

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051316\
 Data File : BF086979.D
 Acq On : 13 May 2016 19:08
 Operator : UM/SJ
 Sample : H3026-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019

Quant Time: May 13 22:51:09 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

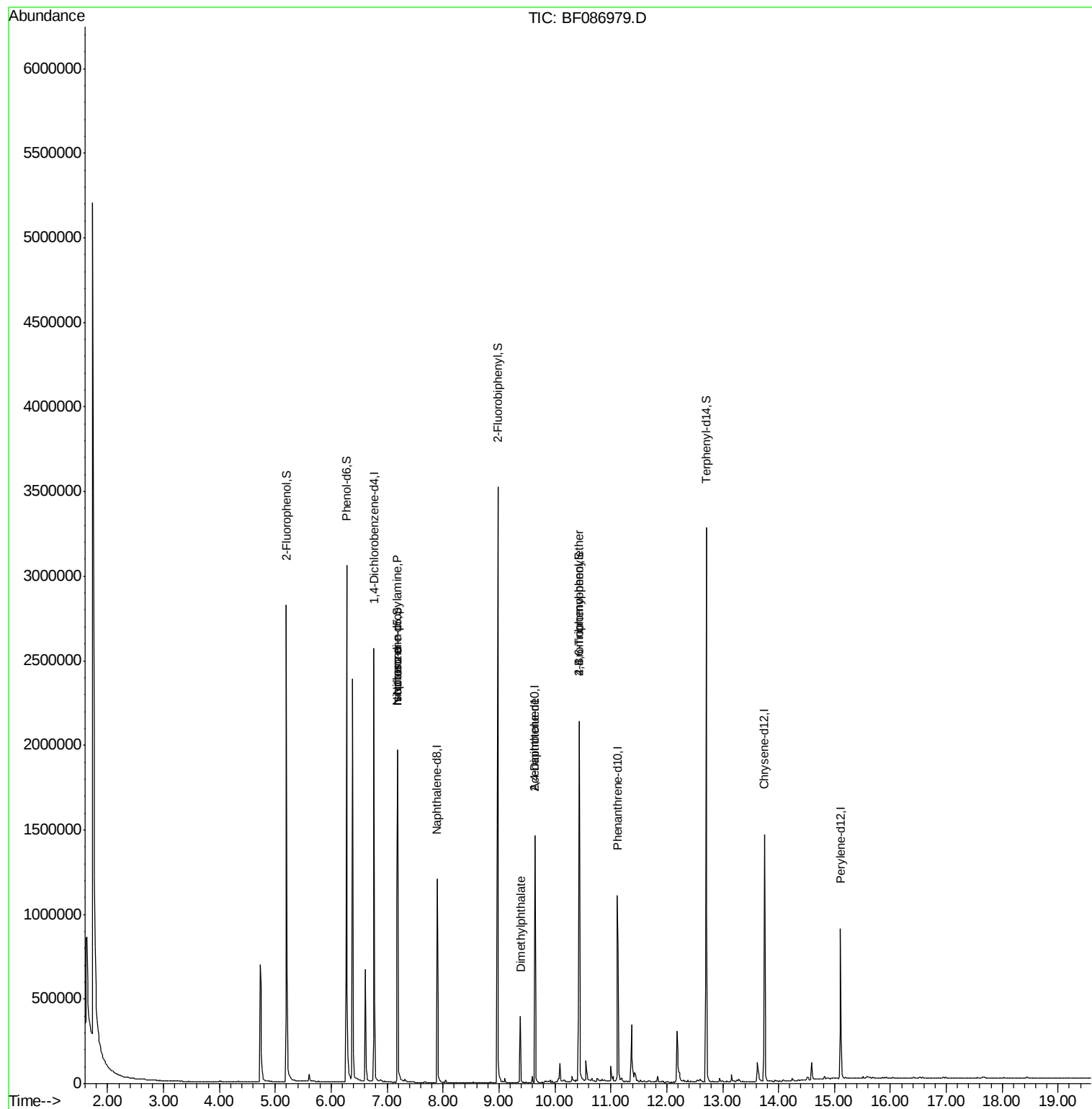
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	334268	20.00	ng	0.07
21) Naphthalene-d8	7.90	136	569809	20.00	ng	-0.09
38) Acenaphthene-d10	9.64	164	281094	20.00	ng	-0.09
63) Phenanthrene-d10	11.12	188	541005	20.00	ng	-0.09
75) Chrysene-d12	13.75	240	478281	20.00	ng	-0.09
86) Perylene-d12	15.11	264	362490	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	700942	35.51	ng	-0.09
7) Phenol-d6	6.27	99	944920	35.82	ng	-0.09
23) Nitrobenzene-d5	7.19	82	734434	64.72	ng	-0.08
41) 2,4,6-Tribromophenol	10.43	330	235669	79.19	ng	-0.09
44) 2-Fluorobiphenyl	8.98	172	1175806	70.30	ng	-0.08
78) Terphenyl-d14	12.71	244	1031439	45.76	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	102980	5.59	ng	# 78
25) Isophorone	7.19	82	719001	34.15	ng	# 68
49) Dimethylphthalate	9.38	163	155303	7.24	ng	98
56) 2,4-Dinitrotoluene	9.64	165	35292	6.32	ng	# 16
66) 4-Bromophenyl-phenylether	10.43	248	14494	2.64	ng	# 1

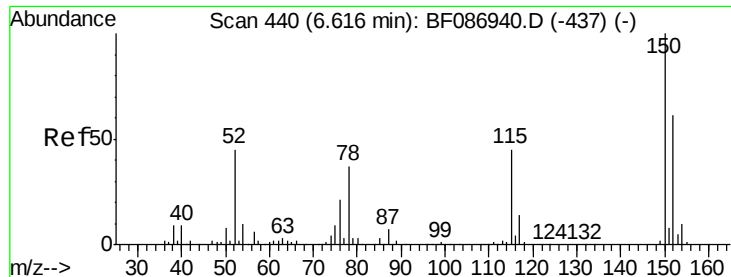
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.07 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019

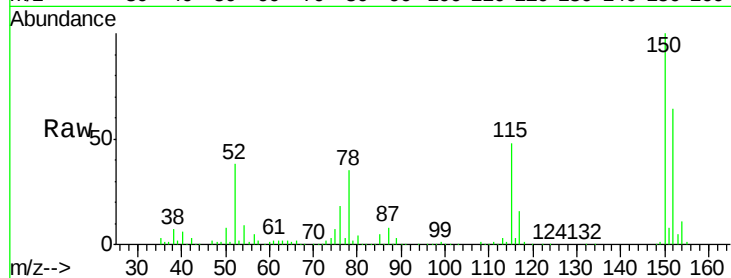
Tgt Ion:152 Resp: 334268

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

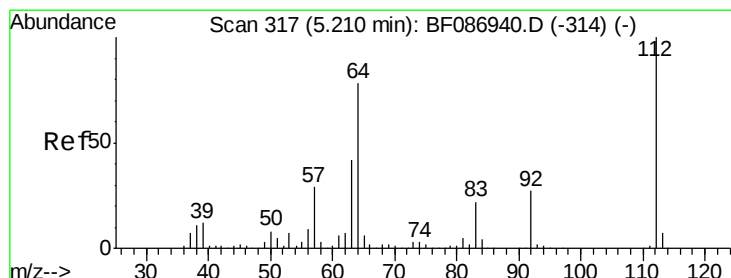
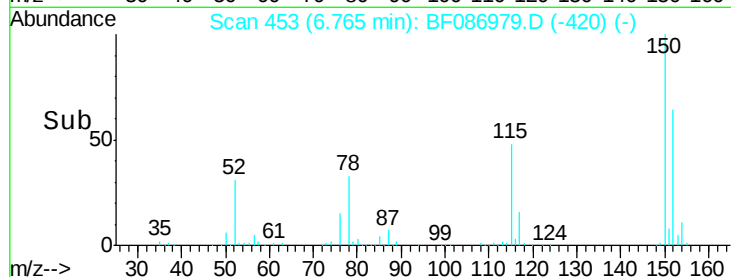
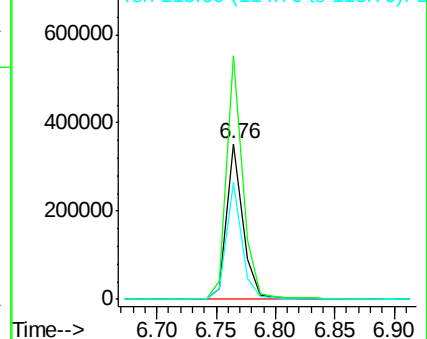
115 75.0 51.5 77.3



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: 35.51 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

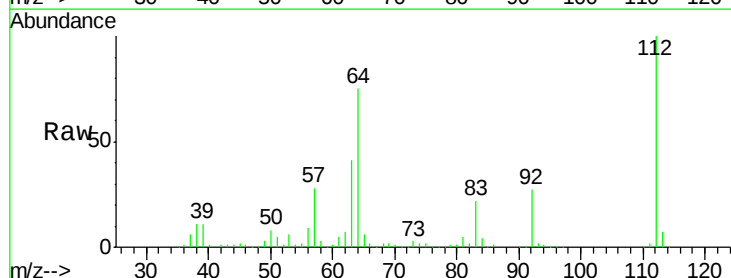
Tgt Ion:112 Resp: 700942

Ion Ratio Lower Upper

112 100

64 74.8 52.1 78.1

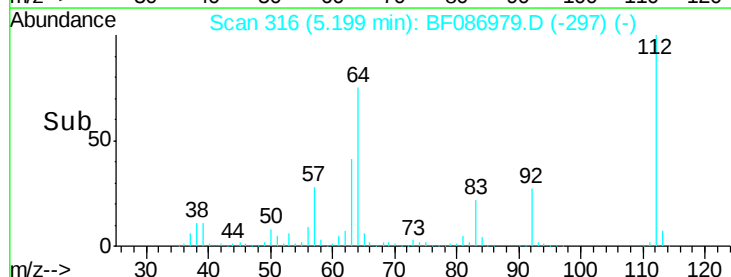
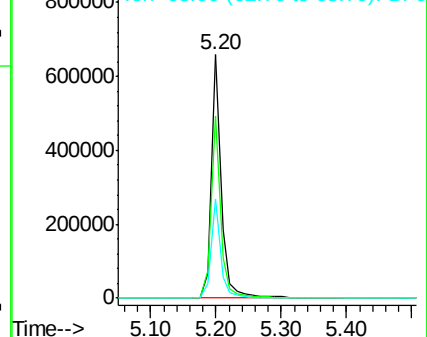
63 40.8 25.7 38.5

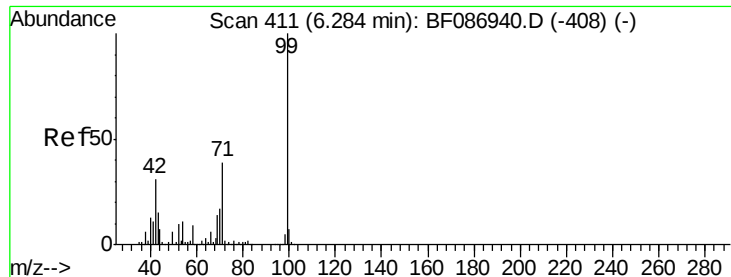


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.82 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019

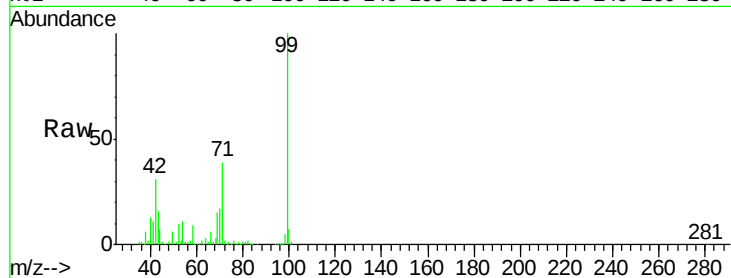
Tgt Ion: 99 Resp: 944920

Ion Ratio Lower Upper

99 100

42 30.7 13.6 20.4#

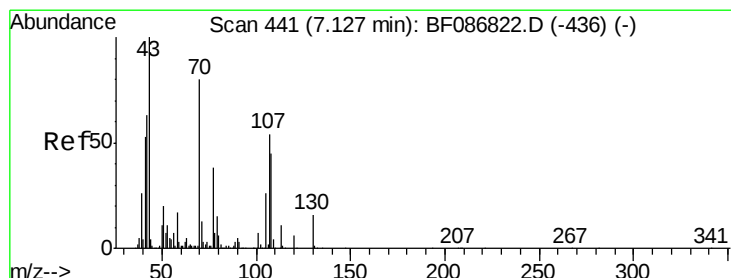
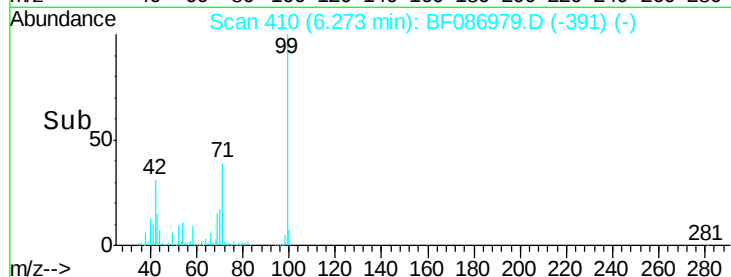
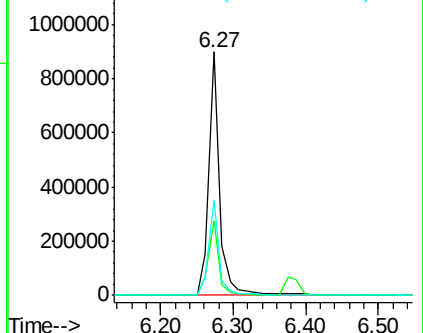
71 39.2 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.59 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.06 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

Tgt Ion: 70 Resp: 102980

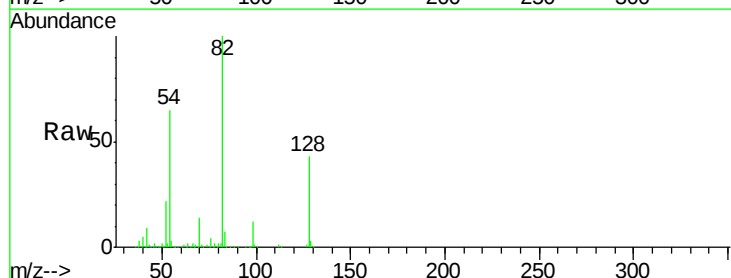
Ion Ratio Lower Upper

70 100

42 62.9 43.1 64.7

101 0.0 8.1 12.1#

130 2.2 18.6 28.0#

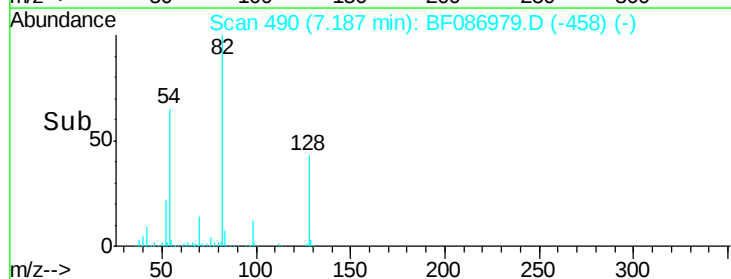
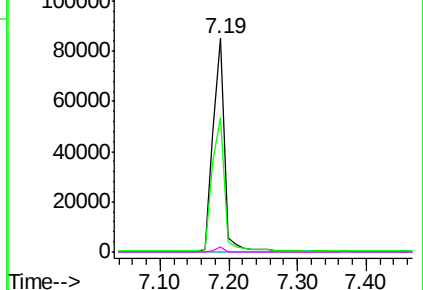


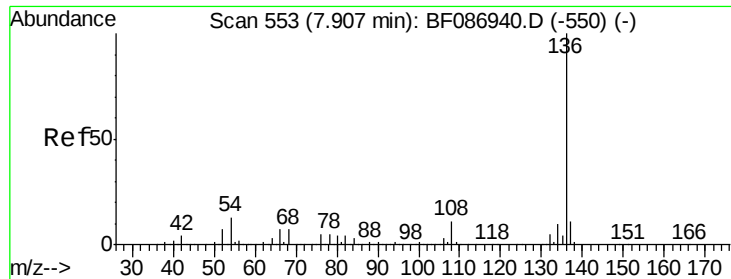
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

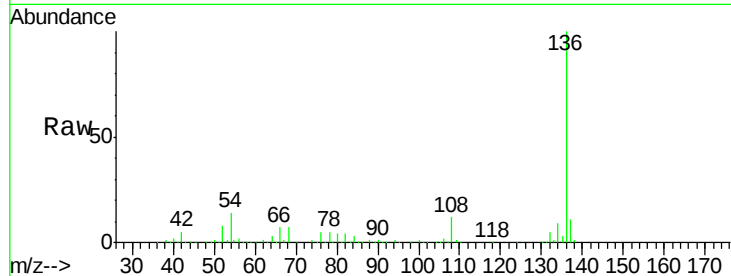




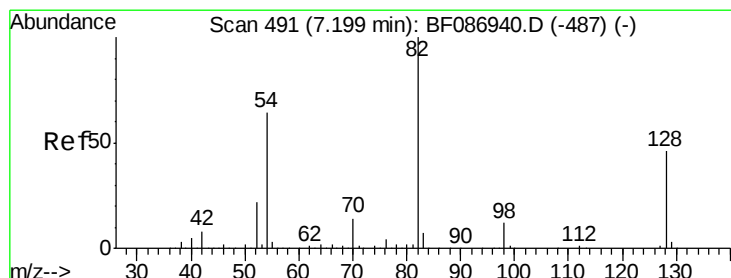
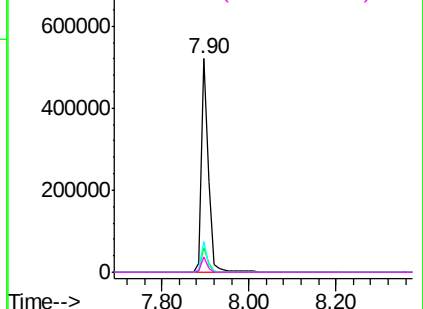
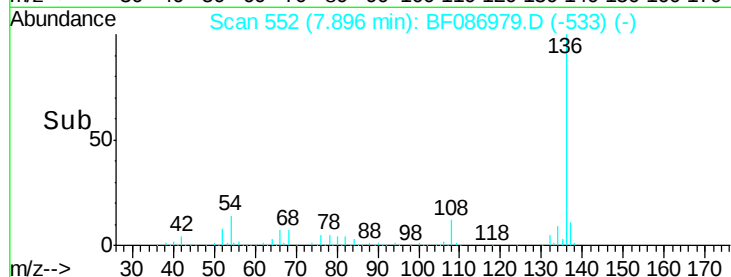
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.09 min
Lab File: BF086979.D
Acq: 13 May 2016 19:08

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019

Tgt Ion:	136	Resp:	569809
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	14.5	5.0	7.4#
68	7.4	4.4	6.6#

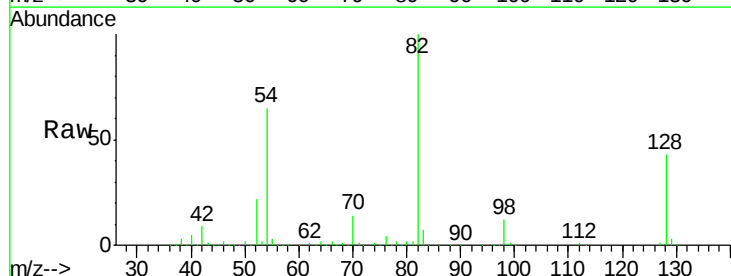


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

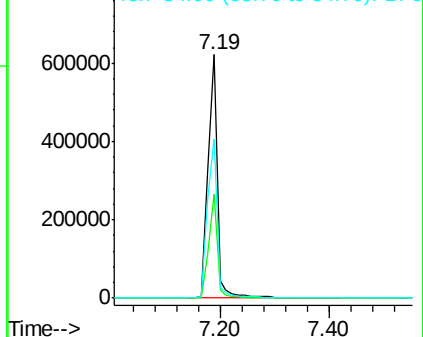
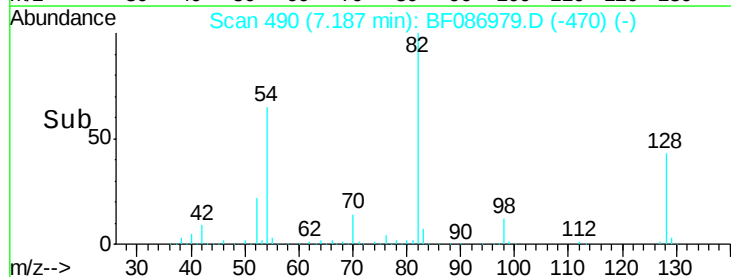


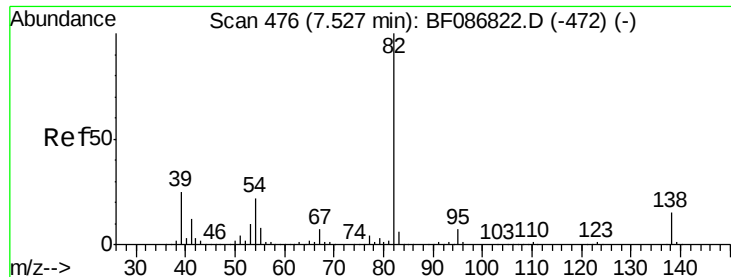
#23
Nitrobenzene-d5
Concen: 64.72 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.08 min
Lab File: BF086979.D
Acq: 13 May 2016 19:08

Tgt Ion:	82	Resp:	734434
Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	61.0
54	65.2	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: 34.15 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.34 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019

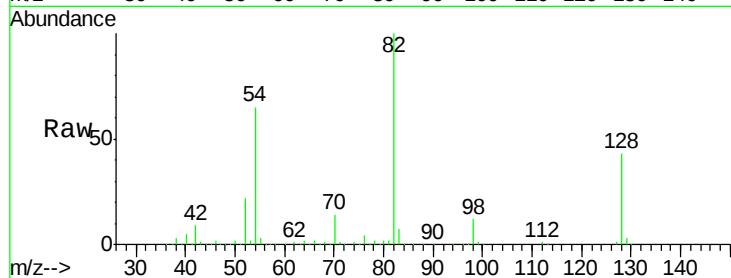
Tgt Ion: 82 Resp: 719001

Ion Ratio Lower Upper

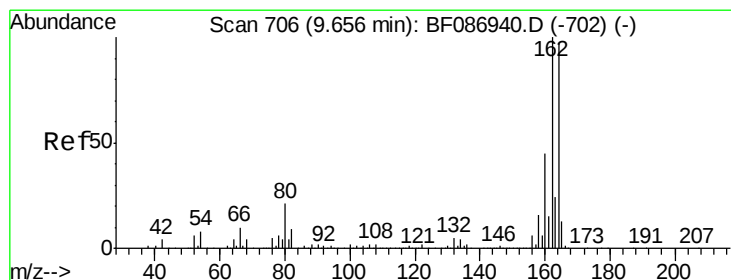
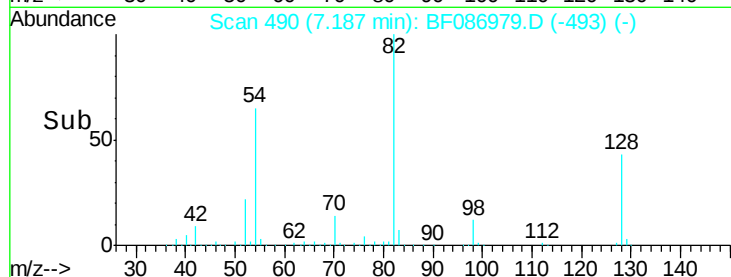
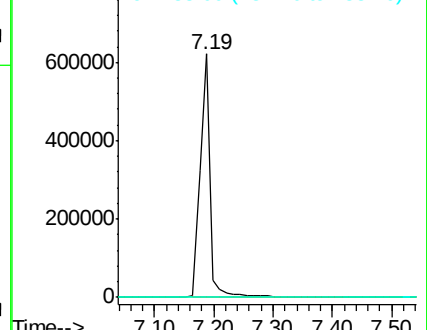
82 100

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: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.09 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

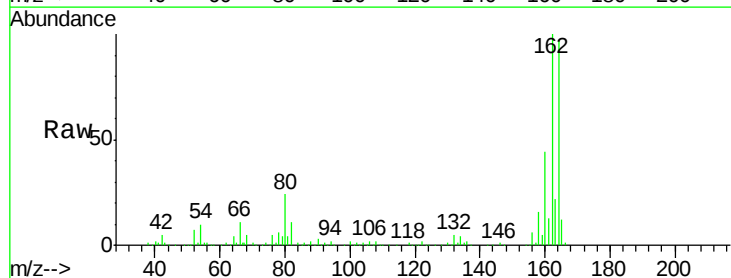
Tgt Ion: 164 Resp: 281094

Ion Ratio Lower Upper

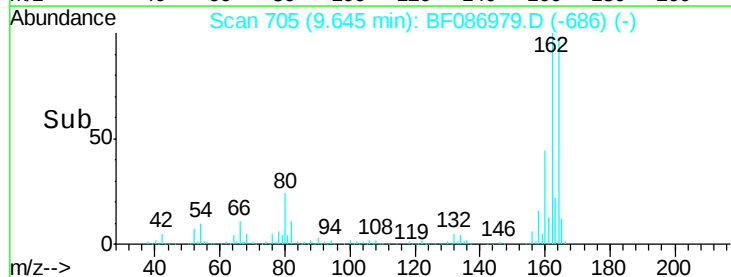
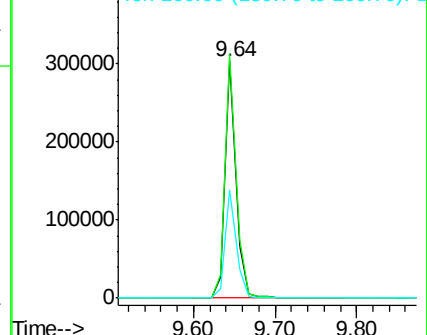
164 100

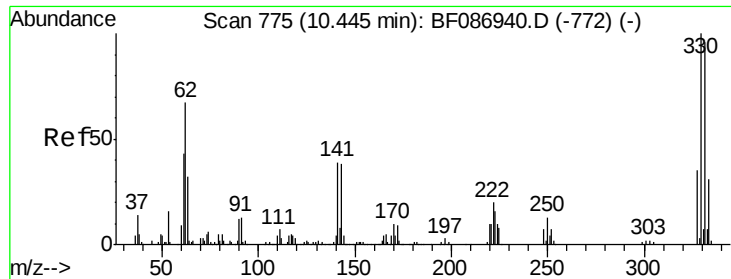
162 102.7 82.8 124.2

160 45.4 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

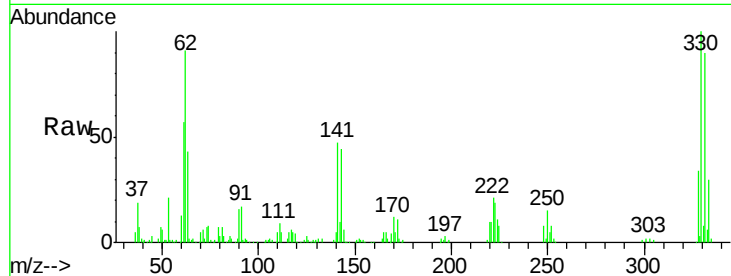




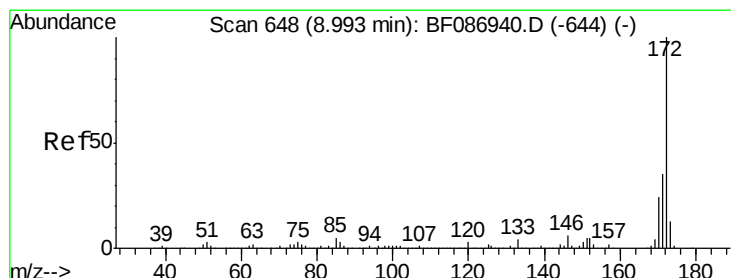
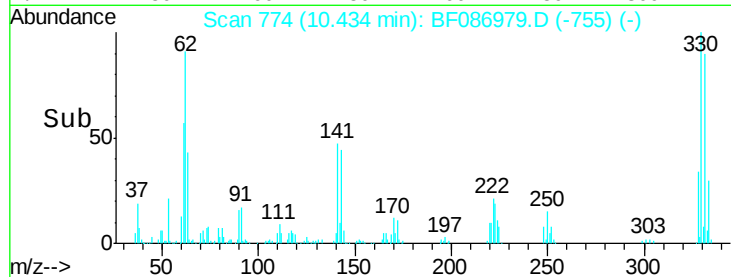
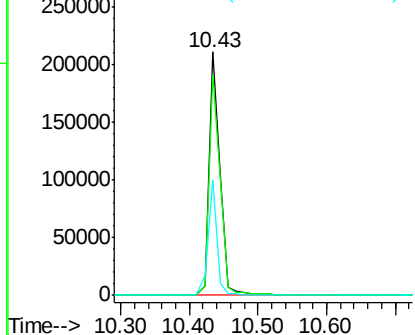
#41
 2,4,6-Tribromophenol
 Concen: 79.19 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.09 min
 Lab File: BF086979.D
 Acq: 13 May 2016 19:08

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-019

Tgt Ion:330 Resp: 235669
 Ion Ratio Lower Upper
 330 100
 332 92.8 79.0 118.4
 141 38.8 31.2 46.8

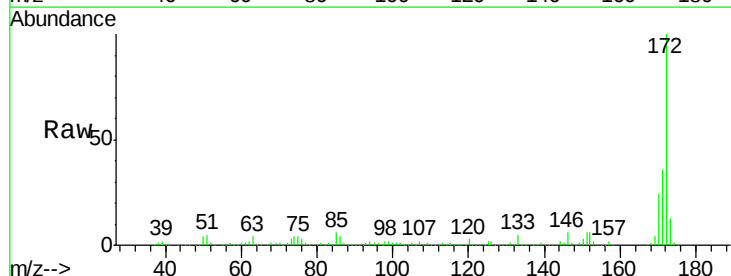


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

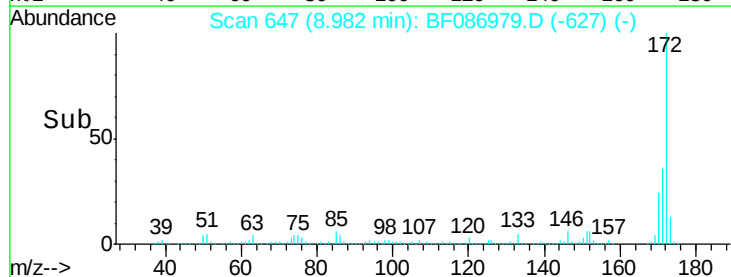
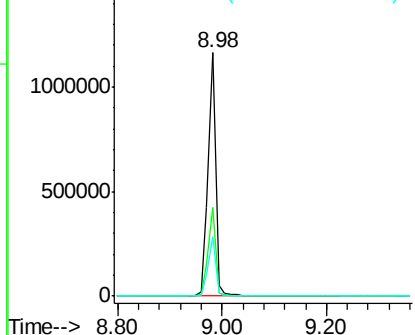


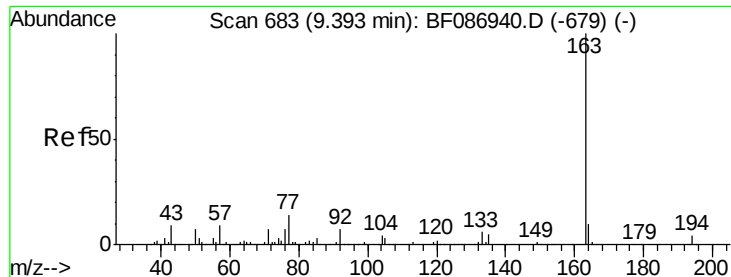
#44
 2-Fluorobiphenyl
 Concen: 70.30 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF086979.D
 Acq: 13 May 2016 19:08

Tgt Ion:172 Resp: 1175806
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.1 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

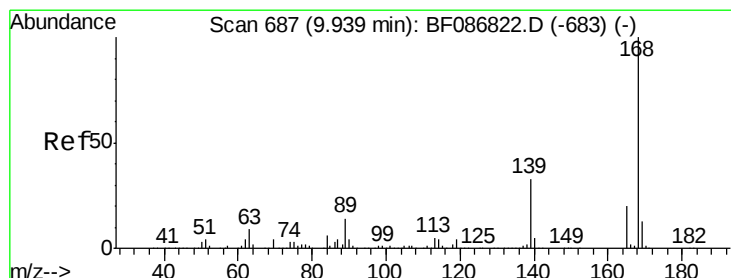
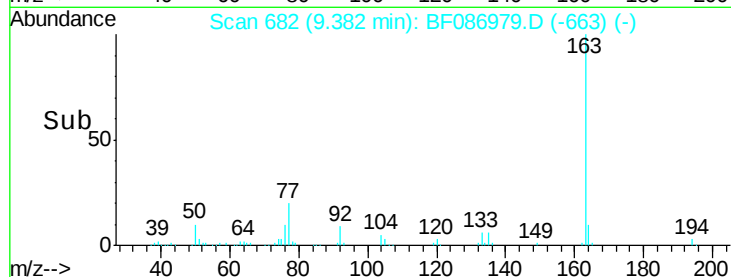
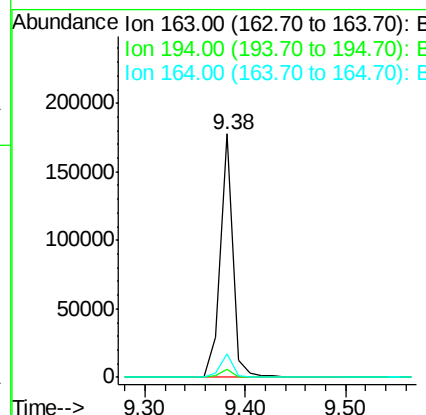
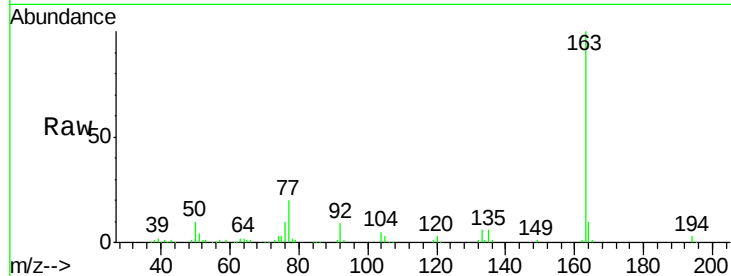




#49
Dimethylphthalate
Concen: 7.24 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.09 min
Lab File: BF086979.D
Acq: 13 May 2016 19:08

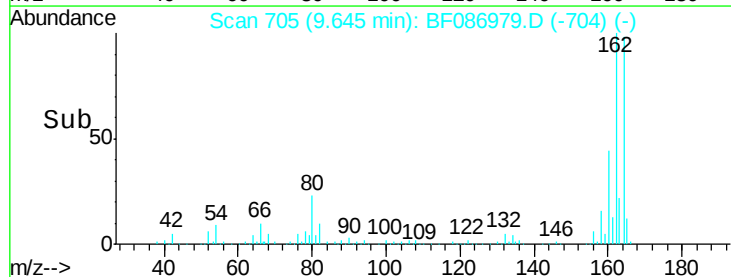
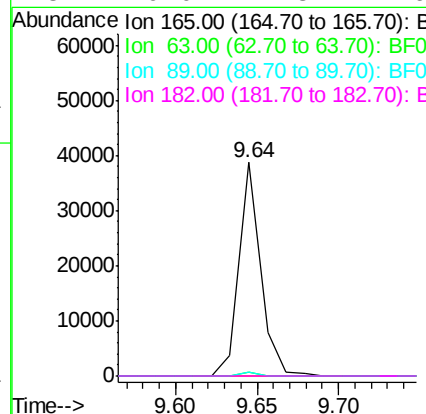
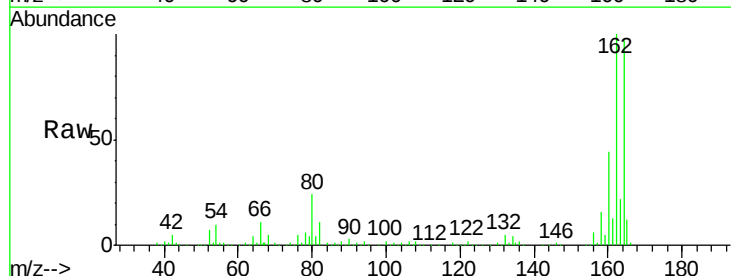
Instrument :
BNA_F
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WELDON-WC-SC-019

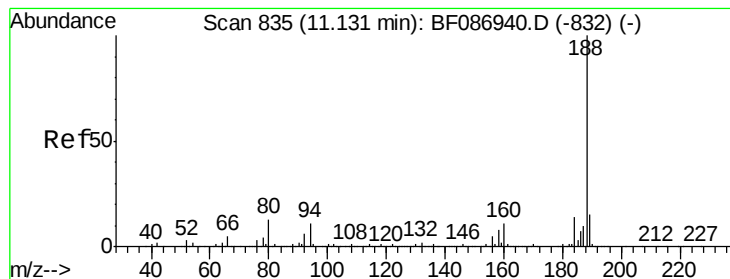
Tgt Ion:163 Resp: 155303
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.6 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.29 min
Lab File: BF086979.D
Acq: 13 May 2016 19:08

Tgt Ion:165 Resp: 35292
Ion Ratio Lower Upper
165 100
63 1.8 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. -0.09 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019

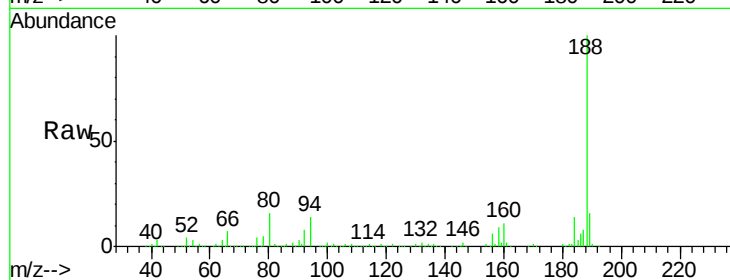
Tgt Ion:188 Resp: 541005

Ion Ratio Lower Upper

188 100

94 14.2 6.8 10.2#

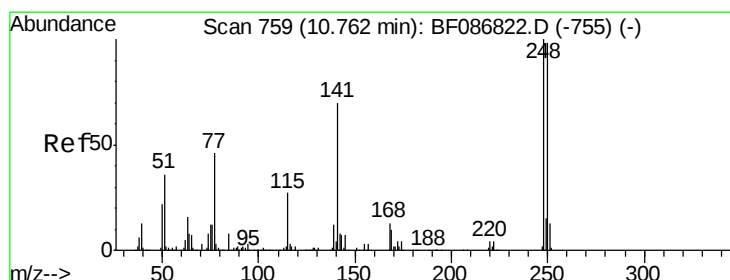
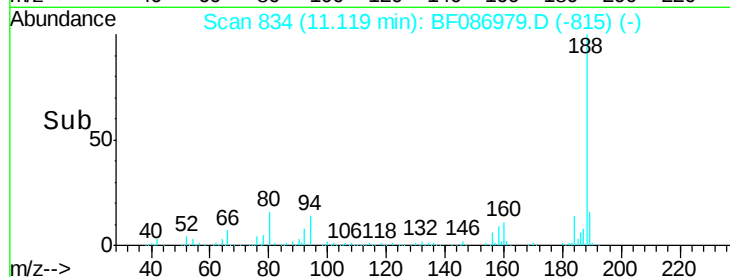
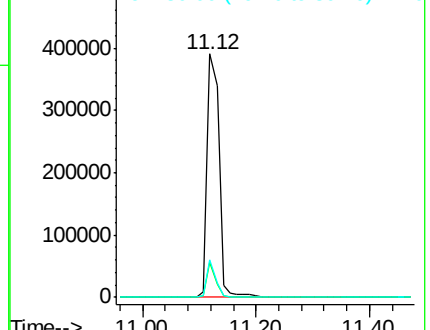
80 15.7 7.1 10.7#



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: 2.64 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.33 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

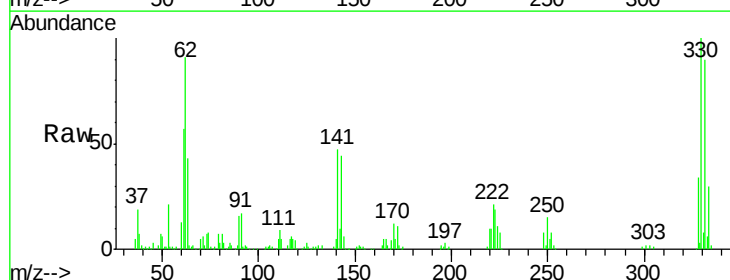
Tgt Ion:248 Resp: 14494

Ion Ratio Lower Upper

248 100

250 196.9 78.6 117.8#

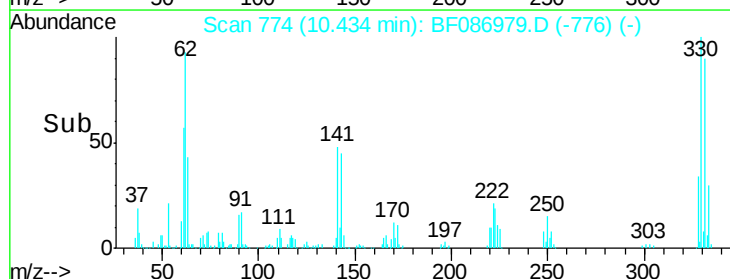
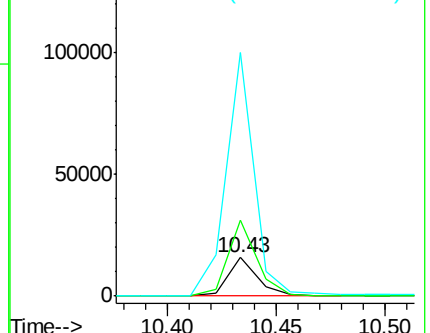
141 630.6 76.0 114.0#

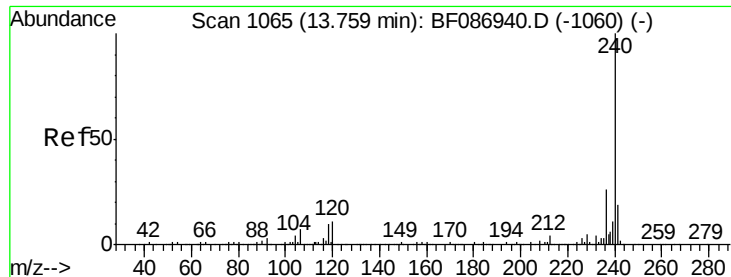


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF086979.D

Acq: 13 May 2016 19:08

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-019

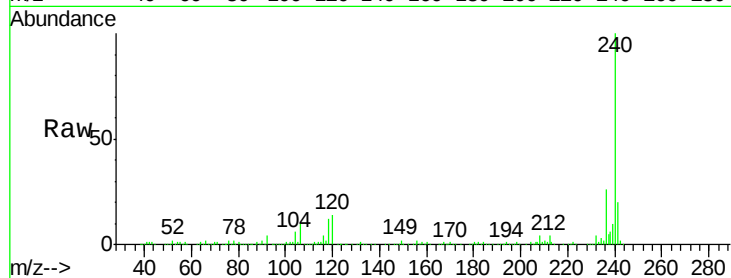
Tgt Ion:240 Resp: 478281

Ion Ratio Lower Upper

240 100

120 13.9 11.2 16.8

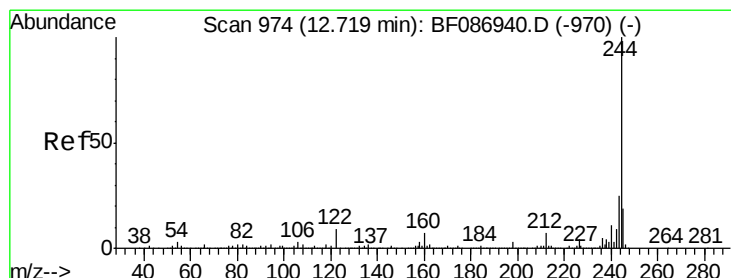
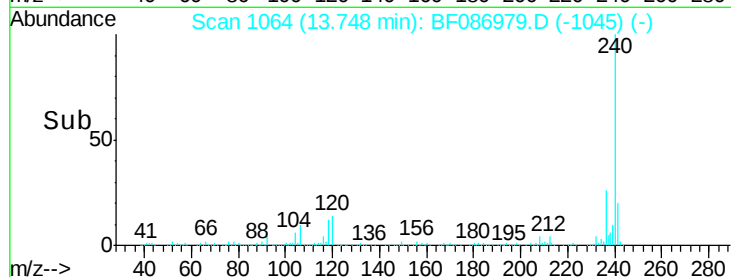
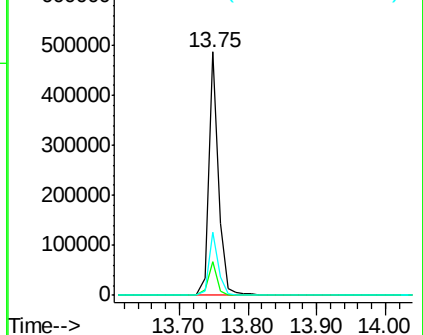
236 26.2 21.2 31.8



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: 45.76 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF086979.D

Acq: 13 May 2016 19:08

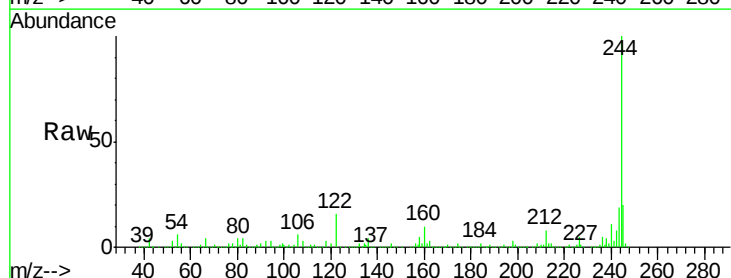
Tgt Ion:244 Resp: 1031439

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

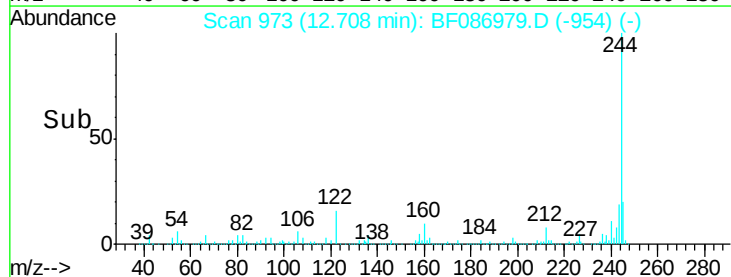
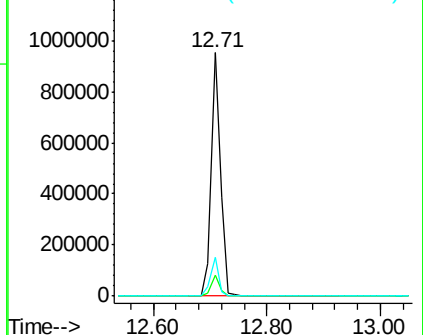
122 15.8 12.0 18.0

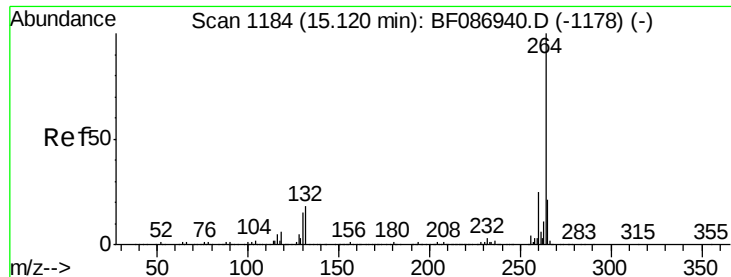


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086979.D
Acq: 13 May 2016 19:08

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-019

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.5	17.3	25.9

