

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081354.D
 Acq On : 2 Sep 2015 18:07
 Operator : UM/IZ
 Sample : G3501-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-LH-I-5-001

Quant Time: Sep 02 23:04:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

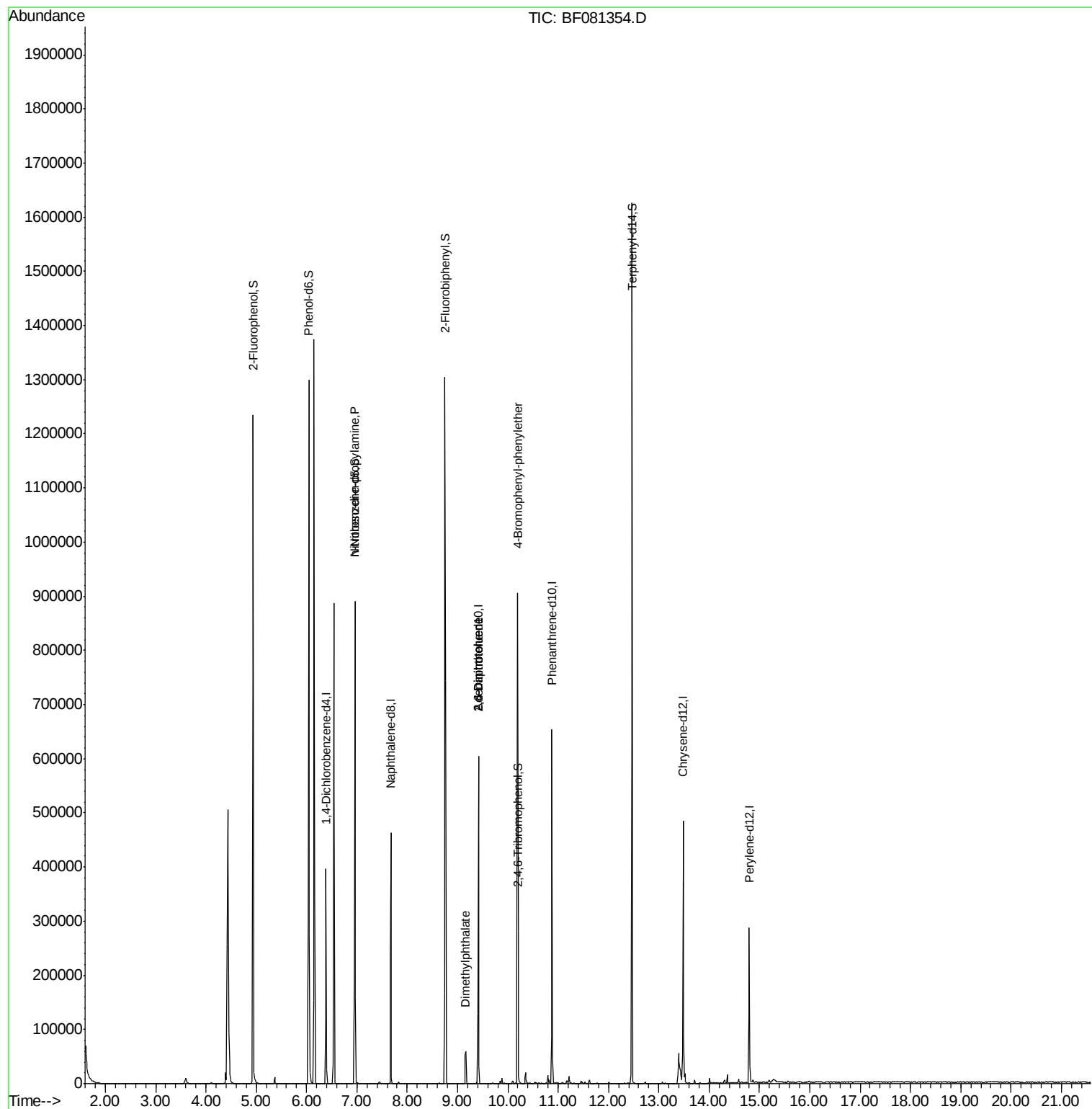
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60565	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	234553	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	114356	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	221401	20.00	ng	0.00
75) Chrysene-d12	13.49	240	162921	20.00	ng	-0.01
86) Perylene-d12	14.80	264	119205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	372853	95.52	ng	0.01
7) Phenol-d6	6.04	99	439378	85.03	ng	-0.01
23) Nitrobenzene-d5	6.96	82	287468	59.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	89156	87.56	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	517999	58.05	ng	-0.01
78) Terphenyl-d14	12.47	244	520021	74.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	37854	10.76	ng	# 65
49) Dimethylphthalate	9.16	163	35002	3.94	ng	# 96
50) 2,6-Dinitrotoluene	9.42	165	14850	7.36	ng	# 37
56) 2,4-Dinitrotoluene	9.42	165	14850	5.78	ng	# 31
66) 4-Bromophenyl-phenylether	10.19	248	6279	2.80	ng	# 1

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

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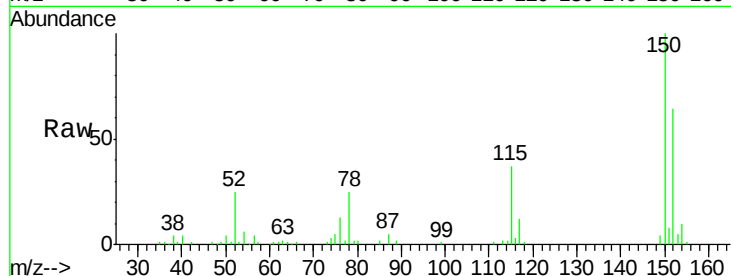


#1

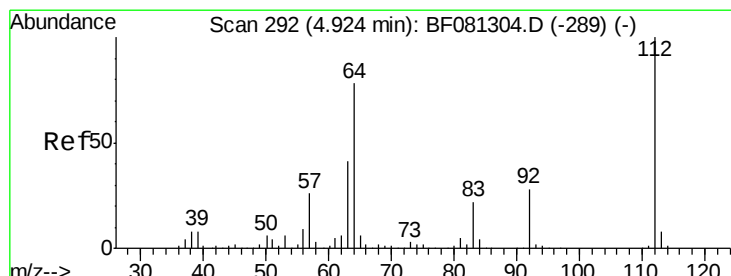
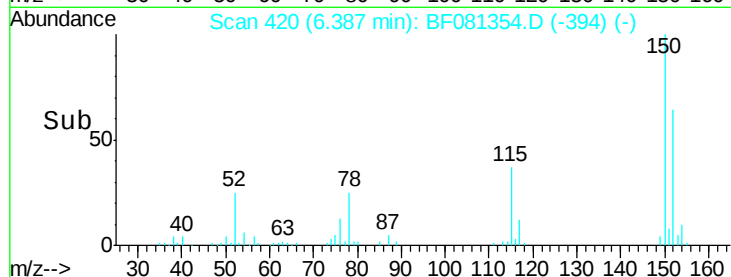
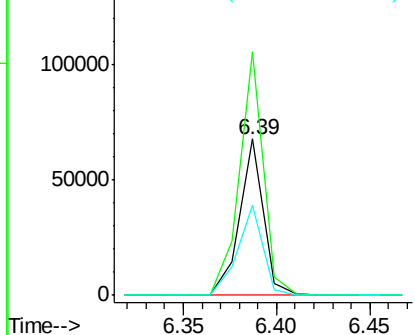
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF081354.D
Acq: 2 Sep 2015 18:07

Instrument :
BNA_F
ClientSampleId :
WELDON-LH-I-5-001

Tot Ion:152 Resp: 60565
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 57.6 39.0 58.4



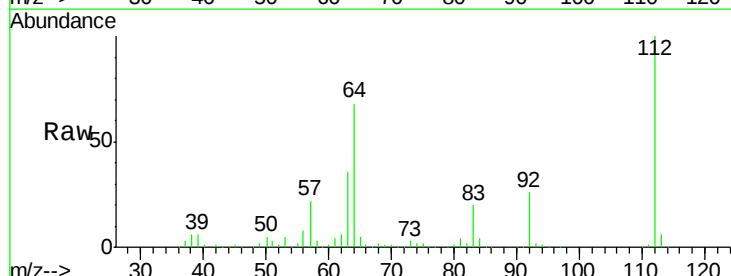
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



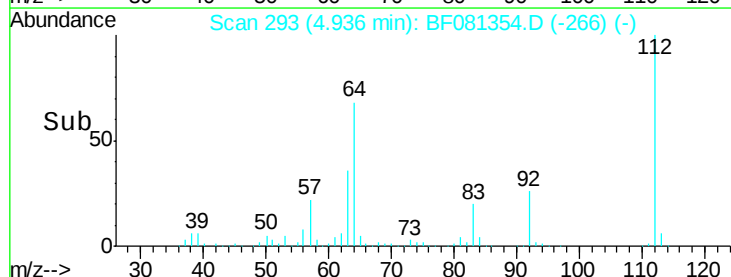
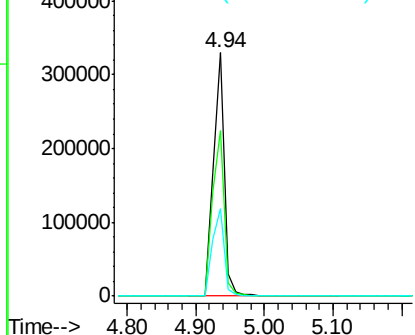
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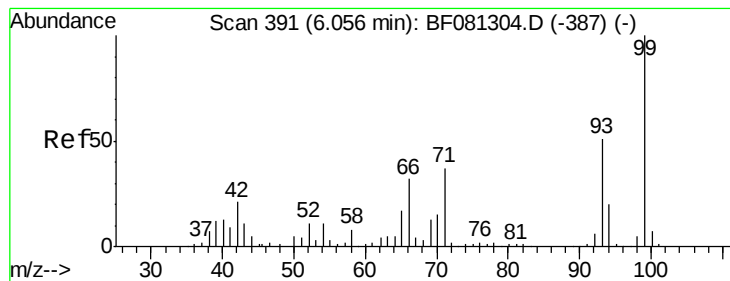
2-Fluorophenol
Concen: 95.52 ng
RT: 4.94 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF081354.D
Acq: 2 Sep 2015 18:07

Tgt Ion:112 Resp: 372853
Ion Ratio Lower Upper
112 100
64 67.9 39.7 59.5#
63 36.1 17.4 26.0#



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: 85.03 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

WELDON-LH-I-5-001

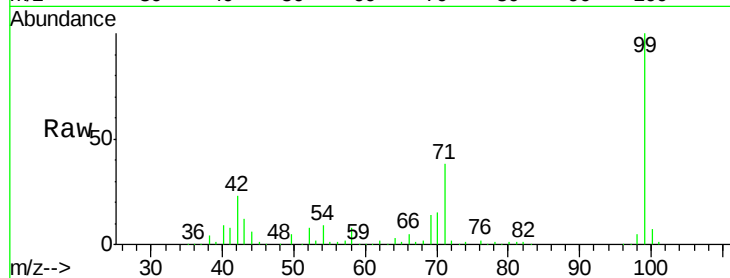
Tot Ion: 99 Resp: 439378

Ion Ratio Lower Upper

99 100

42 23.0 13.7 20.5#

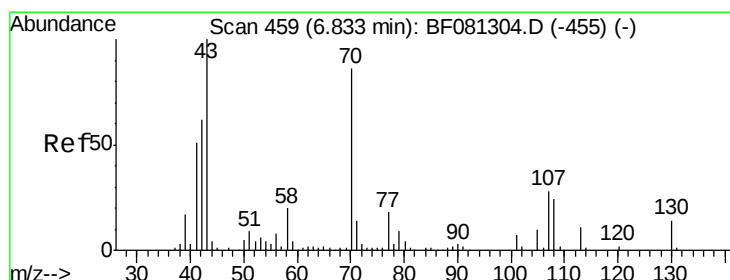
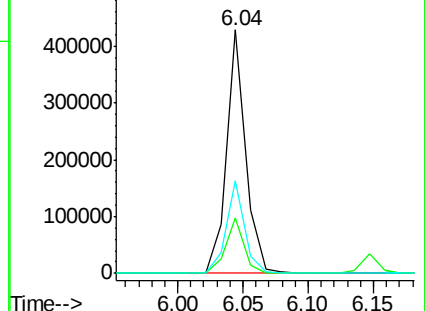
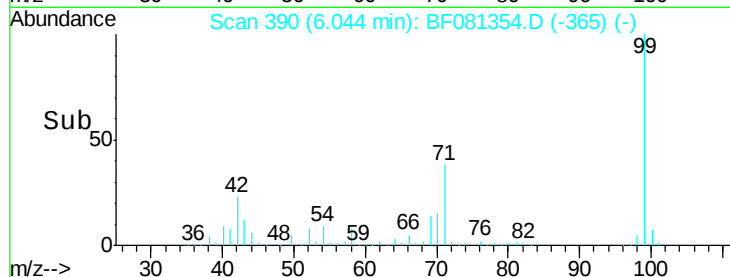
71 37.9 14.2 21.2#



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: 10.76 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

Tgt Ion: 70 Resp: 37854

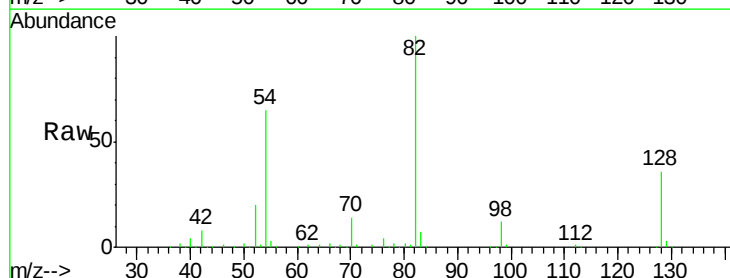
Ion Ratio Lower Upper

70 100

42 55.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

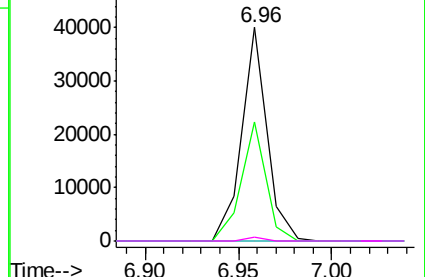
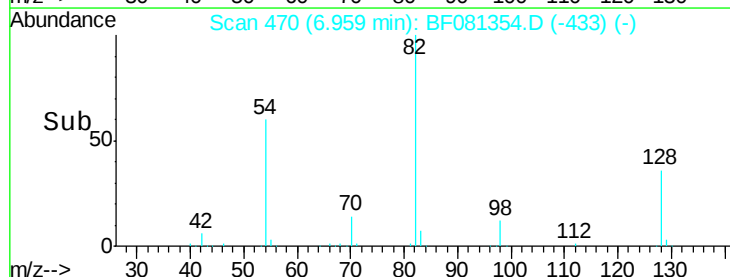


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

WELDON-LH-I-5-001

Tot Ion:136 Resp: 234553

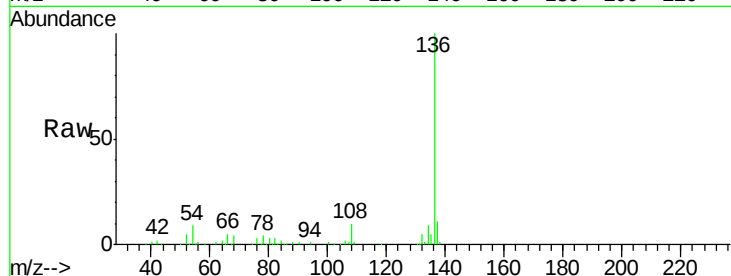
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 9.1 8.2 12.2

68 4.2 5.8 8.6#

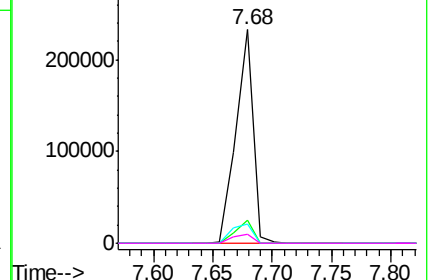
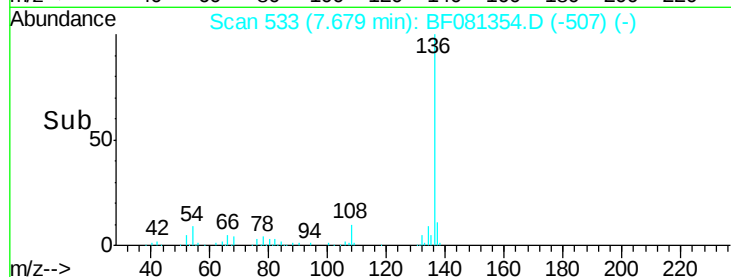


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.13 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

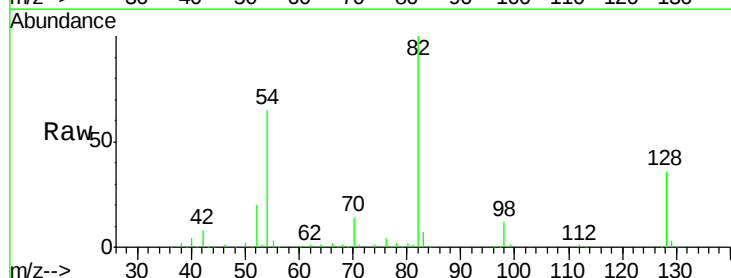
Tgt Ion: 82 Resp: 287468

Ion Ratio Lower Upper

82 100

128 36.4 51.0 76.6#

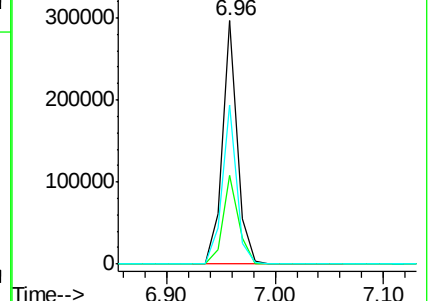
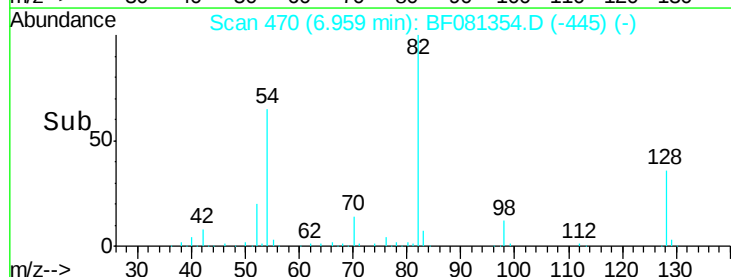
54 65.3 47.5 71.3

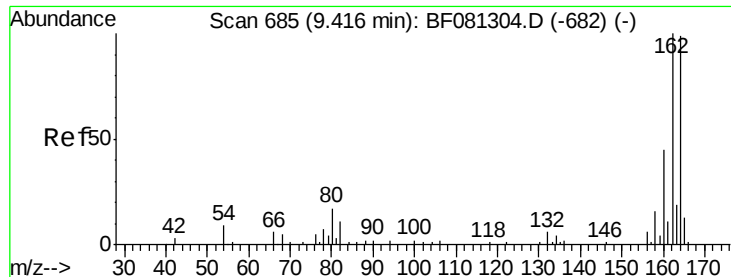


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

Instrument :

BNA_F

ClientSampleId :

WELDON-LH-I-5-001

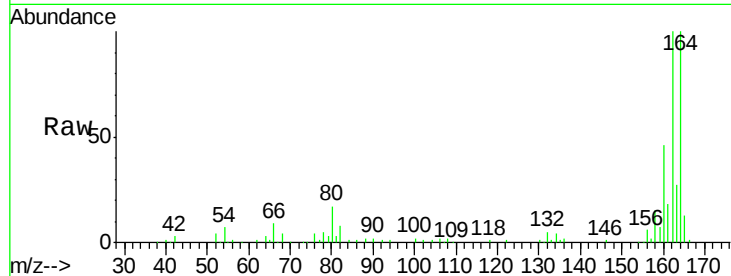
Tot Ion:164 Resp: 114356

Ion Ratio Lower Upper

164 100

162 100.1 75.2 112.8

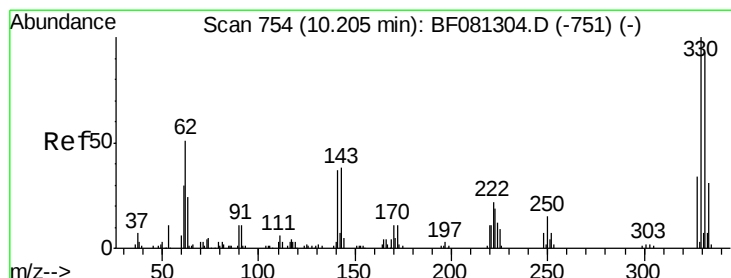
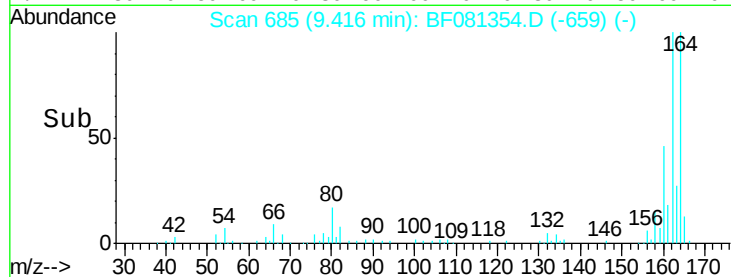
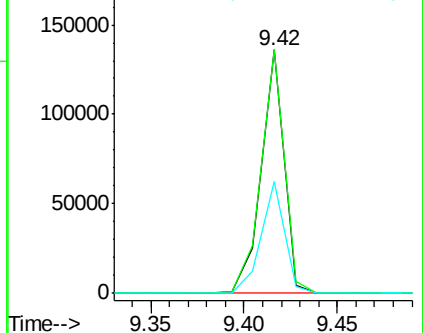
160 45.8 31.5 47.3



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: 87.56 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF081354.D

Acq: 2 Sep 2015 18:07

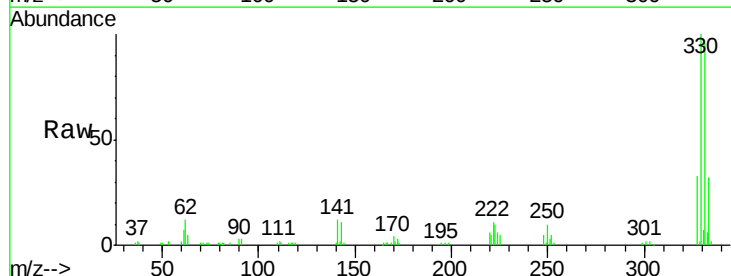
Tgt Ion:330 Resp: 89156

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

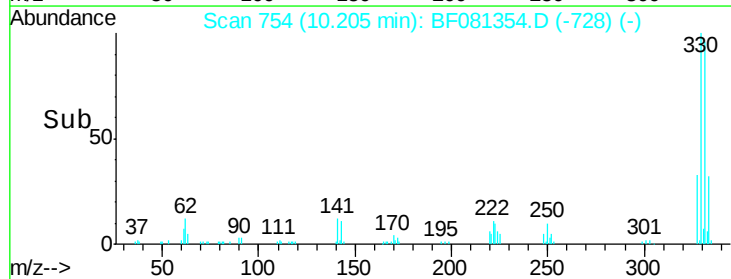
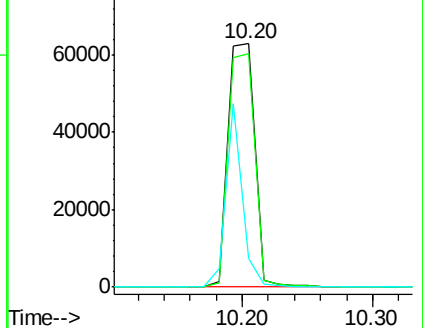
141 46.6 29.7 44.5#



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

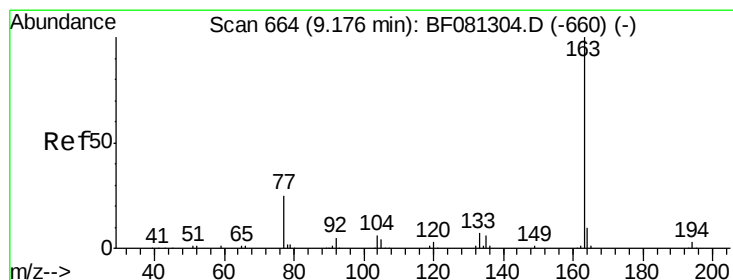
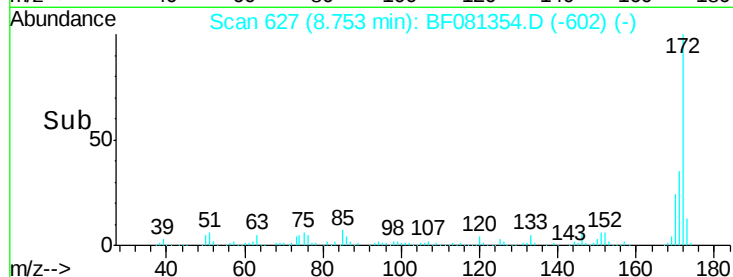
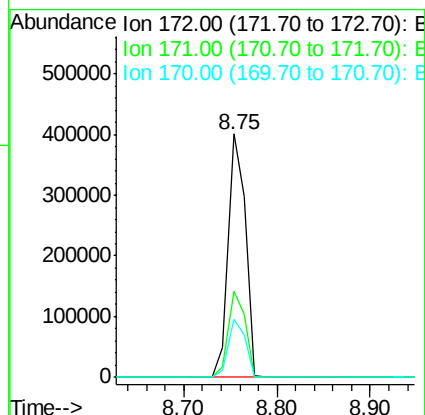
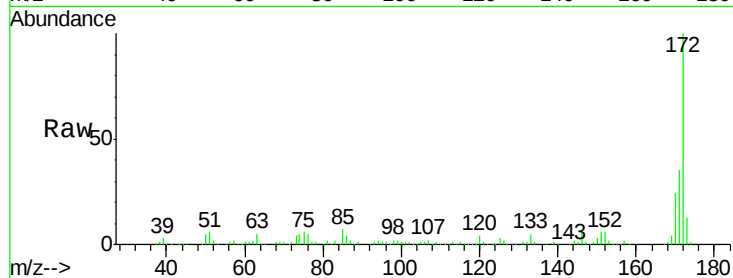




#44
2-Fluorobiphenyl
Concen: 58.05 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081354.D
Acq: 2 Sep 2015 18:07

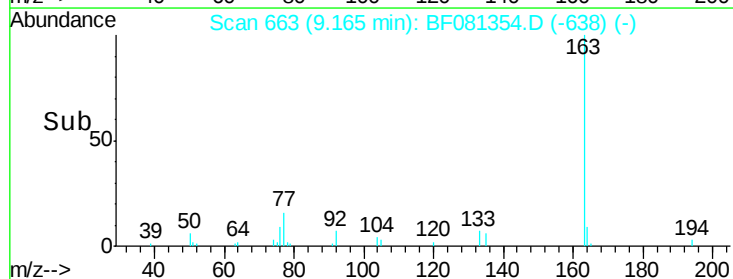
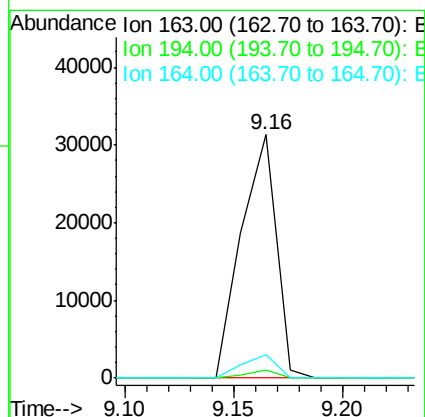
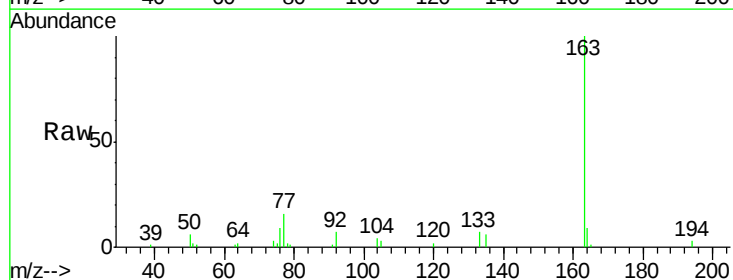
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BNA_F
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WELDON-LH-I-5-001

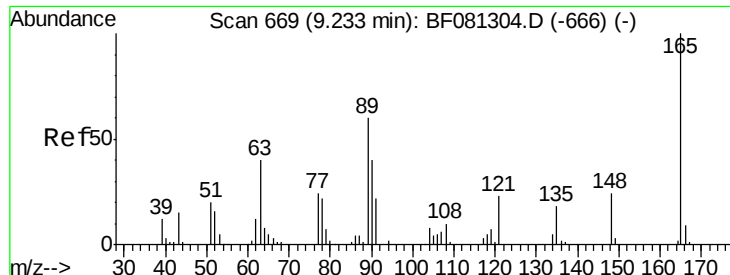
Tot Ion:172 Resp: 517999
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 23.7 17.4 26.2



#49
Dimethylphthalate
Concen: 3.94 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081354.D
Acq: 2 Sep 2015 18:07

Tgt Ion:163 Resp: 35002
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.5 8.3 12.5

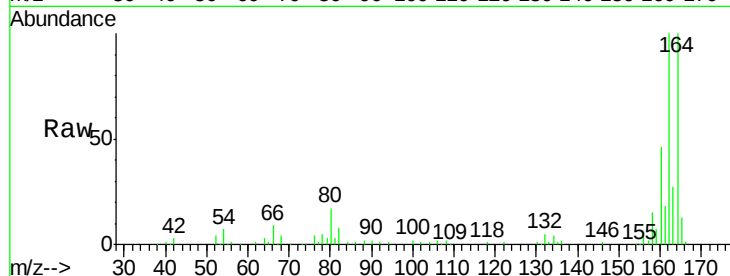




#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.18 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-LH-I-5-001

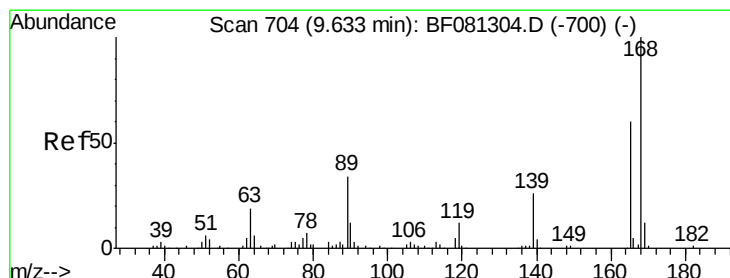
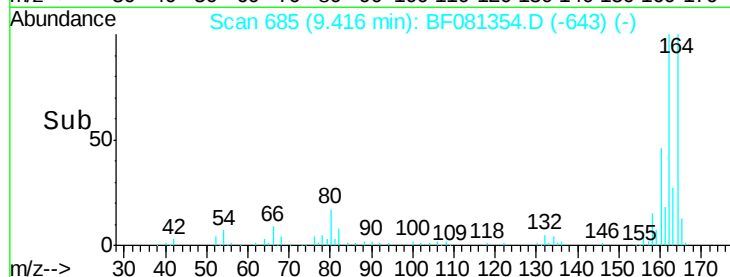
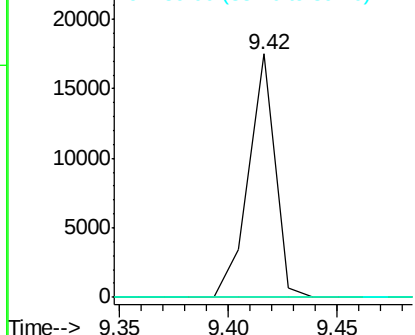
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

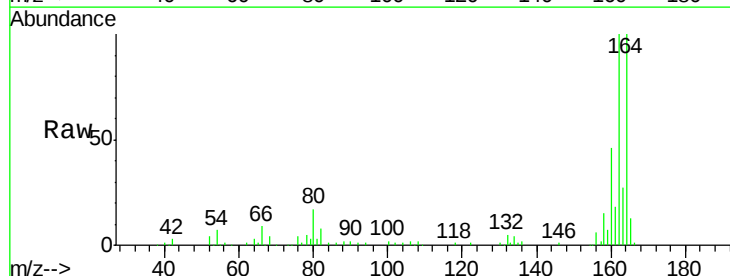
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

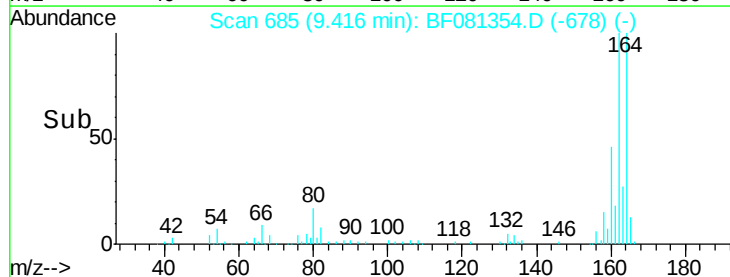
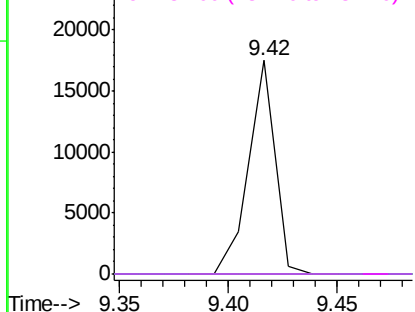


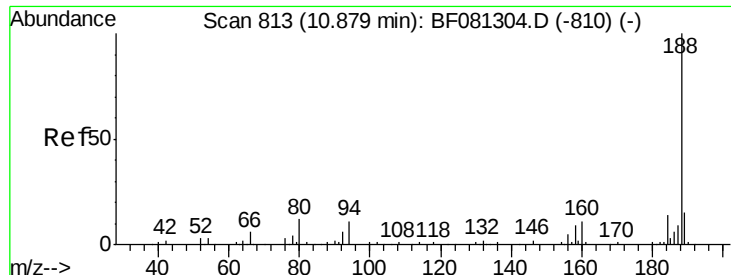
Abundance Ion 165.00 (164.70 to 165.70): E

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

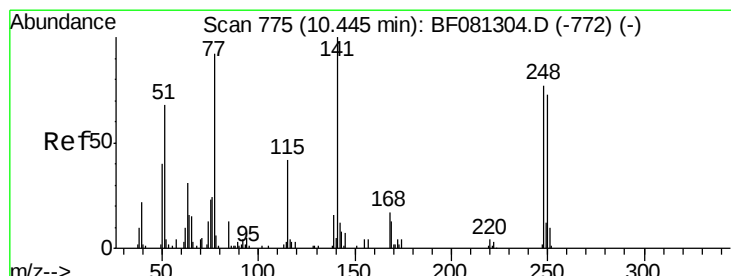
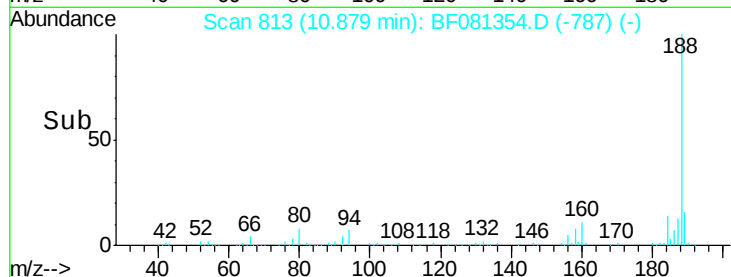
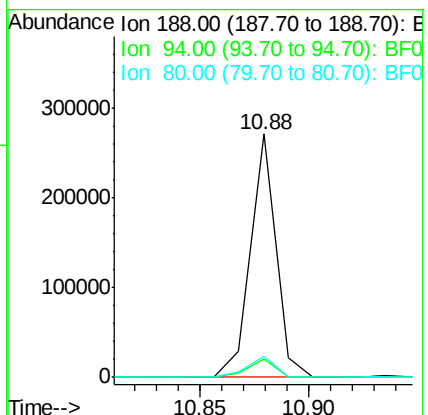
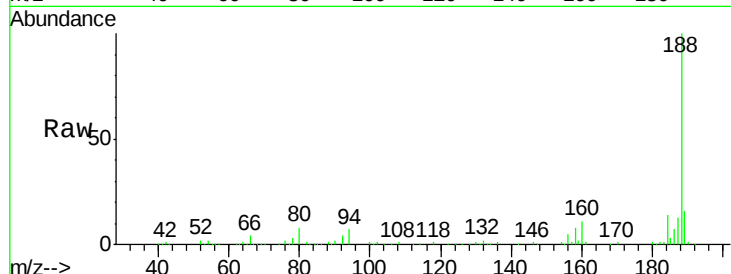




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

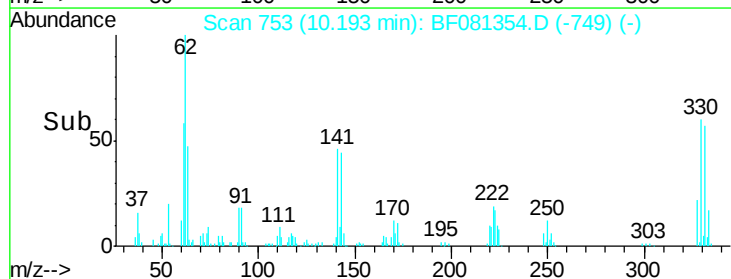
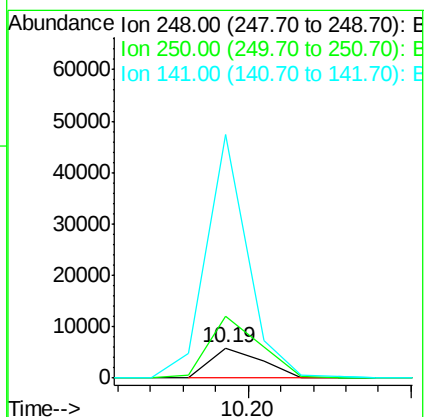
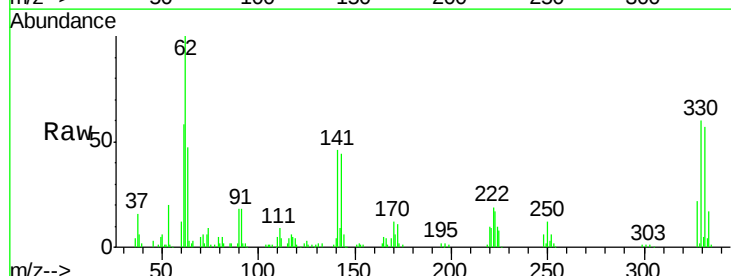
Instrument :
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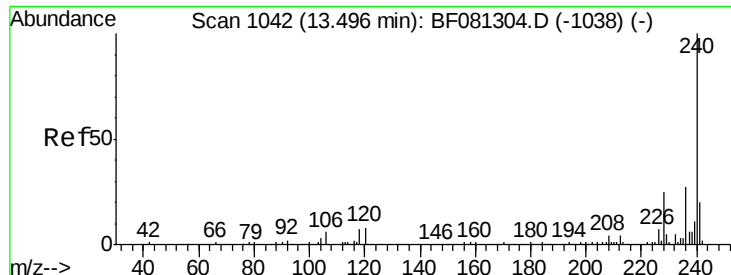
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	8.4	11.0	16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.25 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.4	78.5	117.7#
141	800.7	59.0	88.6#

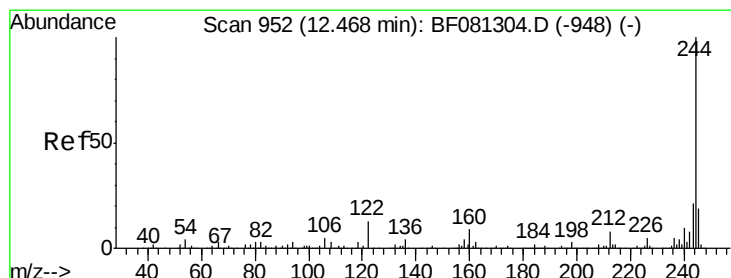
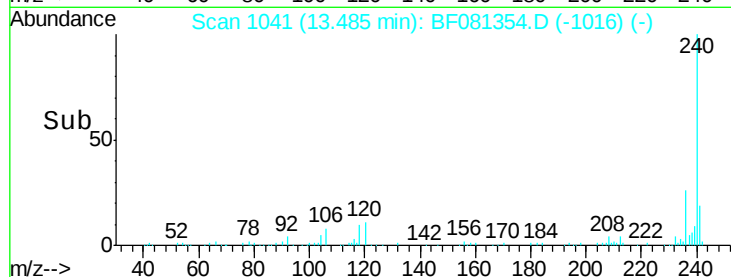
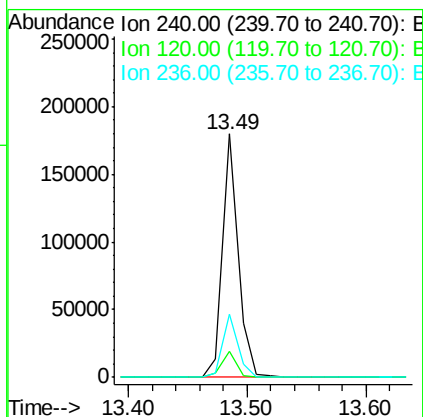
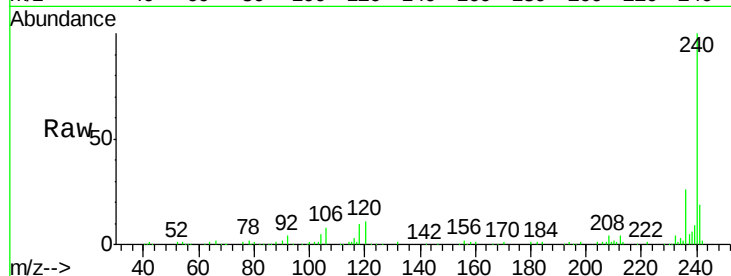




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

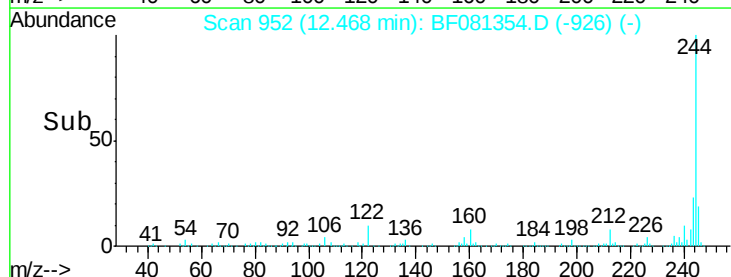
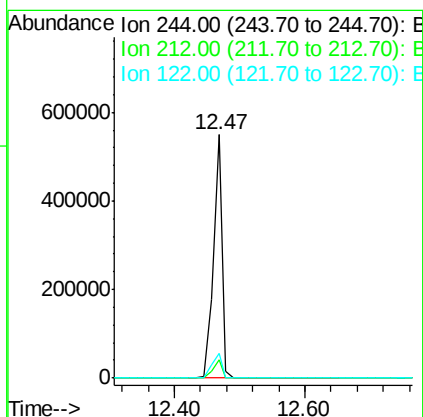
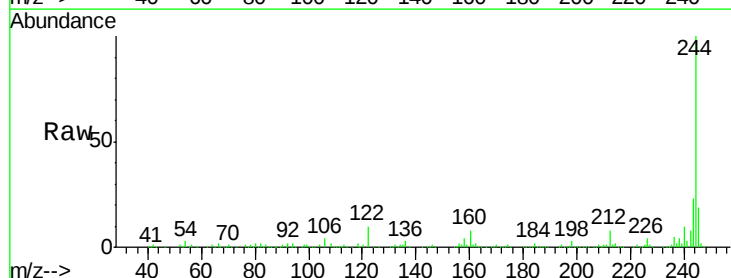
Instrument :
 BNA_F
 ClientSampleId :
 WELDON-LH-I-5-001

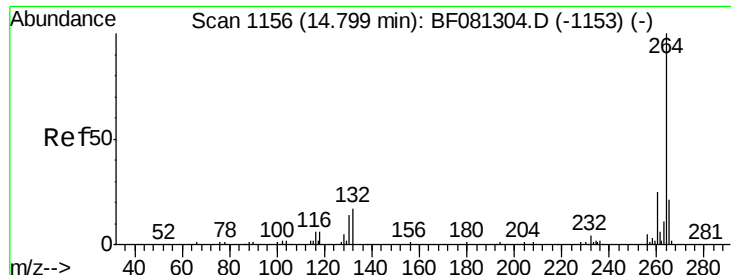
Tot Ion:240 Resp: 162921
 Ion Ratio Lower Upper
 240 100
 120 10.8 16.2 24.2#
 236 25.7 18.4 27.6



#78
 Terphenyl-d14
 Concen: 74.30 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF081354.D
 Acq: 2 Sep 2015 18:07

Tgt Ion:244 Resp: 520021
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 9.9 17.4 26.2#

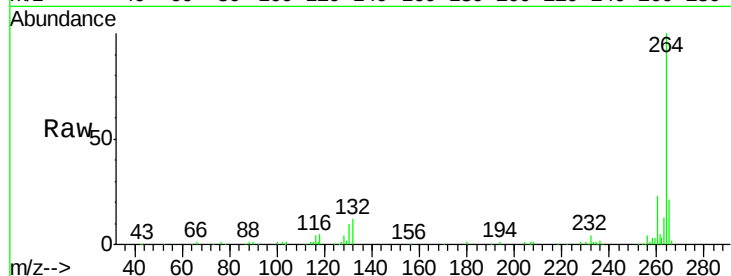




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF081354.D
Acq: 2 Sep 2015 18:07

Instrument :
BNA_F
ClientSampleId :
WELDON-LH-I-5-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.3	17.2	25.8



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

