

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020216\
 Data File : BF084756.D
 Acq On : 2 Feb 2016 20:04
 Operator : SJ/IZ
 Sample : H1314-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-018

Quant Time: Feb 03 00:18:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

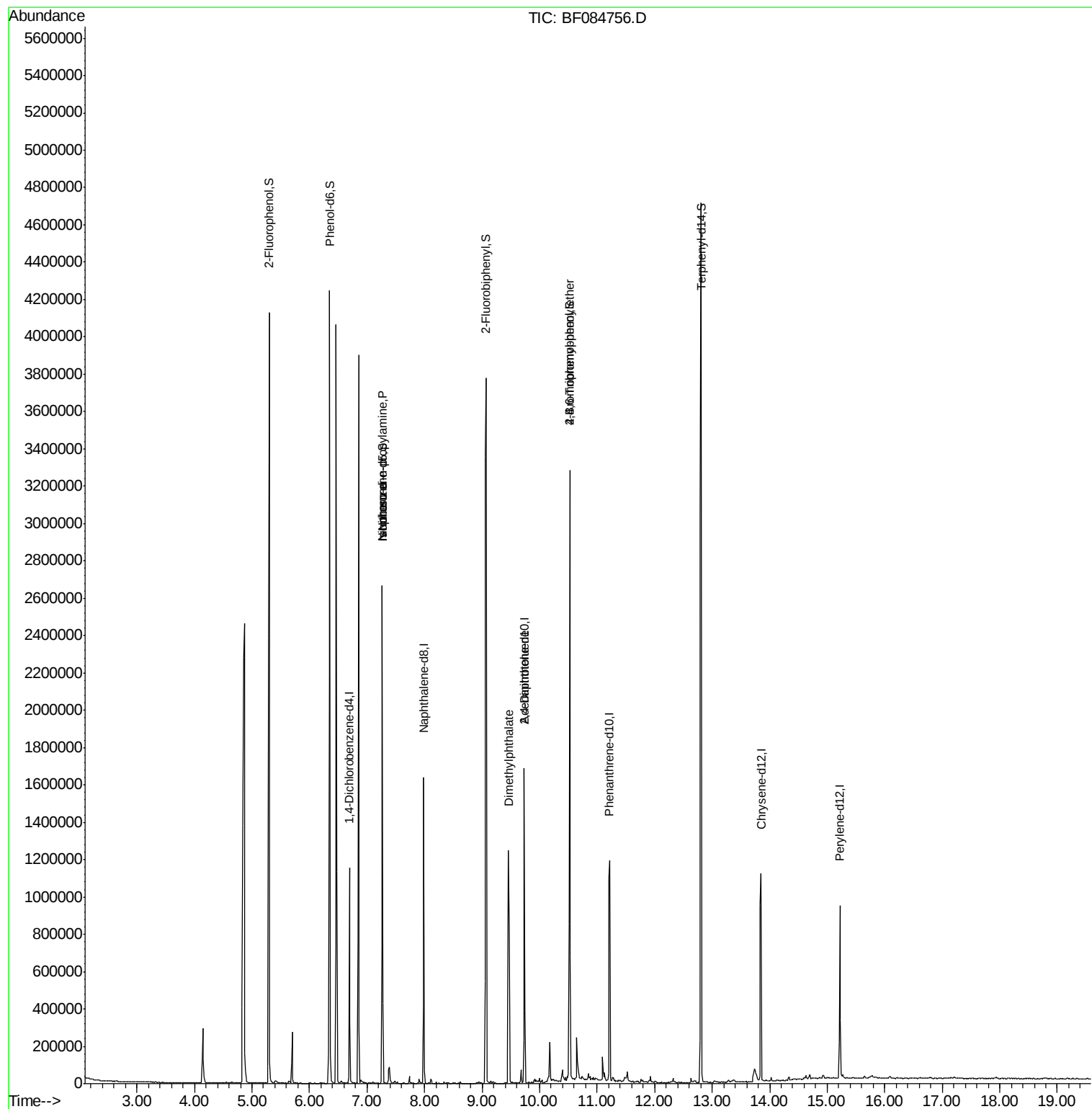
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	166897	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	719738	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	333034	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	638710	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	535905	20.00	ng	-0.02
86) Perylene-d12	15.22	264	375335	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1298860	121.22	ng	-0.01
7) Phenol-d6	6.35	99	1546656	116.43	ng	-0.02
23) Nitrobenzene-d5	7.26	82	886811	69.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	398556	114.73	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	1786866	93.49	ng	-0.02
78) Terphenyl-d14	12.81	244	1828121	77.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	120488	14.47	ng	# 71
25) Isophorone	7.26	82	712440	28.68	ng	# 66
49) Dimethylphthalate	9.46	163	689911	27.20	ng	# 89
56) 2,4-Dinitrotoluene	9.73	165	43139	6.10	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	24859	3.52	ng	# 1

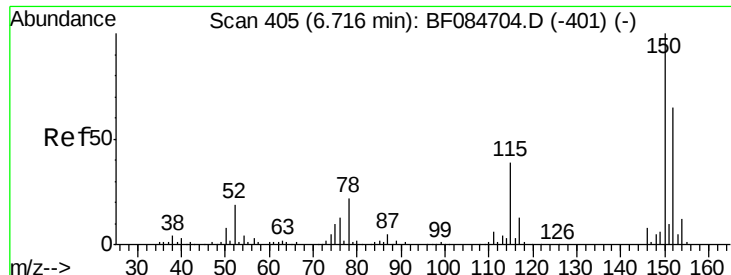
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-018

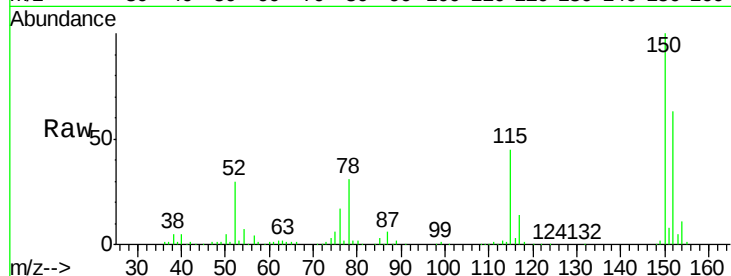
Tgt Ion:152 Resp: 166897

Ion Ratio Lower Upper

152 100

150 159.2 123.0 184.4

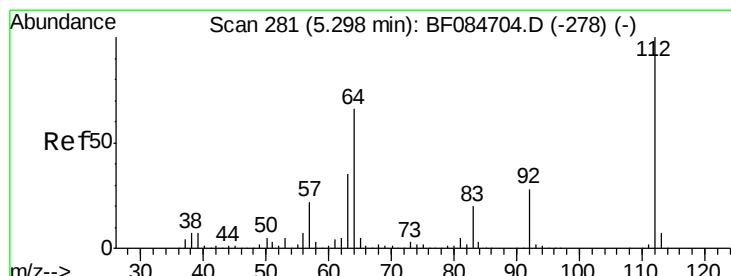
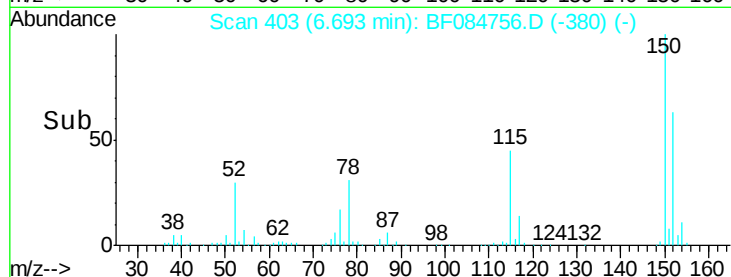
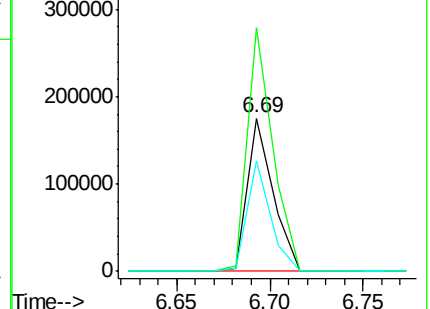
115 71.9 51.4 77.2



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: 121.22 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

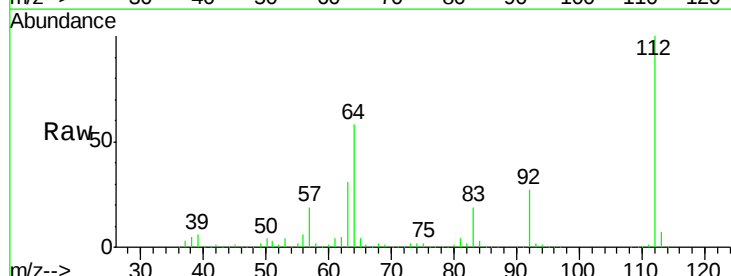
Tgt Ion:112 Resp: 1298860

Ion Ratio Lower Upper

112 100

64 58.2 36.6 55.0#

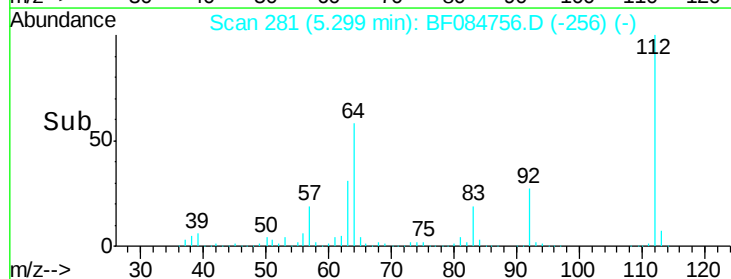
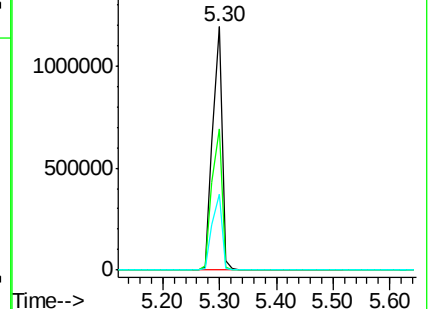
63 31.0 19.4 29.0#

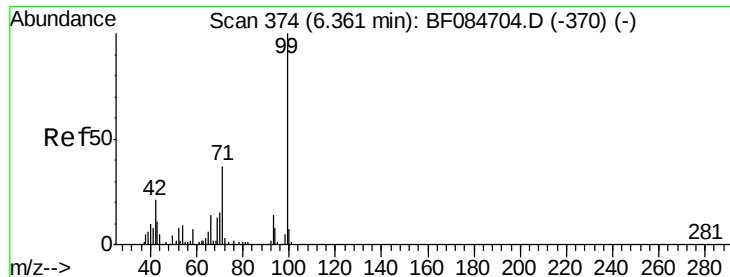


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.43 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

Instrument :

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ClientSampleId :

WELDON-WC-SC-018

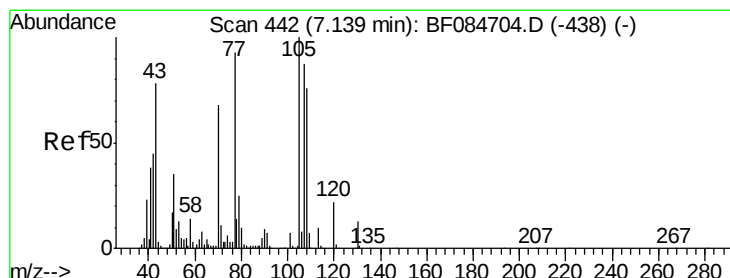
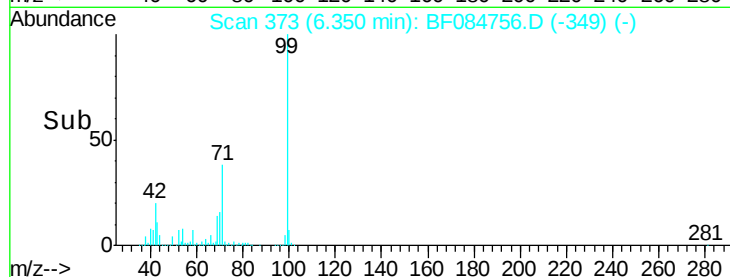
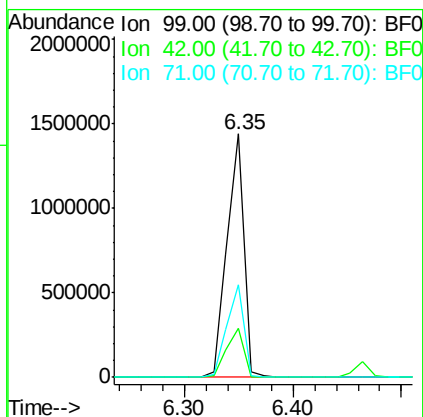
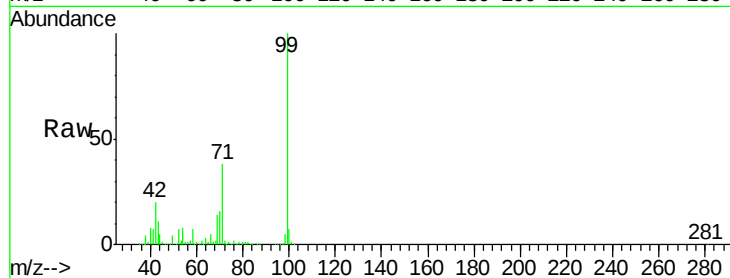
Tgt Ion: 99 Resp: 1546656

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

71 38.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.47 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.11 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

Tgt Ion: 70 Resp: 120488

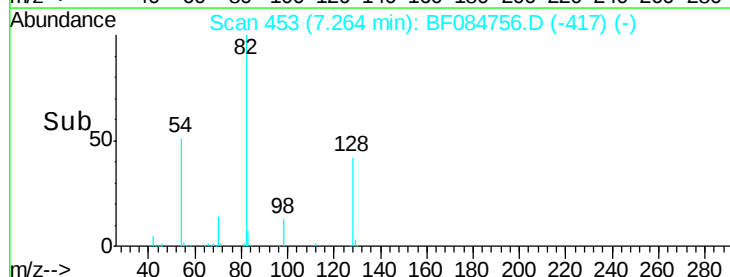
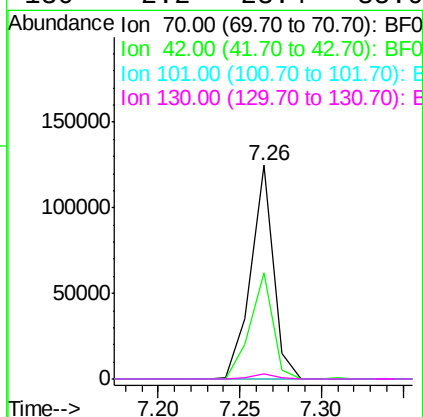
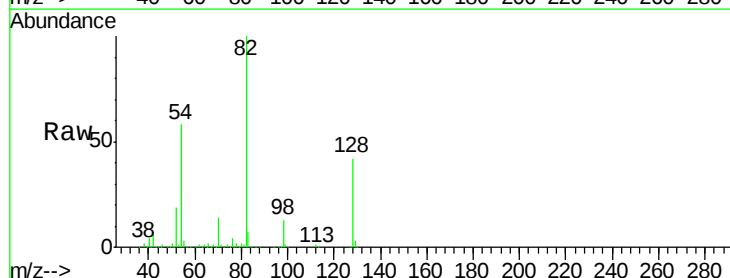
Ion Ratio Lower Upper

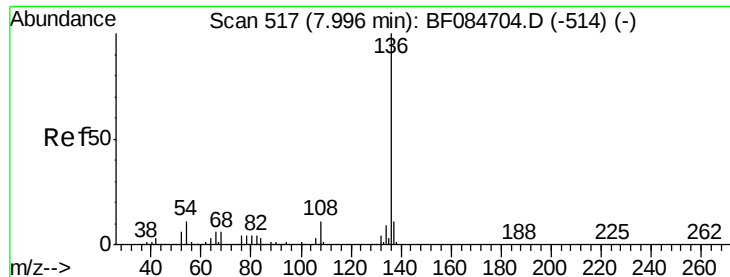
70 100

42 49.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

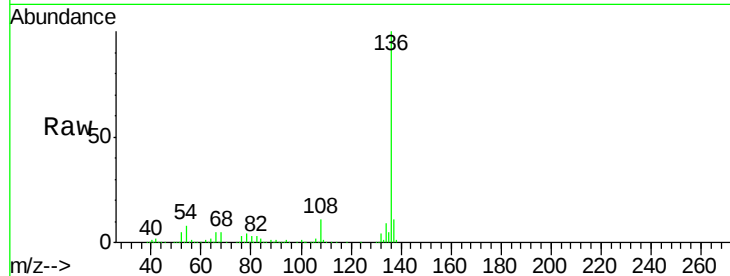




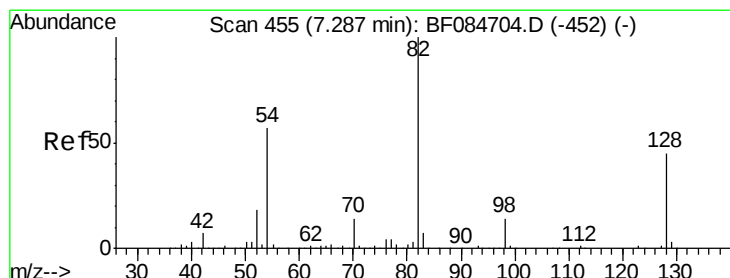
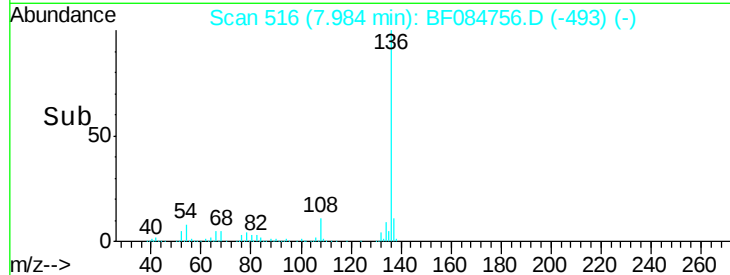
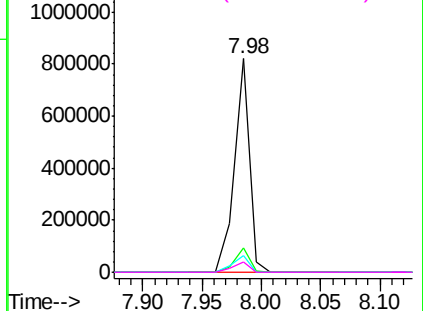
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:	136	Resp:	719738
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.7	13.1
54	8.1	5.8	8.8
68	4.7	4.2	6.2

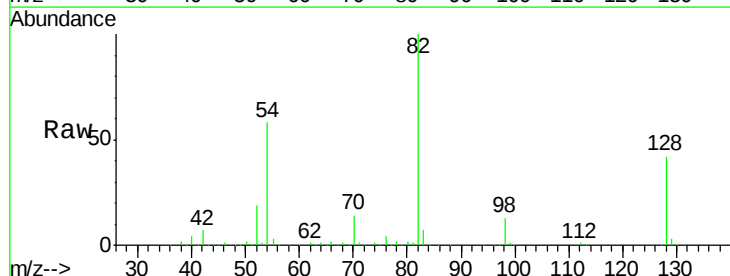


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

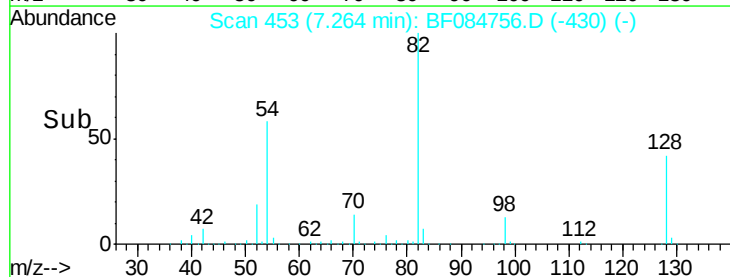
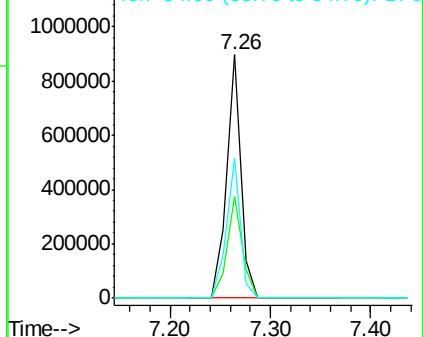


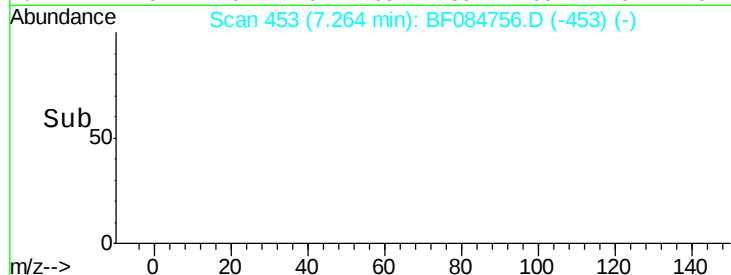
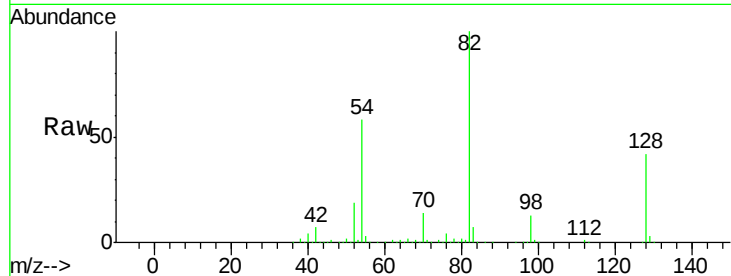
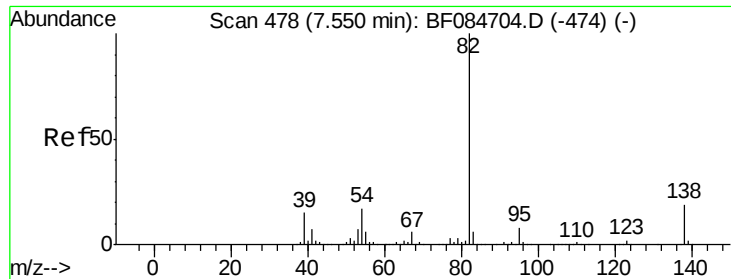
#23
Nitrobenzene-d5
Concen: 69.41 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

Tgt Ion:	82	Resp:	886811
Ion Ratio	Lower	Upper	
82	100		
128	41.6	34.6	51.8
54	57.7	38.4	57.6#



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: 28.68 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.30 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-018

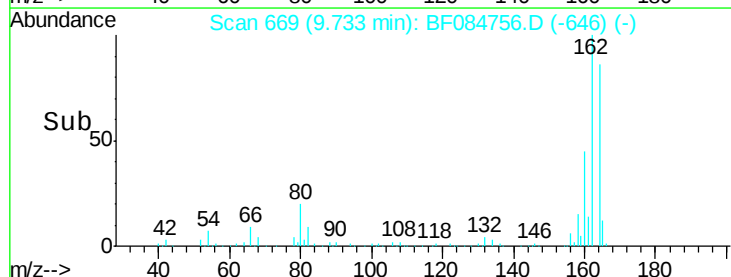
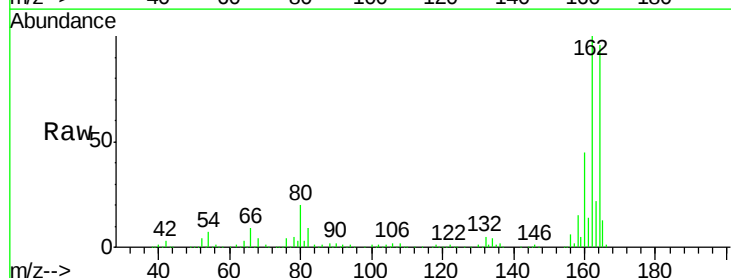
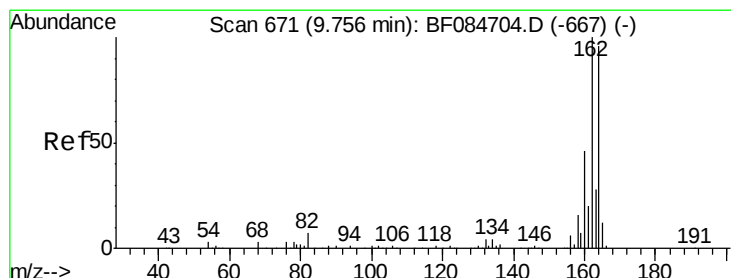
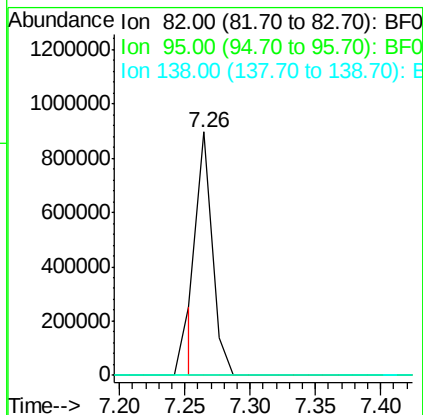
Tgt Ion: 82 Resp: 712440

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

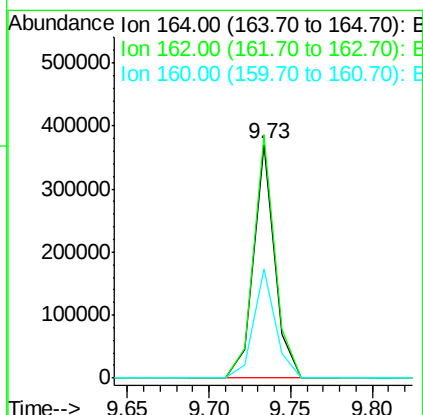
Tgt Ion: 164 Resp: 333034

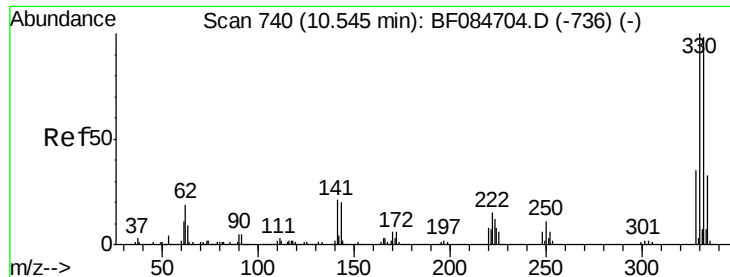
Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

160 46.8 37.5 56.3

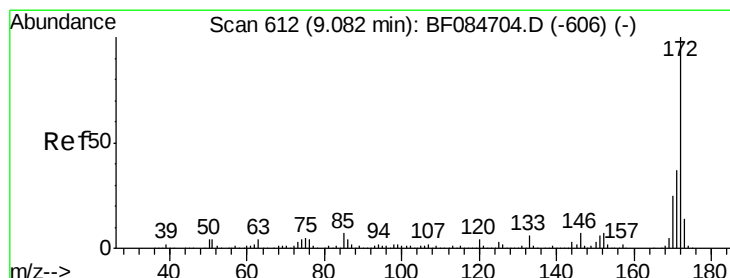
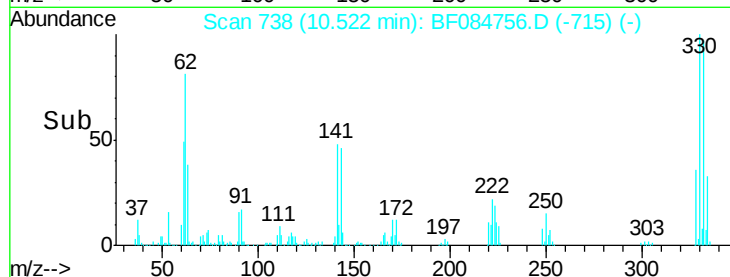
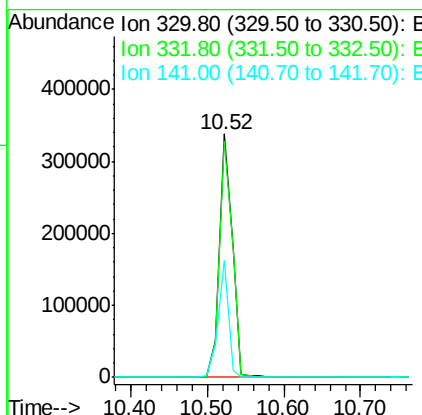
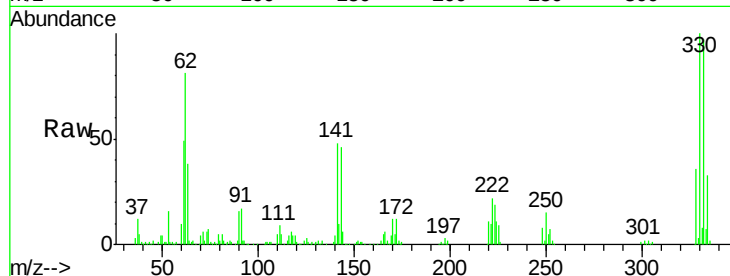




#41
 2,4,6-Tribromophenol
 Concen: 114.73 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084756.D
 Acq: 2 Feb 2016 20:04

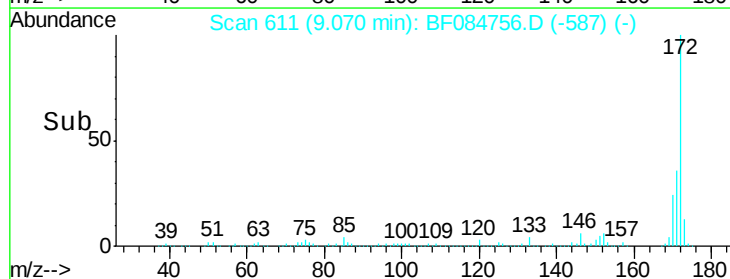
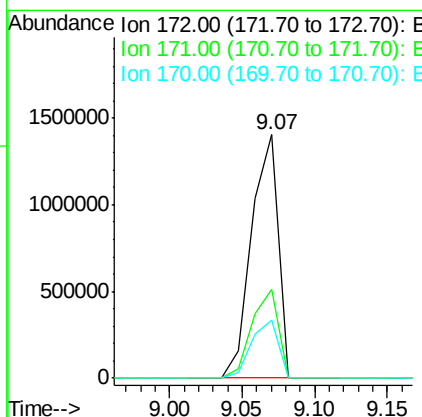
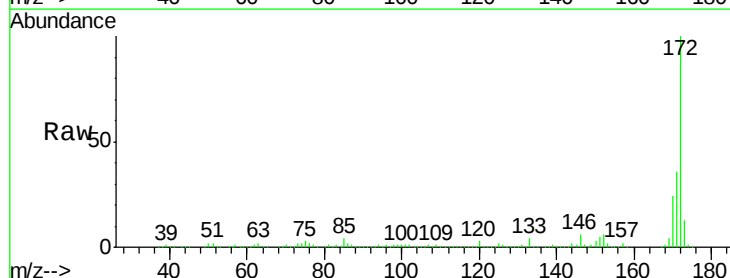
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 BNA_F
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 WELDON-WC-SC-018

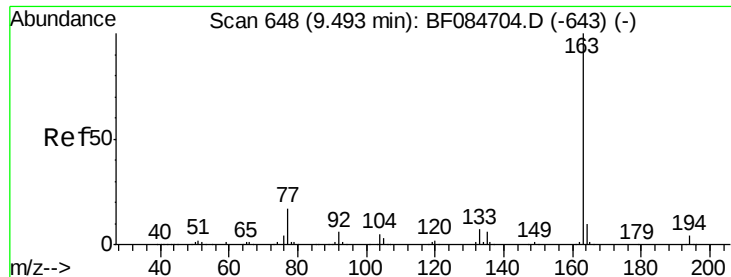
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	38.3	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 93.49 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084756.D
 Acq: 2 Feb 2016 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.1	18.6	27.8

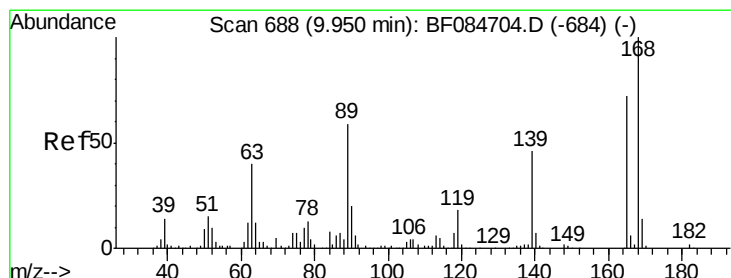
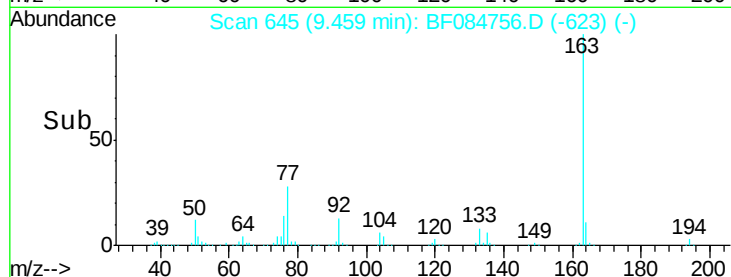
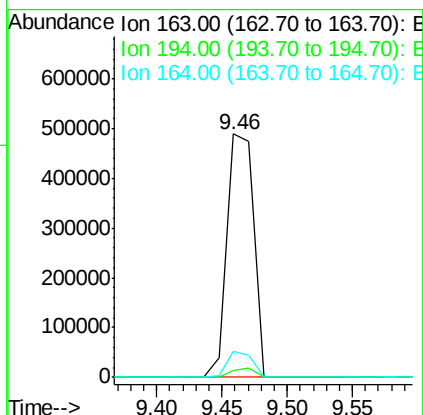
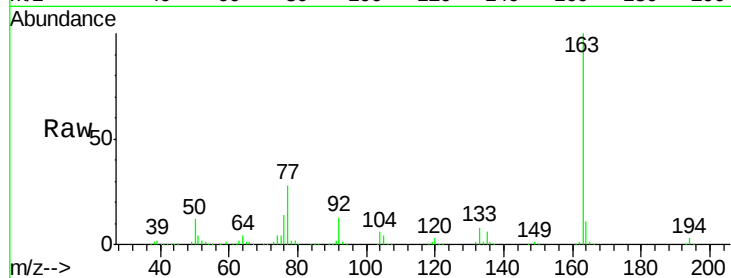




#49
Dimethylphthalate
Concen: 27.20 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.05 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

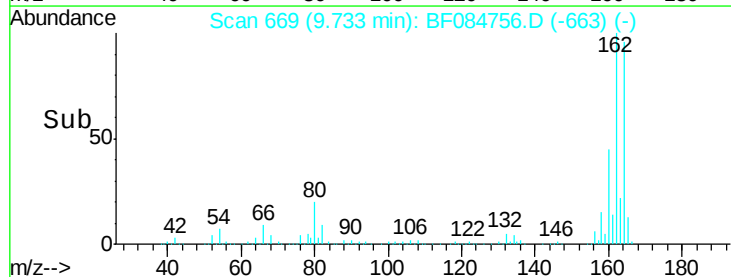
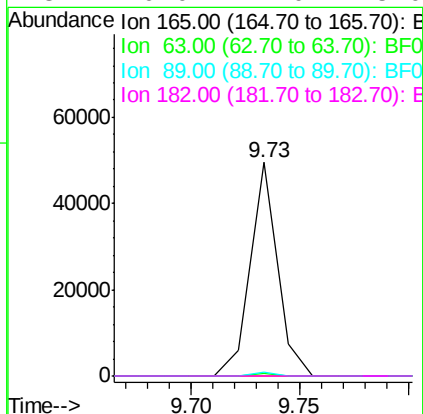
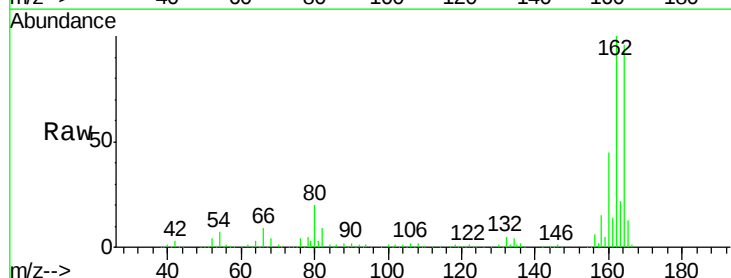
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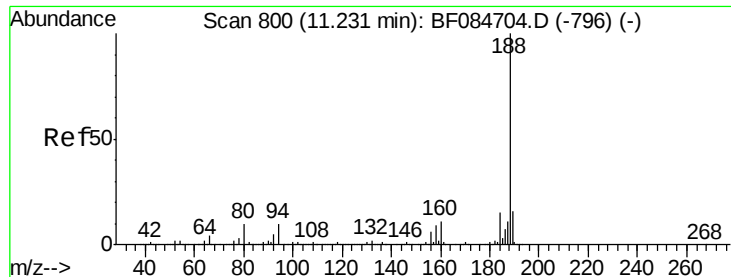
Tgt Ion:163 Resp: 689911
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.9 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.23 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

Tgt Ion:165 Resp: 43139
Ion Ratio Lower Upper
165 100
63 0.9 36.7 55.1#
89 2.0 61.9 92.9#
182 0.0 2.0 3.0#

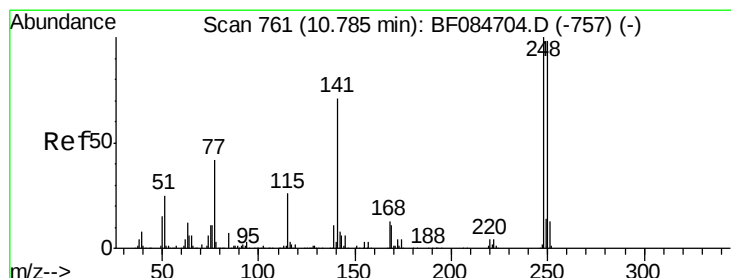
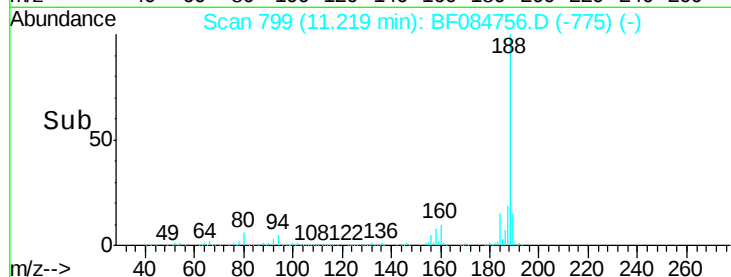
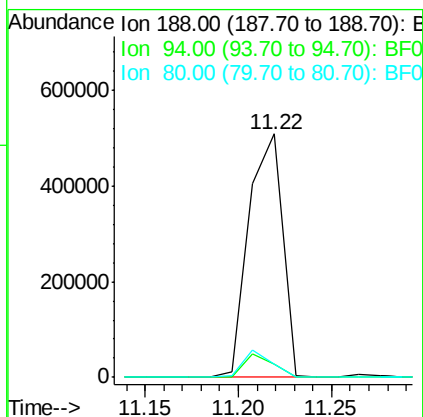
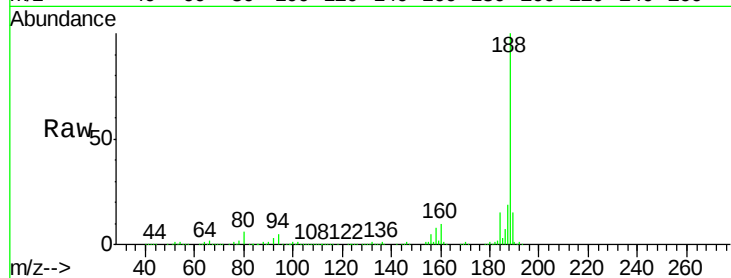




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

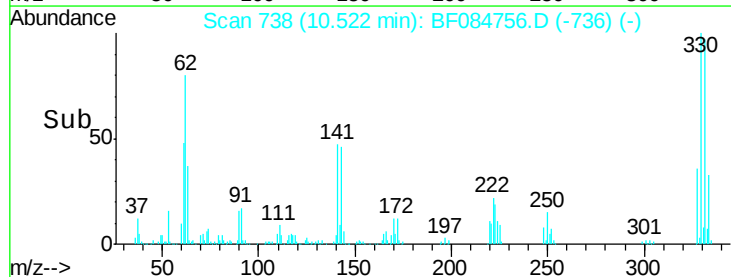
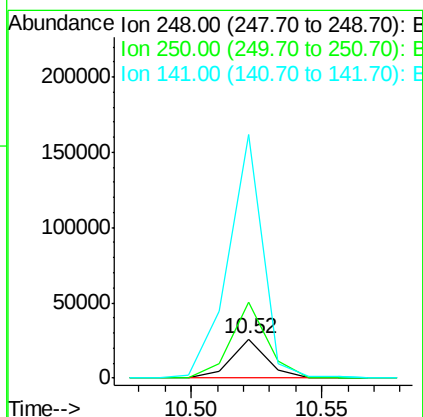
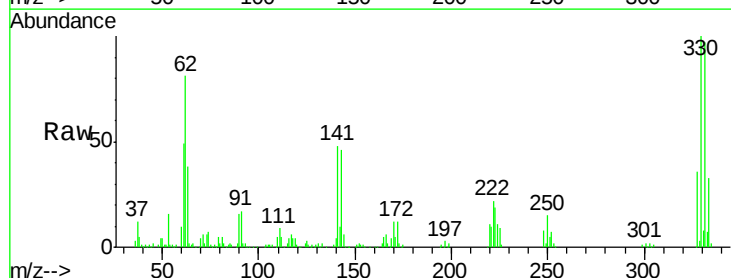
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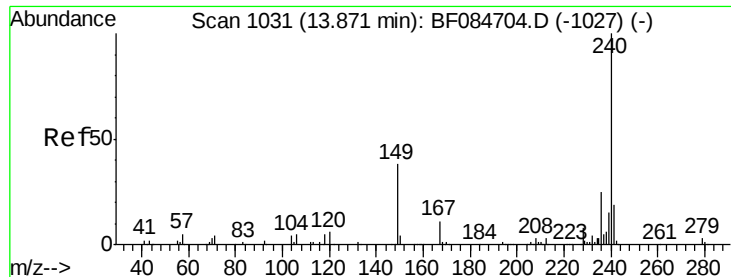
Tgt Ion:188 Resp: 638710
Ion Ratio Lower Upper
188 100
94 5.4 9.0 13.4#
80 5.6 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.27 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

Tgt Ion:248 Resp: 24859
Ion Ratio Lower Upper
248 100
250 192.1 78.4 117.6#
141 617.7 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-018

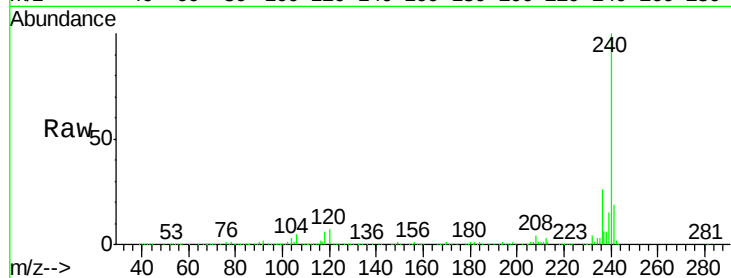
Tgt Ion:240 Resp: 535905

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

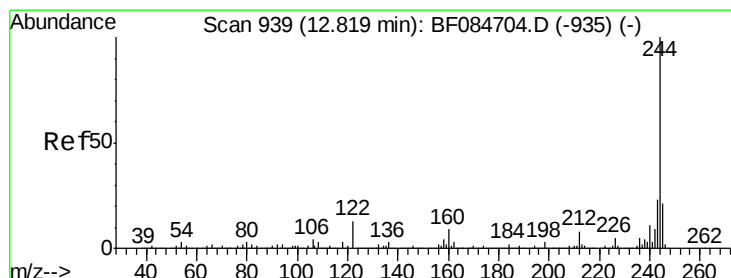
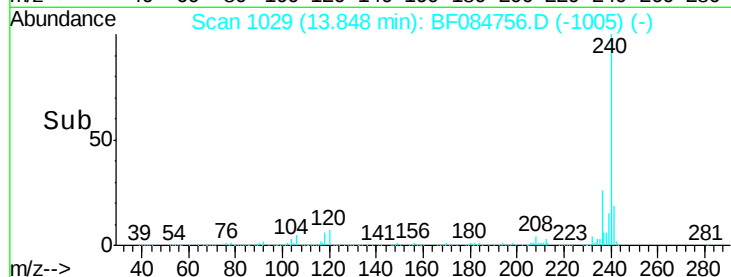
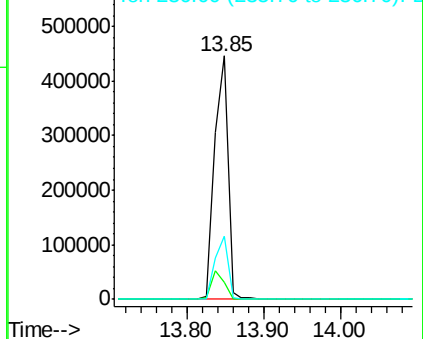
236 25.7 20.6 31.0



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: 77.30 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084756.D

Acq: 2 Feb 2016 20:04

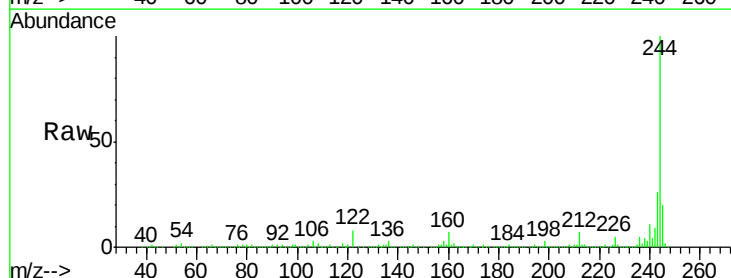
Tgt Ion:244 Resp: 1828121

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

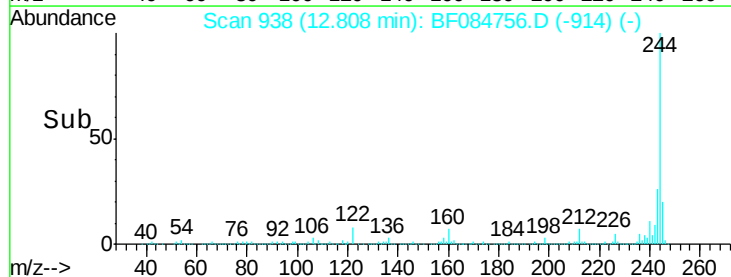
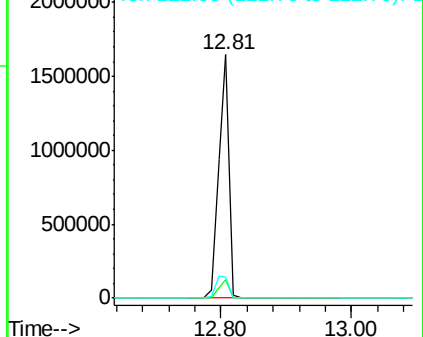
122 8.4 7.4 11.0

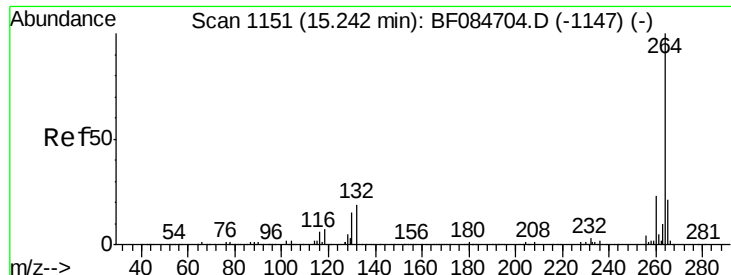


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

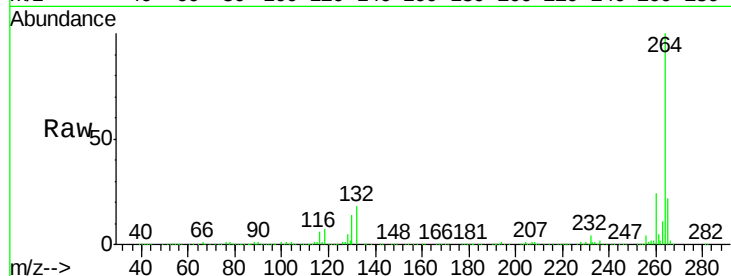




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084756.D
Acq: 2 Feb 2016 20:04

Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.8	26.6



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

