

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087448.D
 Acq On : 27 May 2016 17:57
 Operator : UM/SJ
 Sample : PB90910BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90910BL

Quant Time: May 27 23:46:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

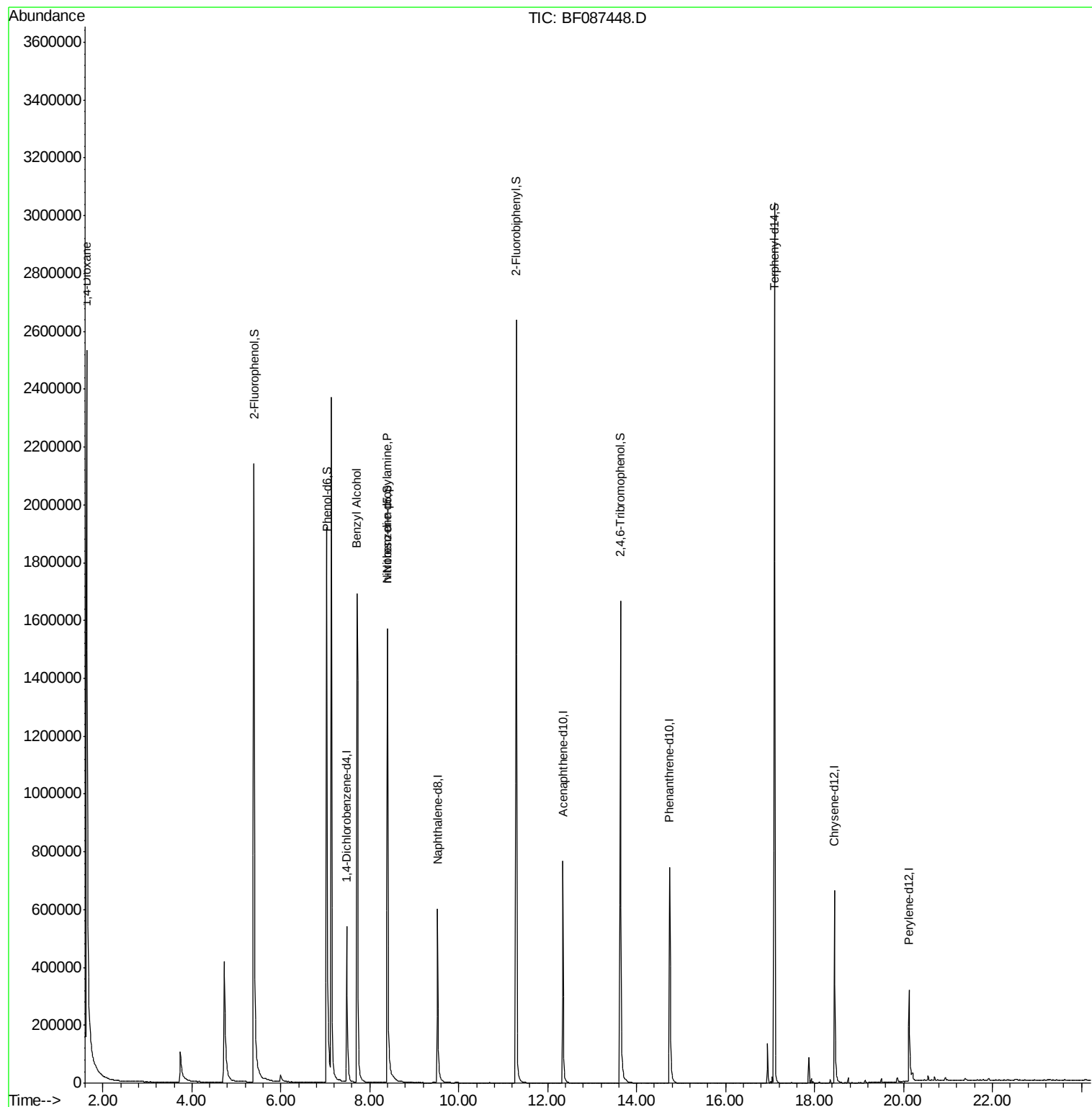
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	112752	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	449665	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	218604	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	429426	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	359786	20.00	ng	-0.03
86) Perylene-d12	20.13	264	232345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	819572	127.72	ng	-0.02
7) Phenol-d6	7.04	99	1086066	125.26	ng	-0.03
23) Nitrobenzene-d5	8.40	82	720534	80.76	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	244820	116.54	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1230438	79.35	ng	-0.05
78) Terphenyl-d14	17.10	244	1264892	74.74	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	92235	27.24	ng	# 22
15) Benzyl Alcohol	7.71	79	12673	2.00	ng	# 42
19) n-Nitroso-di-n-propylamine	8.40	70	94227	14.57	ng	# 74

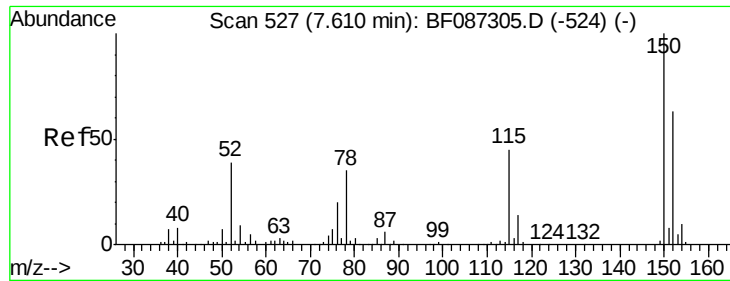
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

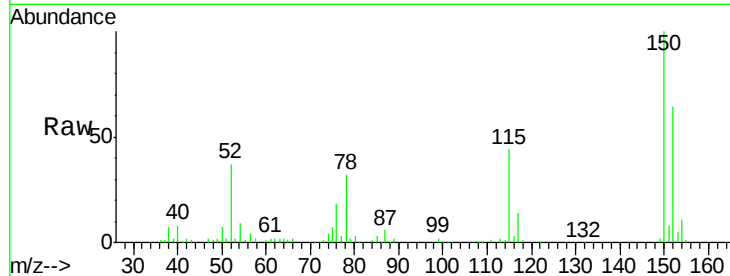
Tgt Ion: 152 Resp: 112752

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

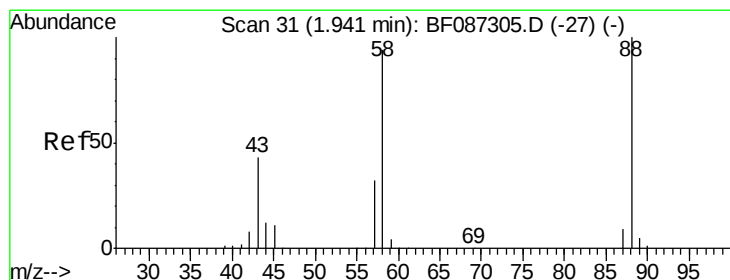
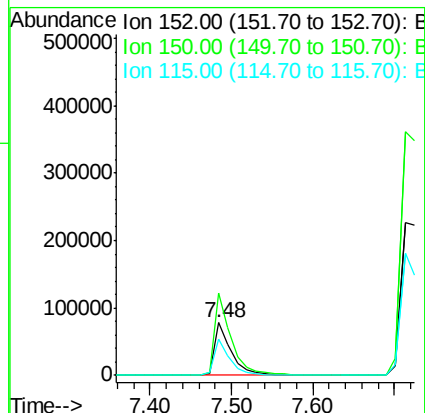
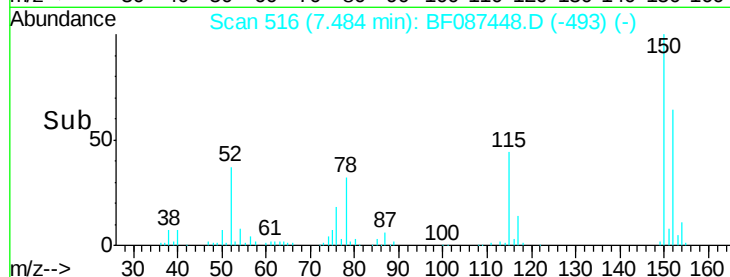
115 68.1 51.5 77.3



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



#2

1,4-Dioxane

Concen: 27.24 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

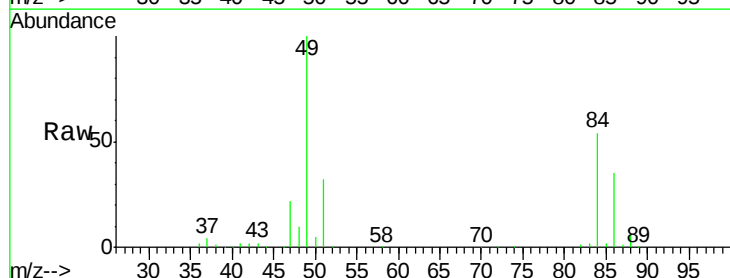
Tgt Ion: 88 Resp: 92235

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

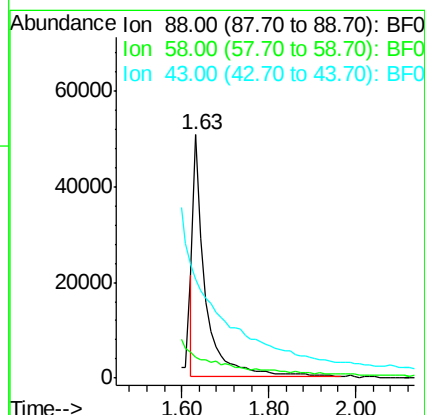
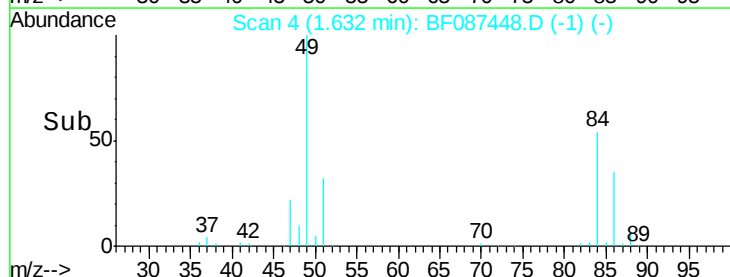
43 0.0 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 127.72 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

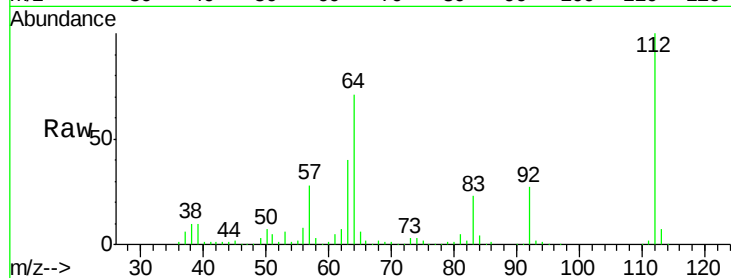
Tgt Ion: 112 Resp: 819572

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

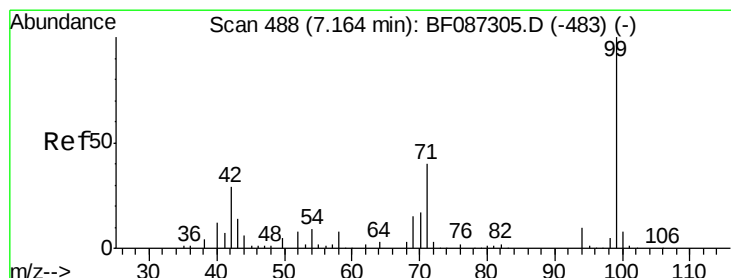
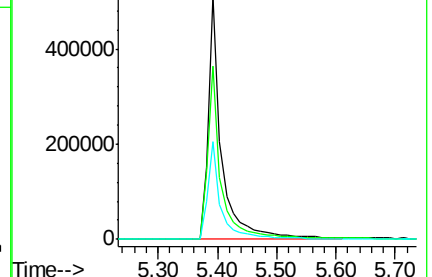
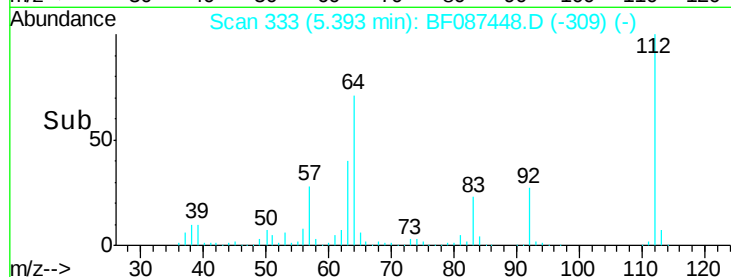
63 40.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 125.26 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

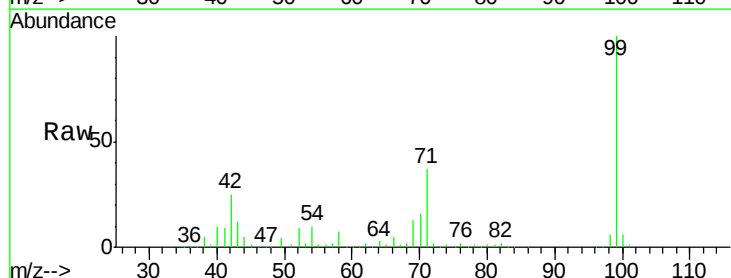
Tgt Ion: 99 Resp: 1086066

Ion Ratio Lower Upper

99 100

42 24.8 13.6 20.4#

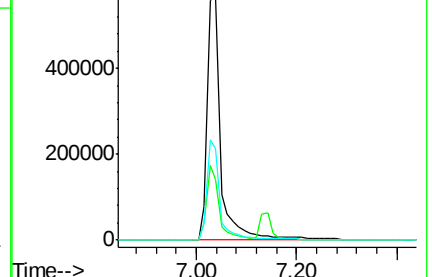
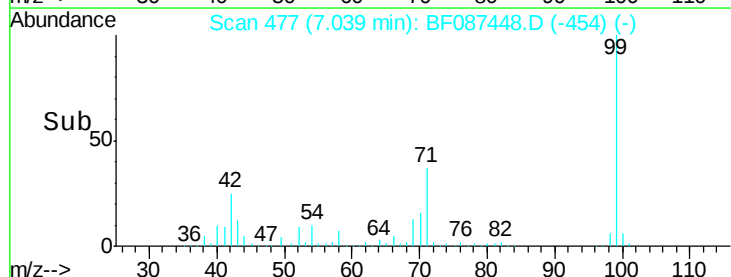
71 37.3 24.6 36.8#

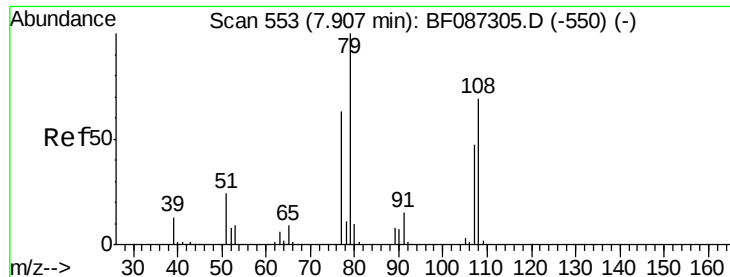


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

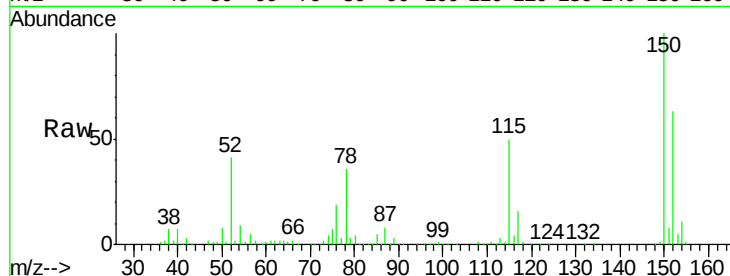
Tgt Ion: 79 Resp: 12673

Ion Ratio Lower Upper

79 100

108 29.2 68.4 102.6#

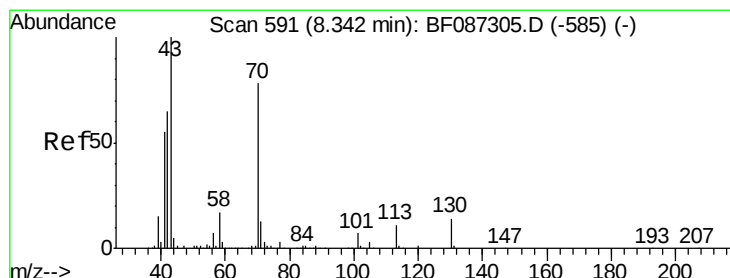
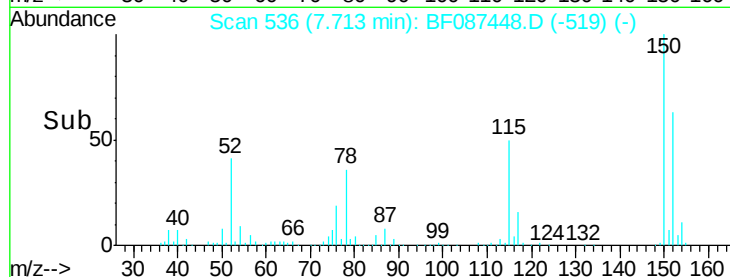
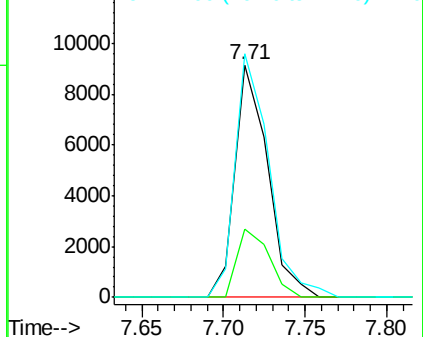
77 104.7 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.57 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Tgt Ion: 70 Resp: 94227

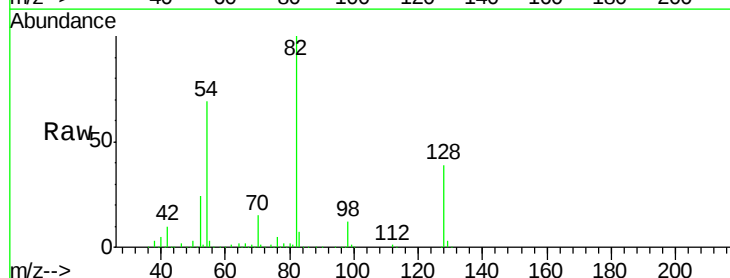
Ion Ratio Lower Upper

70 100

42 66.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

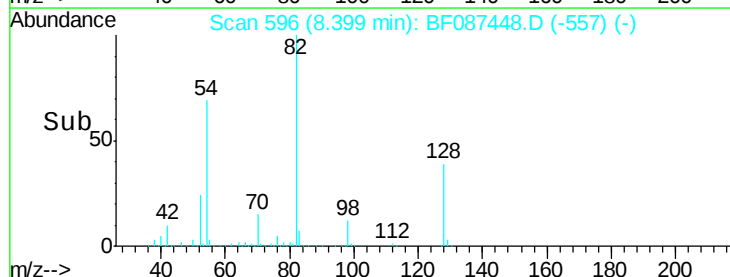
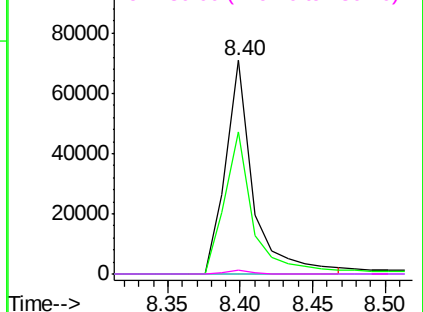


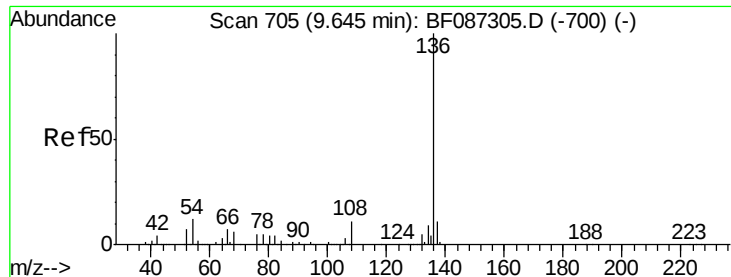
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

Tgt Ion:136 Resp: 449665

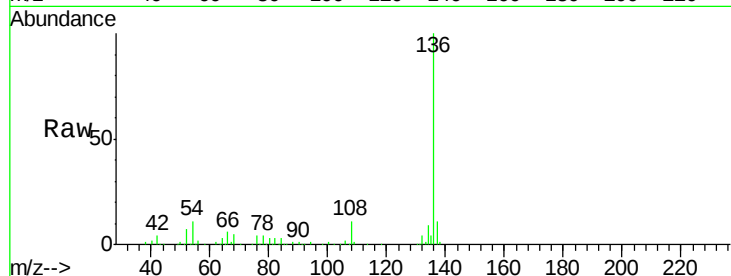
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.7 5.0 7.4#

68 5.3 4.4 6.6

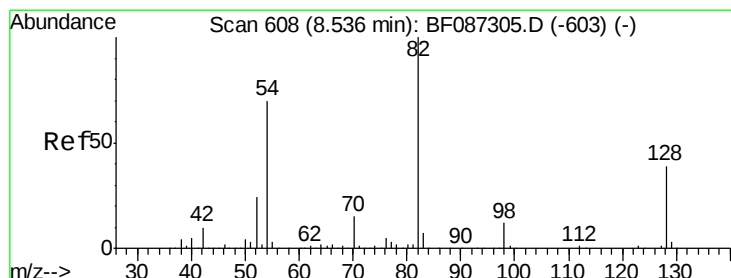
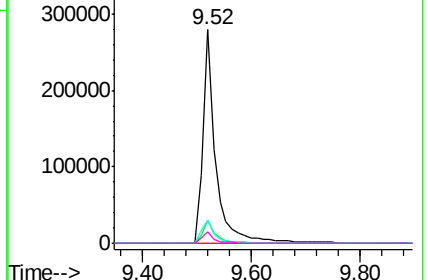
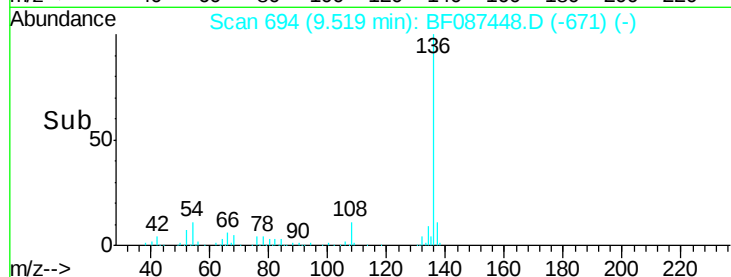


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.76 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

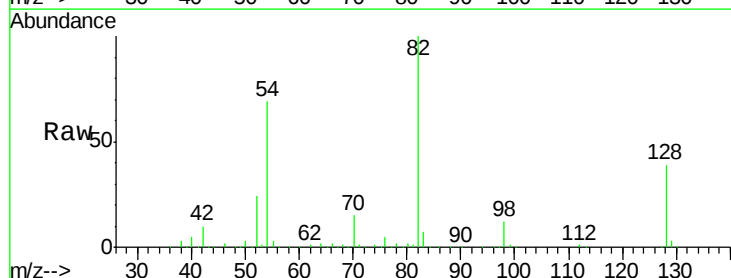
Tgt Ion: 82 Resp: 720534

Ion Ratio Lower Upper

82 100

128 38.7 40.6 61.0#

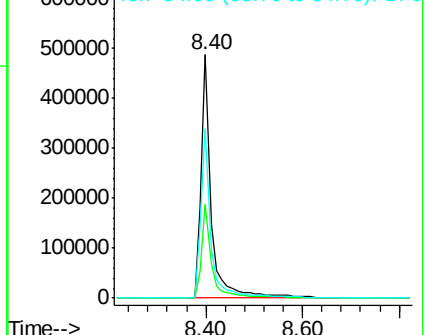
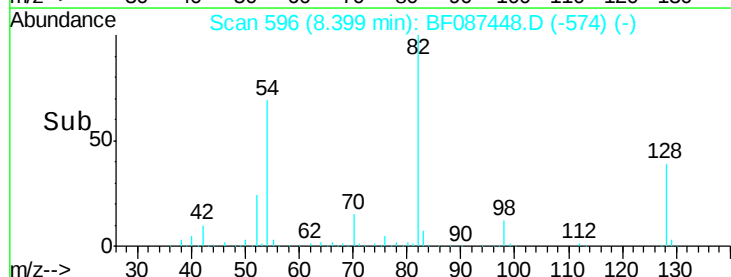
54 69.3 38.1 57.1#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

Instrument :

BNA_F

ClientSampleId :

PB90910BL

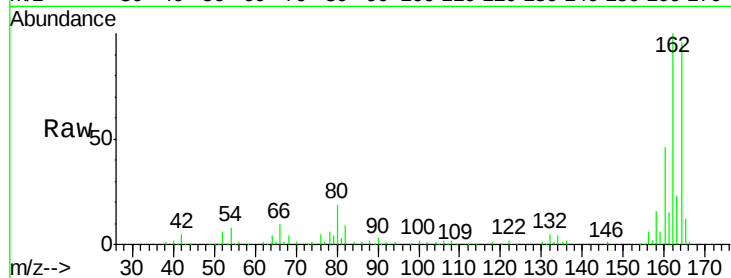
Tgt Ion:164 Resp: 218604

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

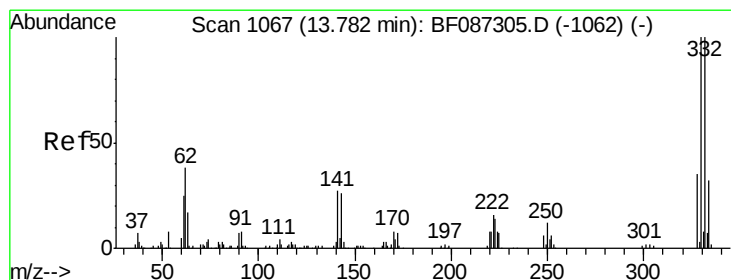
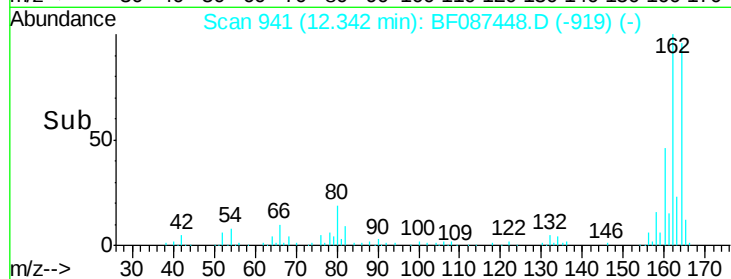
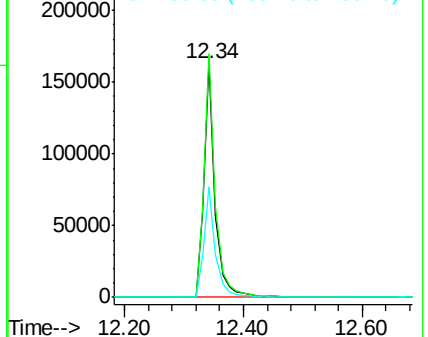
160 47.3 36.9 55.3



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: 116.54 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.05 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

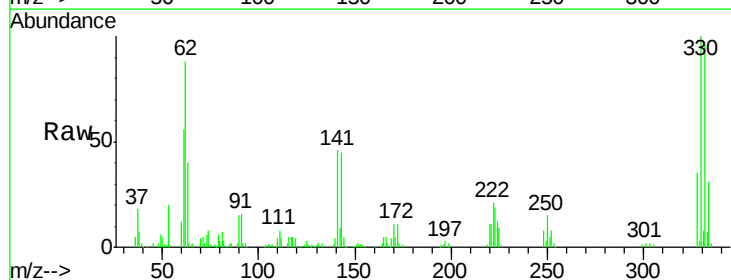
Tgt Ion:330 Resp: 244820

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

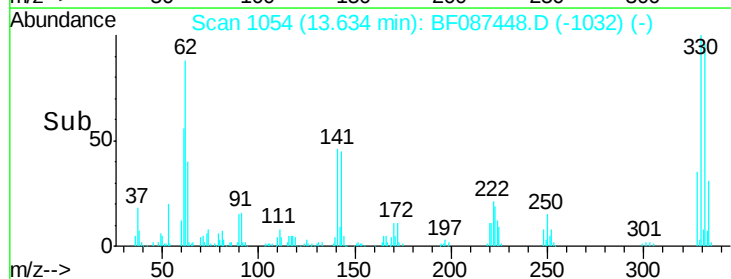
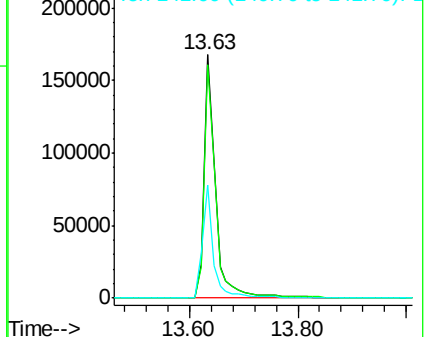
141 44.6 31.2 46.8

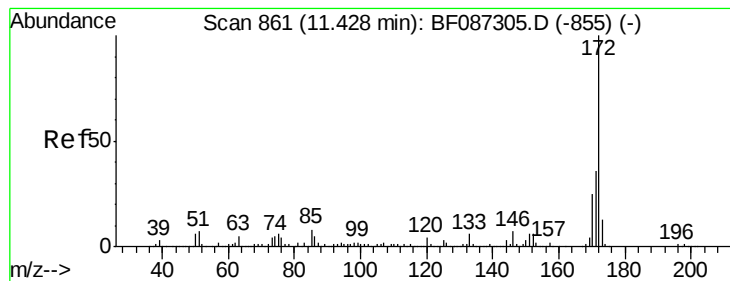


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.35 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087448.D

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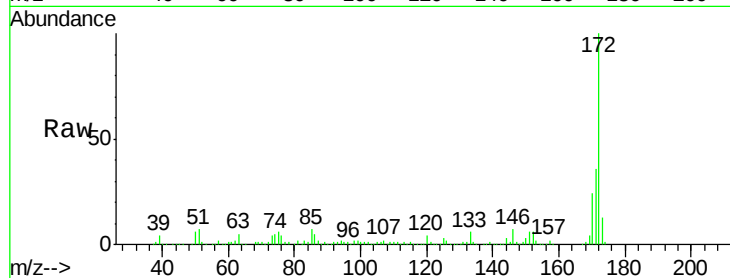
Tgt Ion:172 Resp: 1230438

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

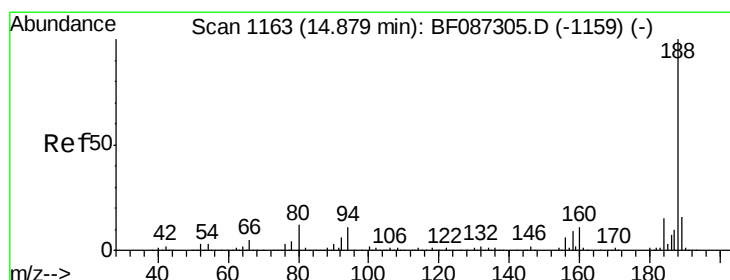
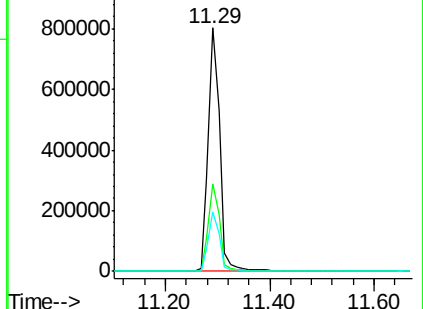
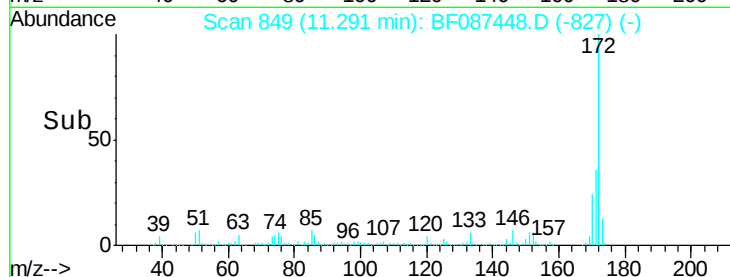
170 24.2 19.8 29.8



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: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

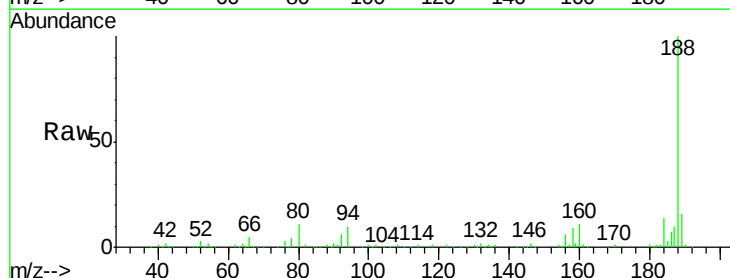
Tgt Ion:188 Resp: 429426

Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

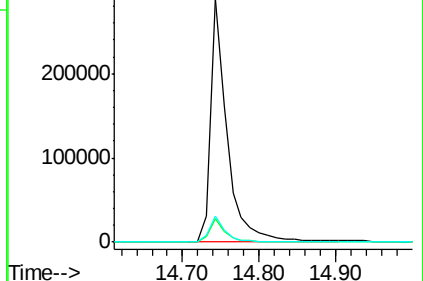
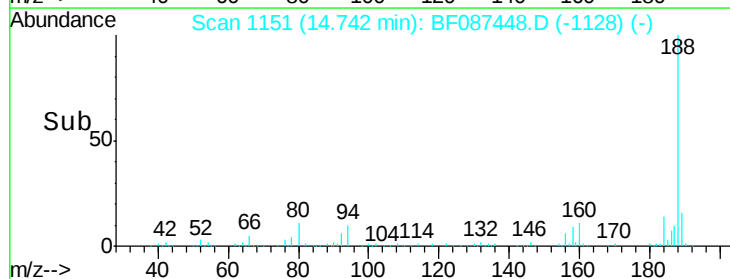
80 10.6 7.1 10.7



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: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

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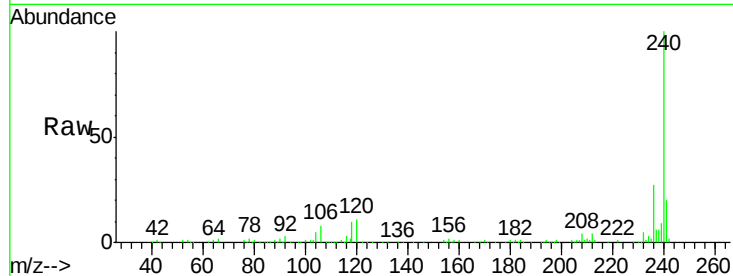
Tgt Ion:240 Resp: 359786

Ion Ratio Lower Upper

240 100

120 11.2 11.2 16.8#

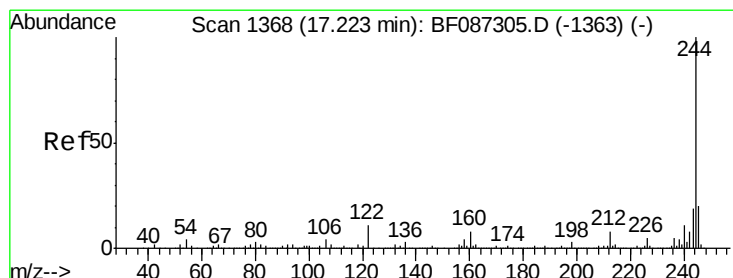
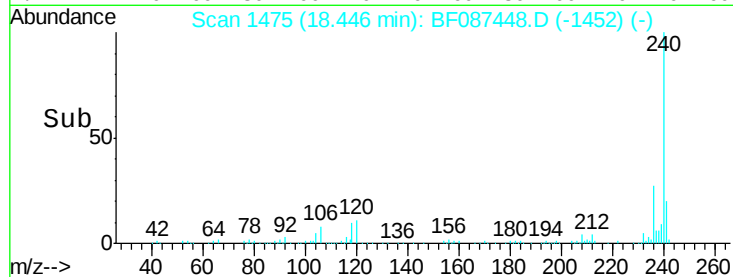
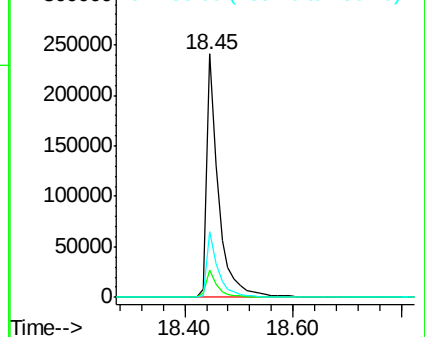
236 26.8 21.2 31.8



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: 74.74 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087448.D

Acq: 27 May 2016 17:57

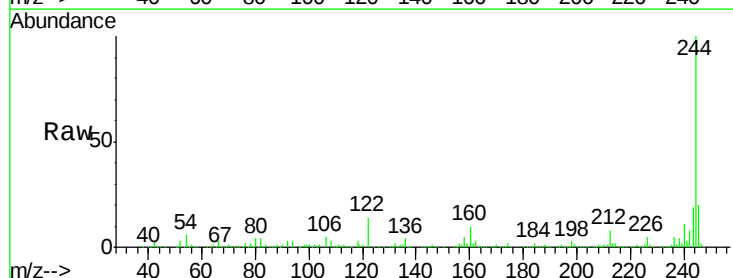
Tgt Ion:244 Resp: 1264892

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

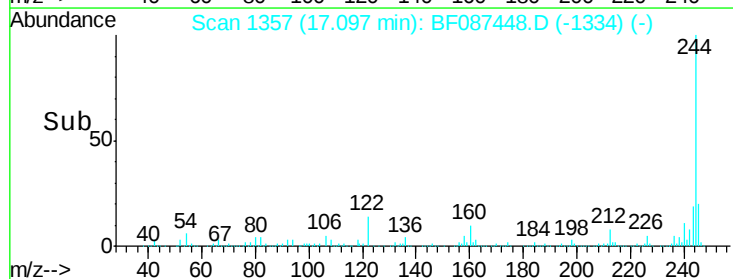
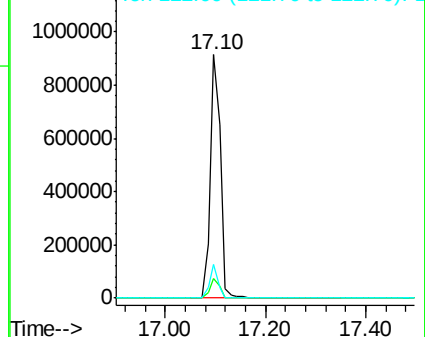
122 14.0 12.0 18.0

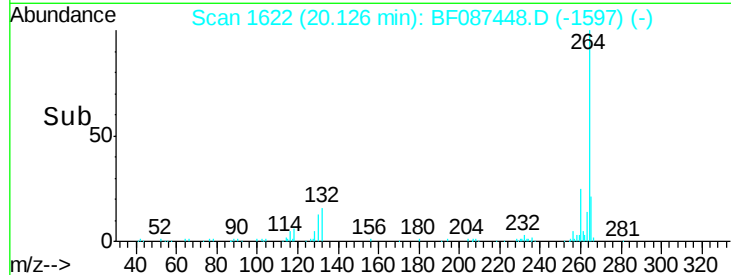
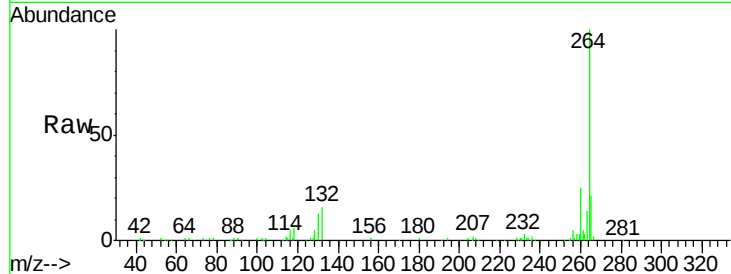
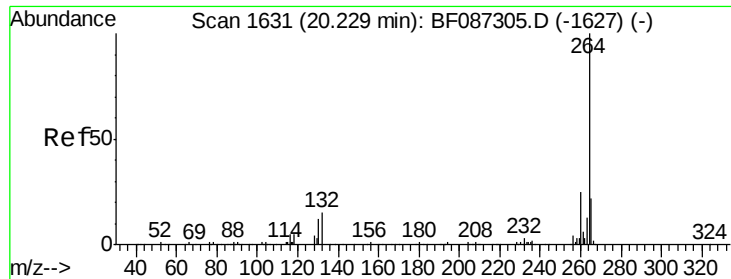


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.13 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF087448.D
Acq: 27 May 2016 17:57

Instrument :
BNA_F
ClientSampleId :
PB90910BL

Tgt Ion:	264	Resp:	232345
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	21.1	17.3	25.9

