

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086983.D
 Acq On : 13 May 2016 21:22
 Operator : UM/SJ
 Sample : H3026-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-020

Quant Time: May 13 22:52:47 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

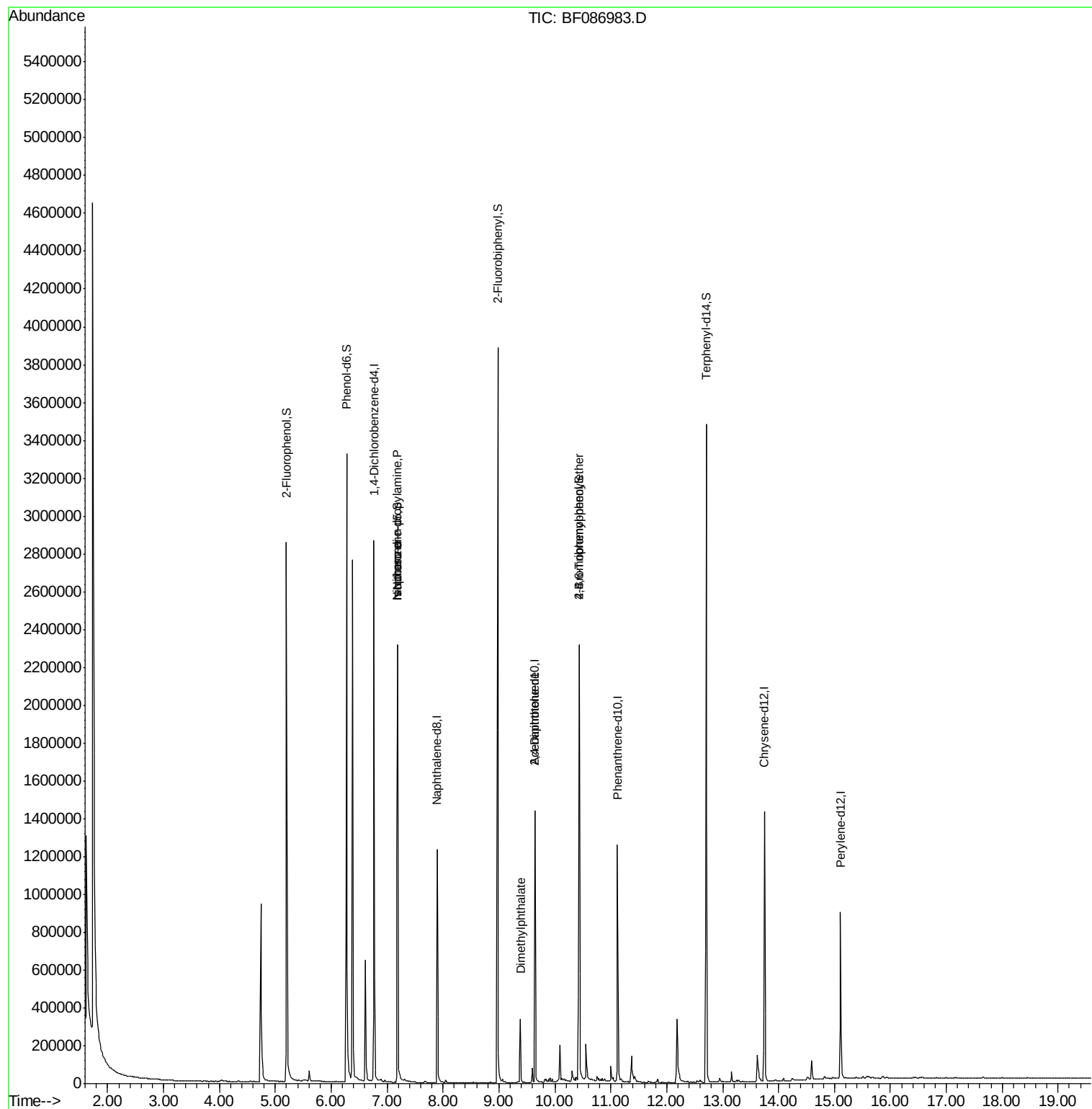
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	385580	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	561716	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	274854	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	529105	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	463254	20.00	ng	-0.09
86) Perylene-d12	15.11	264	361870	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	828853	36.40	ng	-0.09
7) Phenol-d6	6.27	99	1057508	34.75	ng	-0.09
23) Nitrobenzene-d5	7.19	82	850135	75.99	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	258014	88.67	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1349624	82.53	ng	-0.08
78) Terphenyl-d14	12.71	244	1221163	55.93	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	119314	5.61	ng	# 76
25) Isophorone	7.19	82	834155	40.19	ng	# 68
49) Dimethylphthalate	9.38	163	135921	6.48	ng	99
56) 2,4-Dinitrotoluene	9.64	165	34732	6.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	15474	2.88	ng	# 1

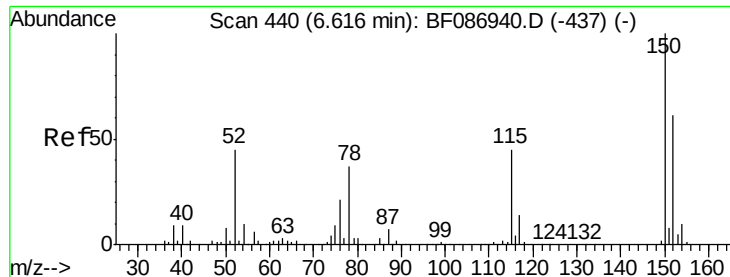
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
Data File : BF086983.D
Acq On : 13 May 2016 21:22
Operator : UM/SJ
Sample : H3026-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-020

Quant Time: May 13 22:52:47 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



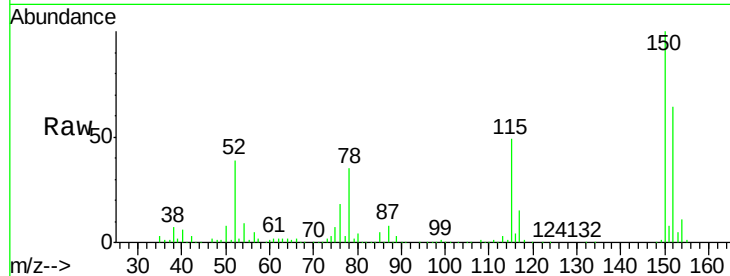


#1

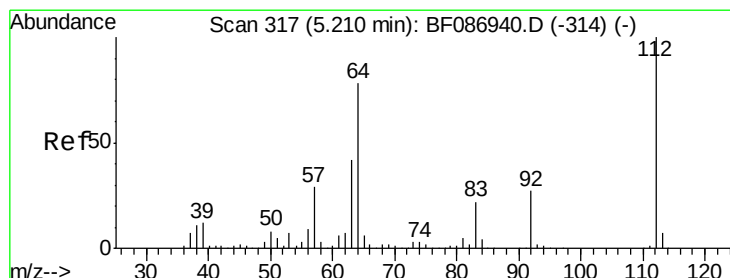
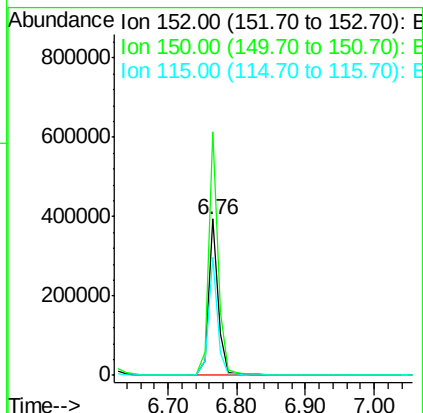
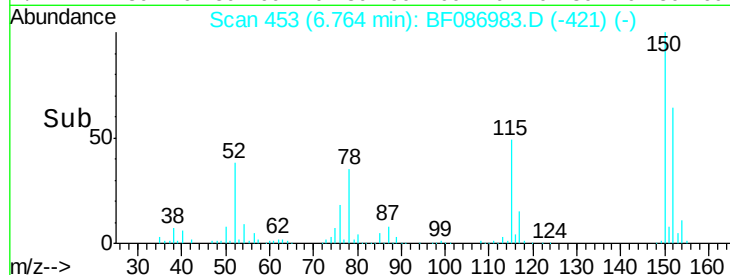
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-020

Tgt Ion:152 Resp: 385580
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 76.1 51.5 77.3



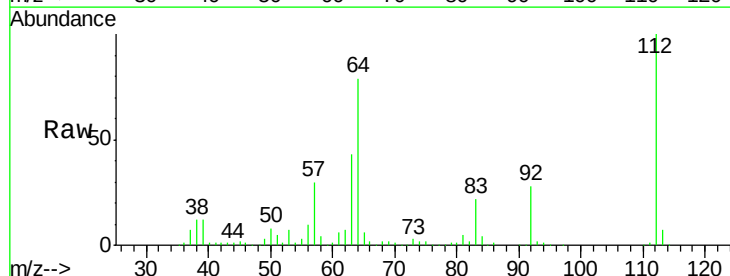
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



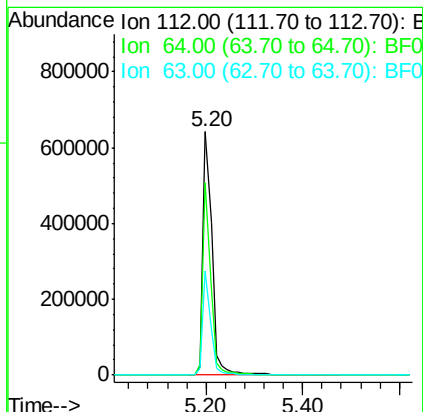
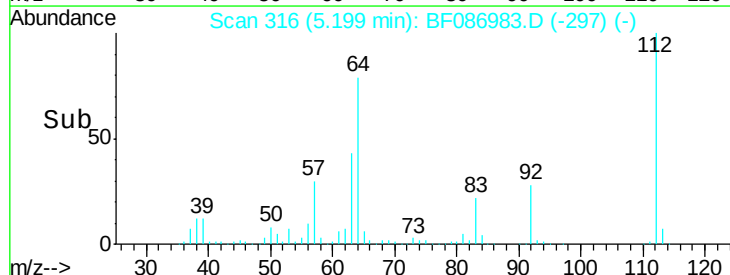
#5

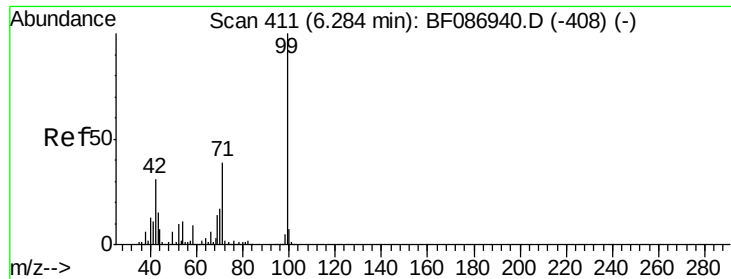
2-Fluorophenol
Concen: 36.40 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.09 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

Tgt Ion:112 Resp: 828853
Ion Ratio Lower Upper
112 100
64 79.2 52.1 78.1#
63 42.8 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: 34.75 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

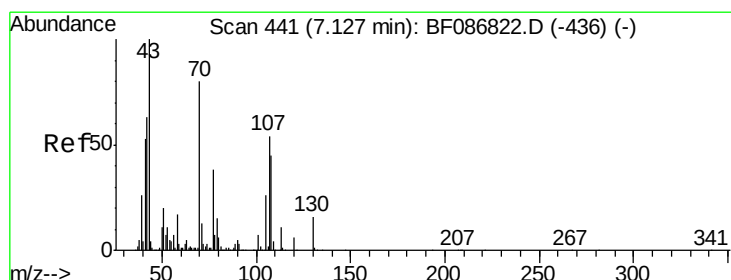
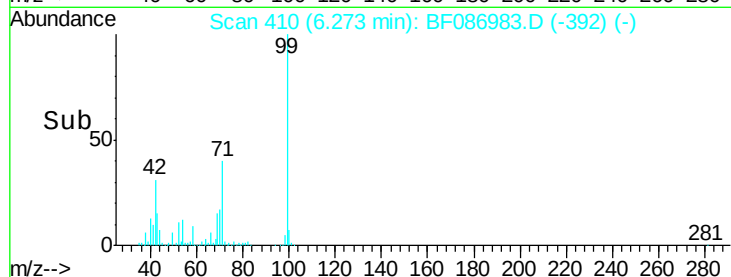
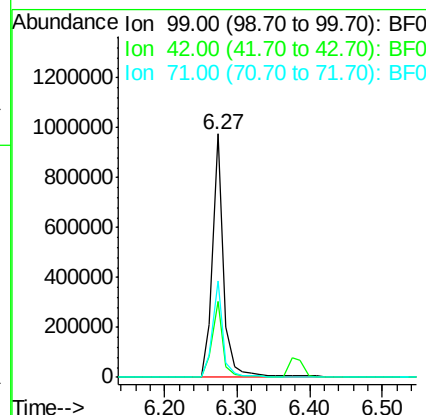
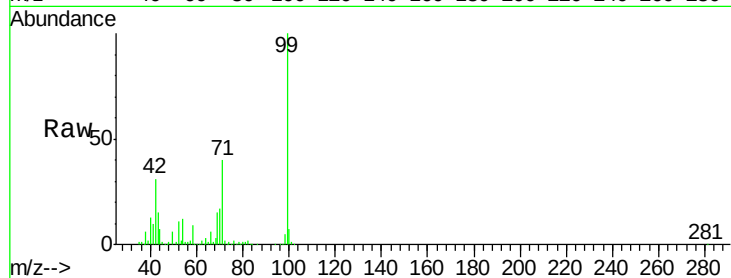
Tgt Ion: 99 Resp: 1057508

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

71 39.5 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 5.61 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Tgt Ion: 70 Resp: 119314

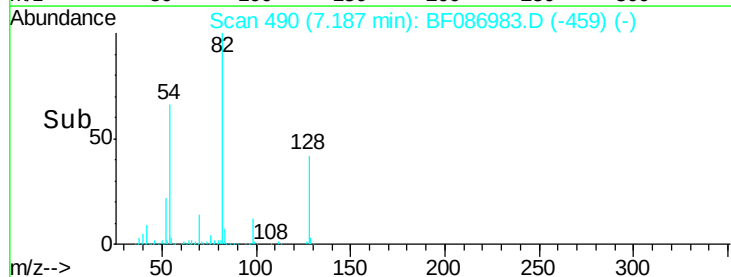
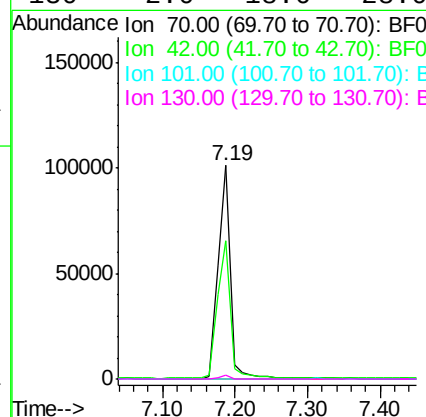
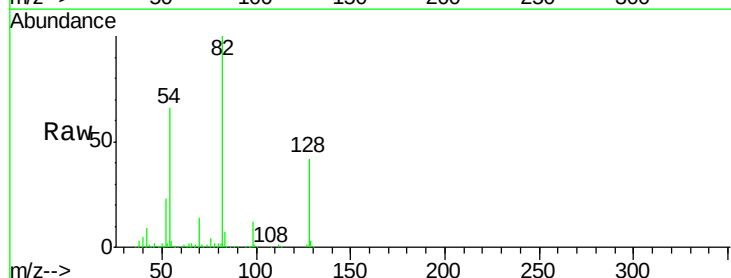
Ion Ratio Lower Upper

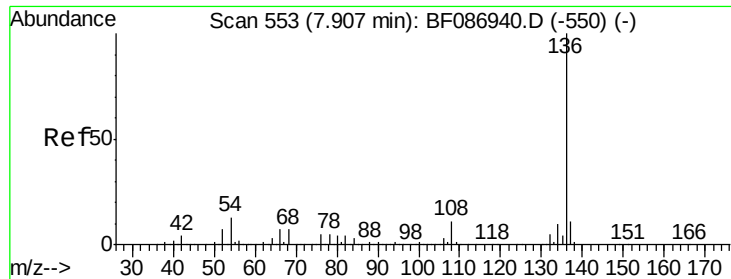
70 100

42 64.9 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

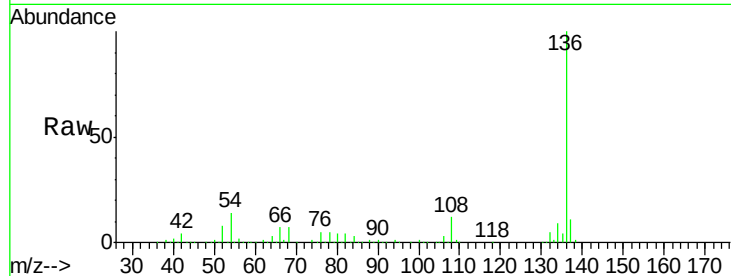




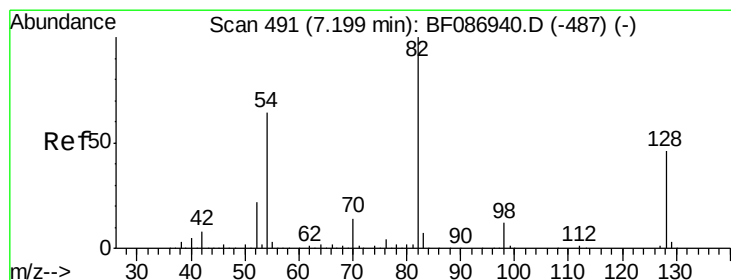
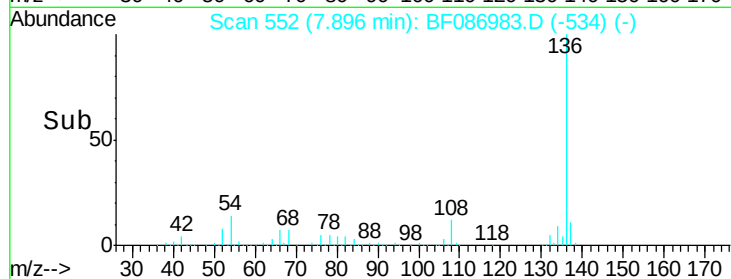
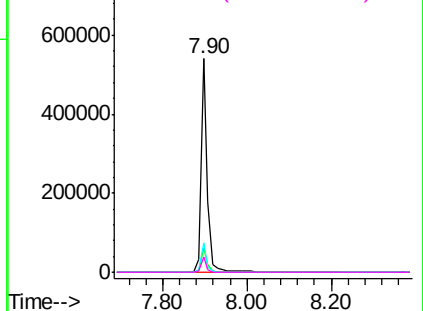
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-020

Tgt Ion:	136	Resp:	561716
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.0	5.0	7.4#
68	7.2	4.4	6.6#

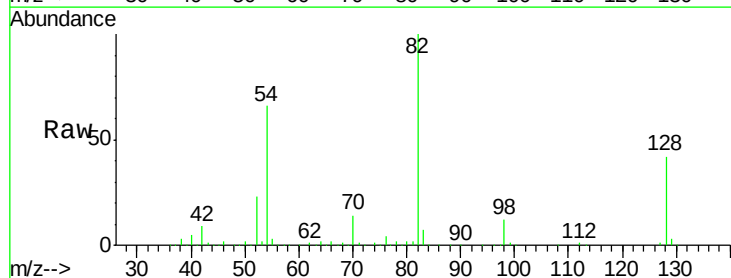


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

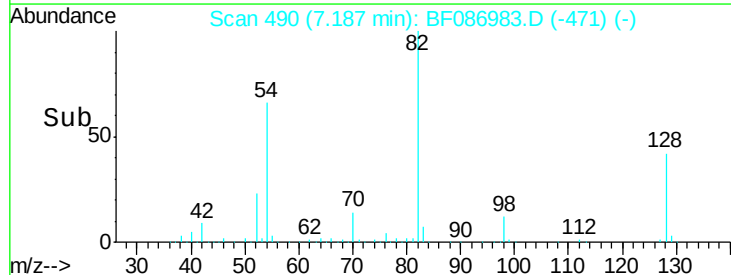
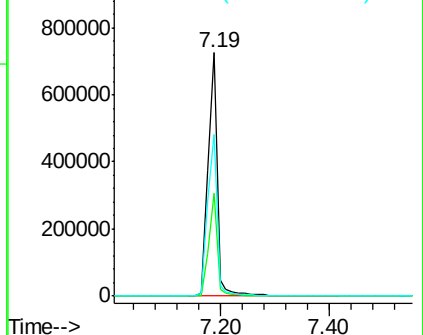


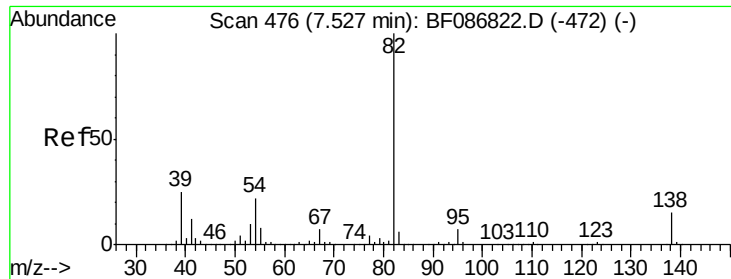
#23
Nitrobenzene-d5
Concen: 75.99 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

Tgt Ion:	82	Resp:	850135
Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	61.0
54	66.4	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





#25

Isophorone

Concen: 40.19 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

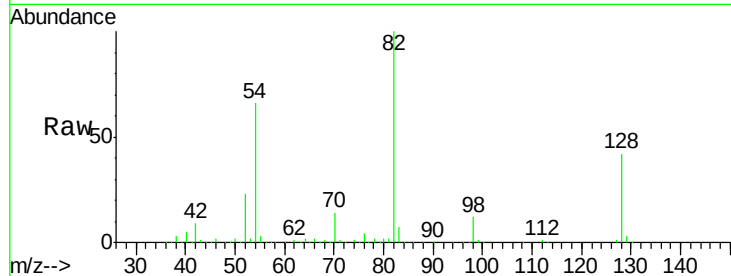
Tgt Ion: 82 Resp: 834155

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

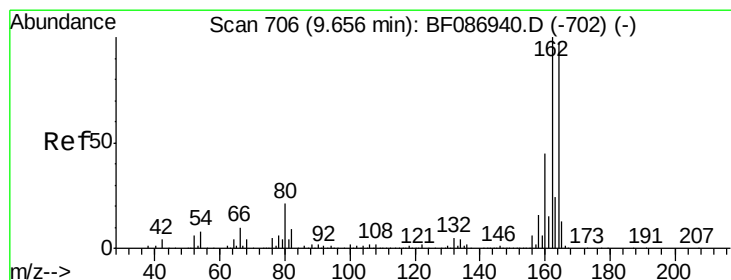
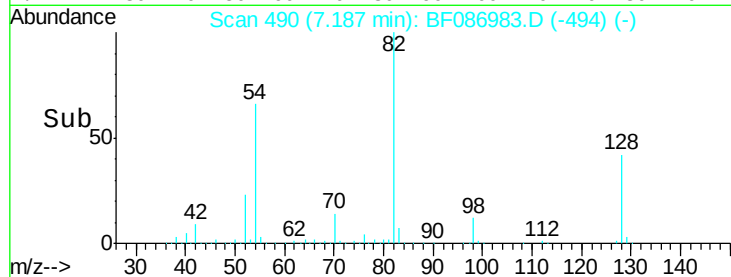
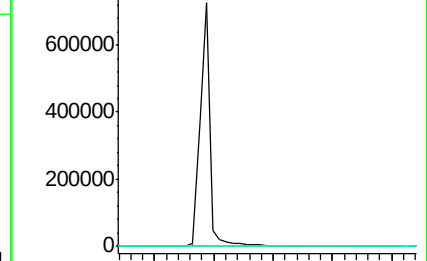
138 0.0 12.4 18.6#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

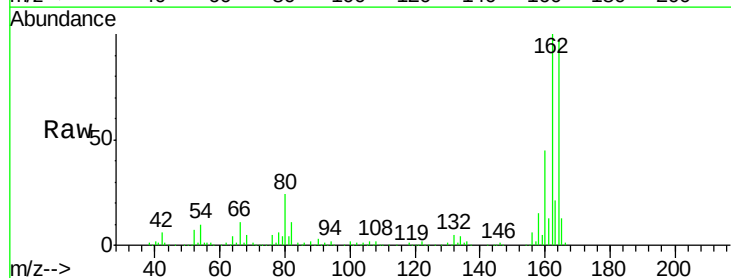
Tgt Ion: 164 Resp: 274854

Ion Ratio Lower Upper

164 100

162 102.8 82.8 124.2

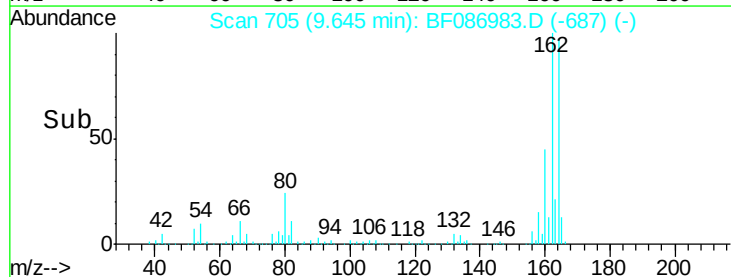
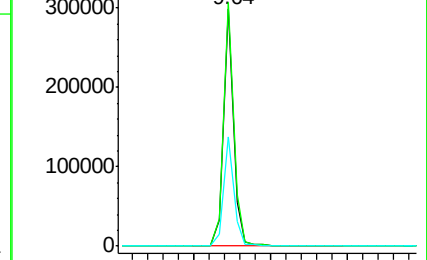
160 46.1 36.9 55.3

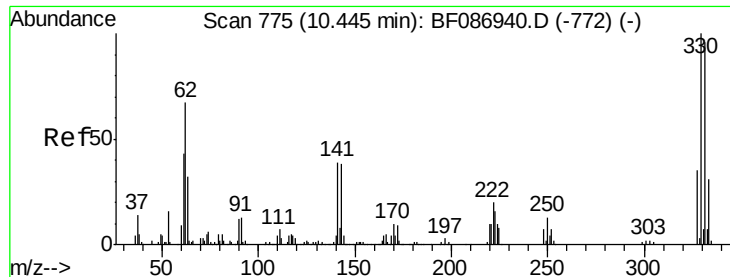


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

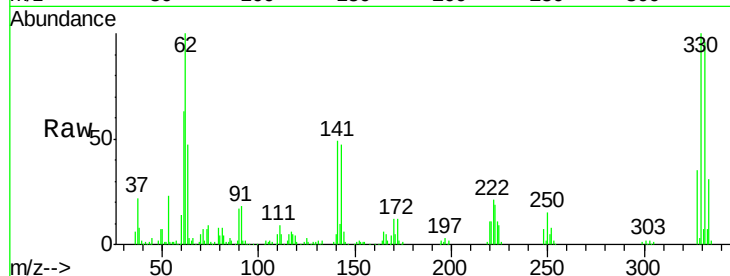




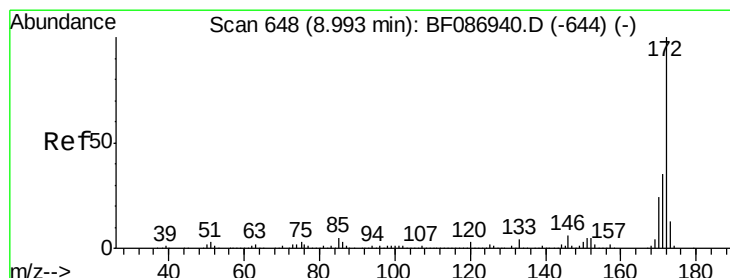
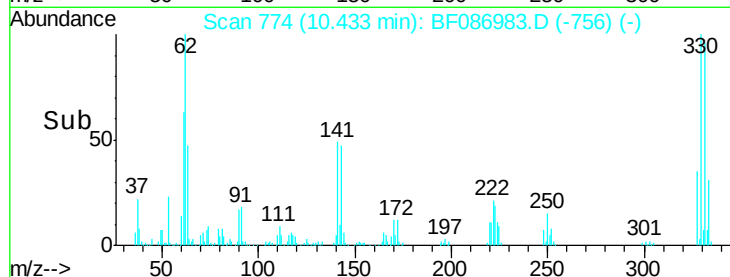
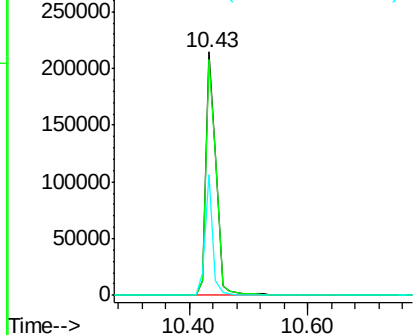
#41
 2,4,6-Tribromophenol
 Concen: 88.67 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF086983.D
 Acq: 13 May 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-020

Tgt Ion:330 Resp: 258014
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 38.6 31.2 46.8

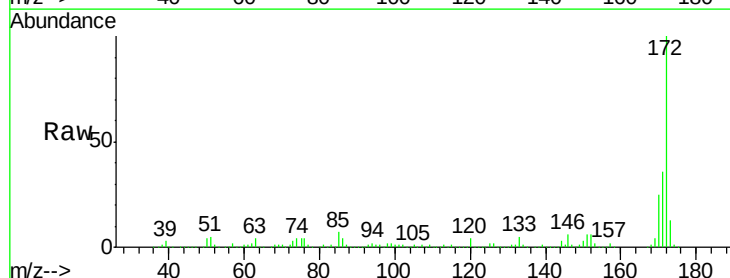


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

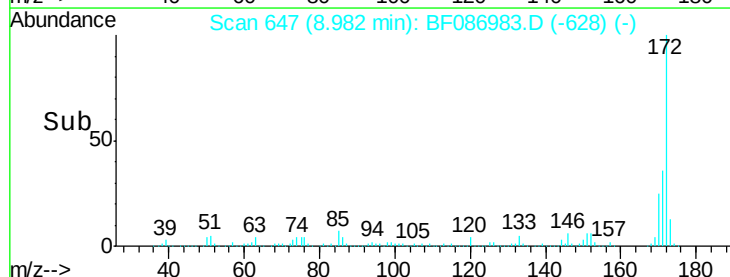
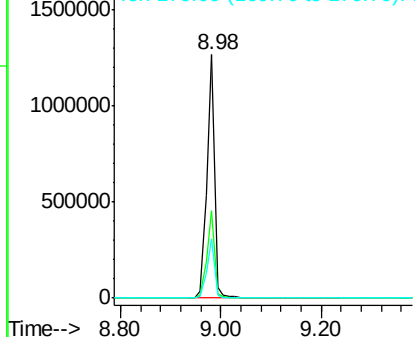


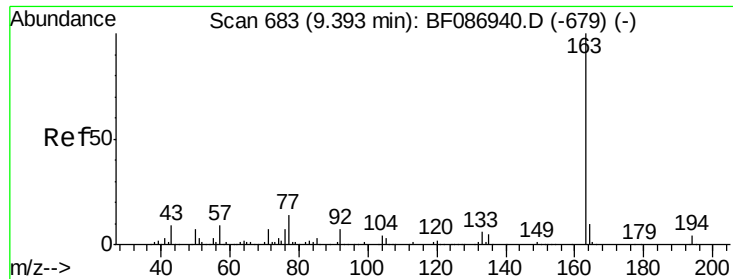
#44
 2-Fluorobiphenyl
 Concen: 82.53 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF086983.D
 Acq: 13 May 2016 21:22

Tgt Ion:172 Resp: 1349624
 Ion Ratio Lower Upper
 172 100
 171 36.1 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





#49

Dimethylphthalate

Concen: 6.48 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

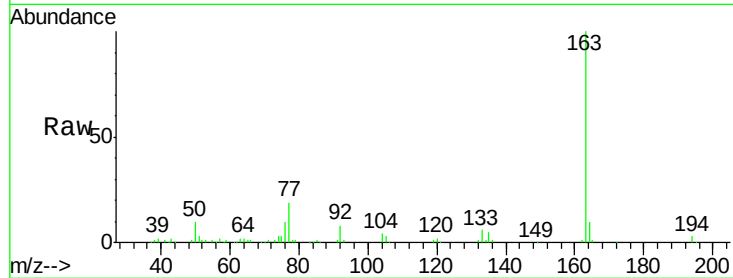
Tgt Ion:163 Resp: 135921

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

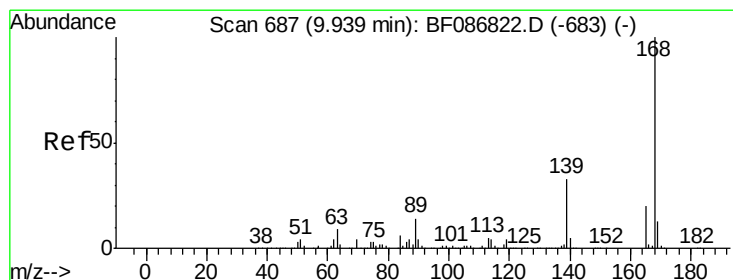
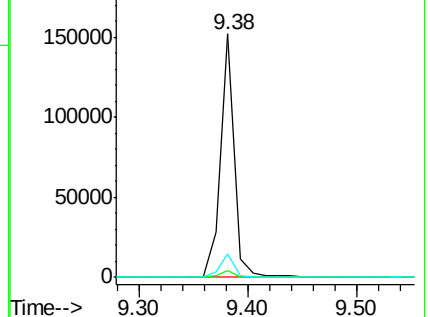
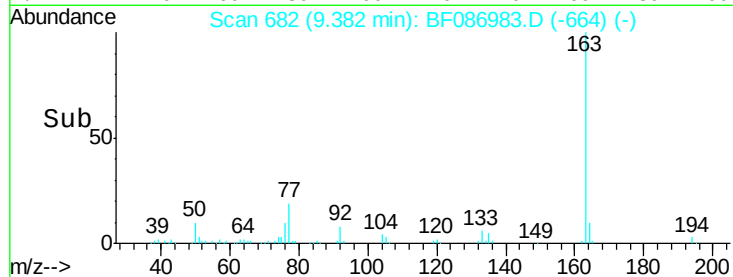
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.36 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.29 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Tgt Ion:165 Resp: 34732

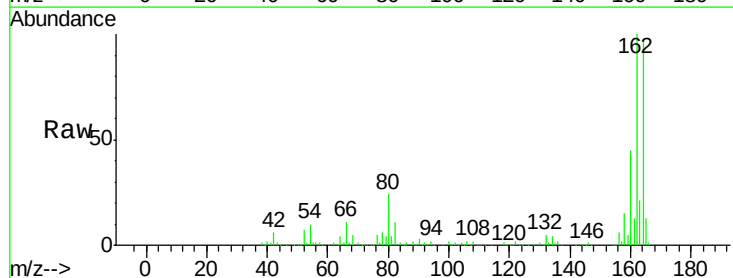
Ion Ratio Lower Upper

165 100

63 1.7 44.3 66.5#

89 1.6 70.0 105.0#

182 0.0 1.8 2.6#

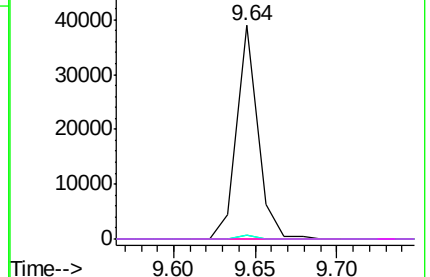
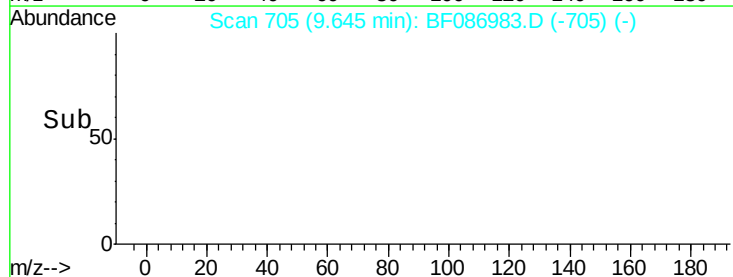


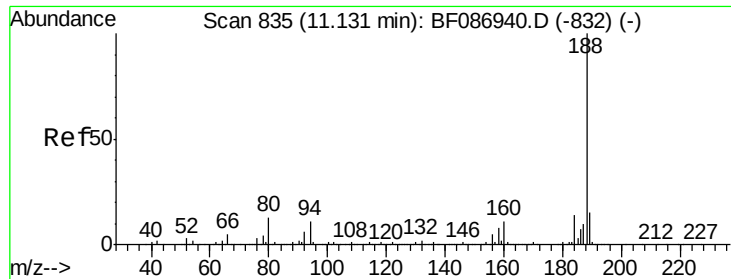
Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.09 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

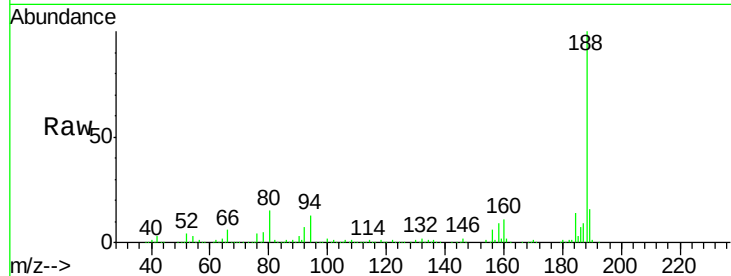
Tgt Ion:188 Resp: 529105

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

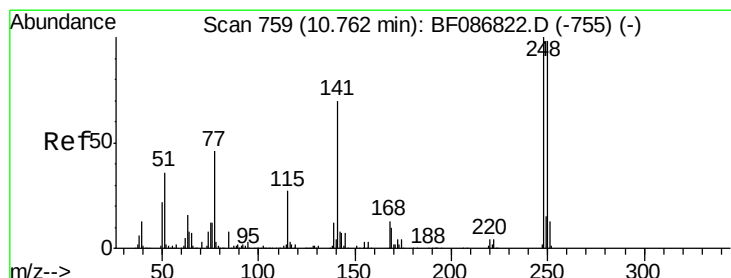
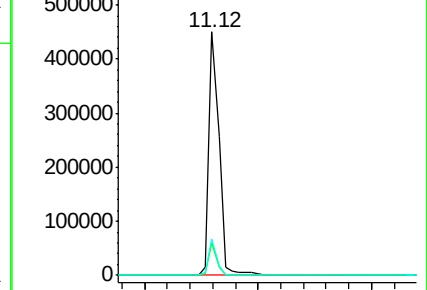
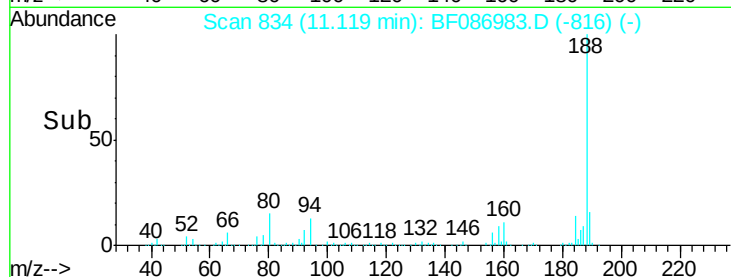
80 15.0 7.1 10.7#



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: 2.88 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

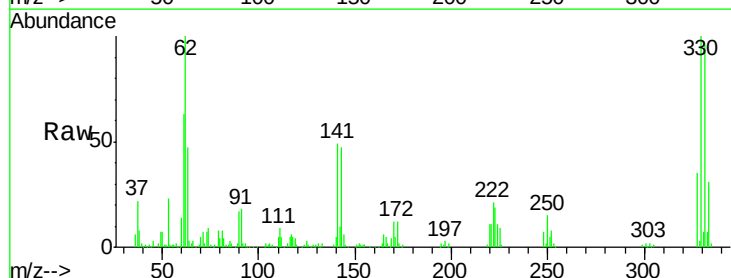
Tgt Ion:248 Resp: 15474

Ion Ratio Lower Upper

248 100

250 196.5 78.6 117.8#

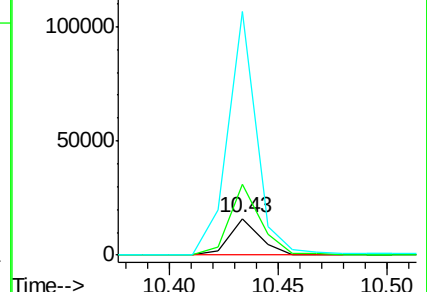
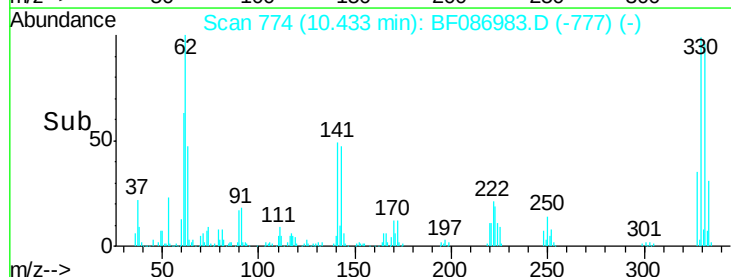
141 670.2 76.0 114.0#

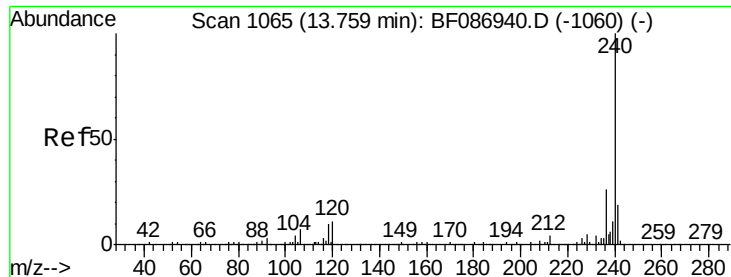


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

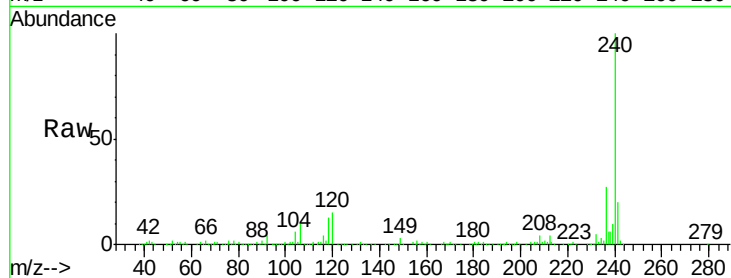
Tgt Ion:240 Resp: 463254

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

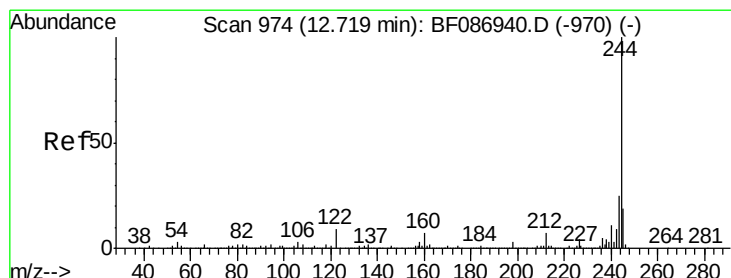
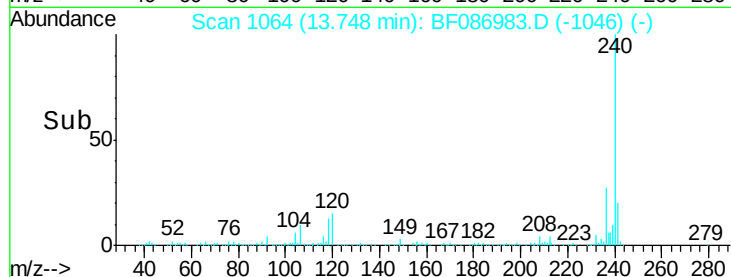
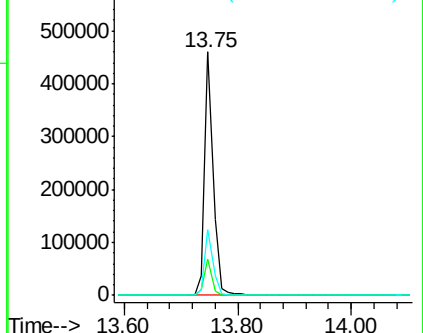
236 27.0 21.2 31.8



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: 55.93 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

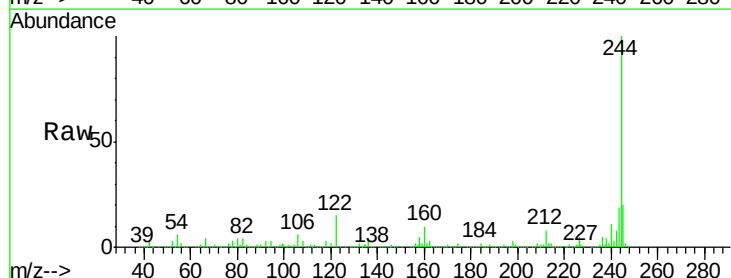
Tgt Ion:244 Resp: 1221163

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

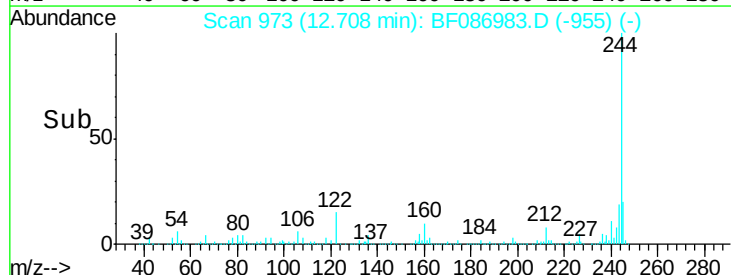
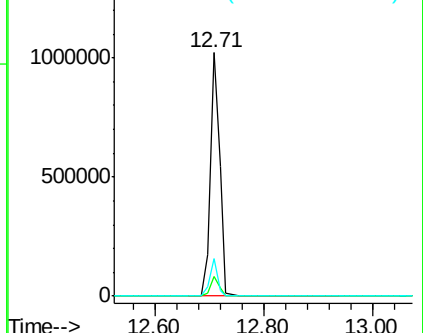
122 15.4 12.0 18.0

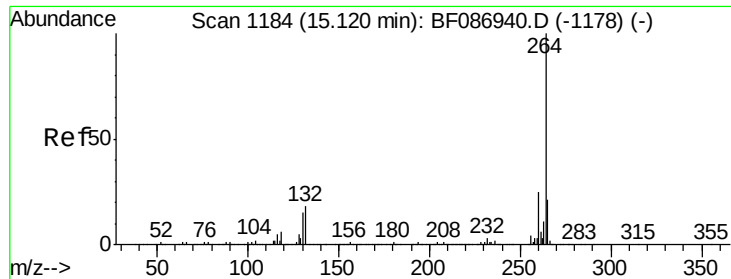


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086983.D
Acq: 13 May 2016 21:22

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-020

Tgt Ion: 264 Resp: 361870
Ion Ratio Lower Upper
264 100
260 25.0 19.5 29.3
265 21.6 17.3 25.9

