

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087338.D
 Acq On : 24 May 2016 12:55
 Operator : UM/SJ
 Sample : H3169-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: May 24 19:06:51 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

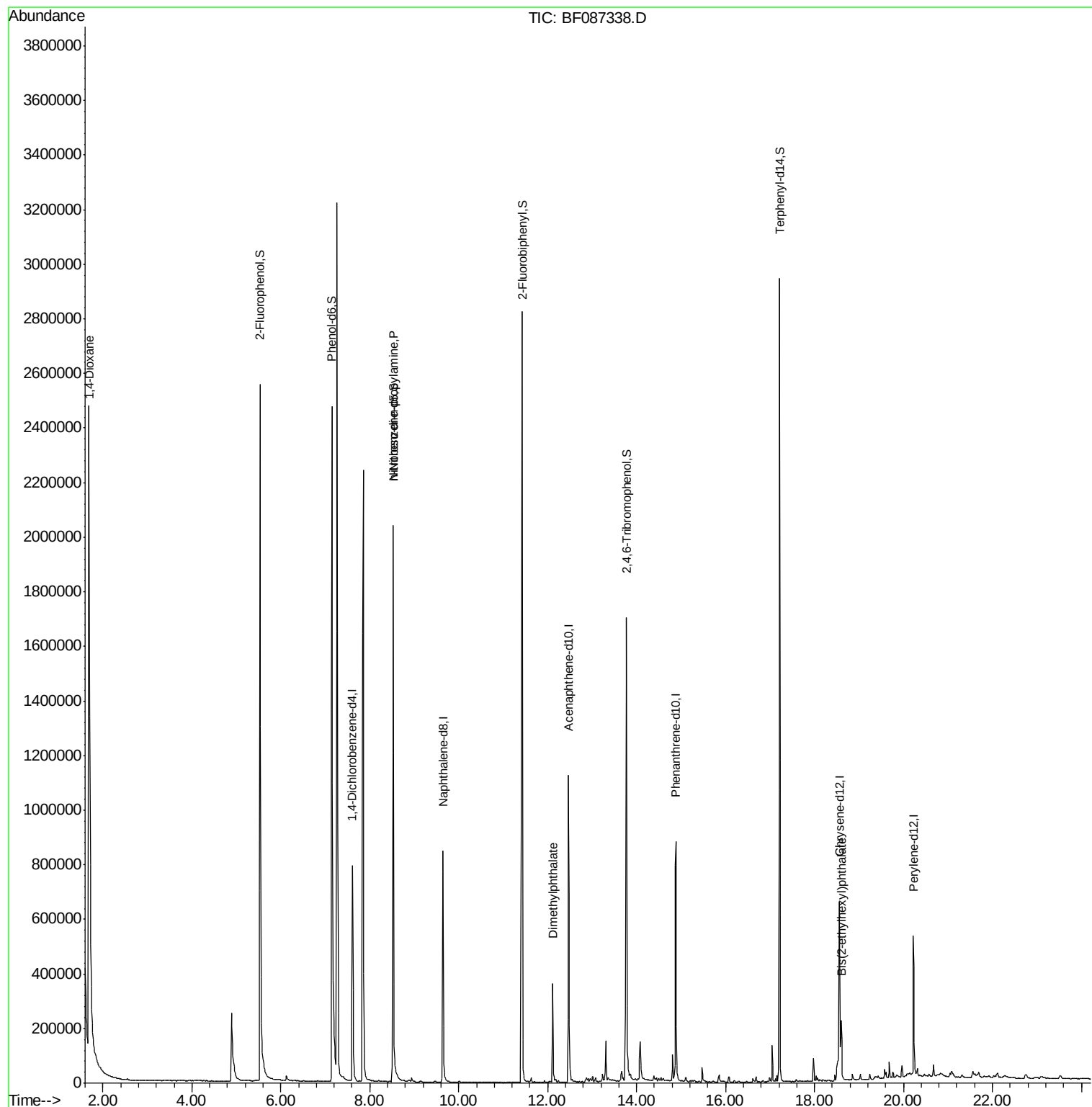
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	150174	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	641015	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	296844	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	531005	20.00	ng	0.00
75) Chrysene-d12	18.56	240	358282	20.00	ng	0.00
86) Perylene-d12	20.22	264	283111	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	955328	111.78	ng	0.01
7) Phenol-d6	7.15	99	1310851	113.51	ng	-0.01
23) Nitrobenzene-d5	8.52	82	885768	69.64	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	286619	100.48	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1488449	70.69	ng	0.00
78) Terphenyl-d14	17.21	244	1137696	67.51	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	114617	25.42	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	121494	14.11	ng	# 75
49) Dimethylphthalate	12.11	163	206760	8.70	ng	99
83) Bis(2-ethylhexyl)phthalate	18.61	149	109215	6.54	ng	# 98

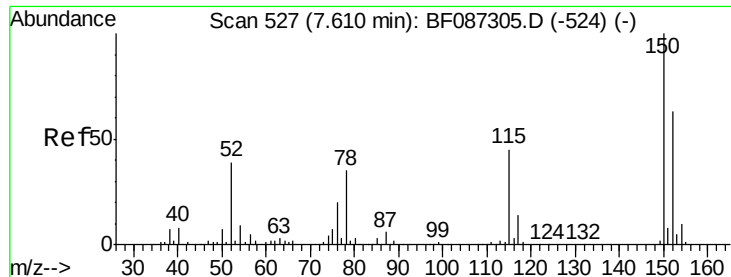
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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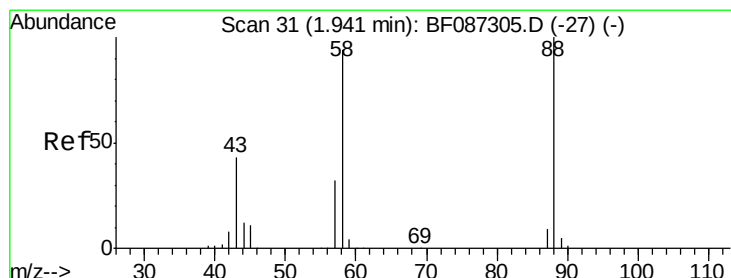
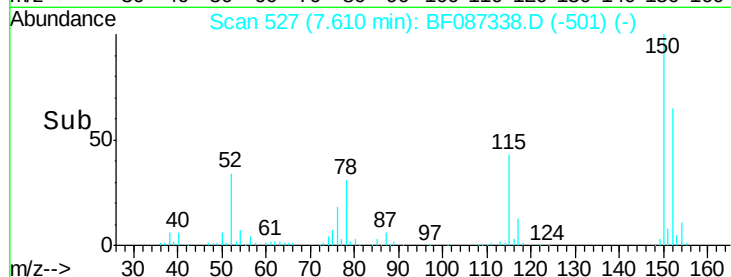
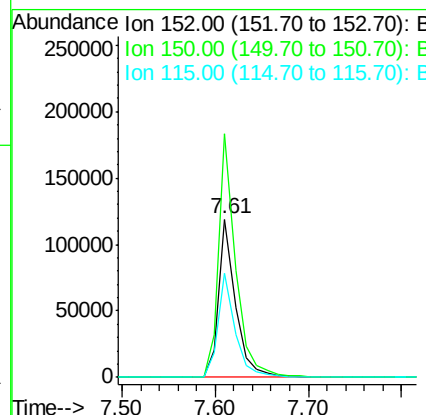
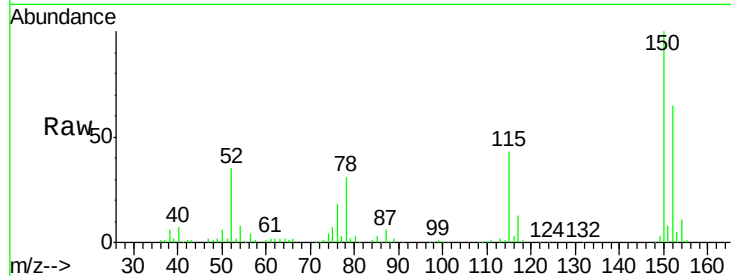


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087338.D
Acq: 24 May 2016 12:55

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

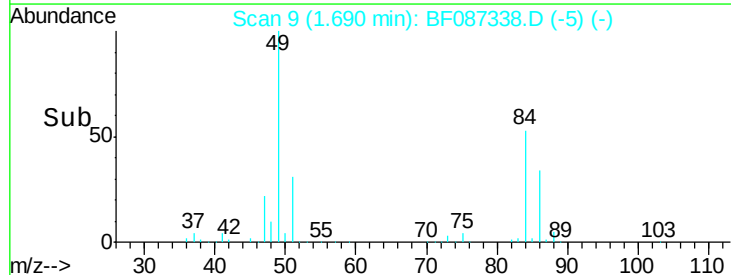
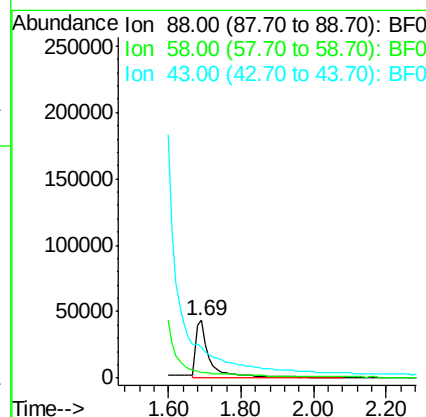
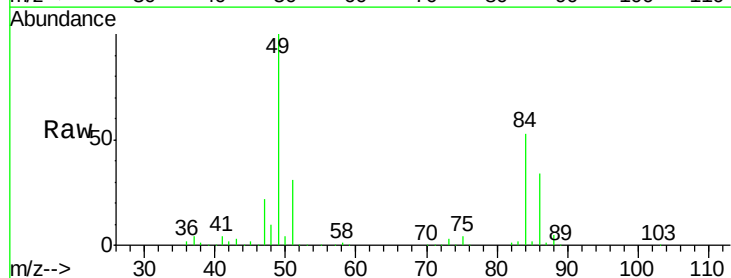
Tgt Ion:152 Resp: 150174
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 65.5 51.5 77.3

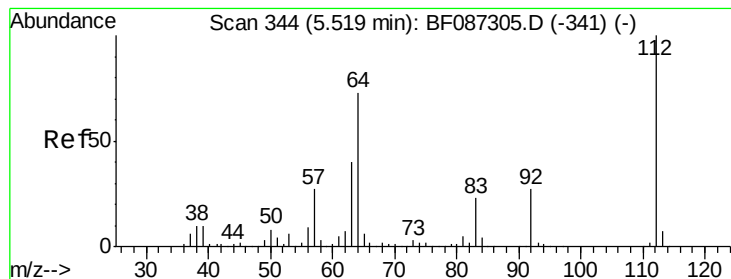


#2

1,4-Dioxane
Concen: 25.42 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.25 min
Lab File: BF087338.D
Acq: 24 May 2016 12:55

Tgt Ion: 88 Resp: 114617
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#





#5

2-Fluorophenol

Concen: 111.78 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

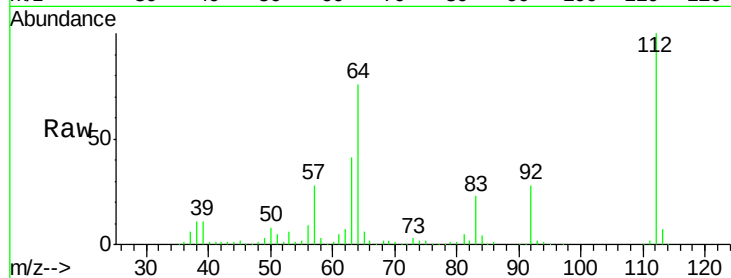
Tgt Ion: 112 Resp: 955328

Ion Ratio Lower Upper

112 100

64 75.9 52.1 78.1

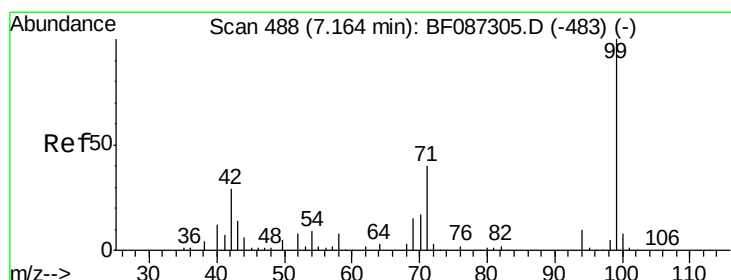
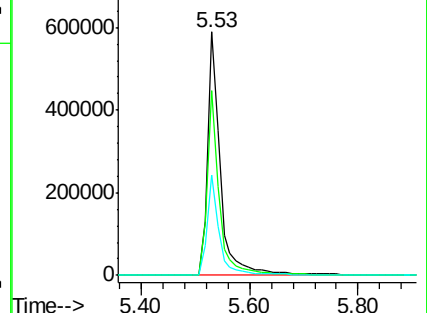
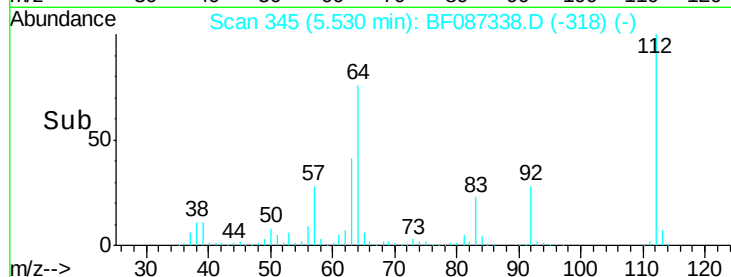
63 41.4 25.7 38.5#



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: 113.51 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

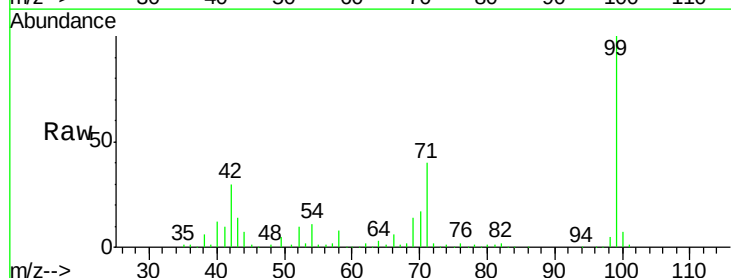
Tgt Ion: 99 Resp: 1310851

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

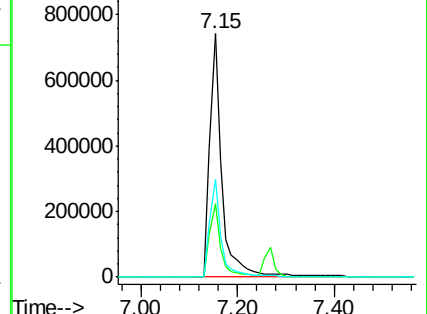
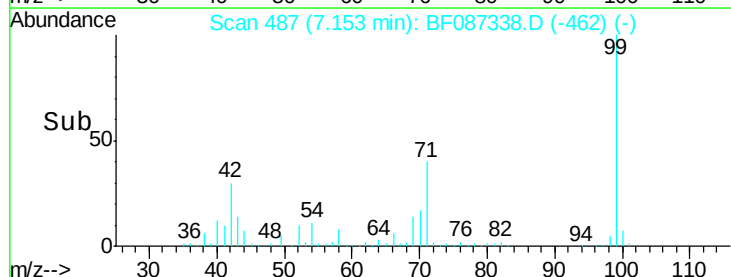
71 39.9 24.6 36.8#

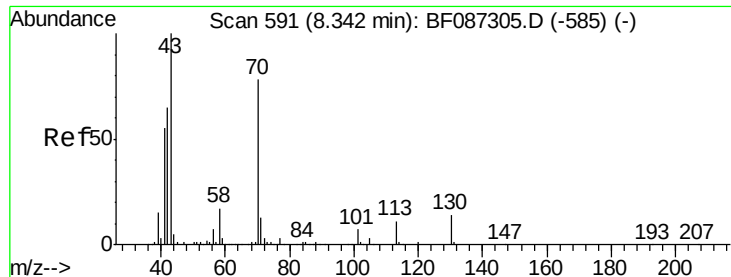


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

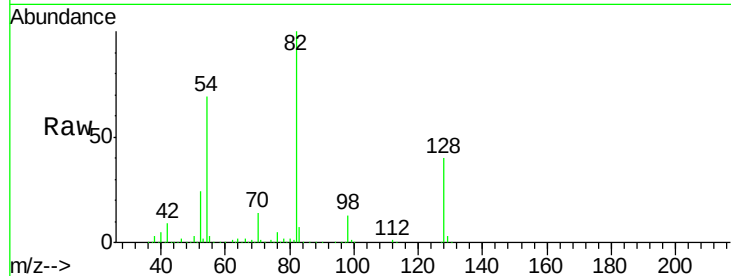




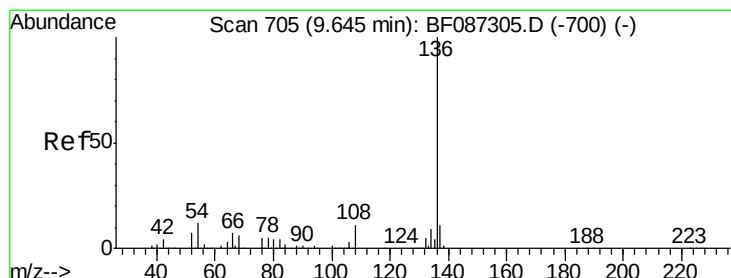
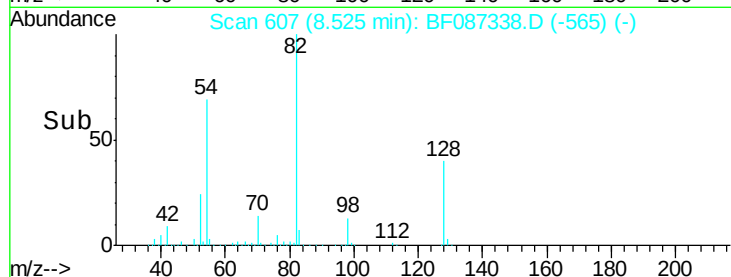
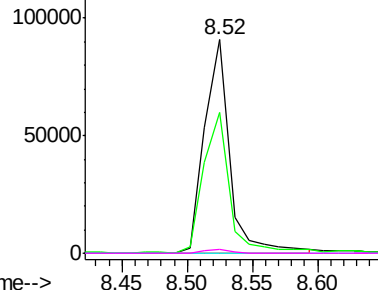
#19
n-Nitroso-di-n-propylamine
Concen: 14.11 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087338.D
Acq: 24 May 2016 12:55

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion: 70 Resp: 121494
Ion Ratio Lower Upper
70 100
42 66.0 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#

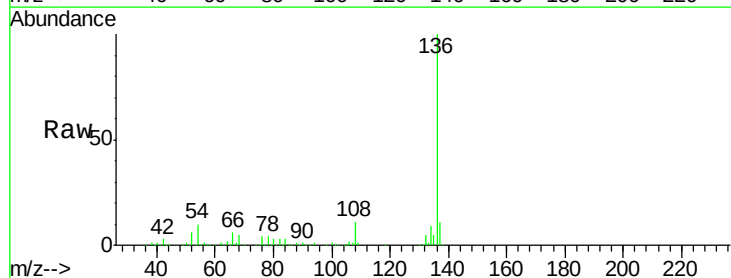


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

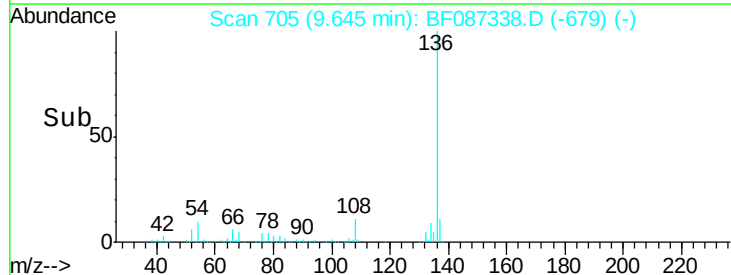
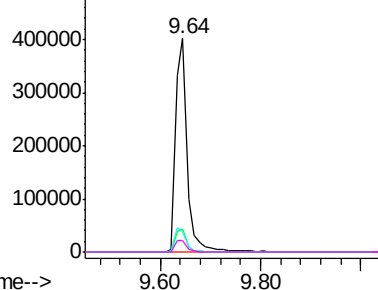


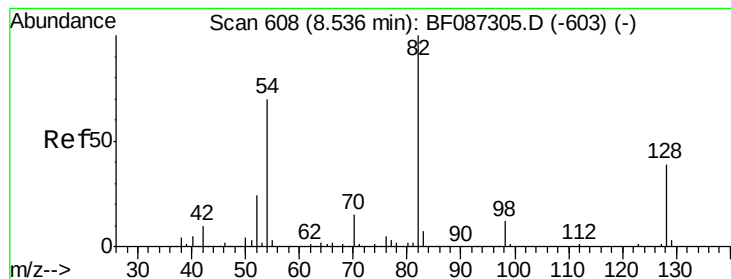
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF087338.D
Acq: 24 May 2016 12:55

Tgt Ion: 136 Resp: 641015
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.7 5.0 7.4#
68 5.1 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: 69.64 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

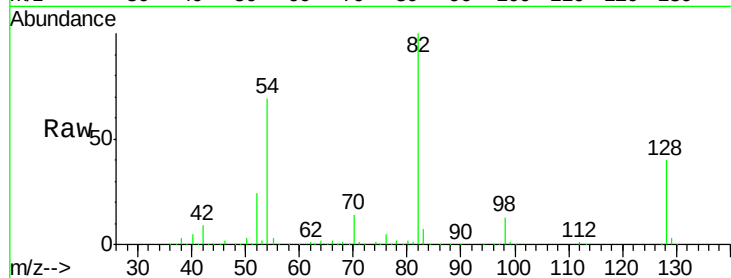
Tgt Ion: 82 Resp: 885768

Ion Ratio Lower Upper

82 100

128 39.7 40.6 61.0#

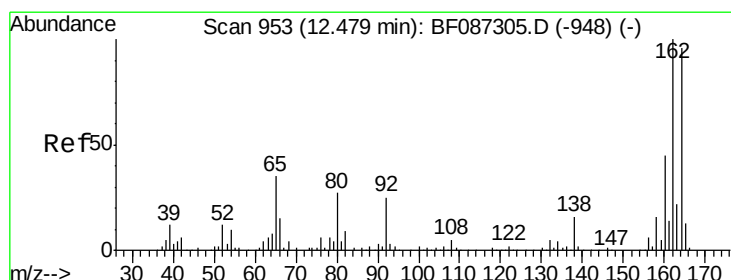
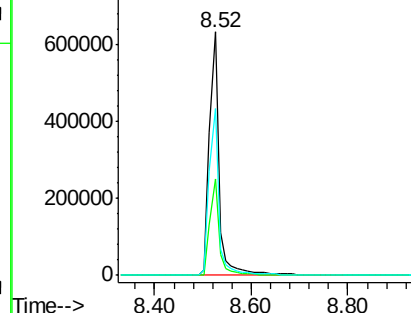
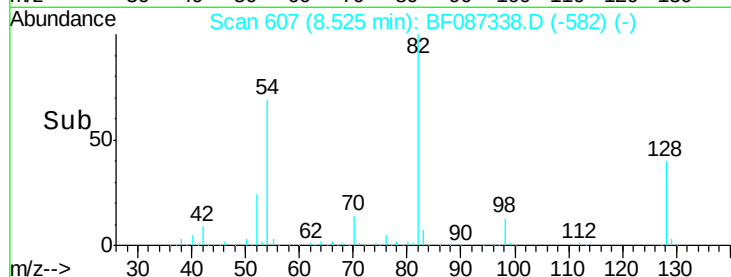
54 68.5 38.1 57.1#



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: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

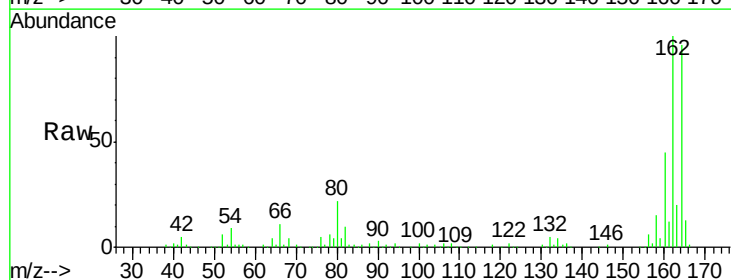
Tgt Ion: 164 Resp: 296844

Ion Ratio Lower Upper

164 100

162 104.1 82.8 124.2

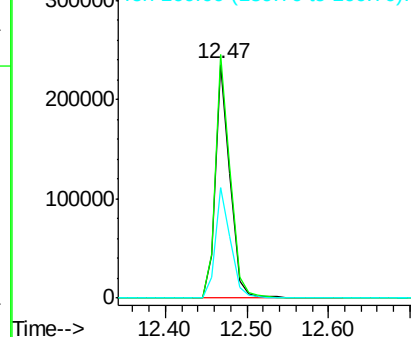
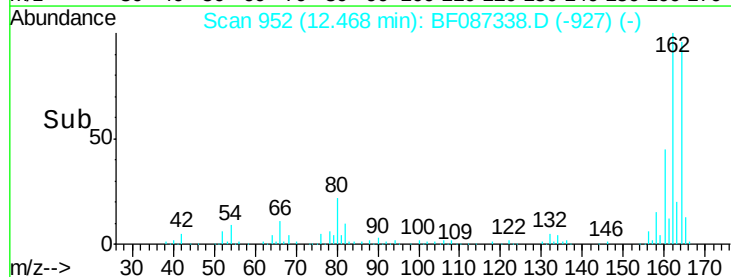
160 47.3 36.9 55.3

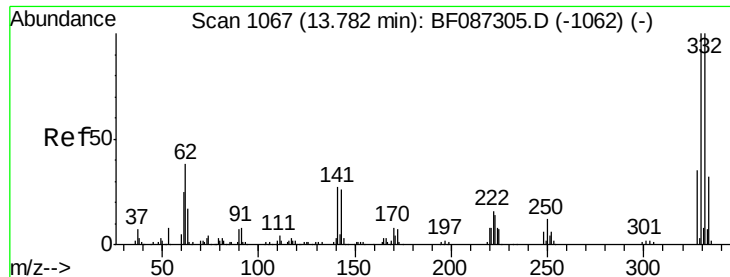


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

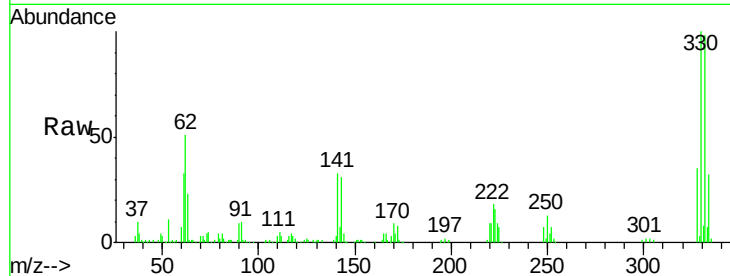




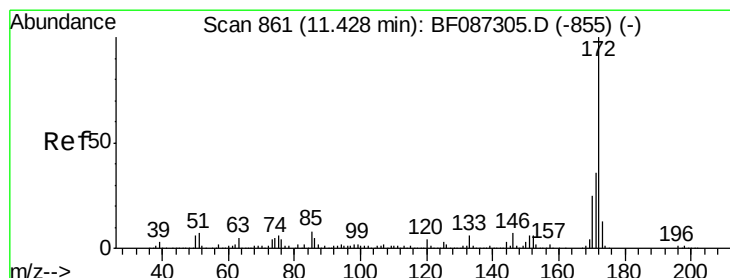
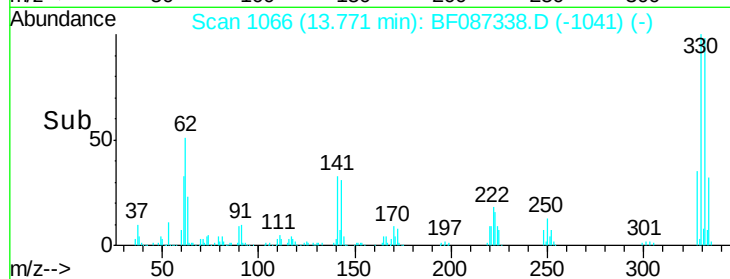
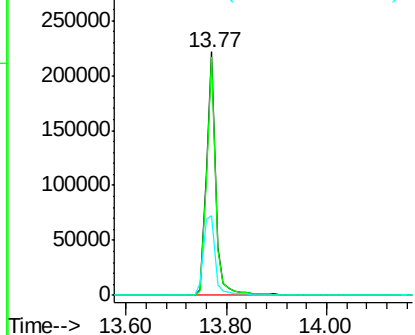
#41
 2,4,6-Tribromophenol
 Concen: 100.48 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087338.D
 Acq: 24 May 2016 12:55

Instrument :
 BNA_F
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 SB-07-COMP

Tgt Ion:330 Resp: 286619
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 42.3 31.2 46.8

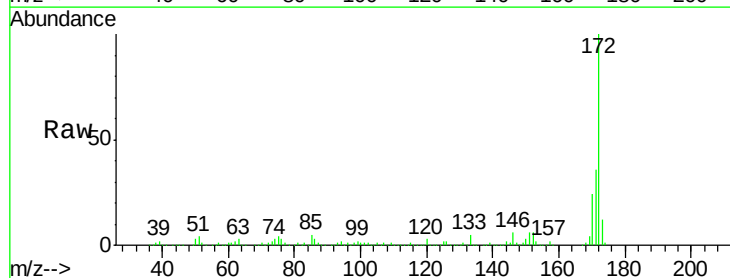


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

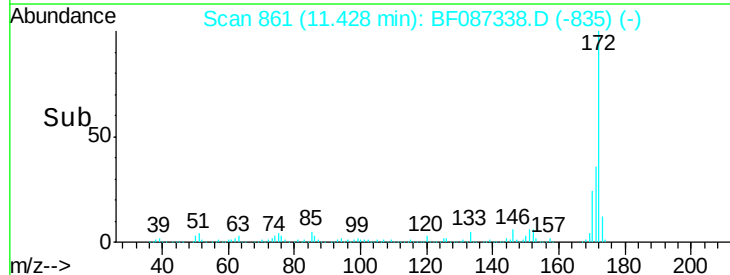
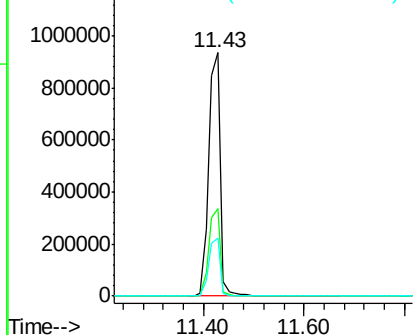


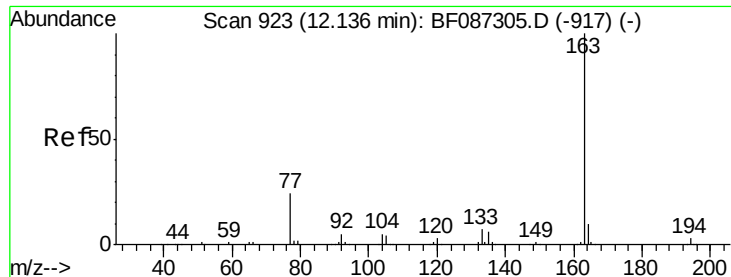
#44
 2-Fluorobiphenyl
 Concen: 70.69 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087338.D
 Acq: 24 May 2016 12:55

Tgt Ion:172 Resp: 1488449
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.9 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





#49

Dimethylphthalate

Concen: 8.70 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

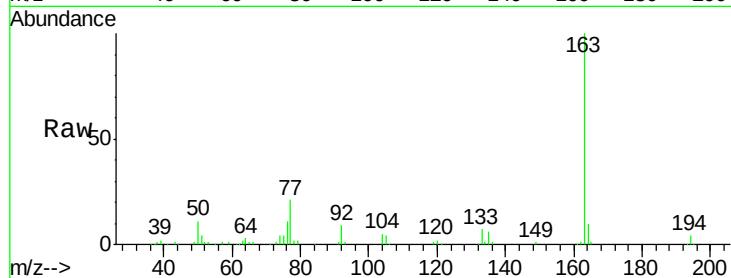
Tgt Ion:163 Resp: 206760

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

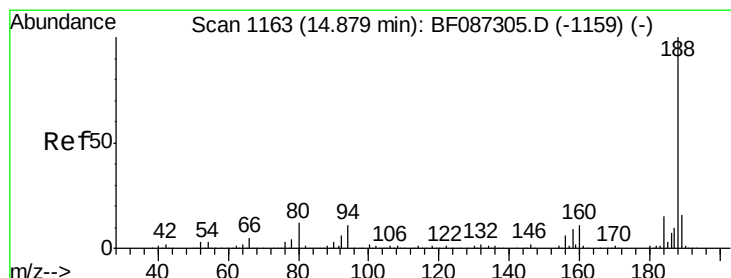
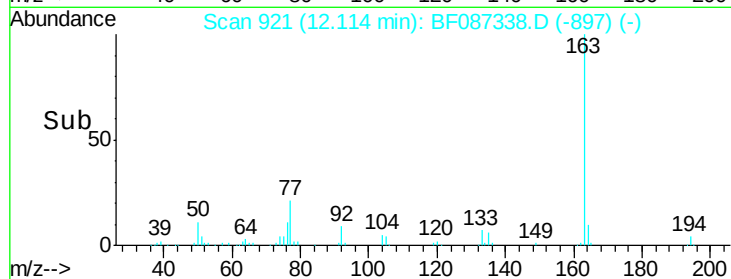
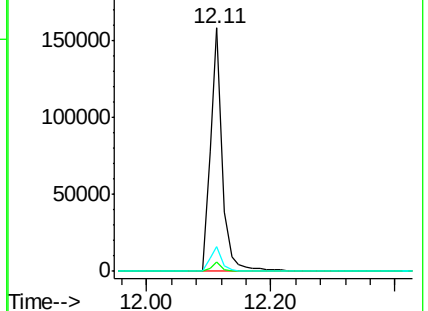
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

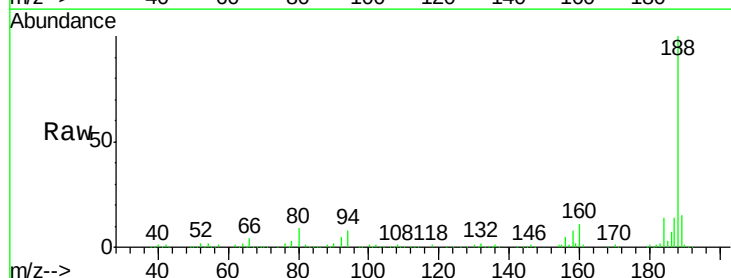
Tgt Ion:188 Resp: 531005

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

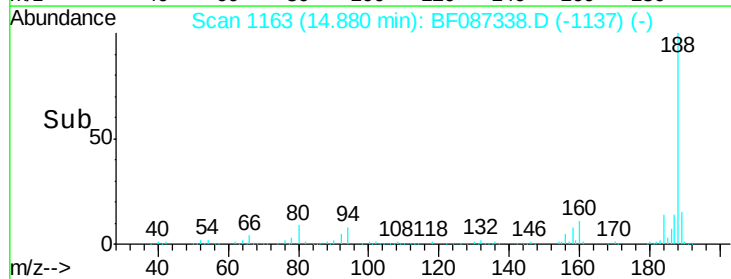
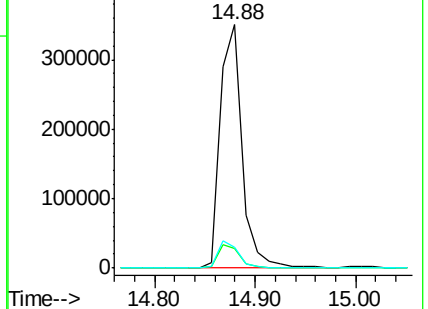
80 8.7 7.1 10.7

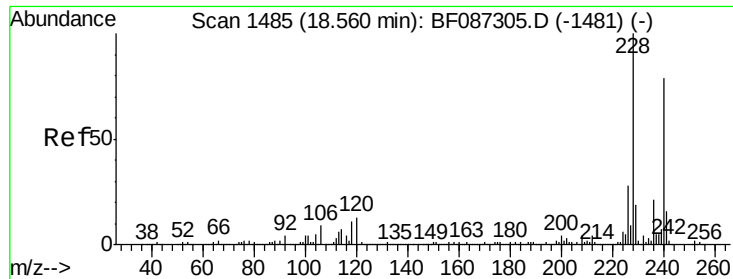


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.56 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

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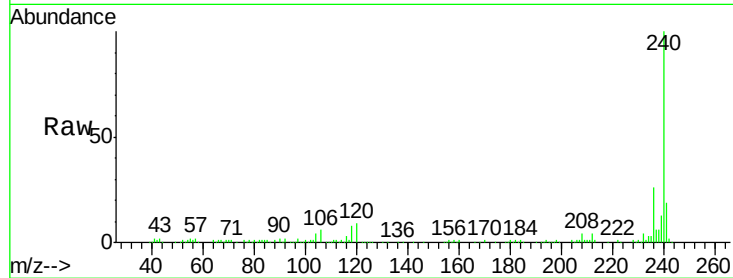
Tgt Ion:240 Resp: 358282

Ion Ratio Lower Upper

240 100

120 8.9 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

300000

250000

200000

150000

100000

50000

0

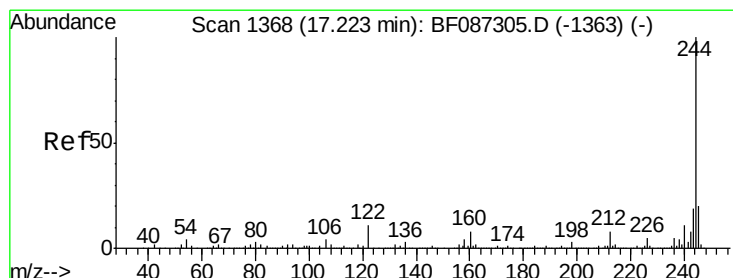
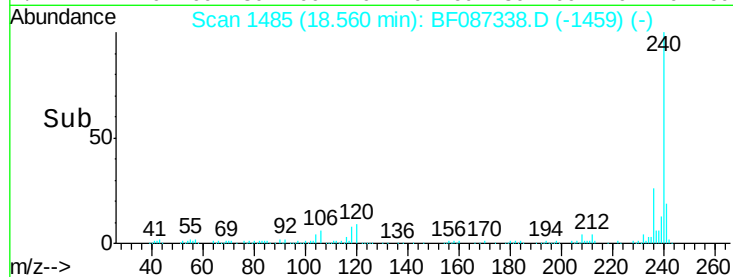
18.40

18.56

18.60

18.80

Time-->



#78

Terphenyl-d14

Concen: 67.51 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

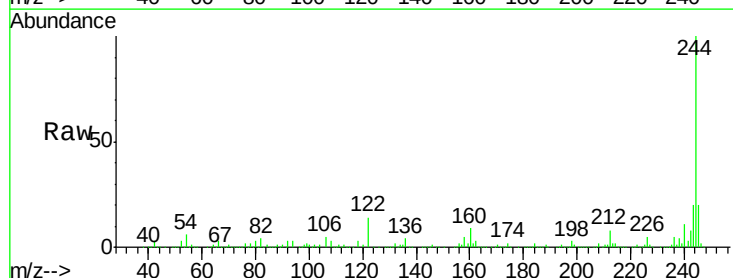
Tgt Ion:244 Resp: 1137696

Ion Ratio Lower Upper

244 100

212 8.2 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

1200000

1000000

800000

600000

400000

200000

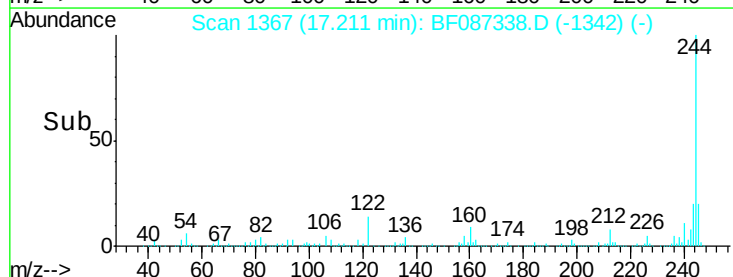
0

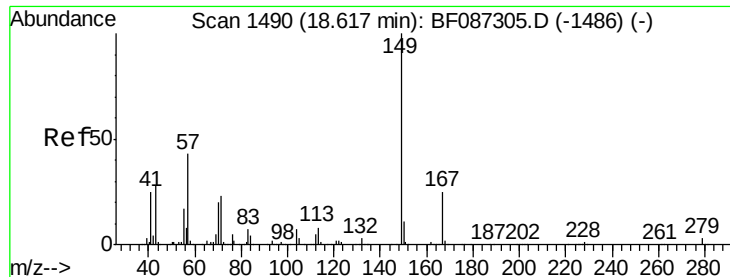
17.20

17.21

17.40

Time-->





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.54 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

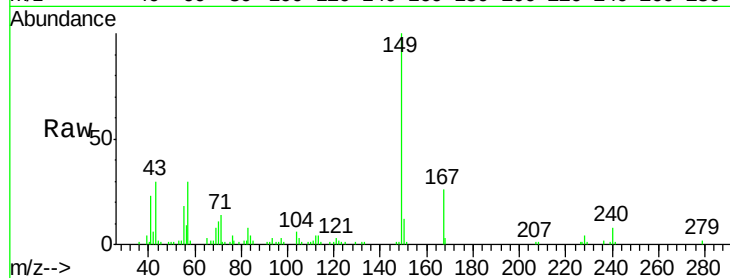
Tgt Ion:149 Resp: 109215

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

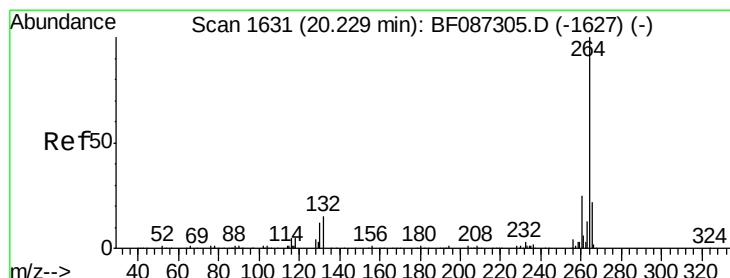
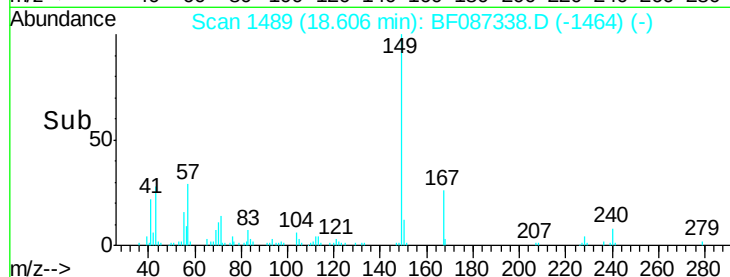
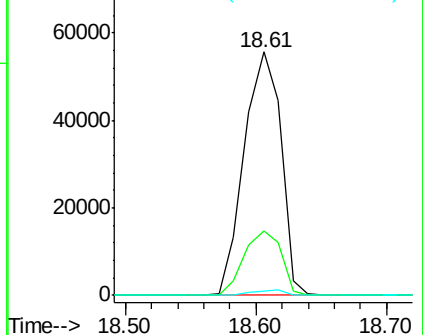
279 1.7 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087338.D

Acq: 24 May 2016 12:55

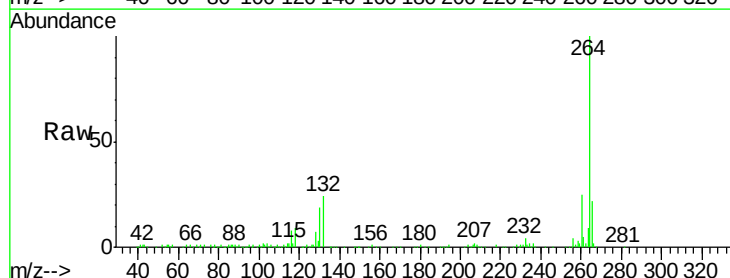
Tgt Ion:264 Resp: 283111

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.8 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

