

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052416\
 Data File : BF087346.D
 Acq On : 24 May 2016 19:45
 Operator : UM/SJ
 Sample : PB90822TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90822TB

Quant Time: May 25 00:44:31 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

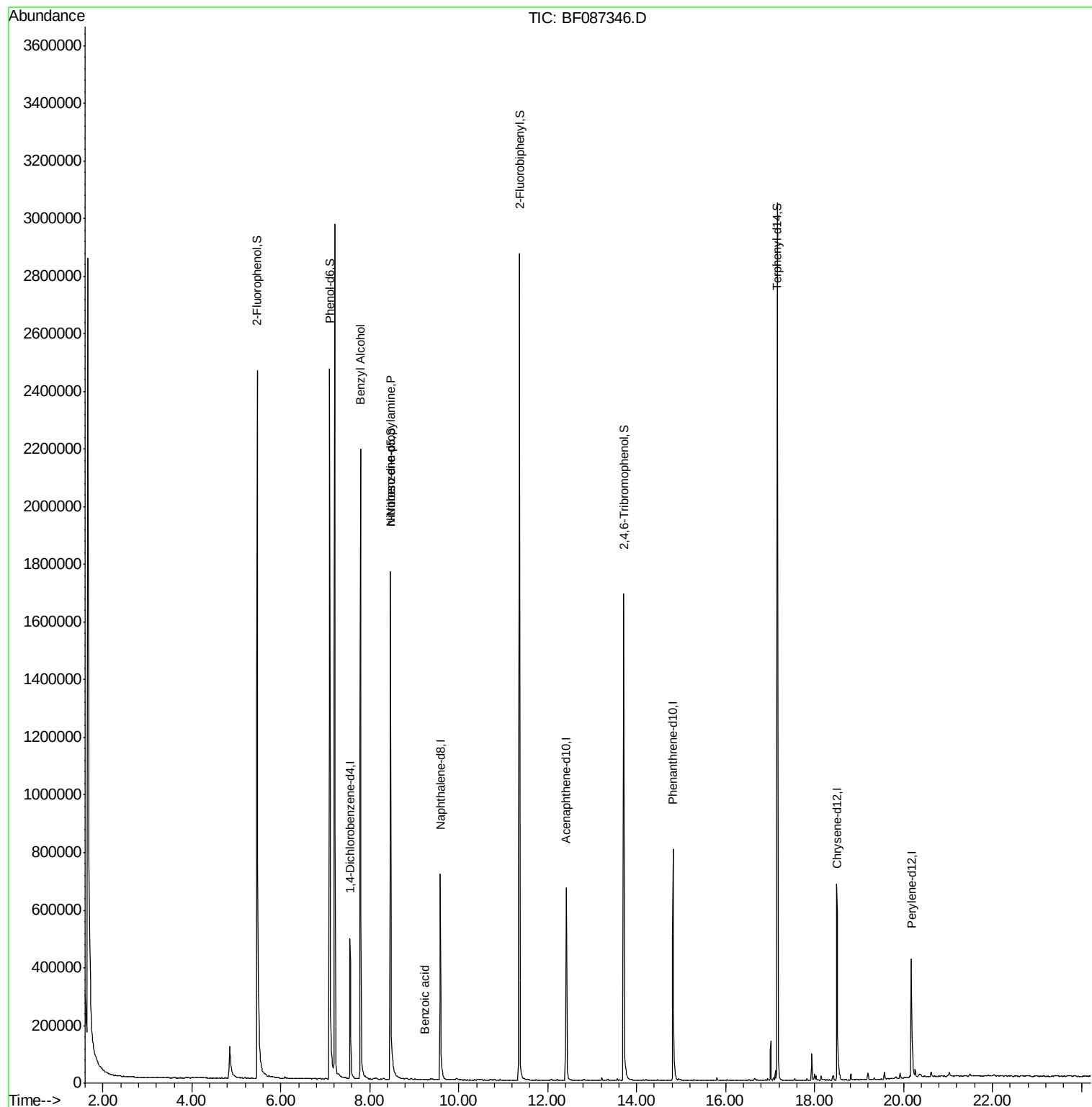
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	113480	20.00	ng	-0.06
21) Naphthalene-d8	9.59	136	462169	20.00	ng	-0.06
38) Acenaphthene-d10	12.41	164	225970	20.00	ng	-0.07
63) Phenanthrene-d10	14.82	188	446558	20.00	ng	-0.06
75) Chrysene-d12	18.51	240	378961	20.00	ng	-0.05
86) Perylene-d12	20.18	264	262297	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	919180	142.33	ng	-0.05
7) Phenol-d6	7.10	99	1137562	130.36	ng	-0.07
23) Nitrobenzene-d5	8.47	82	782041	85.28	ng	-0.07
41) 2,4,6-Tribromophenol	13.71	330	273171	125.80	ng	-0.07
44) 2-Fluorobiphenyl	11.37	172	1369002	85.41	ng	-0.06
78) Terphenyl-d14	17.17	244	1425481	79.97	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	7.79	79	13958	2.19	ng	# 38
19) n-Nitroso-di-n-propylamine	8.47	70	106439	16.36	ng	# 76
32) Benzoic acid	9.23	122	958	6.06	ng	# 1

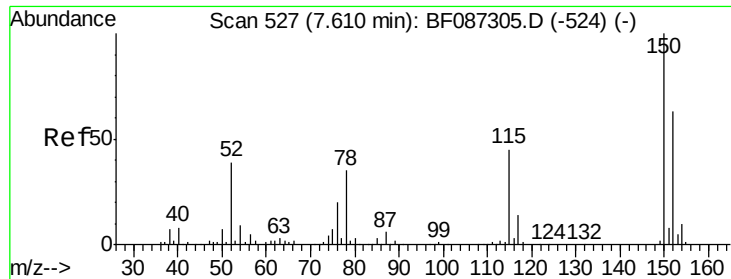
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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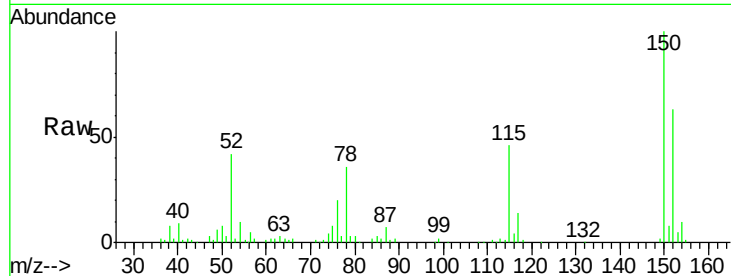


#1

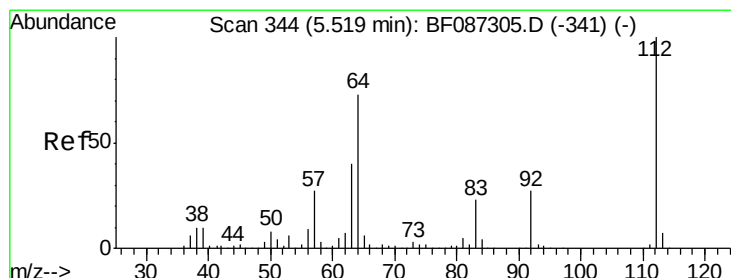
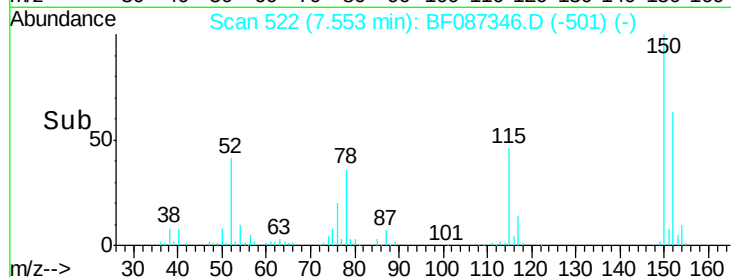
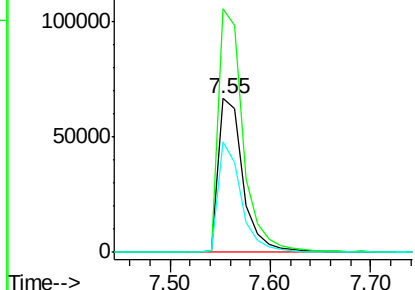
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Instrument :
BNA_F
ClientSampleId :
PB90822TB

Tgt Ion:152 Resp: 113480
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 72.3 51.5 77.3



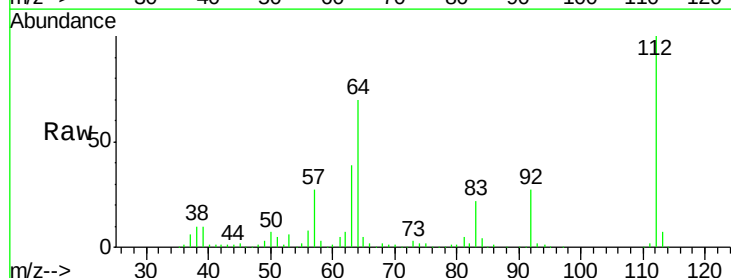
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



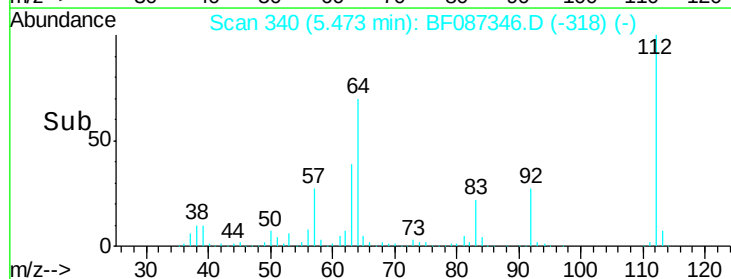
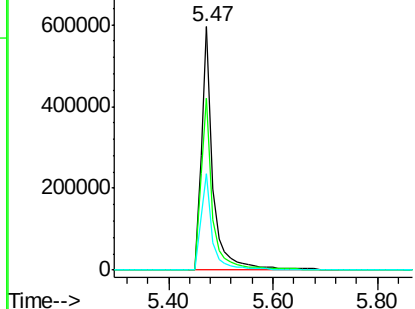
#5

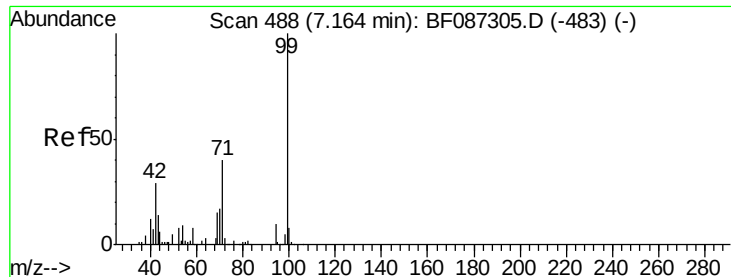
2-Fluorophenol
Concen: 142.33 ng
RT: 5.47 min Scan# 340
Delta R.T. -0.05 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Tgt Ion:112 Resp: 919180
Ion Ratio Lower Upper
112 100
64 70.5 52.1 78.1
63 39.5 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: 130.36 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

BNA_F

ClientSampleId :

PB90822TB

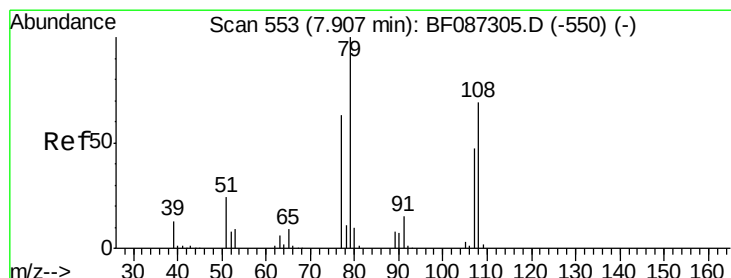
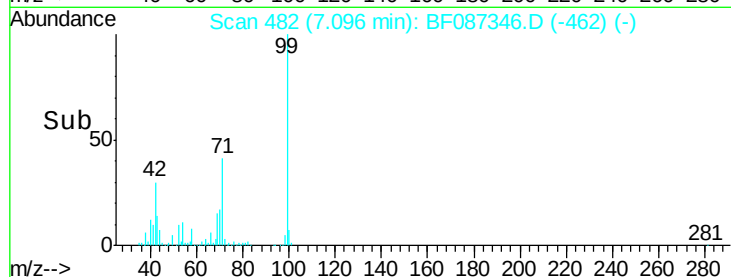
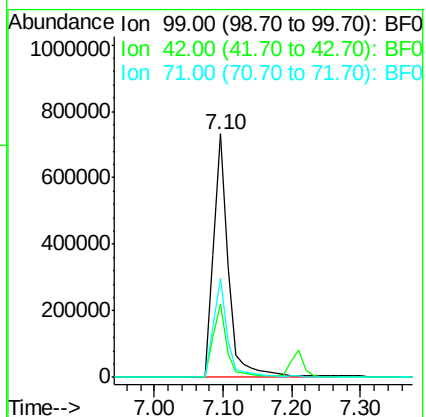
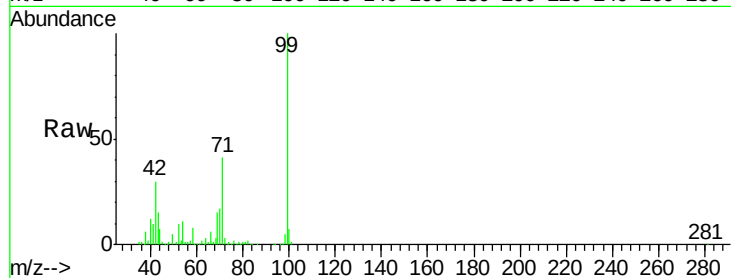
Tgt Ion: 99 Resp: 1137562

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

71 40.7 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.11 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

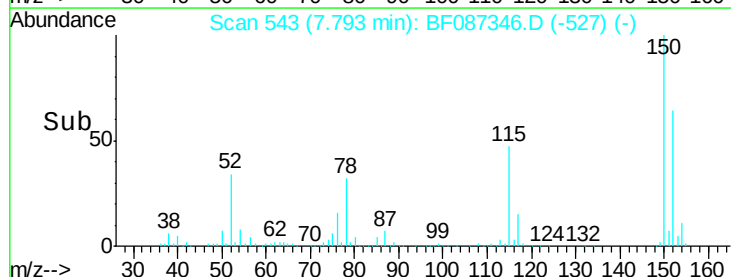
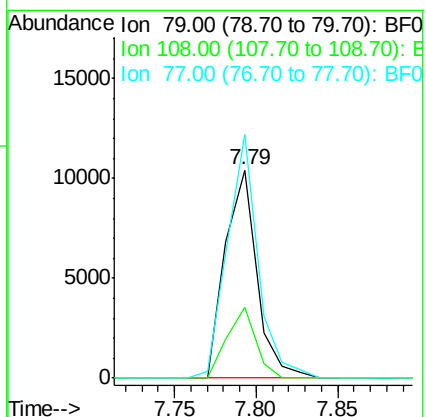
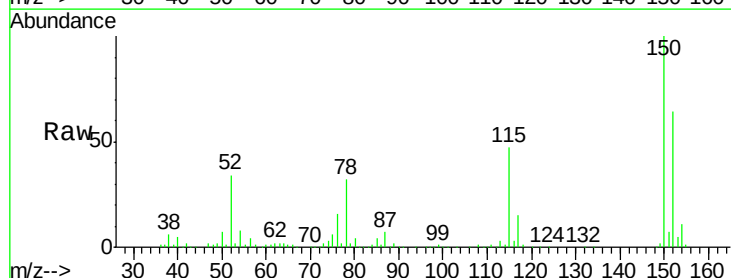
Tgt Ion: 79 Resp: 13958

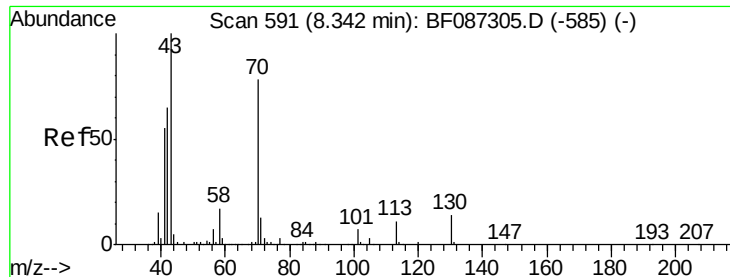
Ion Ratio Lower Upper

79 100

108 34.0 68.4 102.6#

77 117.0 50.6 76.0#

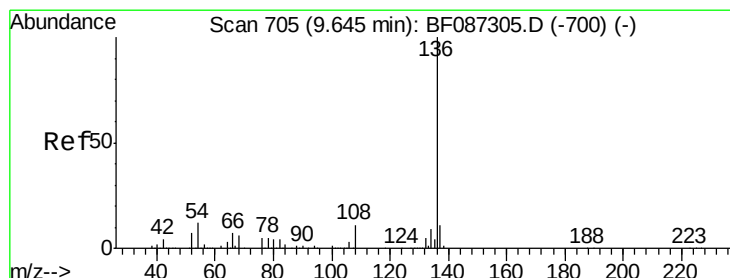
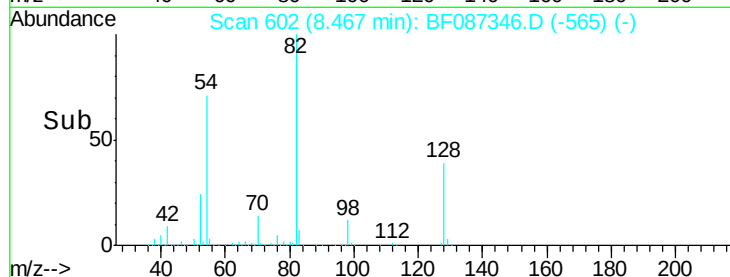
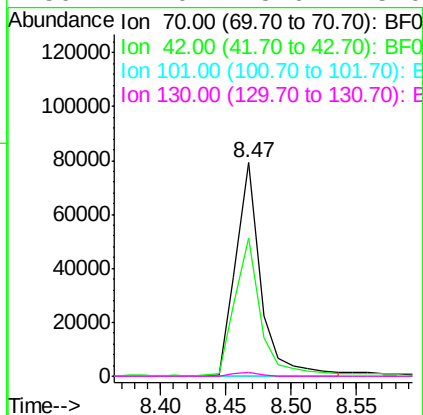
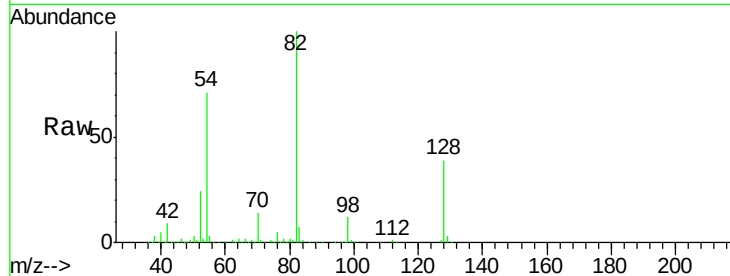




#19
n-Nitroso-di-n-propylamine
Concen: 16.36 ng
RT: 8.47 min Scan# 602
Delta R.T. 0.13 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

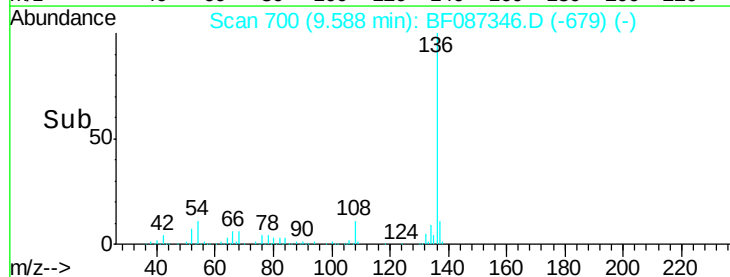
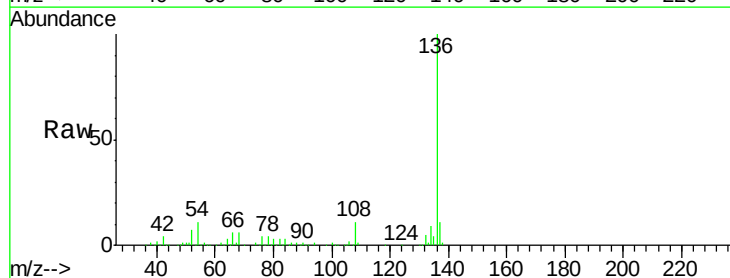
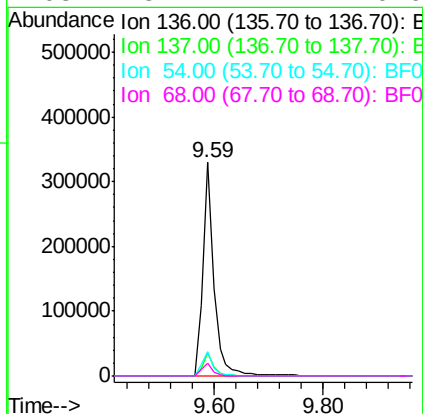
Instrument :
BNA_F
ClientSampleId :
PB90822TB

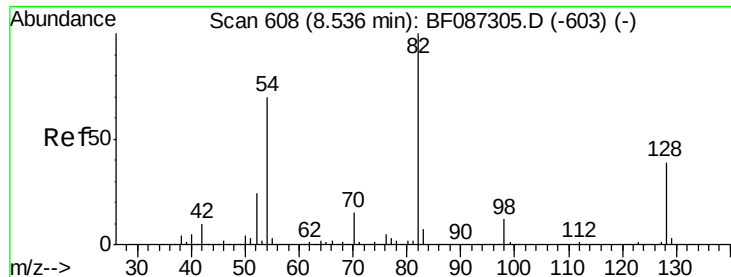
Tgt Ion: 70 Resp: 106439
Ion Ratio Lower Upper
70 100
42 64.6 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.06 min
Lab File: BF087346.D
Acq: 24 May 2016 19:45

Tgt Ion: 136 Resp: 462169
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.1 5.0 7.4#
68 5.7 4.4 6.6

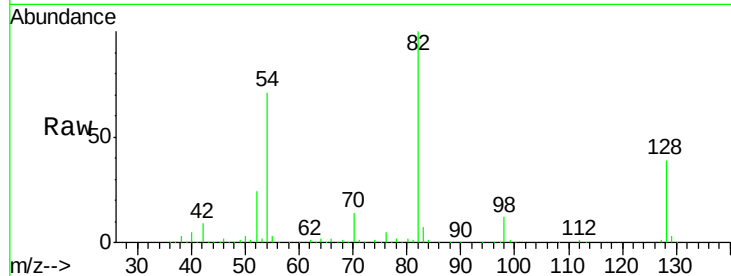




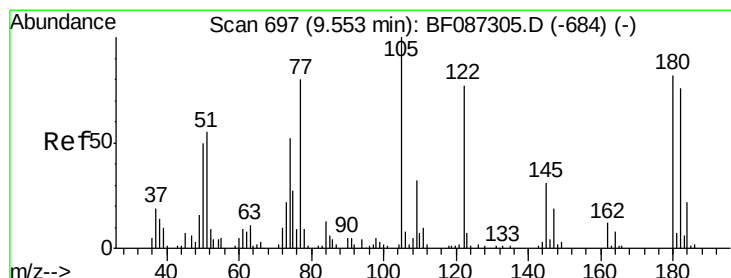
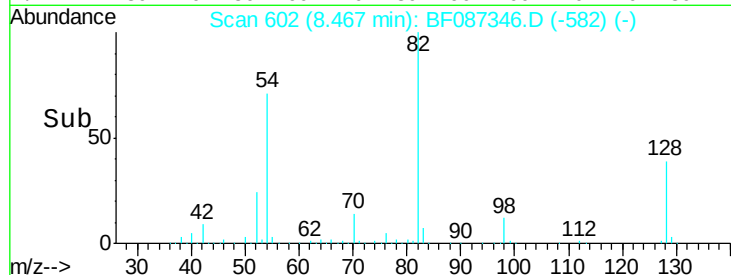
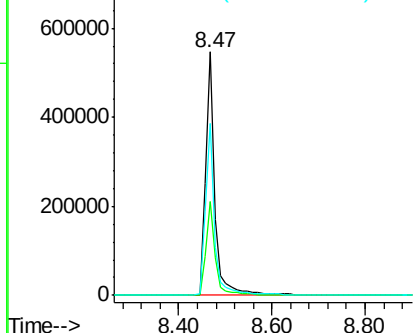
#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.07 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB90822TB

Tgt Ion: 82 Resp: 782041
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 70.5 38.1 57.1#

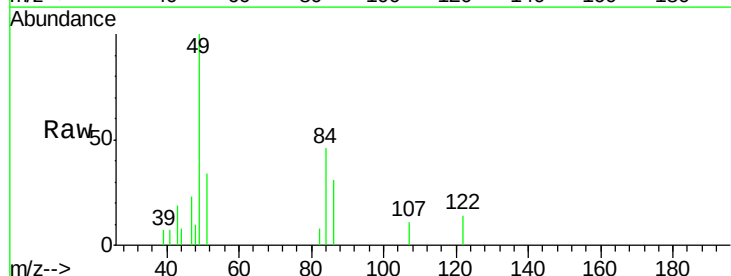


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

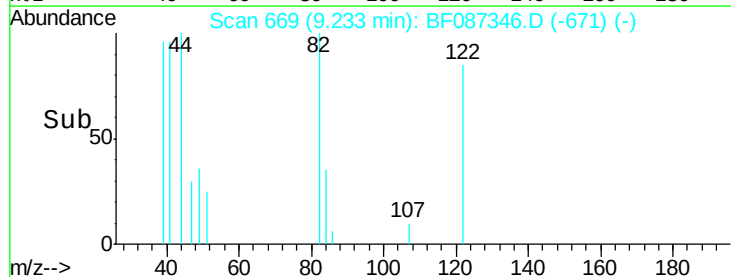
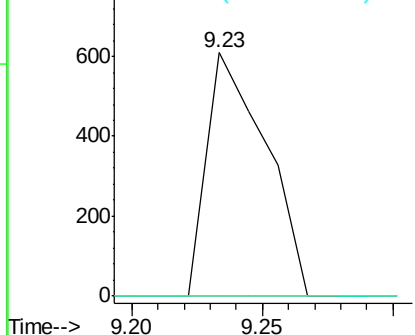


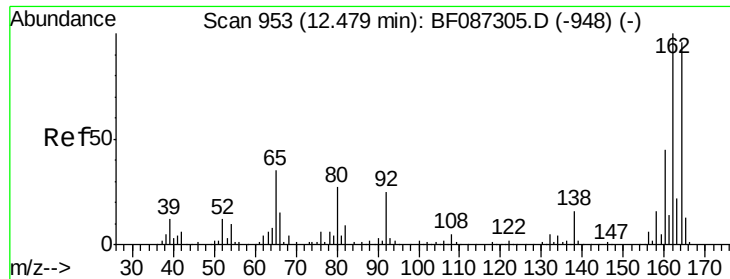
#32
 Benzoic acid
 Concen: 6.06 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.32 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Tgt Ion: 122 Resp: 958
 Ion Ratio Lower Upper
 122 100
 105 0.0 92.6 132.6#
 77 0.0 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

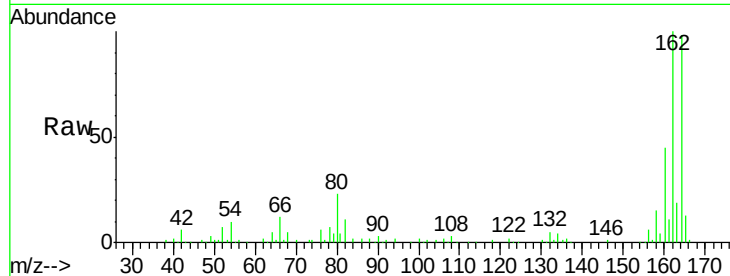




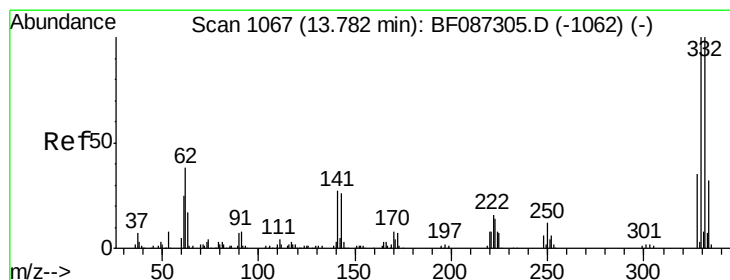
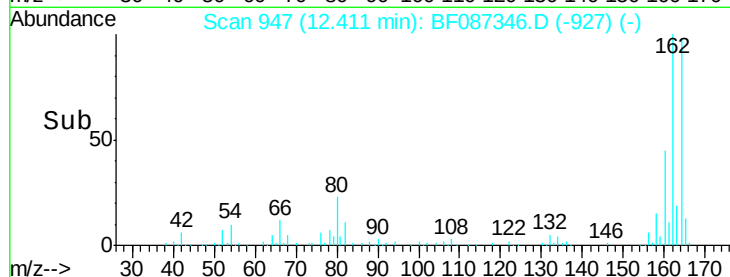
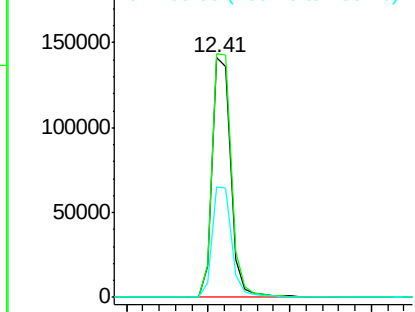
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Instrument :
 BNA_F
 ClientSampleId :
 PB90822TB

Tgt Ion:164 Resp: 225970
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 46.0 36.9 55.3

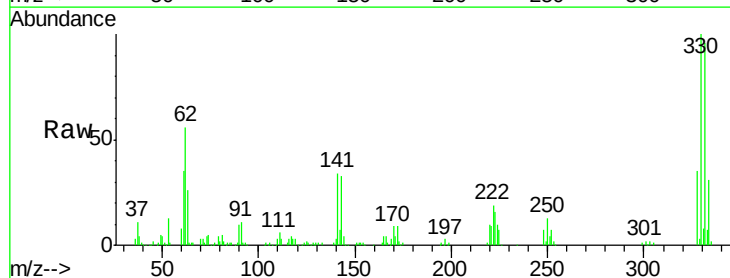


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

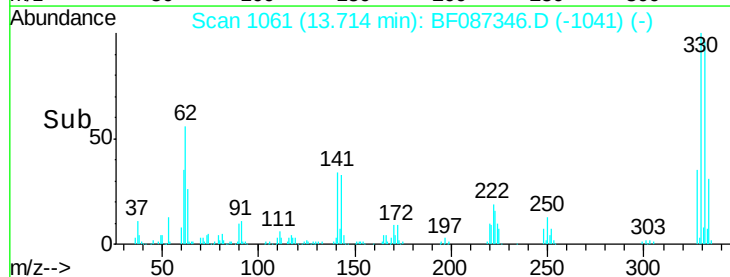
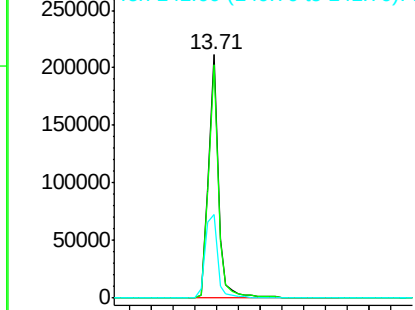


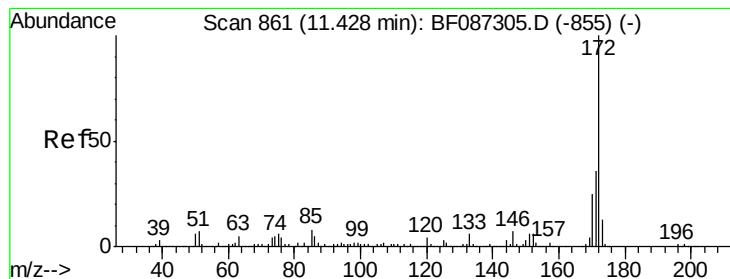
#41
 2,4,6-Tribromophenol
 Concen: 125.80 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.07 min
 Lab File: BF087346.D
 Acq: 24 May 2016 19:45

Tgt Ion:330 Resp: 273171
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 42.8 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: 85.41 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.06 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

BNA_F

ClientSampleId :

PB90822TB

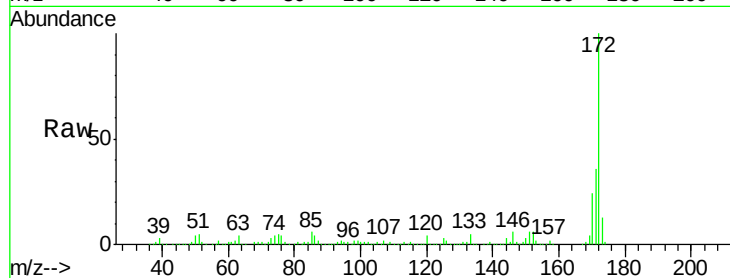
Tgt Ion:172 Resp: 1369002

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

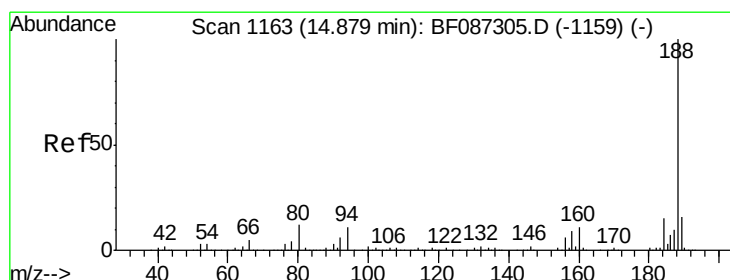
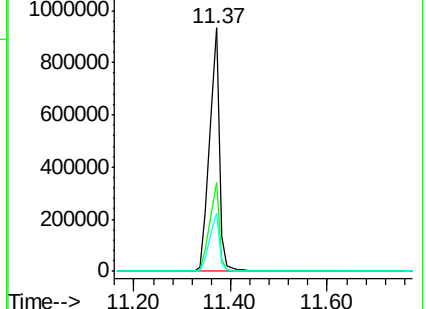
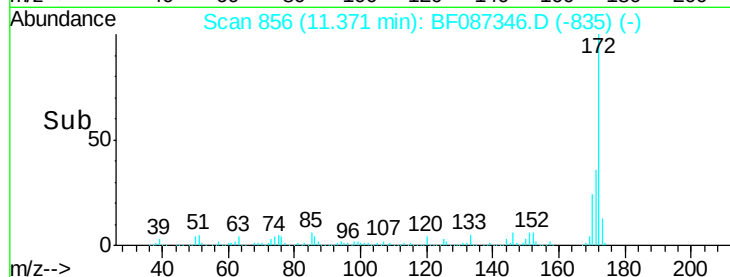
170 23.8 19.8 29.8



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: BF087346.D

Acq: 24 May 2016 19:45

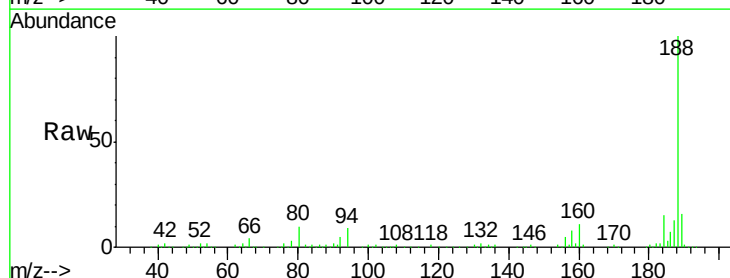
Tgt Ion:188 Resp: 446558

Ion Ratio Lower Upper

188 100

94 9.0 6.8 10.2

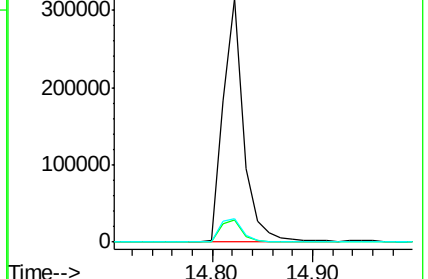
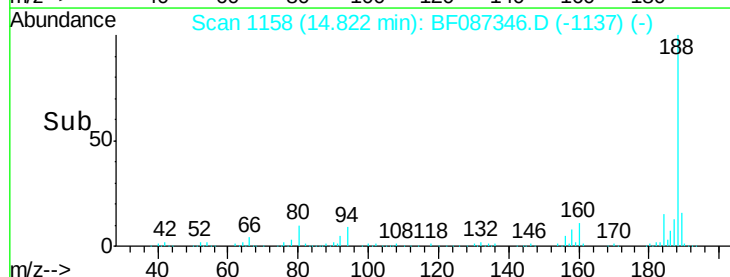
80 9.8 7.1 10.7

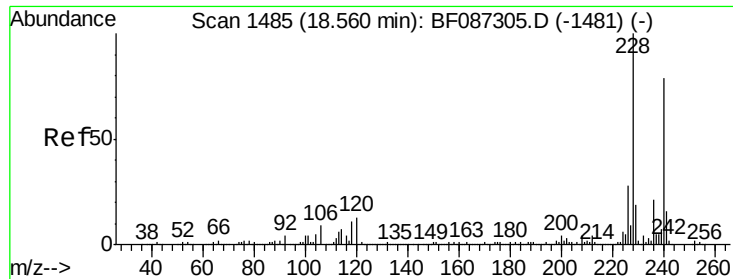


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

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PB90822TB

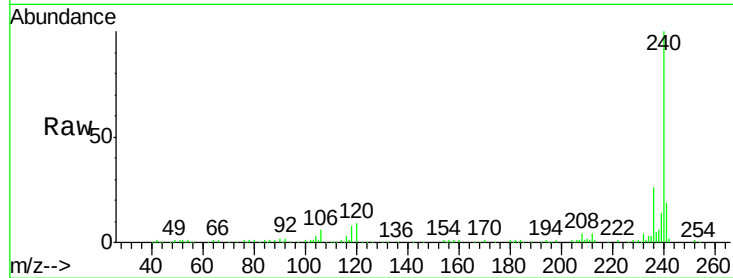
Tgt Ion:240 Resp: 378961

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

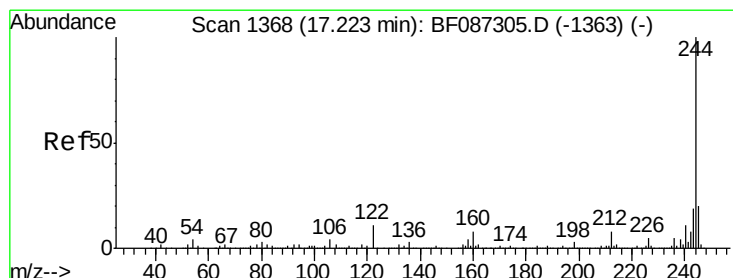
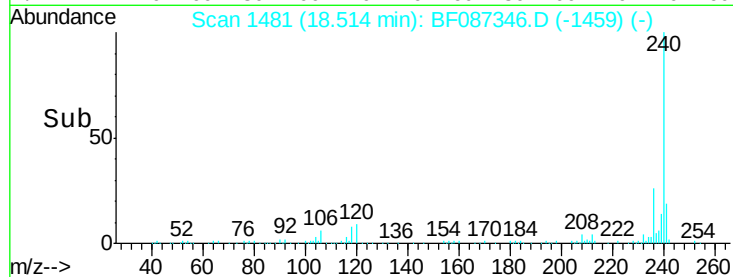
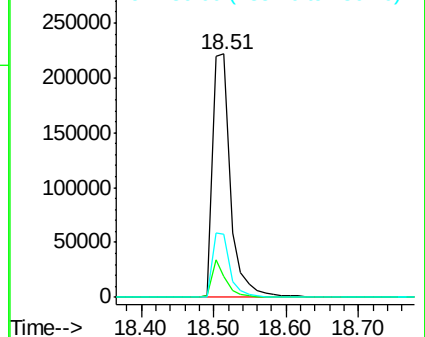
236 25.8 21.2 31.8



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: 79.97 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.06 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

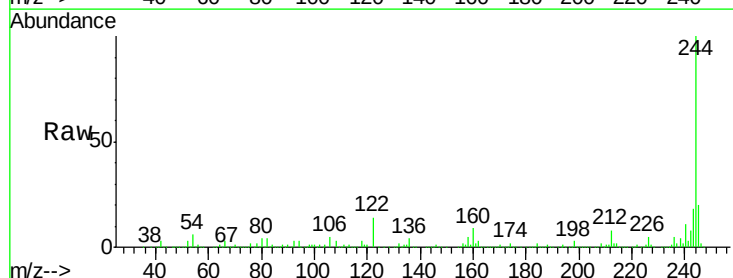
Tgt Ion:244 Resp: 1425481

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

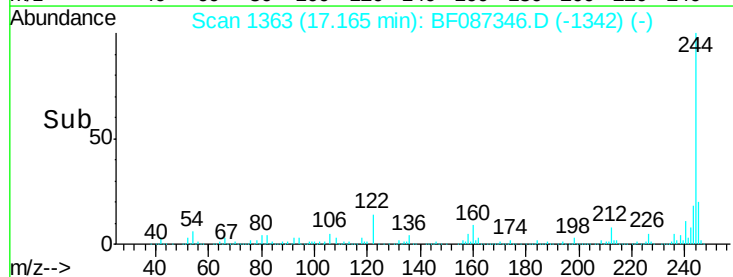
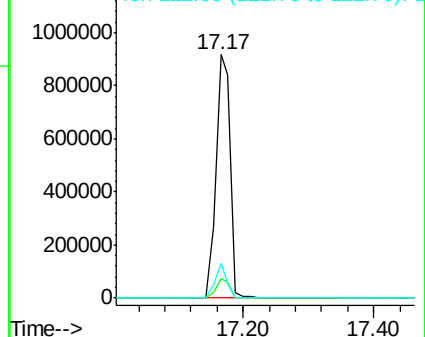
122 14.4 12.0 18.0

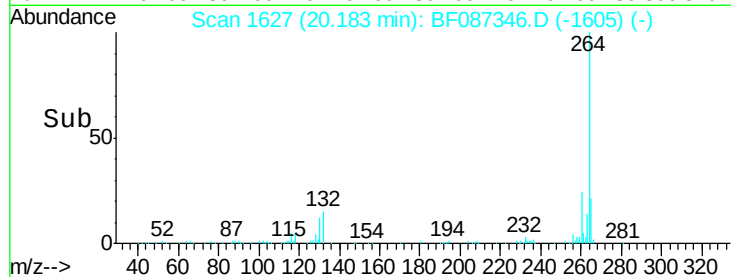
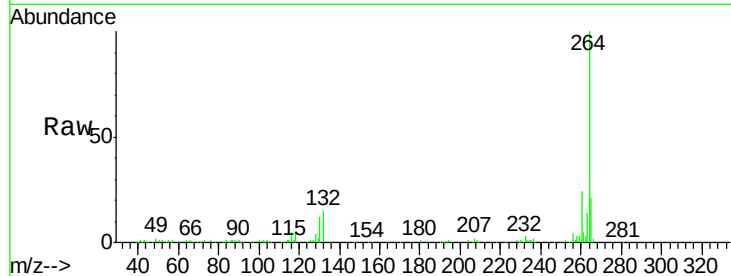
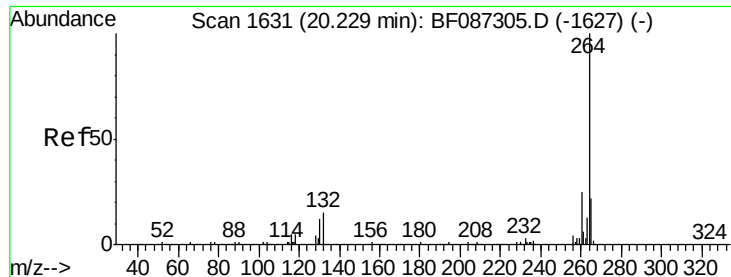


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.18 min Scan# 1627

Delta R.T. -0.05 min

Lab File: BF087346.D

Acq: 24 May 2016 19:45

Instrument :

BNA_F

ClientSampleId :

PB90822TB

Tgt Ion: 264 Resp: 262297

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.3 17.3 25.9

