
 89 1.8 50.7 76.1#

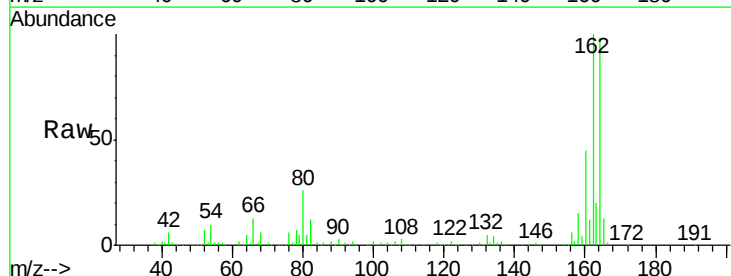


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

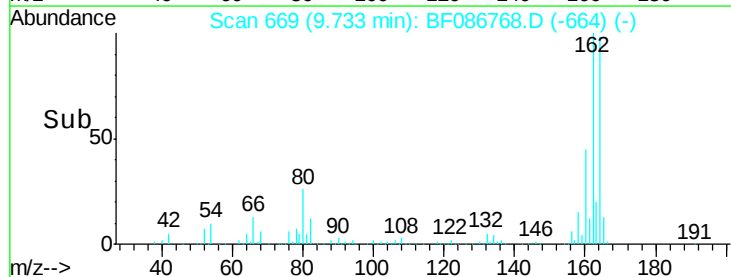
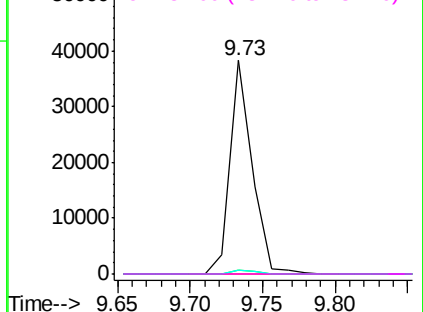


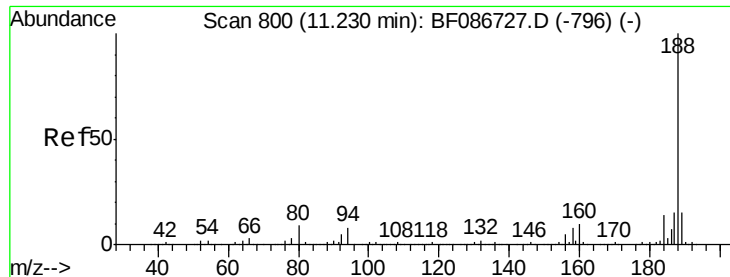
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.24 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion:165 Resp: 40752
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.3 66.5#
 89 1.8 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

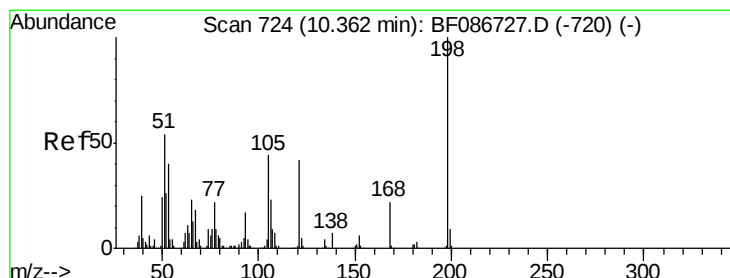
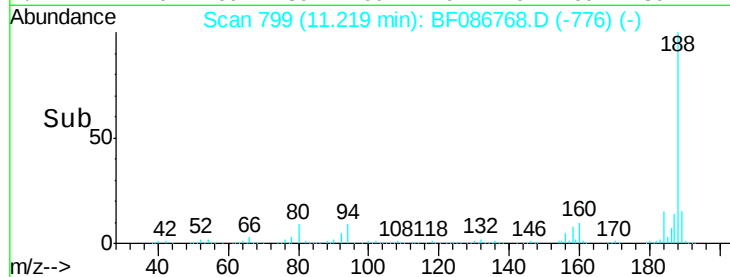
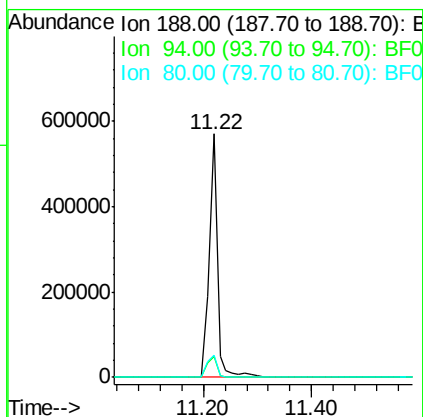
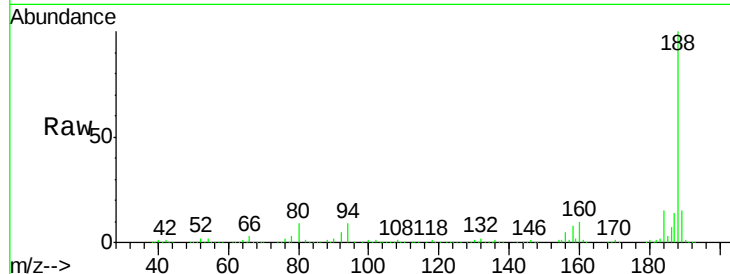




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

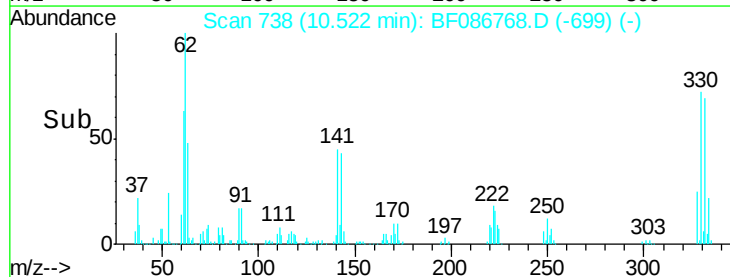
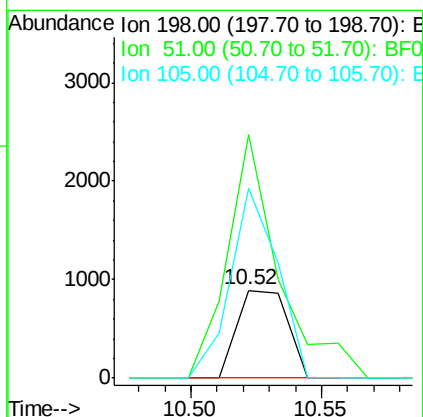
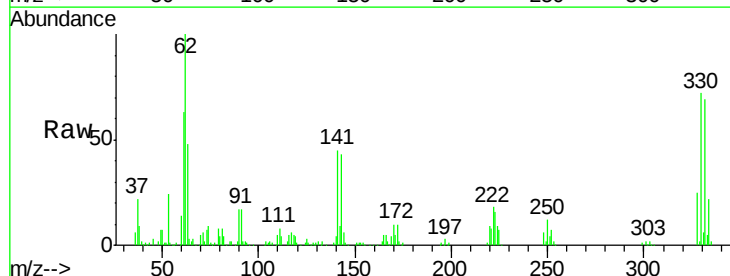
Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

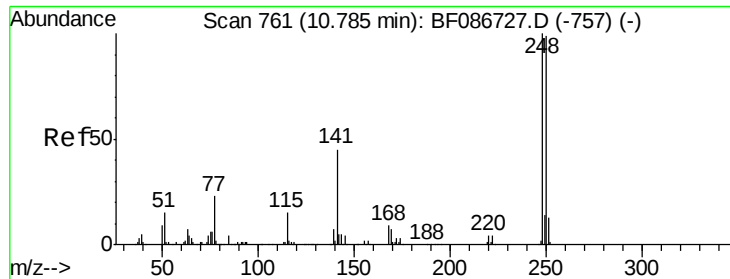
Tgt Ion:188 Resp: 602823
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.8 10.2
 80 9.1 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.66 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.15 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion:198 Resp: 1202
 Ion Ratio Lower Upper
 198 100
 51 278.1 20.5 60.5#
 105 216.3 24.5 64.5#

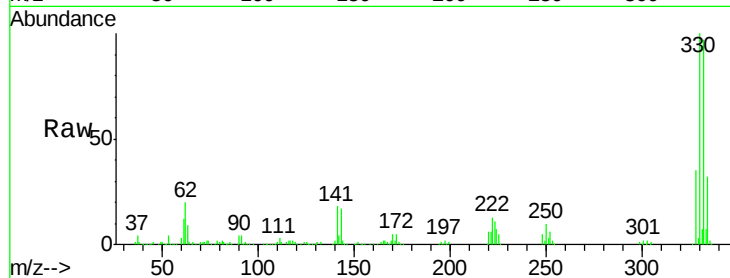




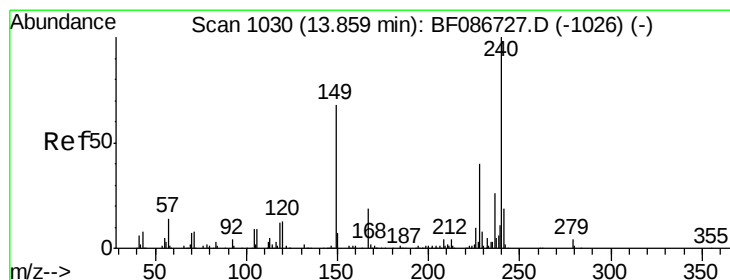
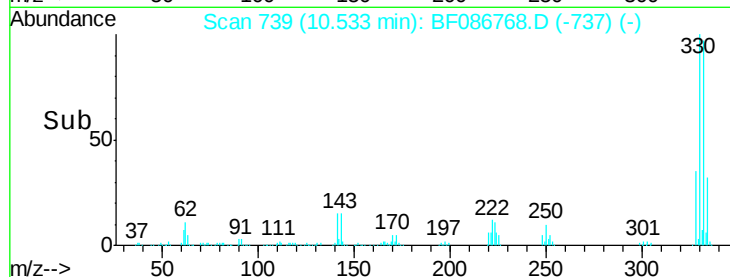
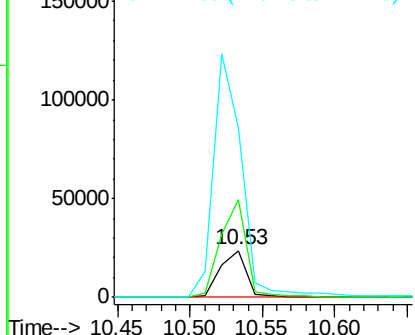
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.27 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

Instrument :
BNA_F
ClientSampleId :
MWHR(2-10)

Tgt Ion:248 Resp: 29960
Ion Ratio Lower Upper
248 100
250 207.4 78.6 117.8#
141 360.8 76.0 114.0#

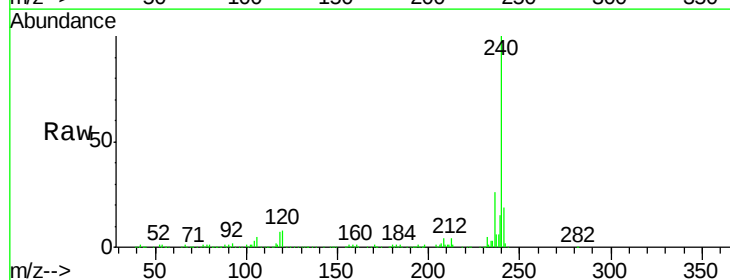


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

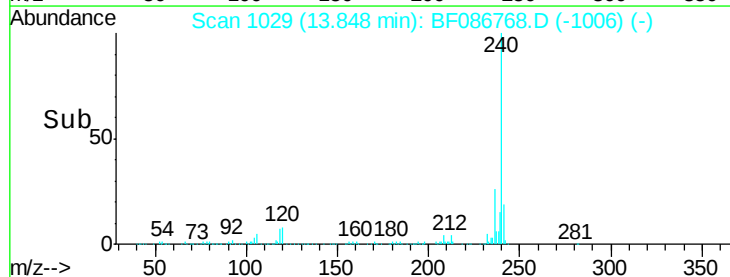
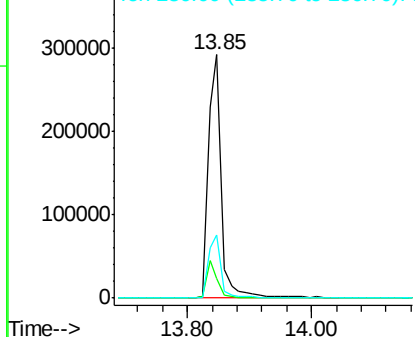


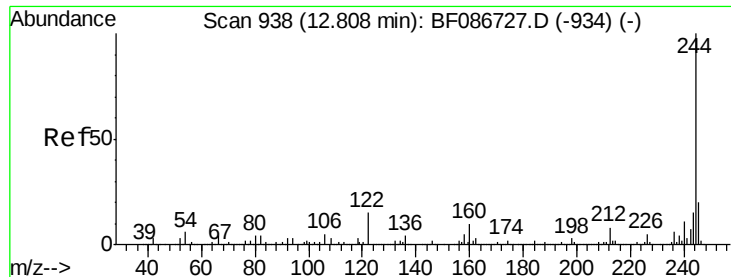
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF086768.D
Acq: 7 May 2016 12:22

Tgt Ion:240 Resp: 419884
Ion Ratio Lower Upper
240 100
120 8.2 11.2 16.8#
236 26.2 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

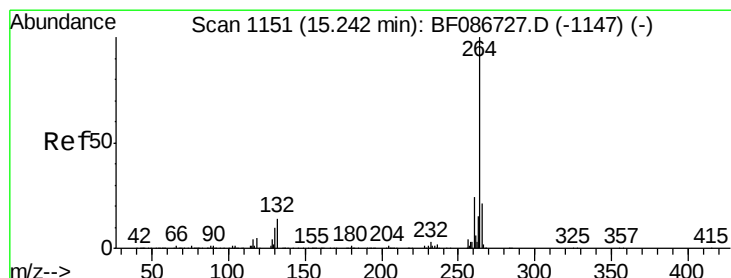
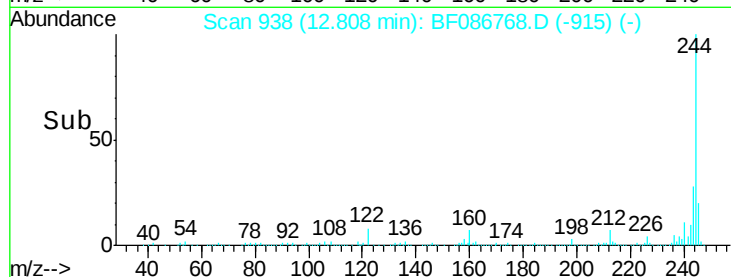
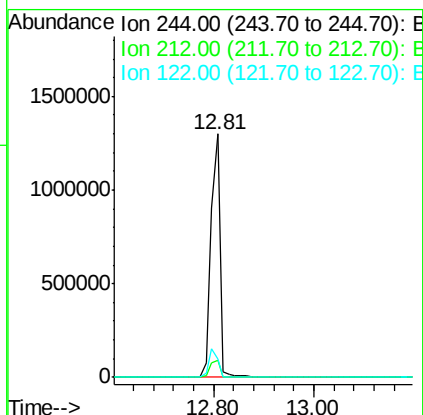
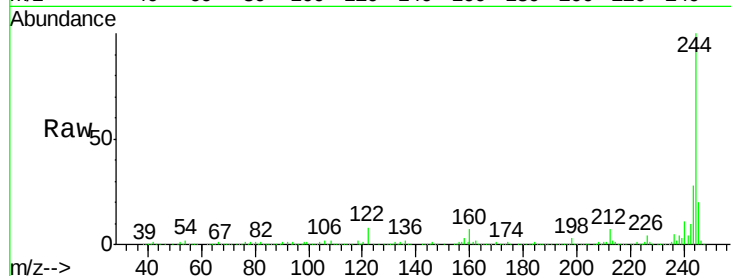




#78
 Terphenyl-d14
 Concen: 78.95 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.03 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Instrument :
 BNA_F
 ClientSampleId :
 MWHR(2-10)

Tgt Ion:244 Resp: 1640217
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.7 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.05 min
 Lab File: BF086768.D
 Acq: 7 May 2016 12:22

Tgt Ion:264 Resp: 322364
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.8 17.3 25.9

