

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086561.D
 Acq On : 1 May 2016 9:57
 Operator : UM/SJ
 Sample : H2762-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

Quant Time: May 02 00:49:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

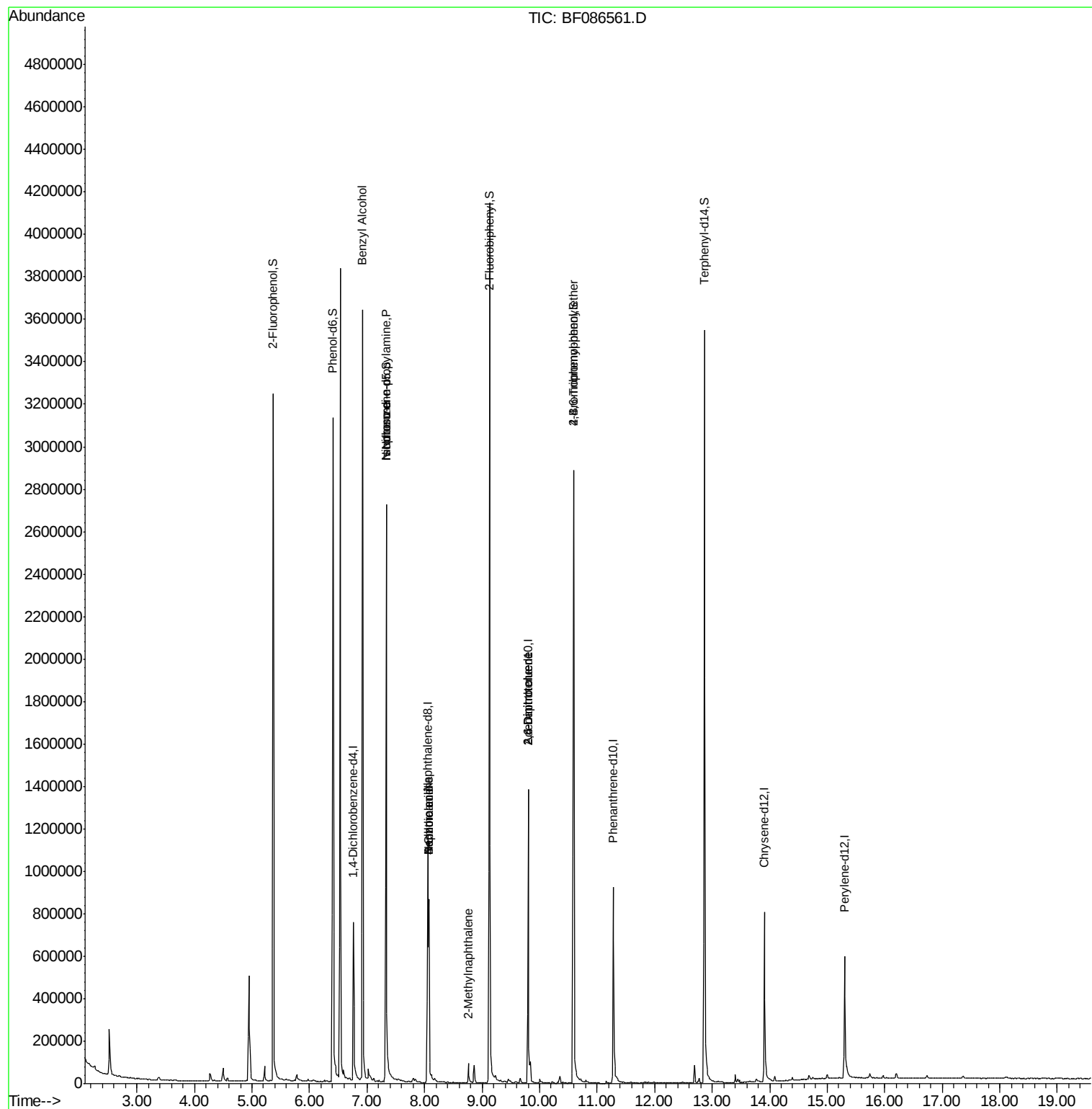
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132322	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	570043	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	281250	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	517557	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	375024	20.00	ng	-0.06
86) Perylene-d12	15.30	264	320889	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	961038	125.28	ng	-0.02
7) Phenol-d6	6.41	99	1132263	105.75	ng	-0.03
23) Nitrobenzene-d5	7.33	82	977409	92.42	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	371506	125.26	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1488389	94.91	ng	-0.05
78) Terphenyl-d14	12.87	244	1458069	85.66	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	17260	2.55	ng	# 39
19) n-Nitroso-di-n-propylamine	7.33	70	132882	18.78	ng	# 74
25) Isophorone	7.33	82	733657	36.05	ng	# 68
31) Naphthalene	8.08	128	512587	17.67	ng	# 99
32) Benzoic acid	8.08	122	1033	8.94	ng	# 1
33) 4-Chloroaniline	8.08	127	65965	6.07	ng	# 33
37) 2-Methylnaphthalene	8.76	142	34412	2.01	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	35059	8.02	ng	# 21
56) 2,4-Dinitrotoluene	9.80	165	35328	6.34	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	22577	4.23	ng	# 1

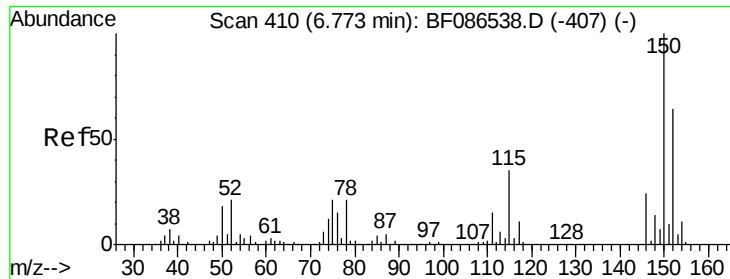
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

Instrument :

BNA_F

ClientSampleId :

TEC-B2COMP

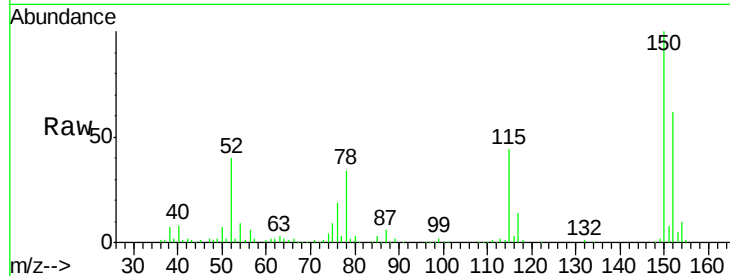
Tgt Ion:152 Resp: 132322

Ion Ratio Lower Upper

152 100

150 161.9 125.8 188.6

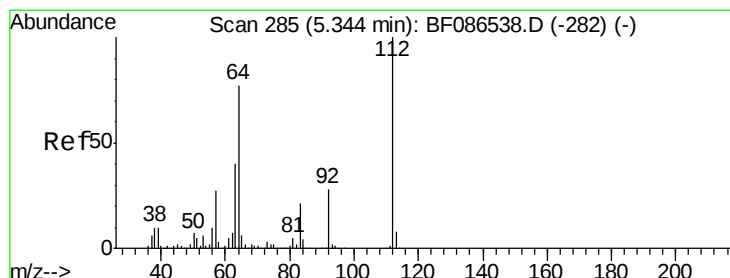
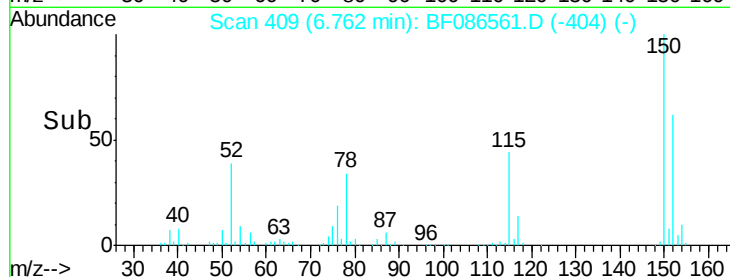
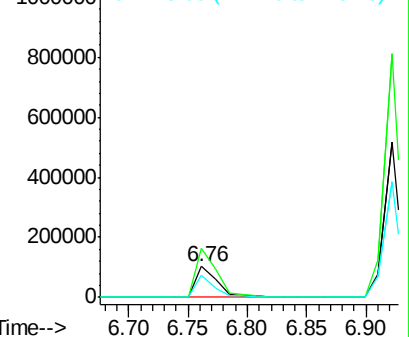
115 71.8 51.5 77.3



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: 125.28 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

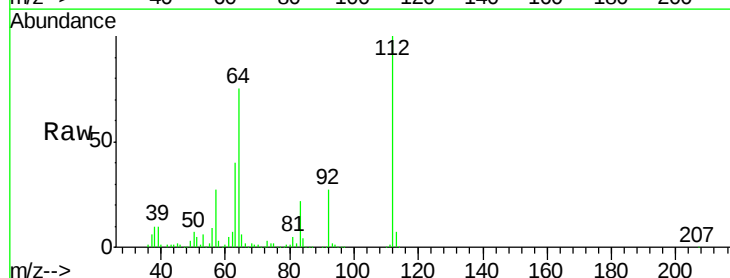
Tgt Ion:112 Resp: 961038

Ion Ratio Lower Upper

112 100

64 74.5 52.1 78.1

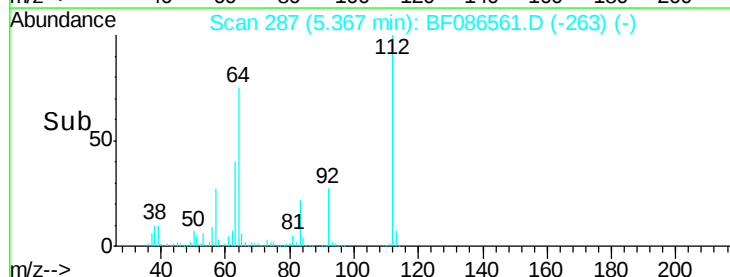
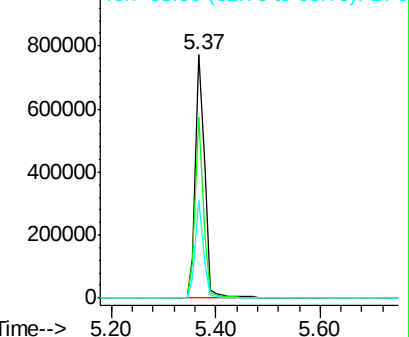
63 39.9 25.7 38.5#

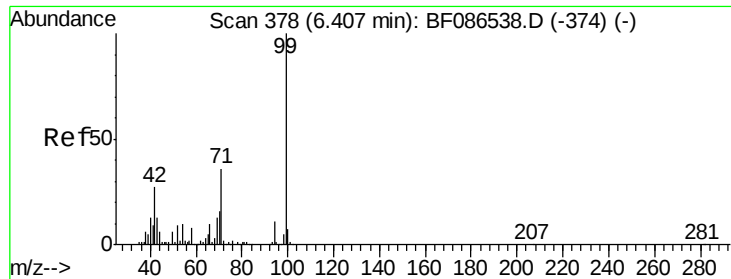


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

Instrument :

BNA_F

ClientSampleId :

TEC-B2COMP

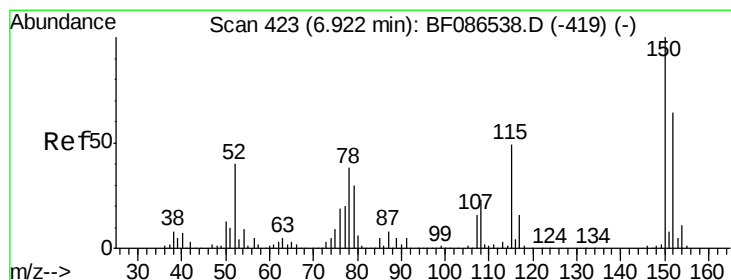
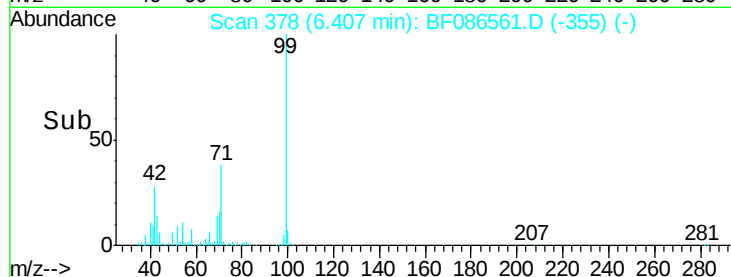
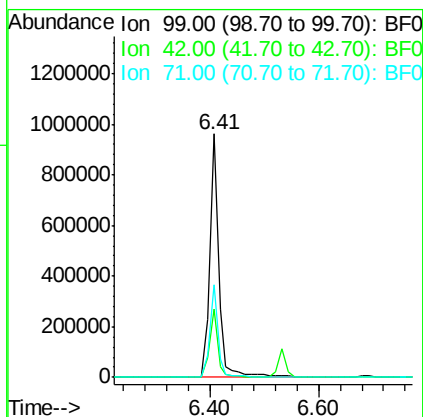
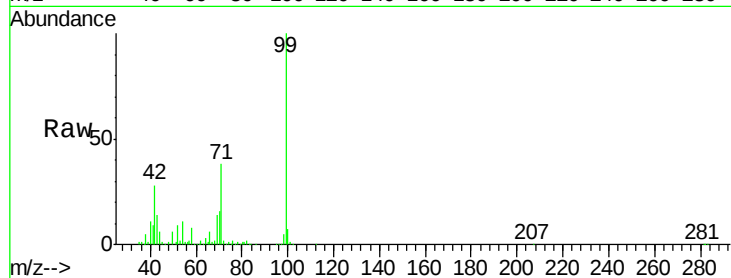
Tgt Ion: 99 Resp: 1132263

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

71 37.9 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.03 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

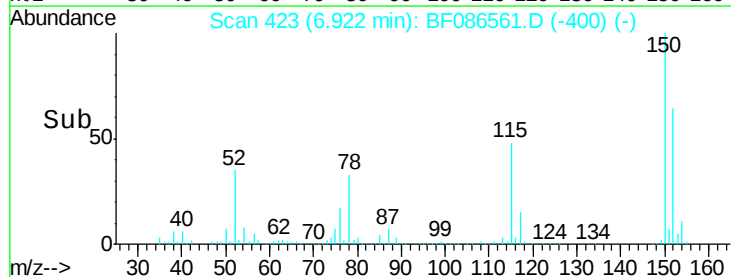
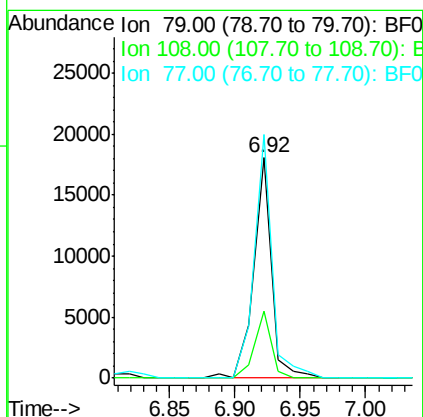
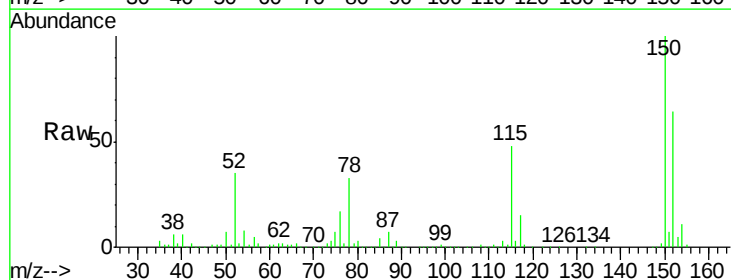
Tgt Ion: 79 Resp: 17260

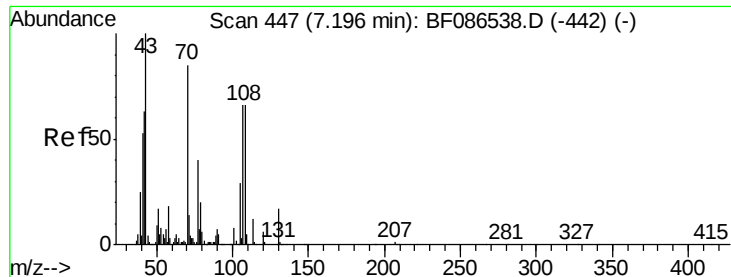
Ion Ratio Lower Upper

79 100

108 30.1 68.4 102.6#

77 110.4 50.6 76.0#

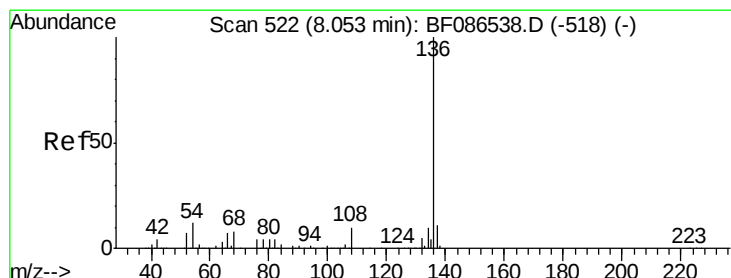
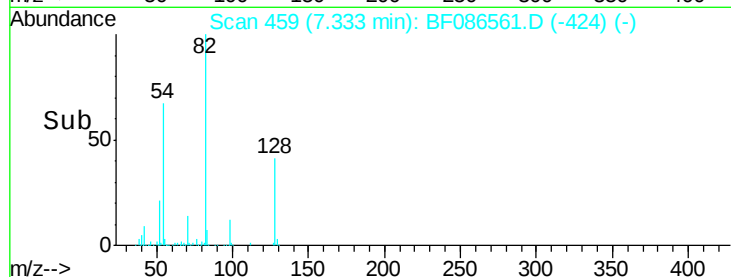
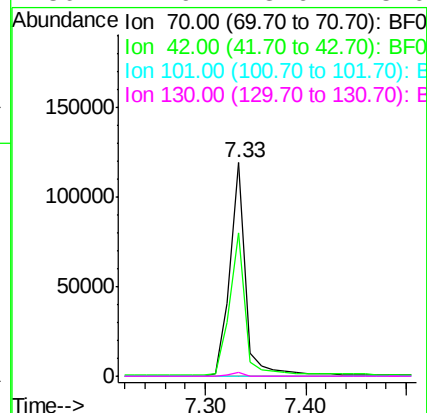
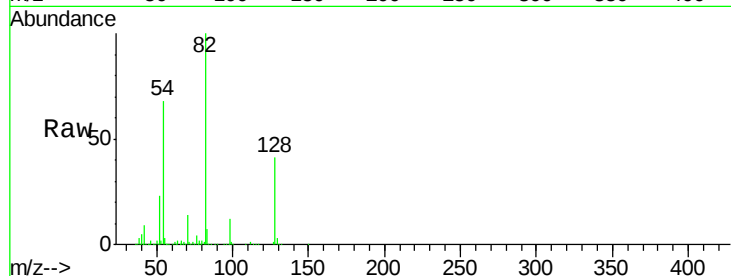




#19
n-Nitroso-di-n-propylamine
Concen: 18.78 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086561.D
Acq: 1 May 2016 9:57

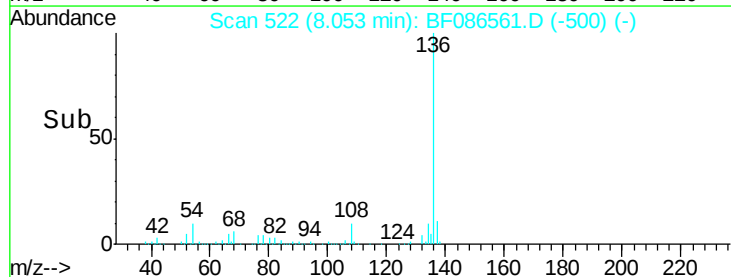
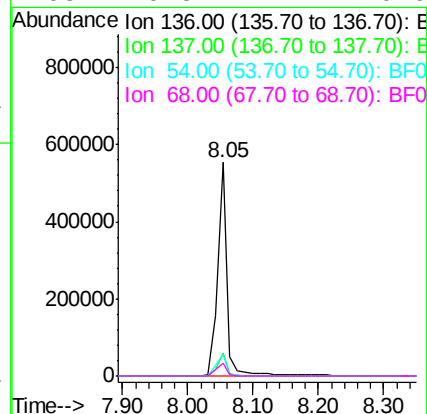
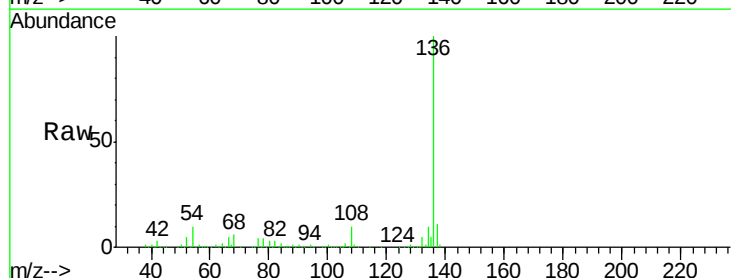
Instrument :
BNA_F
ClientSampleId :
TEC-B2COMP

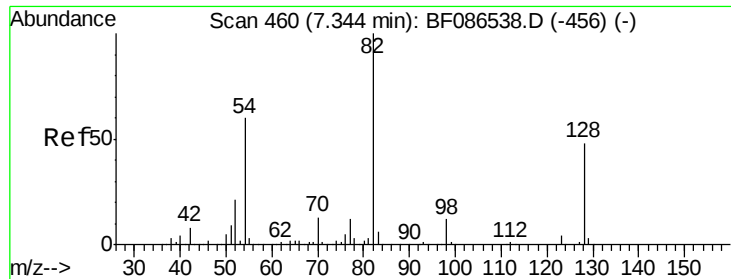
Tgt Ion: 70 Resp: 132882
Ion Ratio Lower Upper
70 100
42 66.9 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086561.D
Acq: 1 May 2016 9:57

Tgt Ion: 136 Resp: 570043
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.9 5.0 7.4#
68 6.3 4.4 6.6

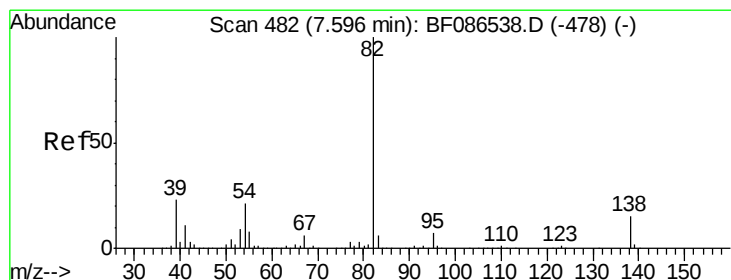
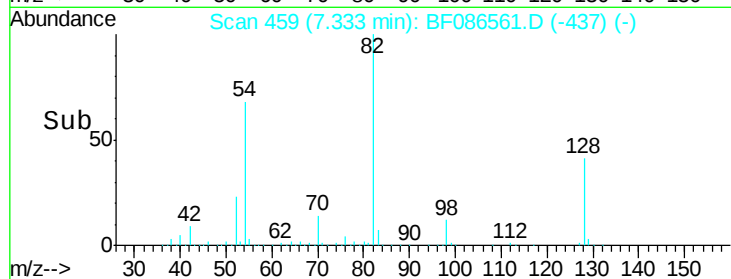
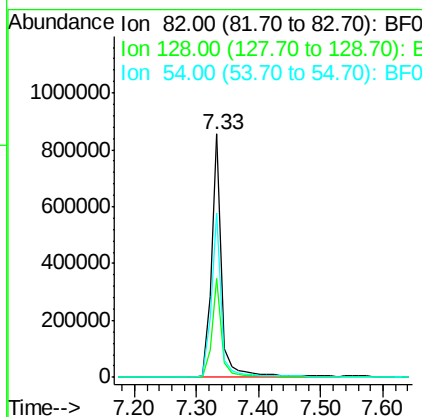
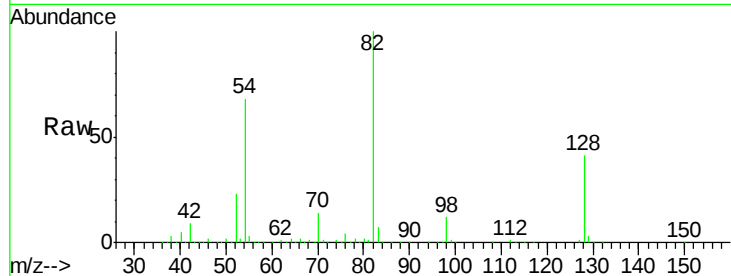




#23
 Nitrobenzene-d5
 Concen: 92.42 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

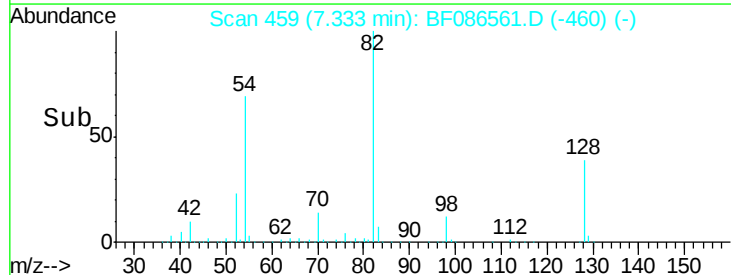
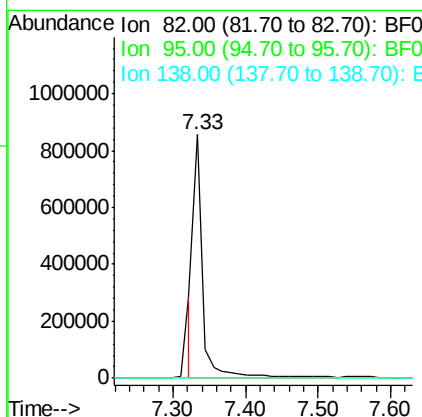
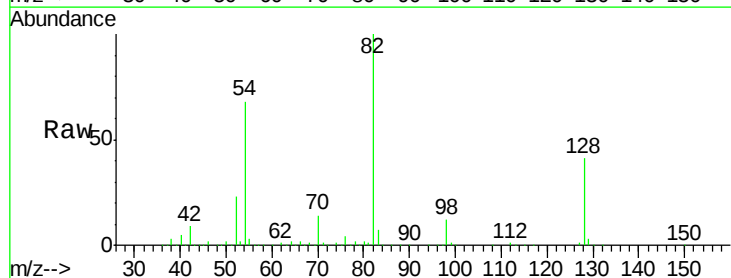
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

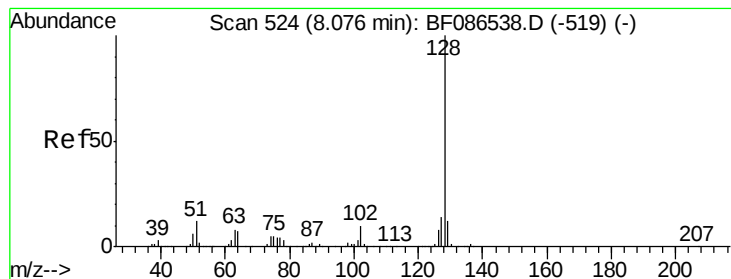
Tgt Ion: 82 Resp: 977409
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 67.6 38.1 57.1#



#25
 Isophorone
 Concen: 36.05 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.31 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Tgt Ion: 82 Resp: 733657
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.1 7.7#
 138 0.0 12.4 18.6#





#31

Naphthalene

Concen: 17.67 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

Instrument :

BNA_F

ClientSampleId :

TEC-B2COMP

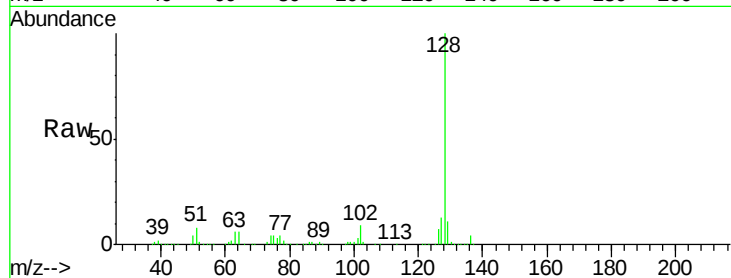
Tgt Ion:128 Resp: 512587

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

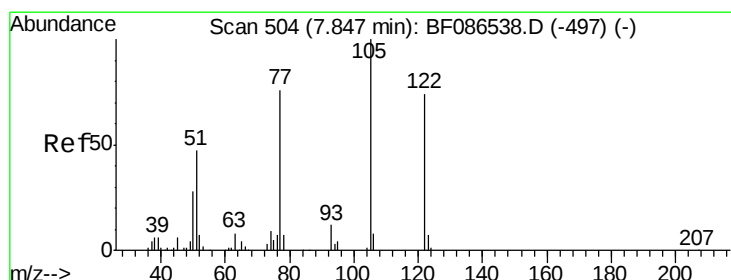
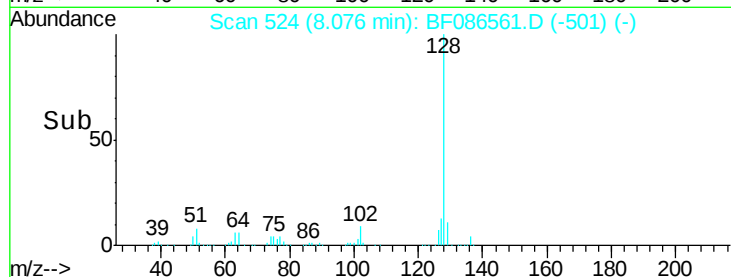
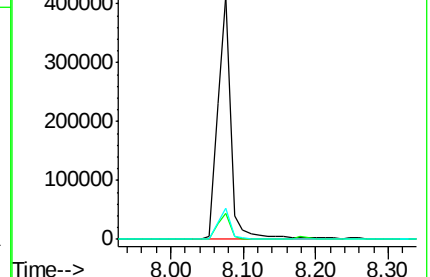
127 12.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.94 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.18 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

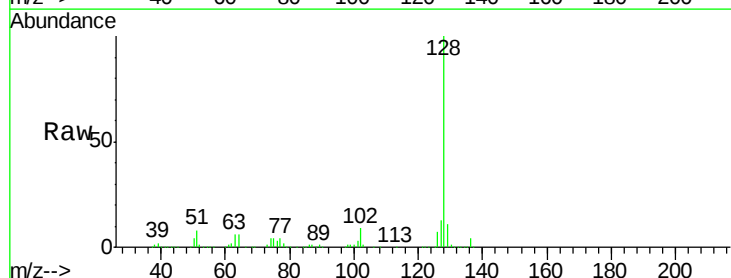
Tgt Ion:122 Resp: 1033

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

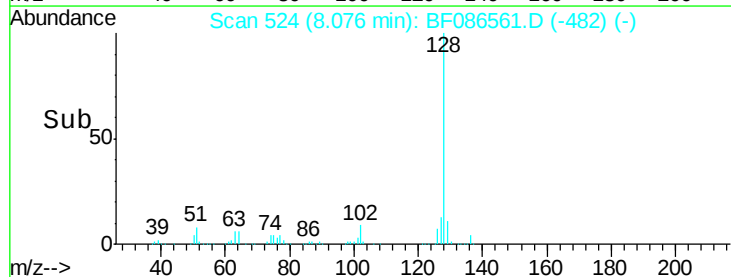
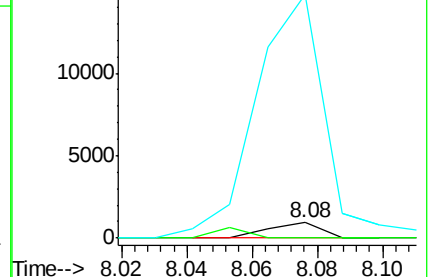
77 1556.1 60.0 100.0#

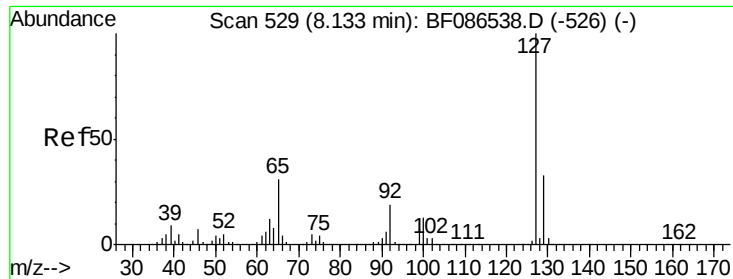


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

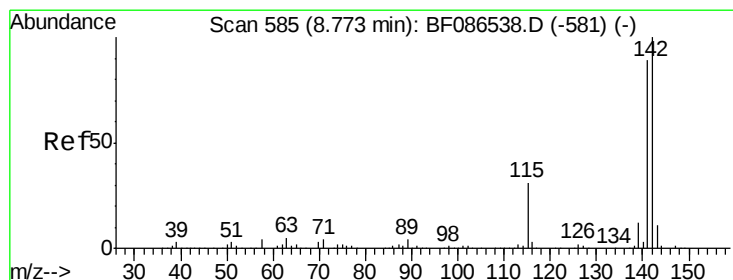
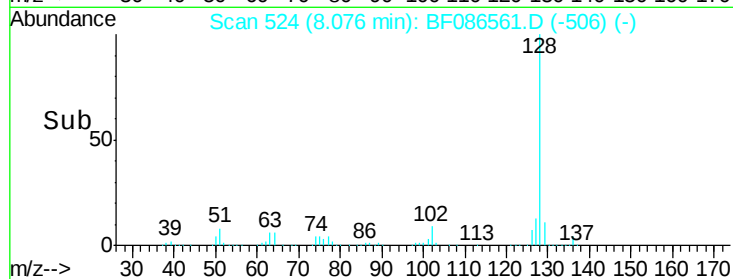
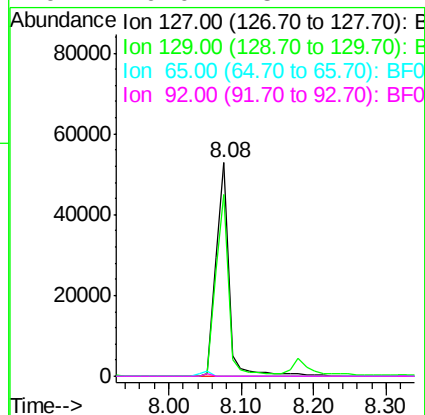
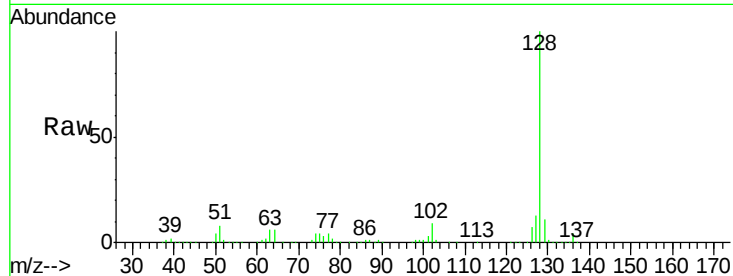




#33
 4-Chloroaniline
 Concen: 6.07 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.09 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

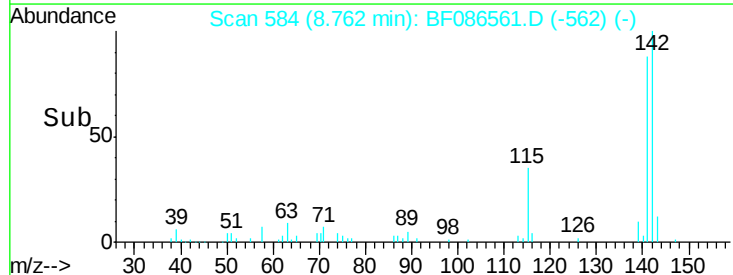
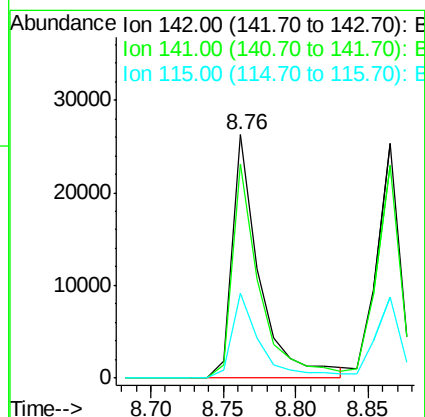
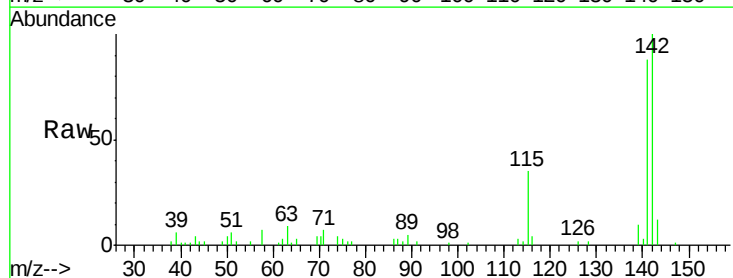
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

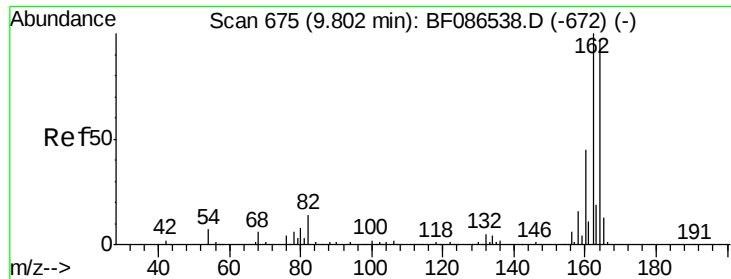
Tgt Ion:	127	Resp:	65965
Ion Ratio	Lower	Upper	
127	100		
129	84.9	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#37
 2-Methylnaphthalene
 Concen: 2.01 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Tgt Ion:	142	Resp:	34412
Ion Ratio	Lower	Upper	
142	100		
141	87.8	71.0	106.6
115	34.8	26.6	39.8

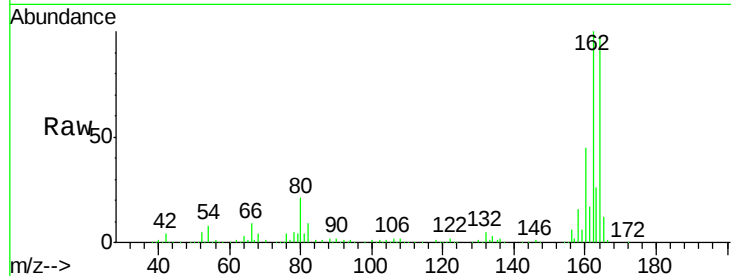




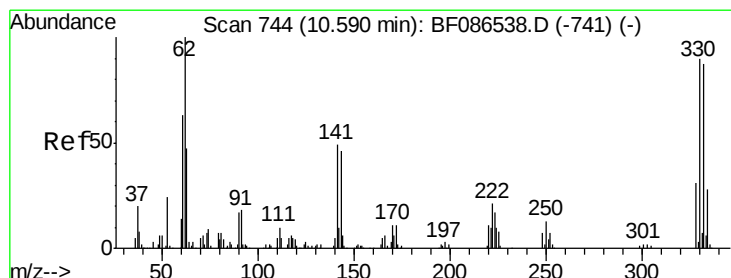
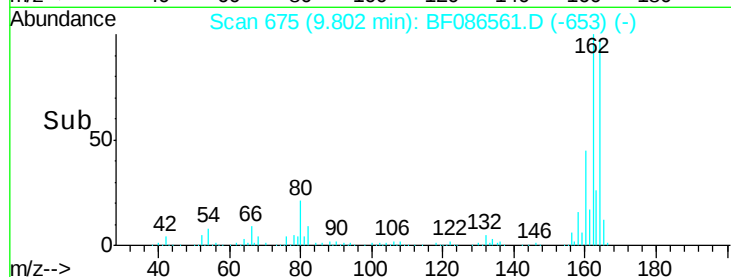
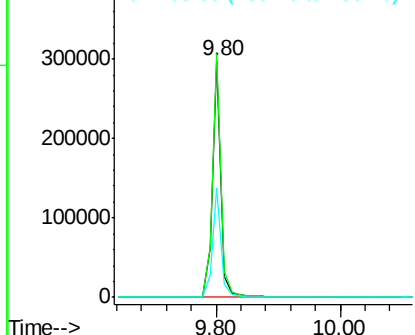
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

Tgt Ion:164 Resp: 281250
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 46.4 36.9 55.3

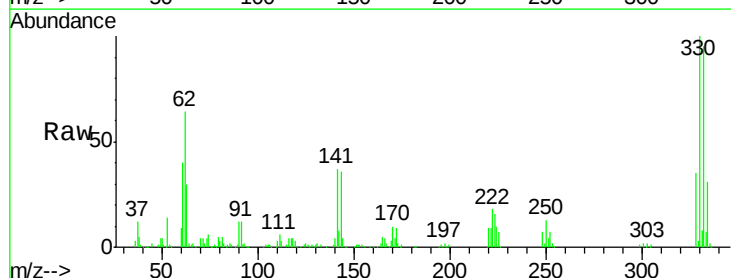


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

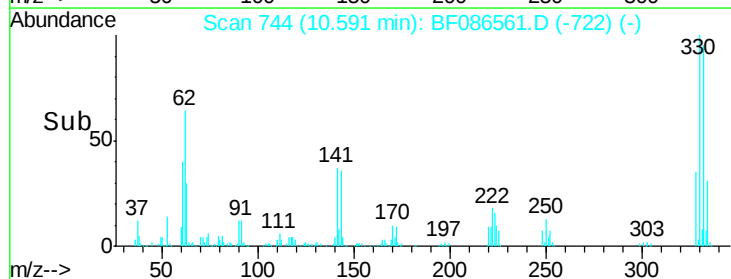
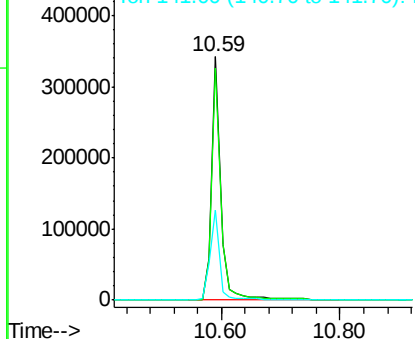


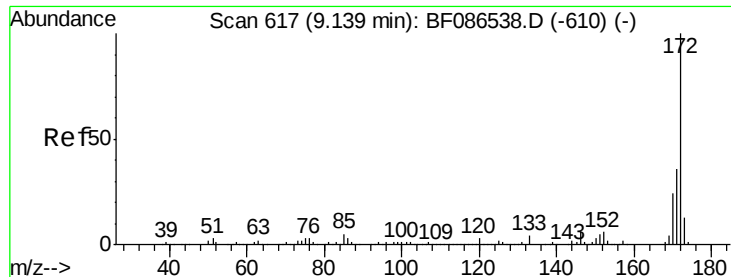
#41
 2,4,6-Tribromophenol
 Concen: 125.26 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Tgt Ion:330 Resp: 371506
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 39.7 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

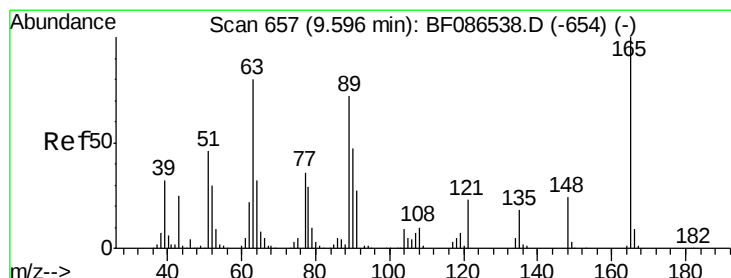
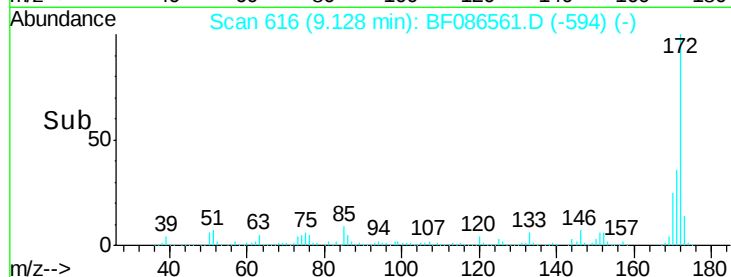
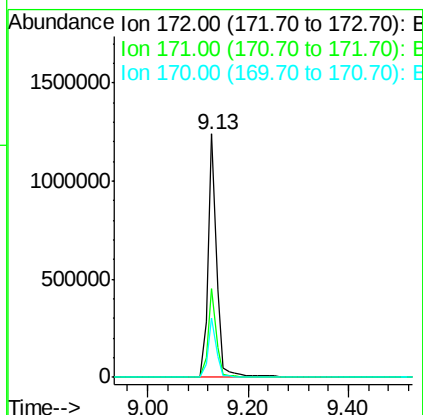
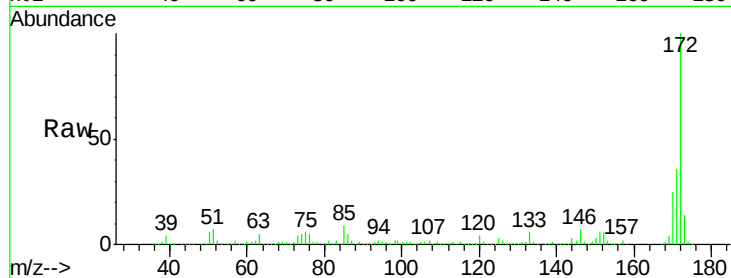




#44
 2-Fluorobiphenyl
 Concen: 94.91 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

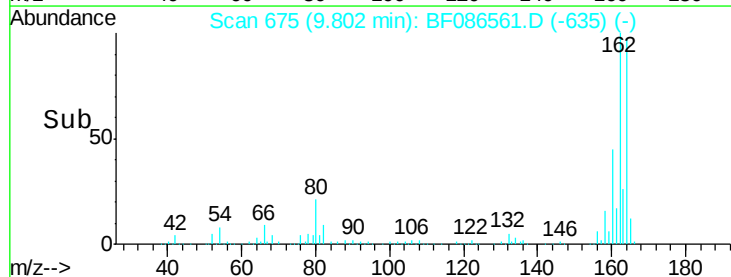
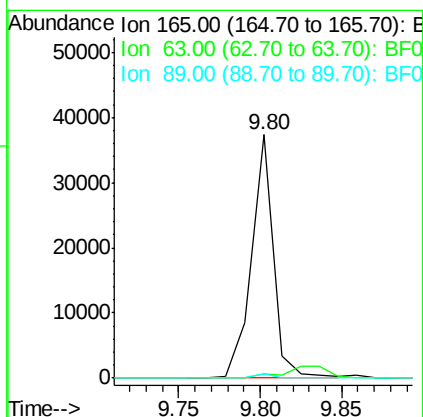
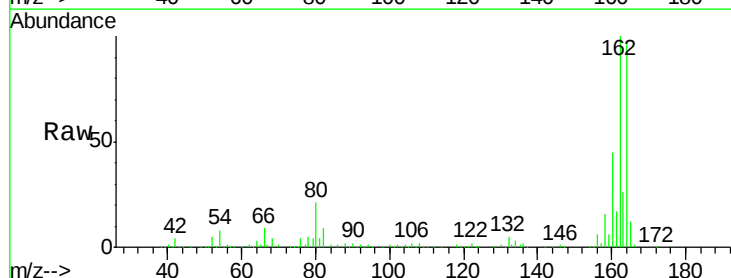
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

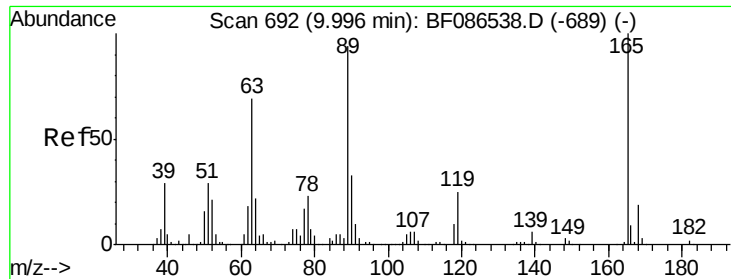
Tgt Ion:172 Resp: 1488389
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.6 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.16 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Tgt Ion:165 Resp: 35059
 Ion Ratio Lower Upper
 165 100
 63 2.0 51.8 77.8#
 89 1.9 50.7 76.1#

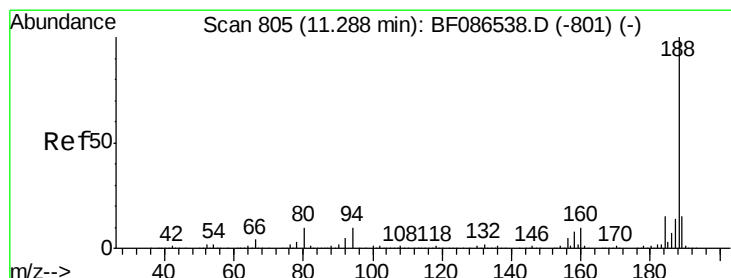
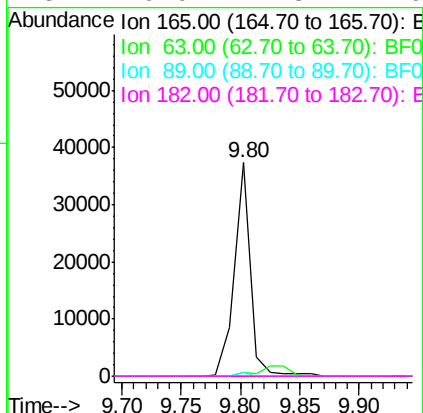
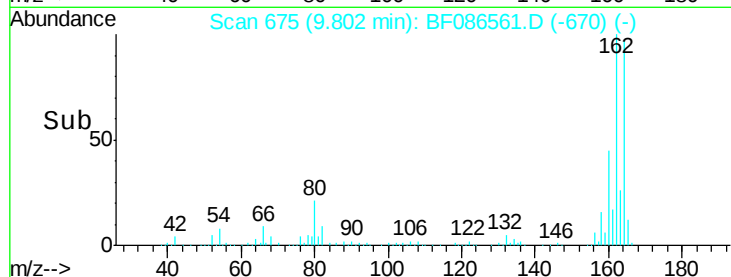
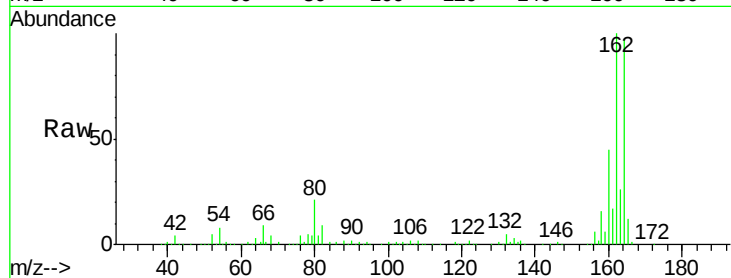




#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.24 min
Lab File: BF086561.D
Acq: 1 May 2016 9:57

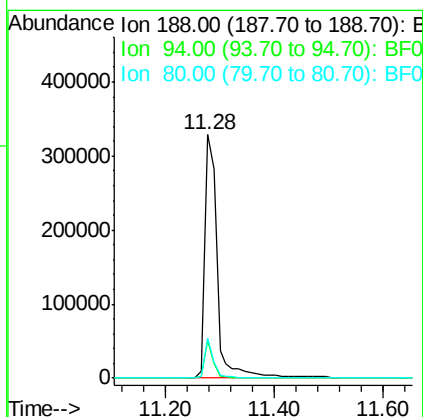
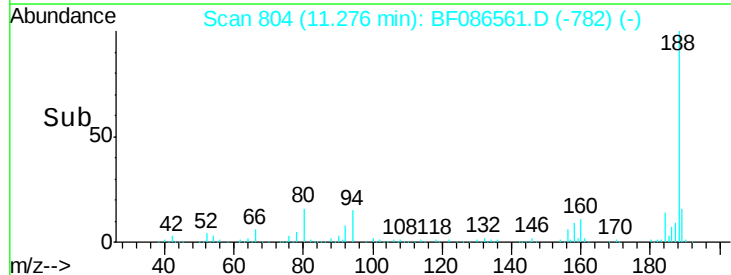
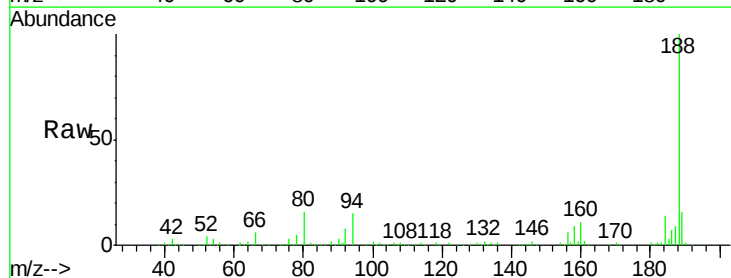
Instrument :
BNA_F
ClientSampleId :
TEC-B2COMP

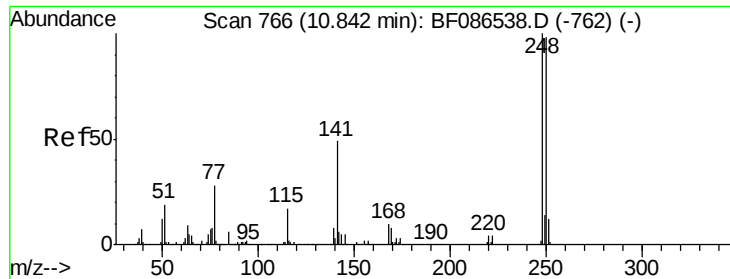
Tgt Ion:165 Resp: 35328
Ion Ratio Lower Upper
165 100
63 2.0 44.3 66.5#
89 1.9 70.0 105.0#
182 0.0 1.8 2.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086561.D
Acq: 1 May 2016 9:57

Tgt Ion:188 Resp: 517557
Ion Ratio Lower Upper
188 100
94 15.4 6.8 10.2#
80 16.3 7.1 10.7#





#66

4-Bromophenyl-phenylether

Concen: 4.23 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.29 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

Instrument :

BNA_F

ClientSampleId :

TEC-B2COMP

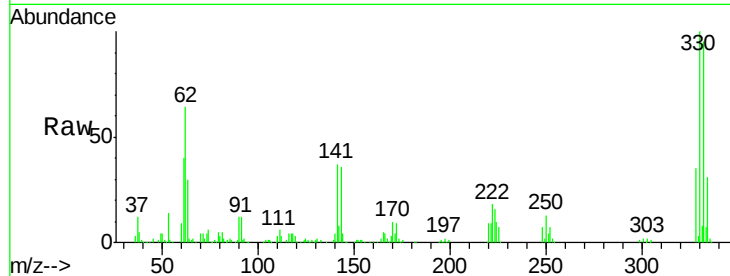
Tgt Ion:248 Resp: 22577

Ion Ratio Lower Upper

248 100

250 196.0 78.6 117.8#

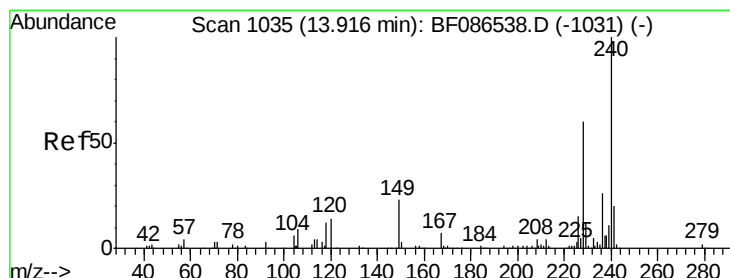
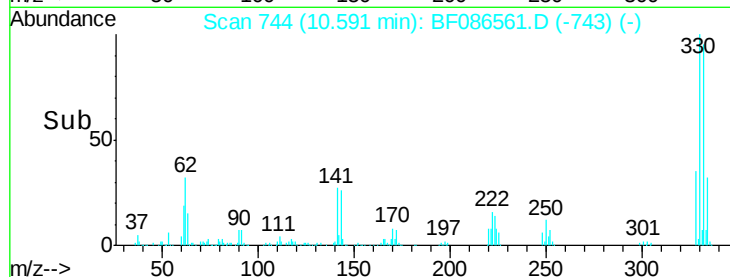
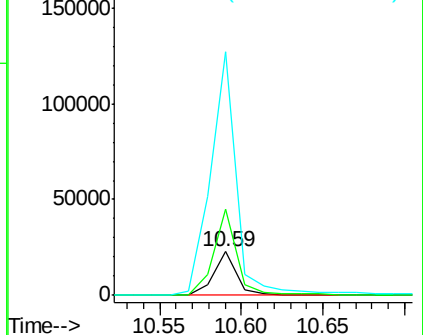
141 556.1 76.0 114.0#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086561.D

Acq: 1 May 2016 9:57

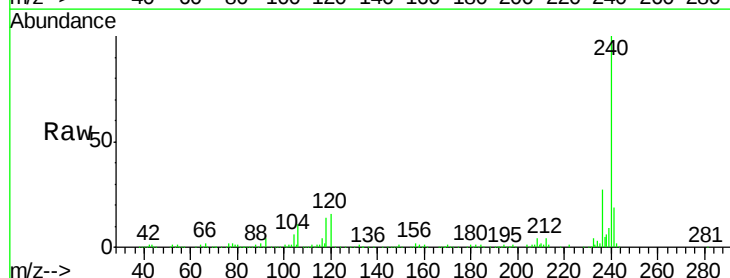
Tgt Ion:240 Resp: 375024

Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

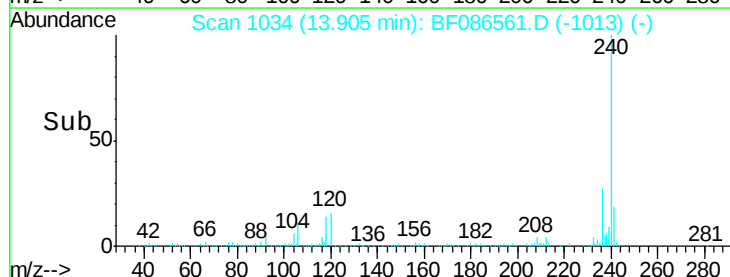
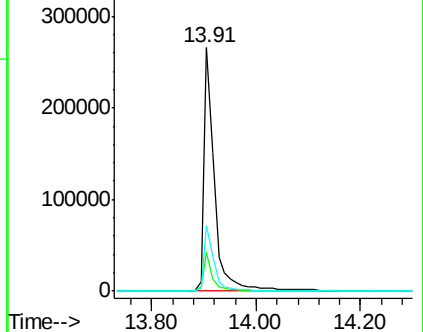
236 26.8 21.2 31.8

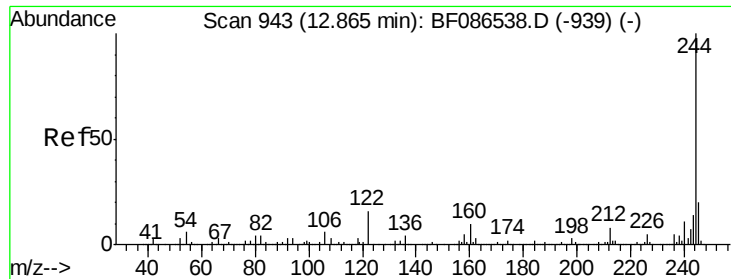


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

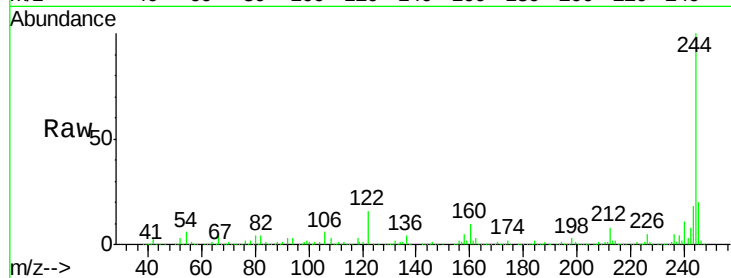




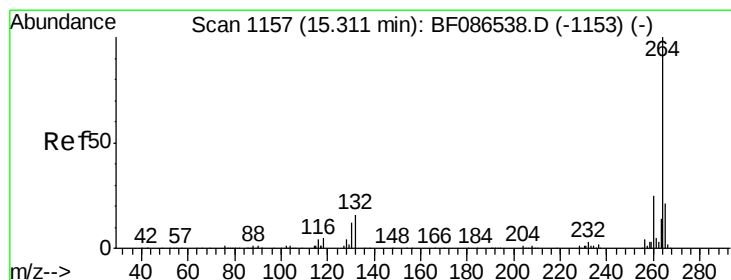
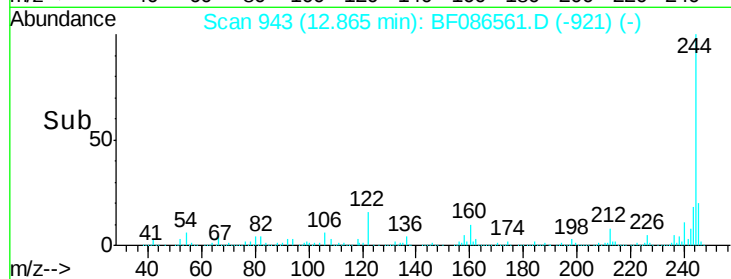
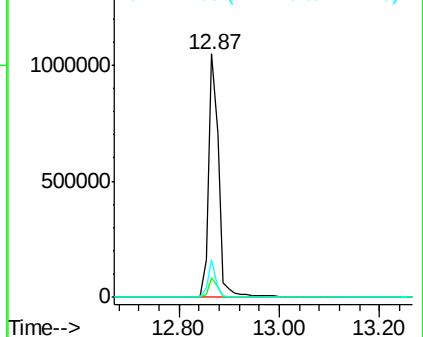
#78
 Terphenyl-d14
 Concen: 85.66 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2COMP

Tgt Ion:244 Resp: 1458069
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 15.7 12.0 18.0

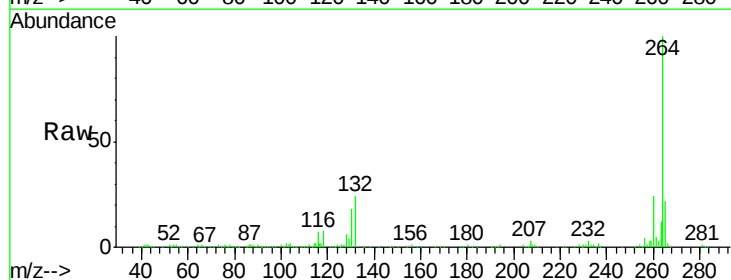


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086561.D
 Acq: 1 May 2016 9:57

Tgt Ion:264 Resp: 320889
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.7 17.3 25.9



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

