

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087352.D
 Acq On : 24 May 2016 23:08
 Operator : UM/SJ
 Sample : H3218-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: May 25 00:46:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

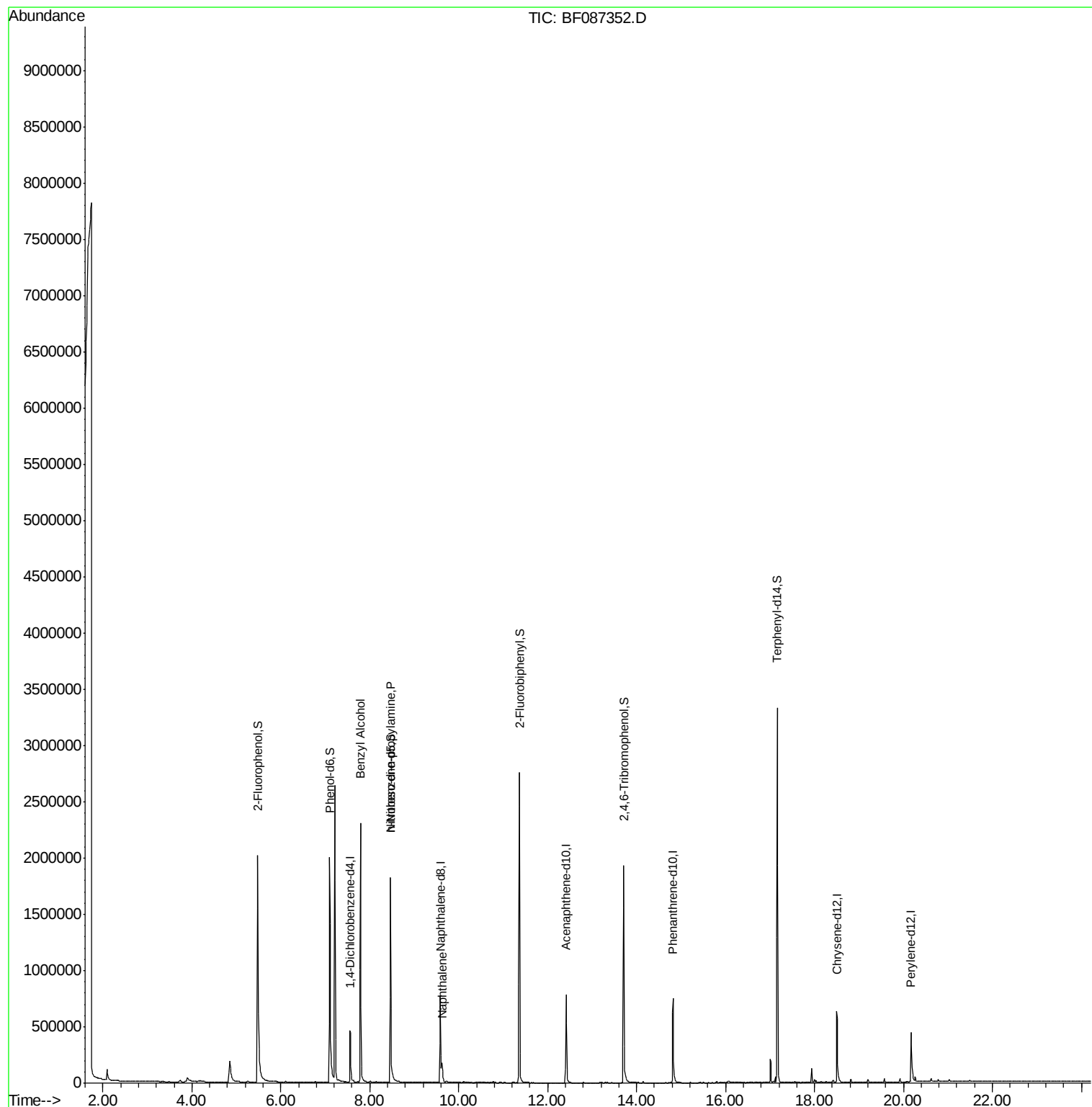
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	115471	20.00	ng	-0.05
21) Naphthalene-d8	9.59	136	465026	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	223004	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	457726	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	376922	20.00	ng	-0.05
86) Perylene-d12	20.17	264	270365	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	879236	133.80	ng	-0.03
7) Phenol-d6	7.10	99	1061937	119.59	ng	-0.07
23) Nitrobenzene-d5	8.47	82	808542	87.63	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	326932	152.56	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1423324	89.98	ng	-0.06
78) Terphenyl-d14	17.17	244	1463431	82.54	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.79	79	14087	2.18	ng	# 43
19) n-Nitroso-di-n-propylamine	8.47	70	110379	16.67	ng	# 74
31) Naphthalene	9.62	128	131243	5.63	ng	99

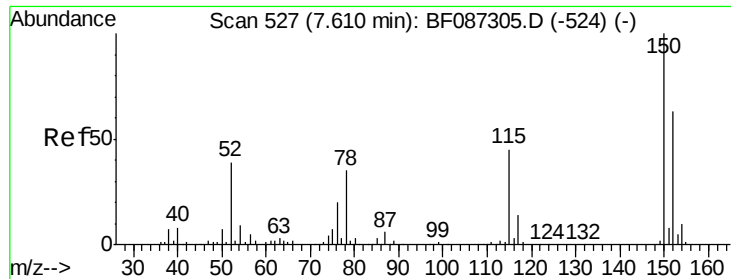
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.05 min

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Instrument :

BNA_F

ClientSampleId :

WC-1

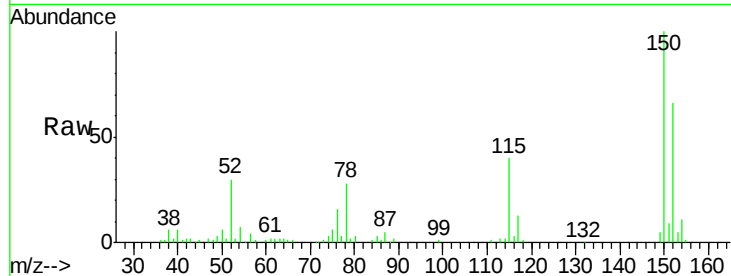
Tgt Ion:152 Resp: 115471

Ion Ratio Lower Upper

152 100

150 152.4 125.8 188.6

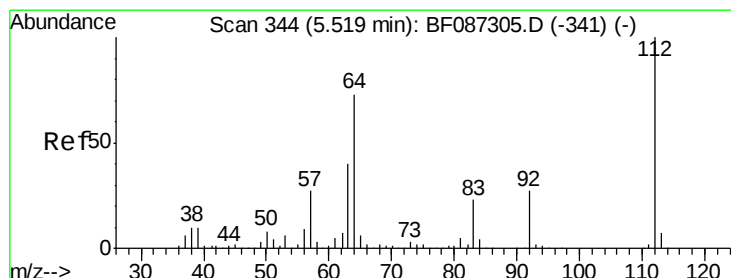
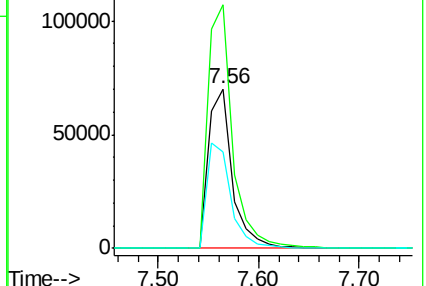
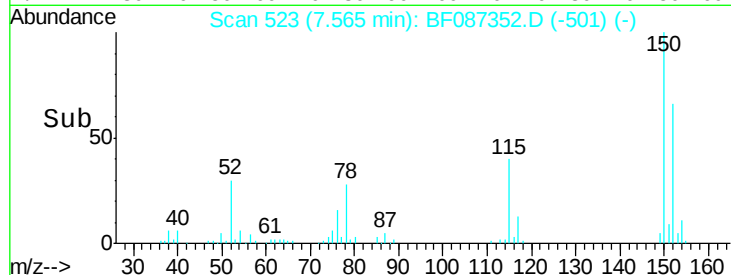
115 60.5 51.5 77.3



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: 133.80 ng

RT: 5.48 min Scan# 341

Delta R.T. -0.03 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

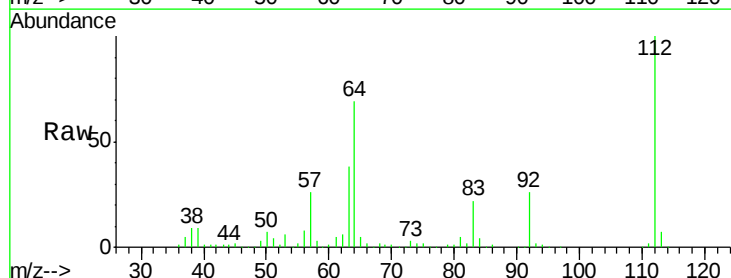
Tgt Ion:112 Resp: 879236

Ion Ratio Lower Upper

112 100

64 68.7 52.1 78.1

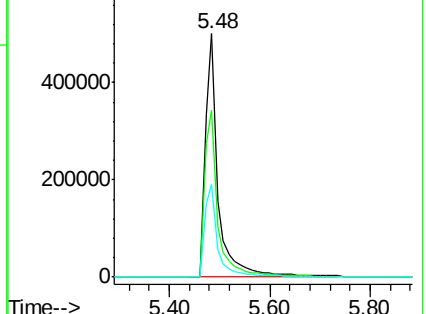
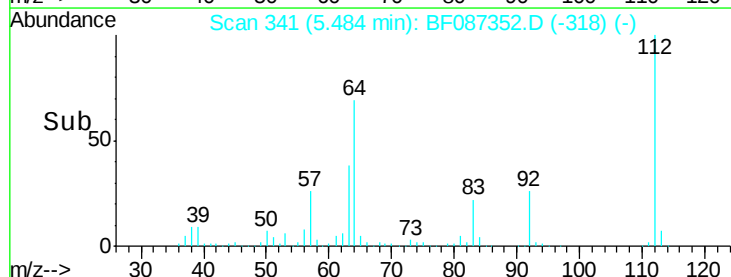
63 37.8 25.7 38.5

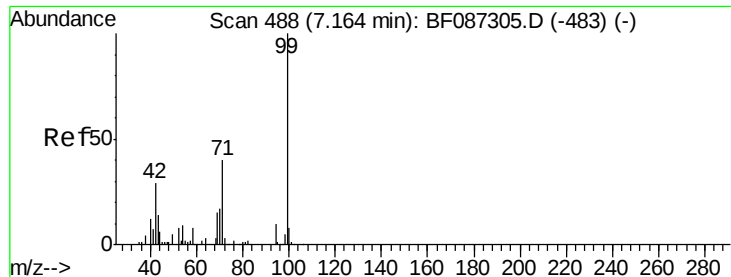


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.59 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Instrument :

BNA_F

ClientSampleId :

WC-1

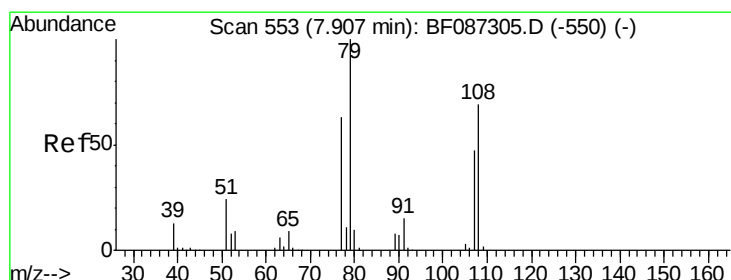
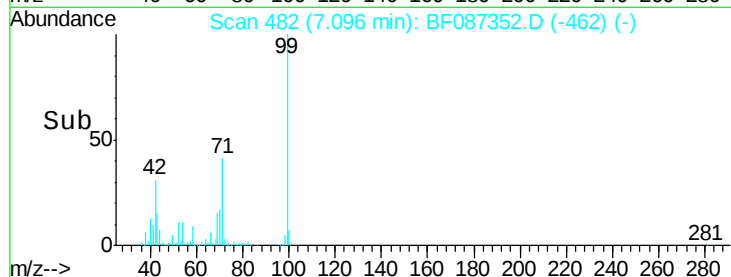
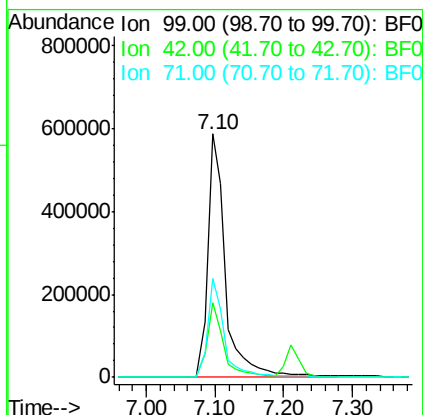
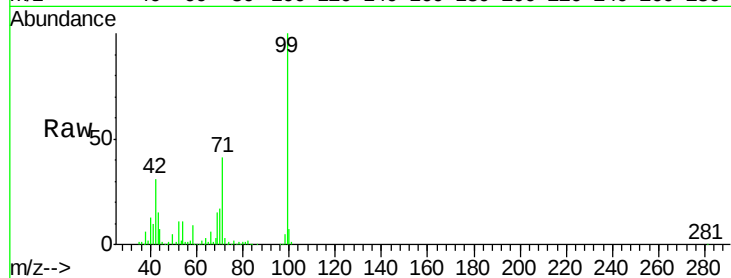
Tgt Ion: 99 Resp: 1061937

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

71 40.8 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.11 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

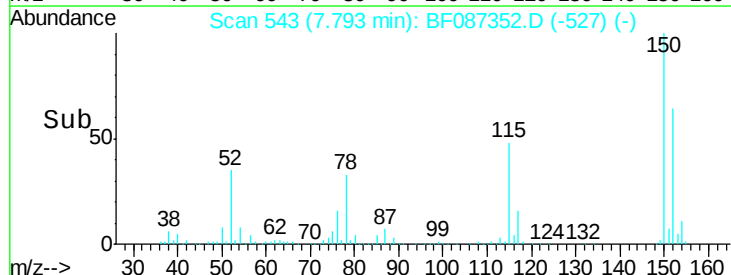
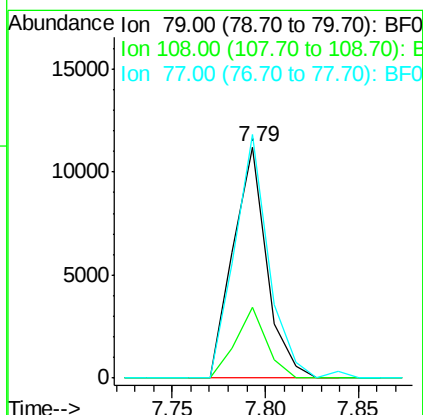
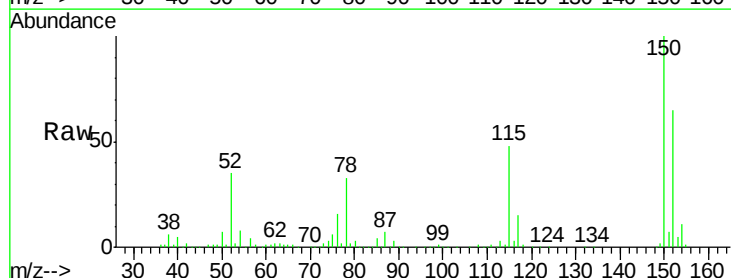
Tgt Ion: 79 Resp: 14087

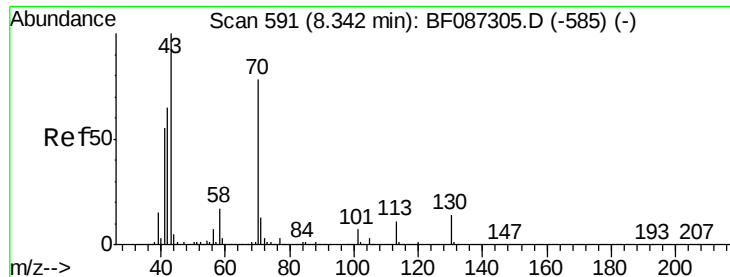
Ion Ratio Lower Upper

79 100

108 30.7 68.4 102.6#

77 105.3 50.6 76.0#

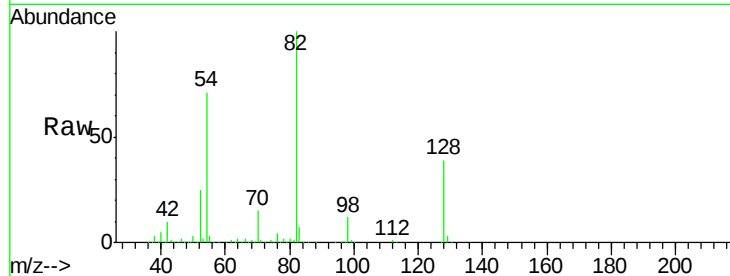




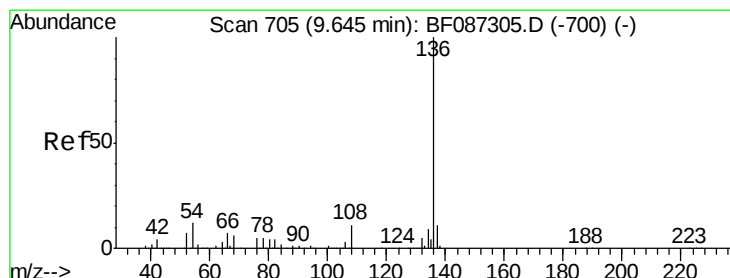
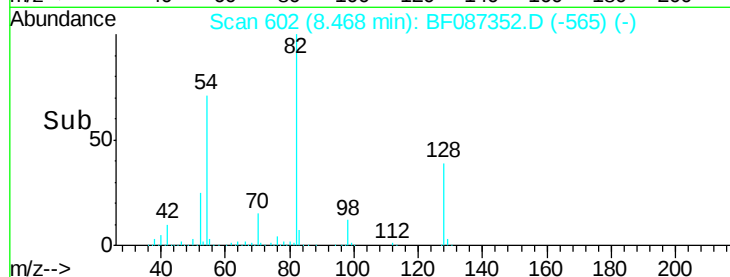
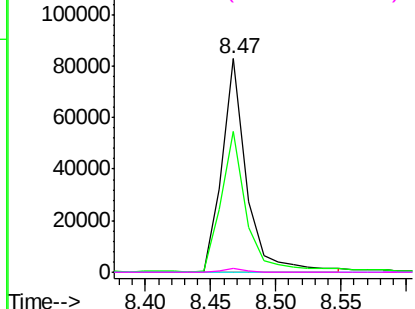
#19
n-Nitroso-di-n-propylamine
Concen: 16.67 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion: 70 Resp: 110379
Ion Ratio Lower Upper
70 100
42 66.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.6 18.6 28.0#

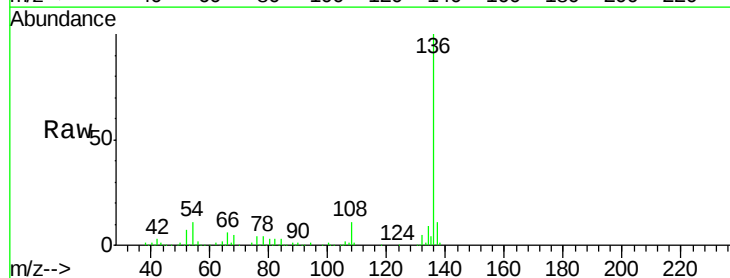


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

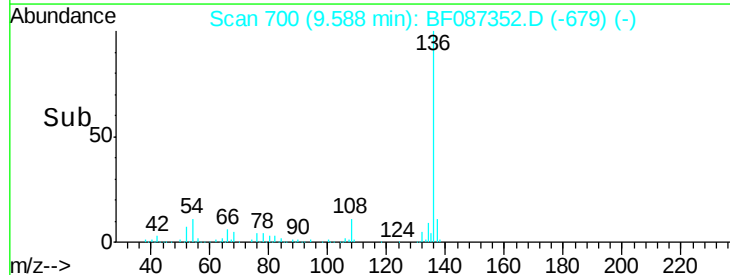
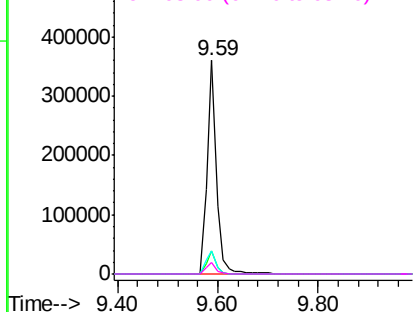


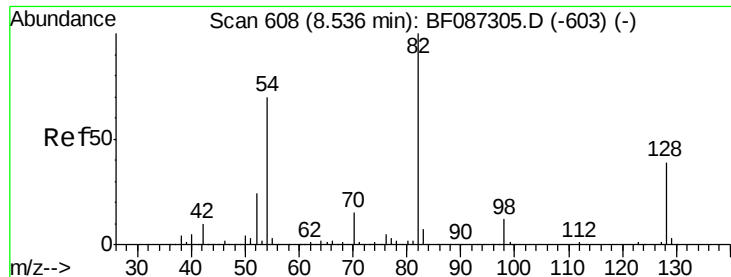
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Tgt Ion: 136 Resp: 465026
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.9 5.0 7.4#
68 5.5 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

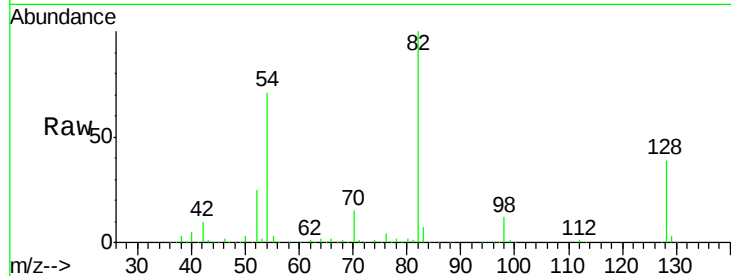




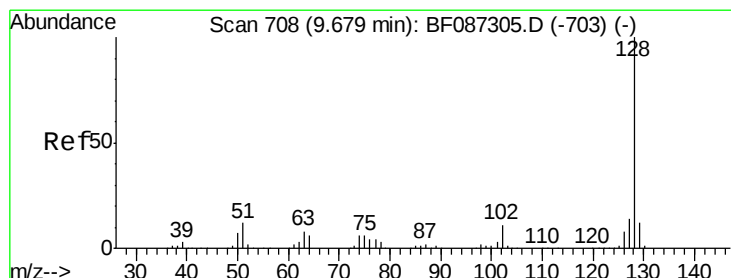
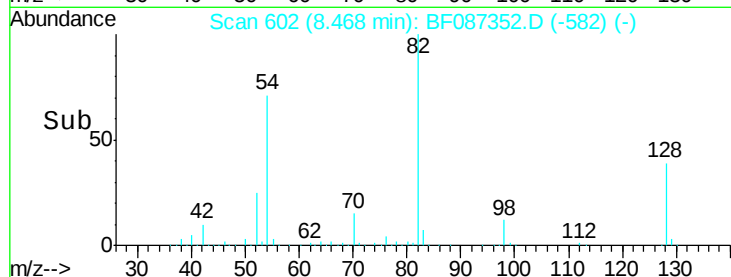
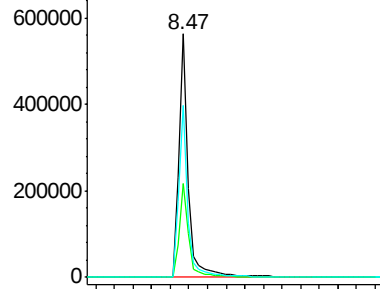
#23
 Nitrobenzene-d5
 Concen: 87.63 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.07 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Instrument :
 BNA_F
 ClientSampled :
 WC-1

Tgt Ion: 82 Resp: 808542
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 70.7 38.1 57.1#

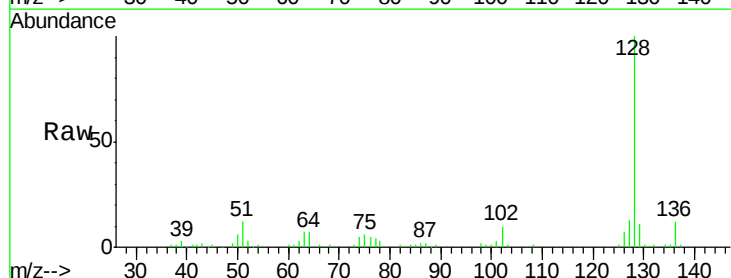


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

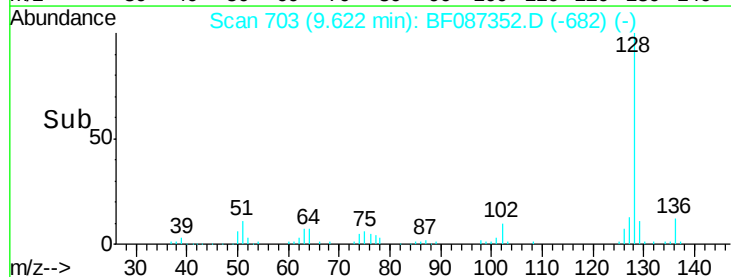
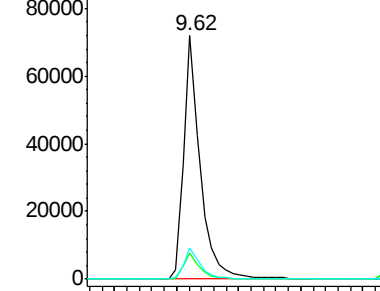


#31
 Naphthalene
 Concen: 5.63 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.06 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Tgt Ion: 128 Resp: 131243
 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

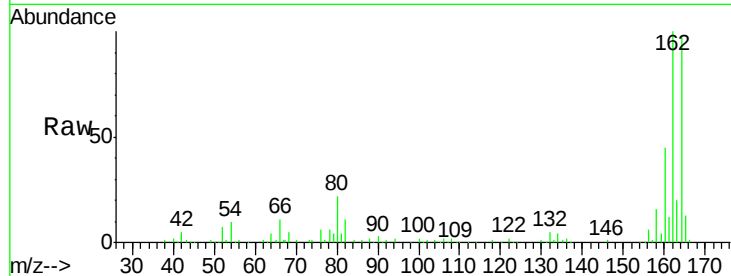




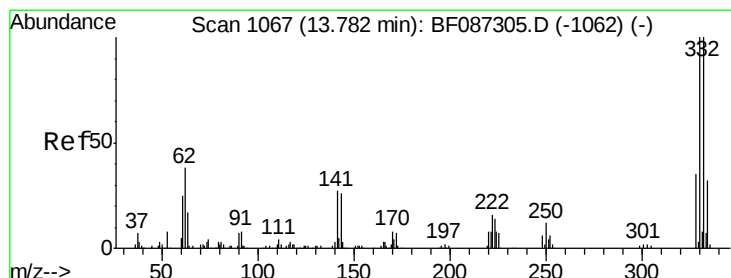
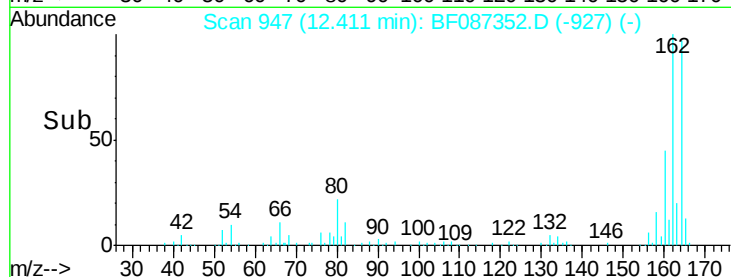
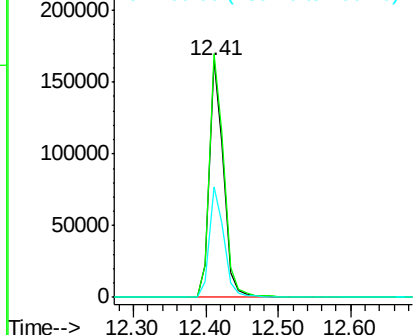
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:164 Resp: 223004
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 46.6 36.9 55.3

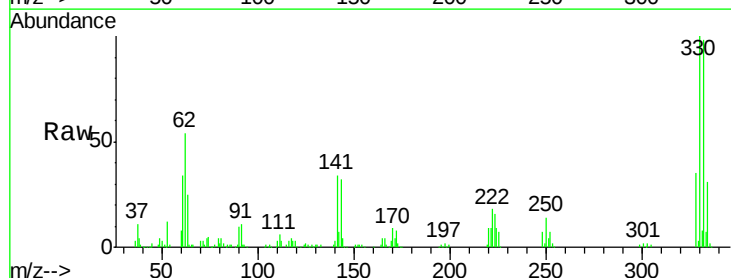


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

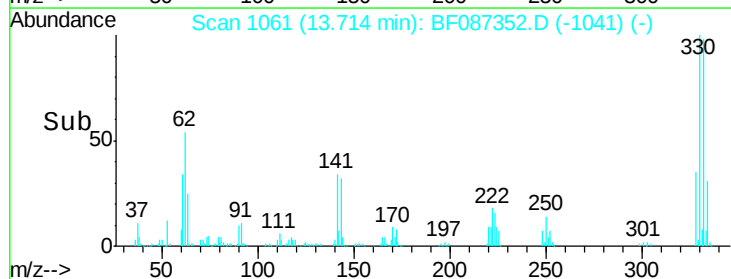
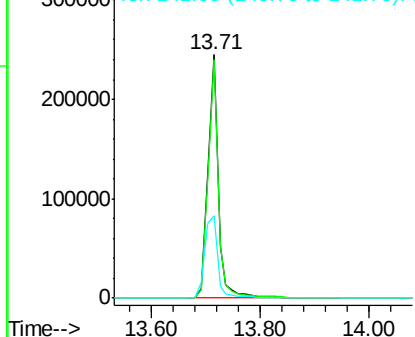


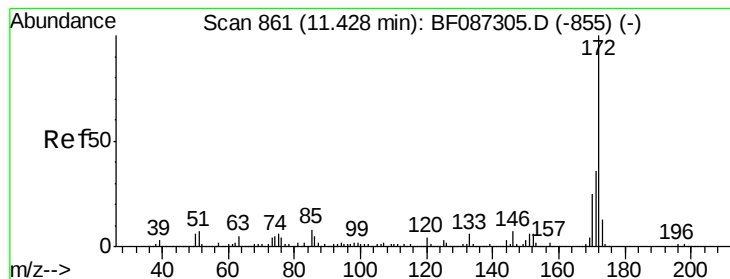
#41
 2,4,6-Tribromophenol
 Concen: 152.56 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087352.D
 Acq: 24 May 2016 23:08

Tgt Ion:330 Resp: 326932
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 42.9 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: 89.98 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.06 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

Instrument :

BNA_F

ClientSampleId :

WC-1

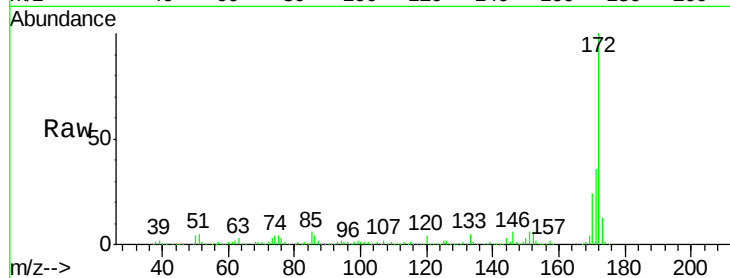
Tgt Ion:172 Resp: 1423324

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

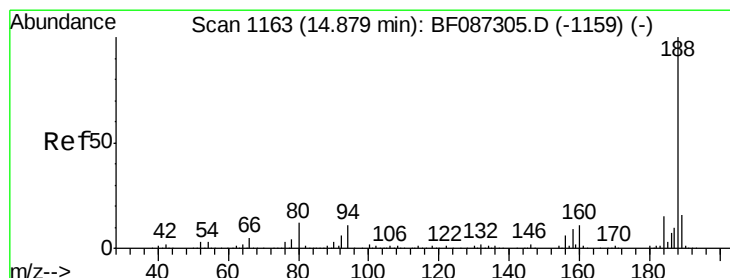
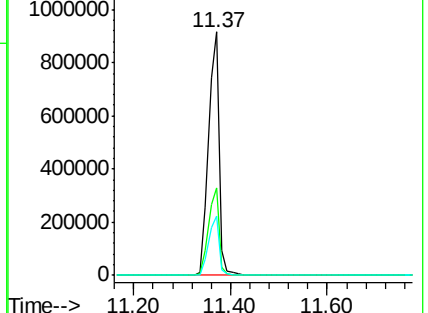
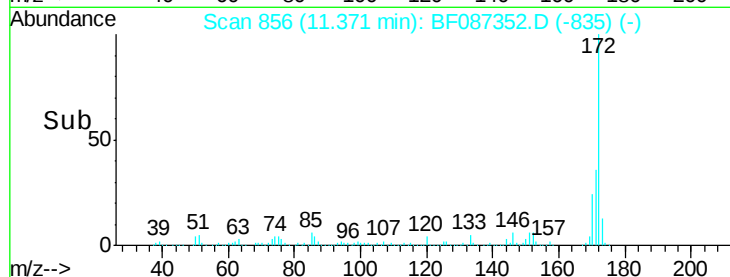
170 24.1 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.06 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

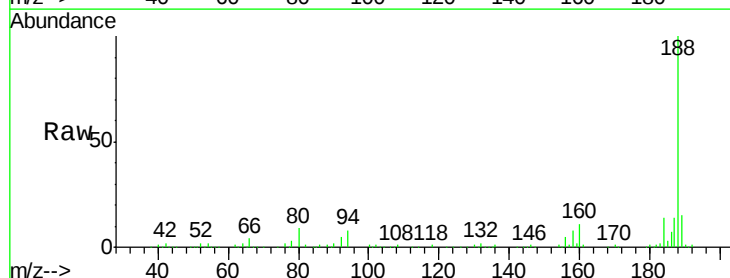
Tgt Ion:188 Resp: 457726

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

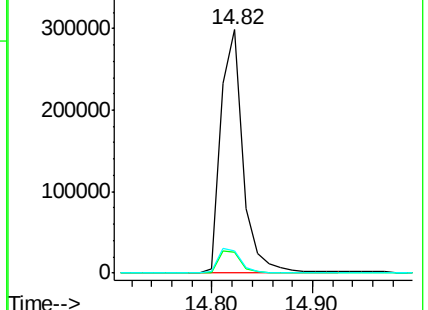
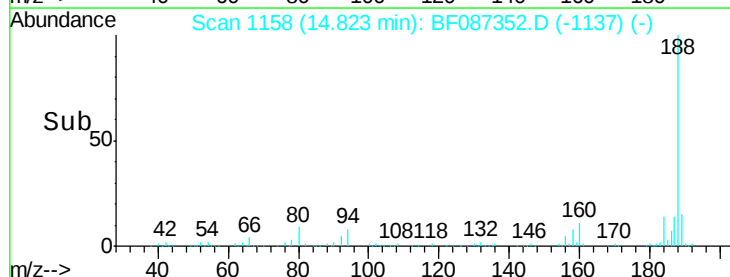
80 9.1 7.1 10.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.51 min Scan# 1481

Delta R.T. -0.05 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

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WC-1

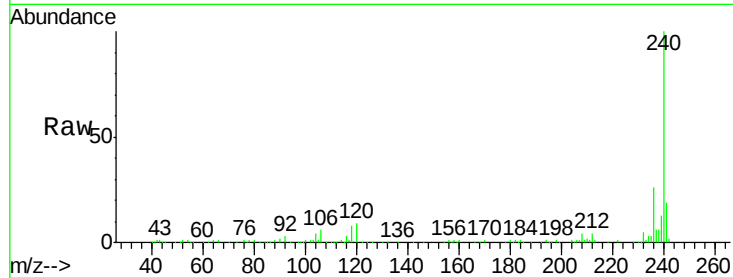
Tgt Ion:240 Resp: 376922

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

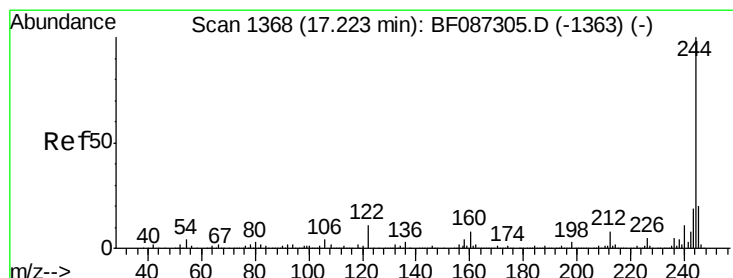
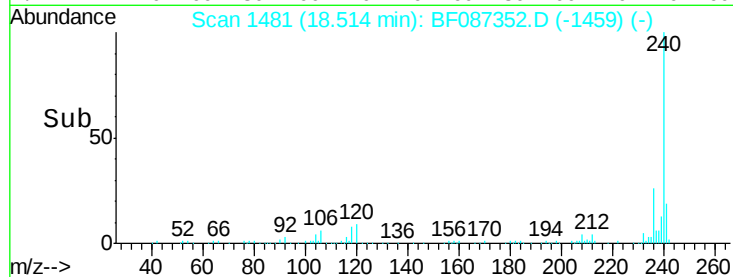
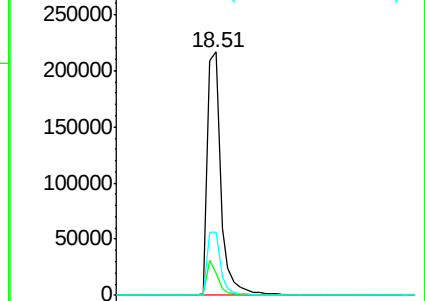
236 25.9 21.2 31.8



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: 82.54 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF087352.D

Acq: 24 May 2016 23:08

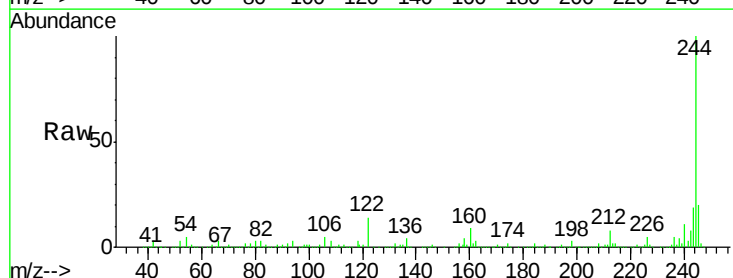
Tgt Ion:244 Resp: 1463431

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

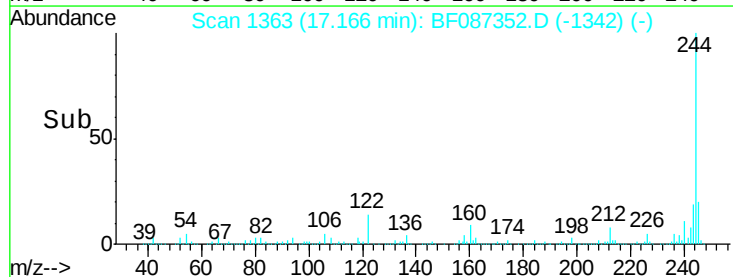
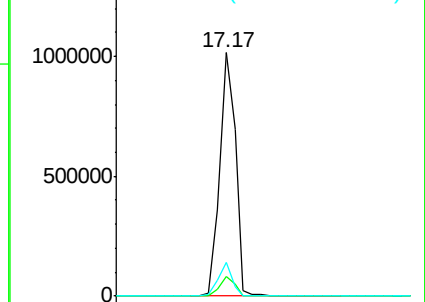
122 13.7 12.0 18.0

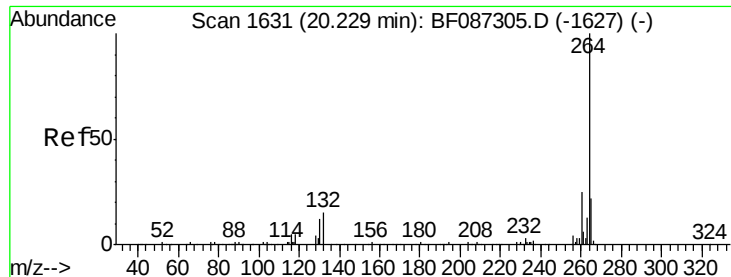


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.17 min Scan# 1626
Delta R.T. -0.06 min
Lab File: BF087352.D
Acq: 24 May 2016 23:08

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:	264	Resp:	270365
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.0	17.3	25.9

