

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087450.D
 Acq On : 27 May 2016 19:07
 Operator : UM/SJ
 Sample : PB90910TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90910TB

Quant Time: May 27 23:47:27 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

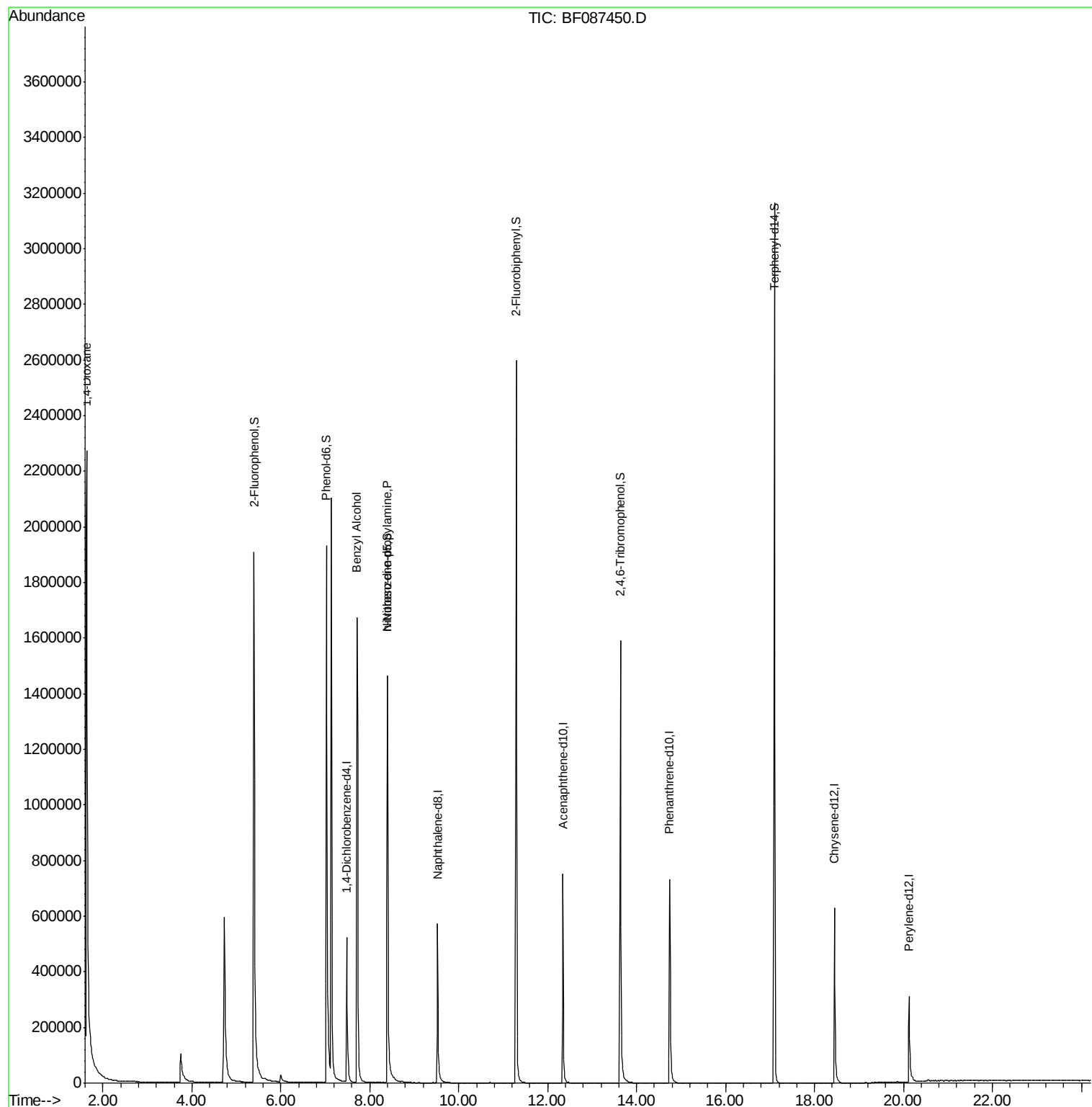
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	105603	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	428487	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	209209	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	427582	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	357243	20.00	ng	-0.03
86) Perylene-d12	20.13	264	229837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	751221	125.00	ng	-0.02
7) Phenol-d6	7.03	99	991126	122.05	ng	-0.05
23) Nitrobenzene-d5	8.40	82	687850	80.90	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	238140	118.45	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1162559	78.34	ng	-0.05
78) Terphenyl-d14	17.10	244	1218336	72.50	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.63	88	70085	22.10	ng	# 22
15) Benzyl Alcohol	7.71	79	12038	2.03	ng	# 43
19) n-Nitroso-di-n-propylamine	8.40	70	89321	14.75	ng	# 76

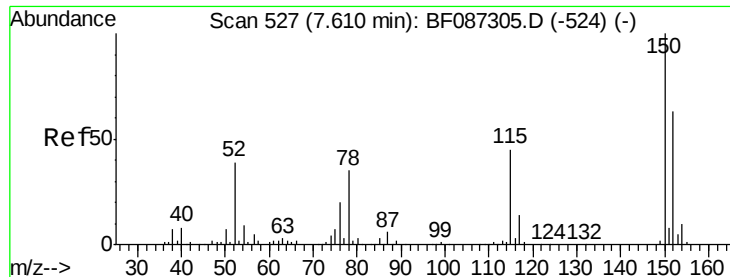
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

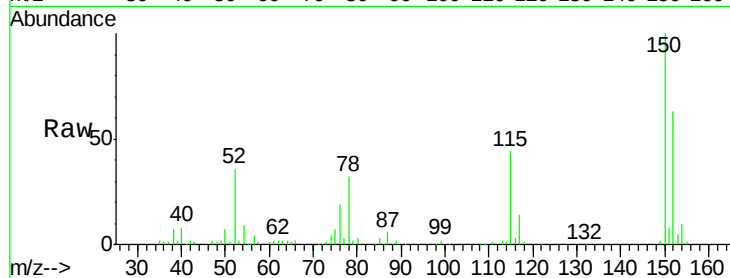
Tgt Ion: 152 Resp: 105603

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.6

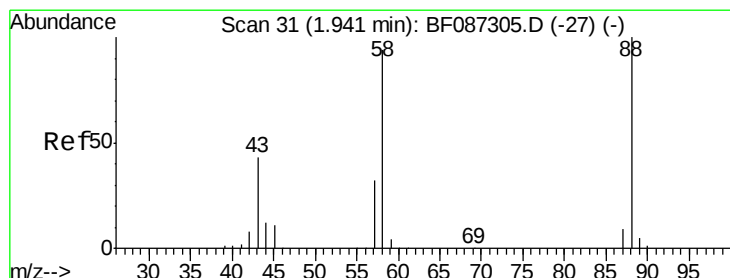
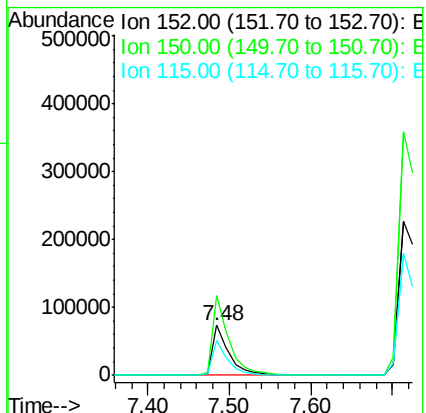
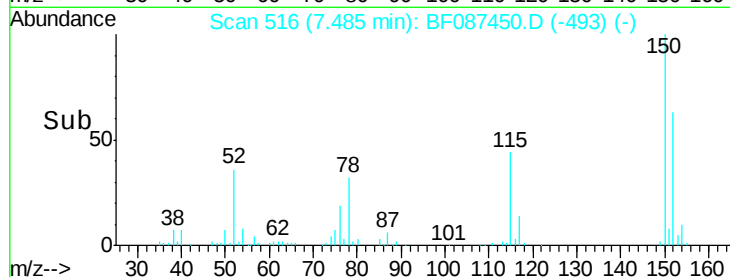
115 70.1 51.5 77.3



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: 22.10 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

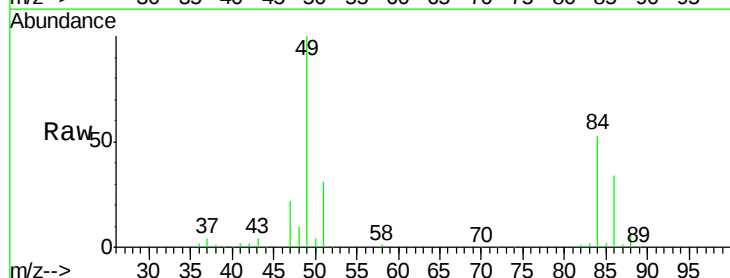
Tgt Ion: 88 Resp: 70085

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

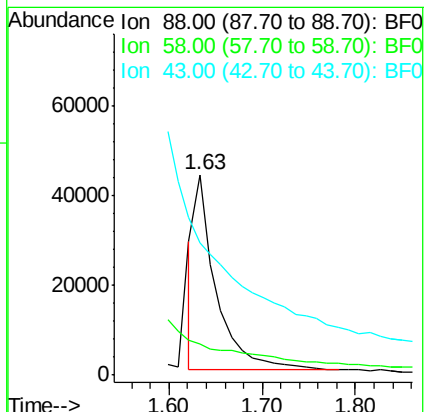
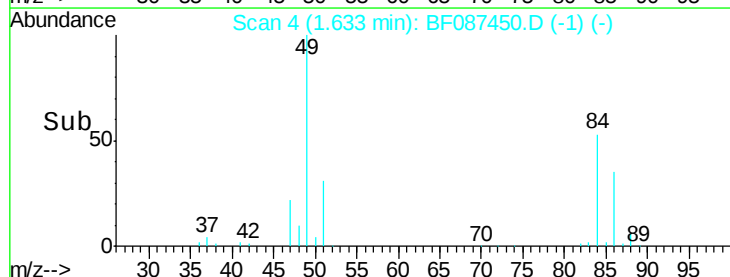
43 0.0 21.8 32.6#

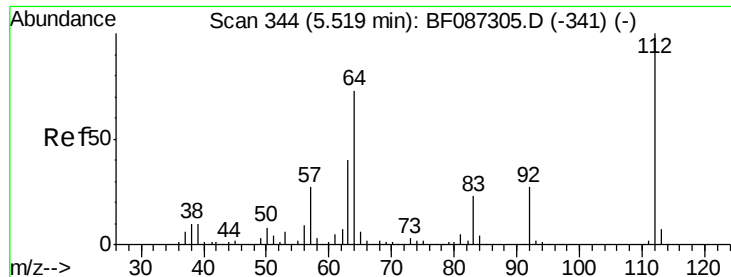


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 125.00 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

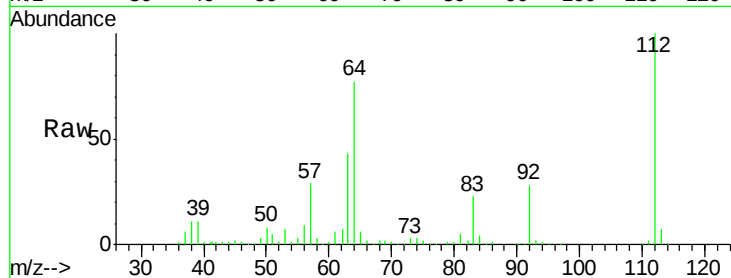
Instrument :

BNA_F

ClientSampleId :

PB90910TB

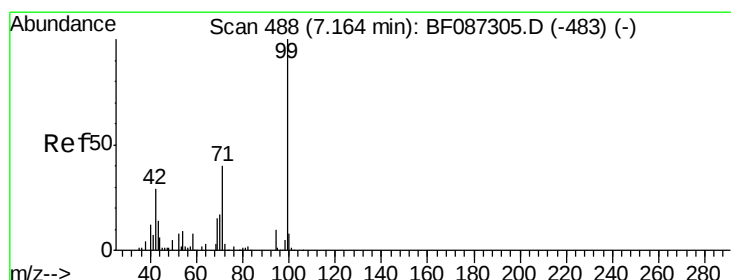
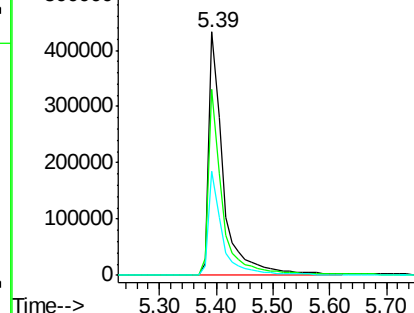
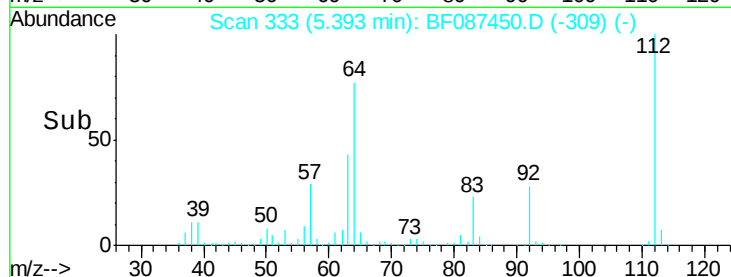
Tgt Ion:	112	Resp:	751221
Ion	Ratio	Lower	Upper
112	100		
64	76.6	52.1	78.1
63	42.8	25.7	38.5#



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 122.05 ng

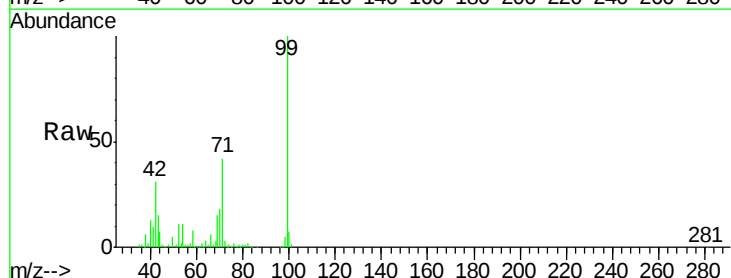
RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

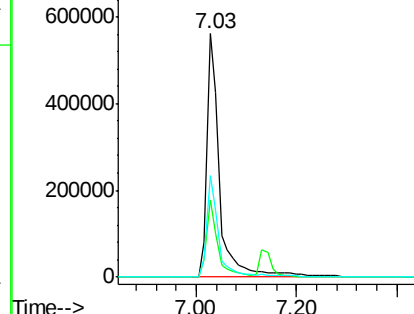
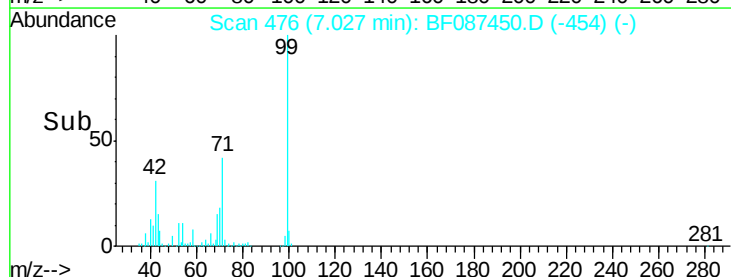
Tgt Ion:	99	Resp:	991126
Ion	Ratio	Lower	Upper
99	100		
42	31.5	13.6	20.4#
71	42.0	24.6	36.8#

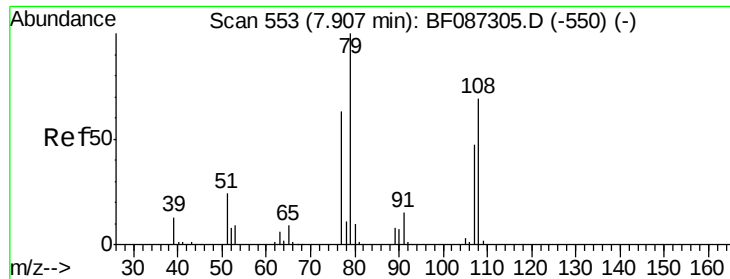


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

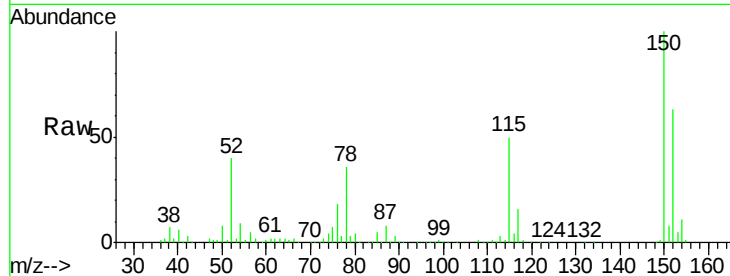
Tgt Ion: 79 Resp: 12038

Ion Ratio Lower Upper

79 100

108 28.9 68.4 102.6#

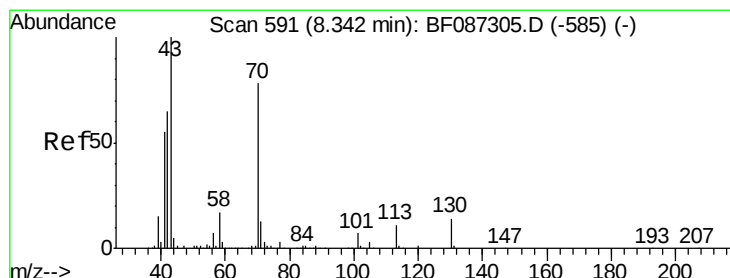
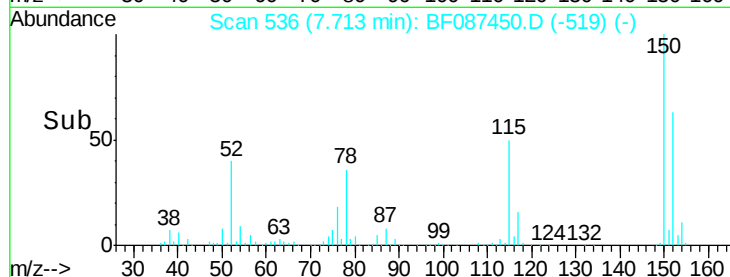
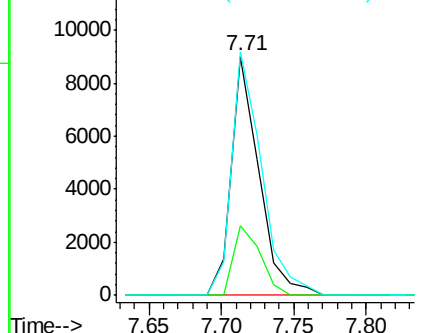
77 102.0 50.6 76.0#



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: 14.75 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

Tgt Ion: 70 Resp: 89321

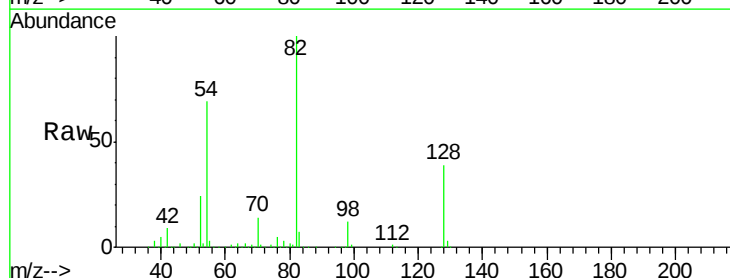
Ion Ratio Lower Upper

70 100

42 65.0 43.1 64.7#

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

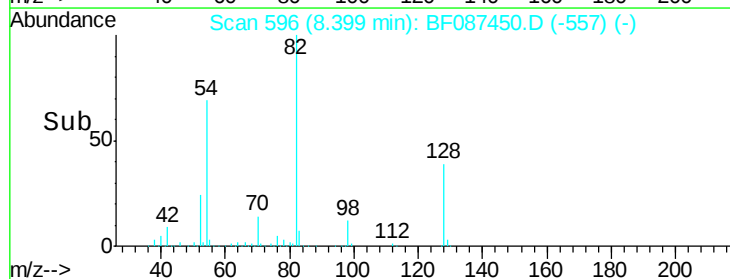
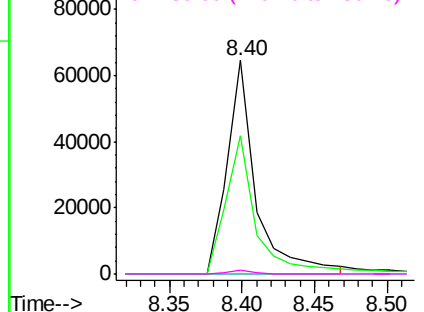


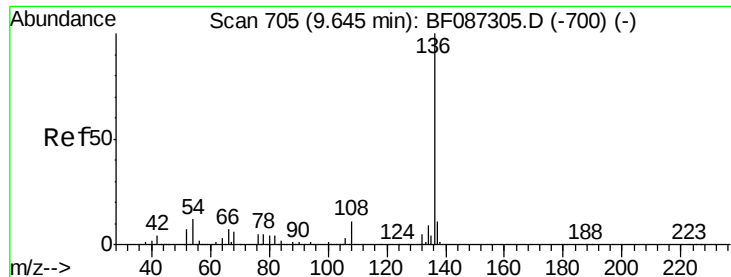
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

Tgt Ion:136 Resp: 428487

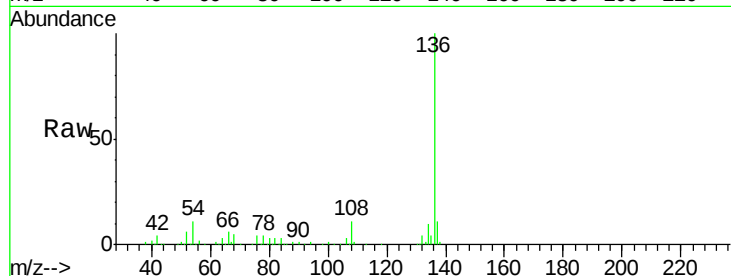
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.7 5.0 7.4#

68 5.1 4.4 6.6

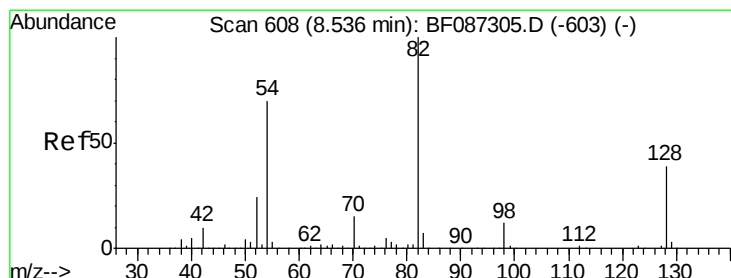
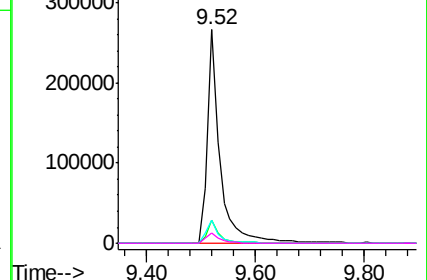
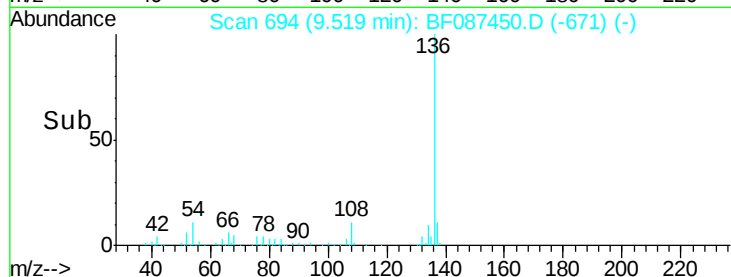


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.90 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

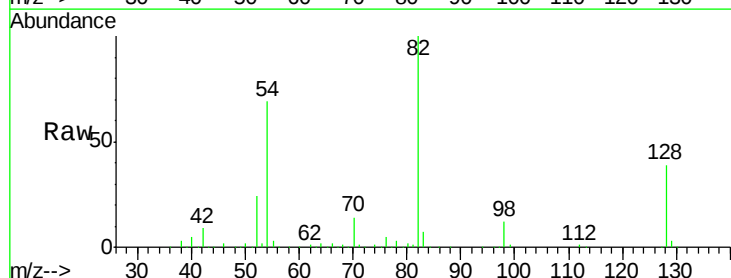
Tgt Ion: 82 Resp: 687850

Ion Ratio Lower Upper

82 100

128 39.0 40.6 61.0#

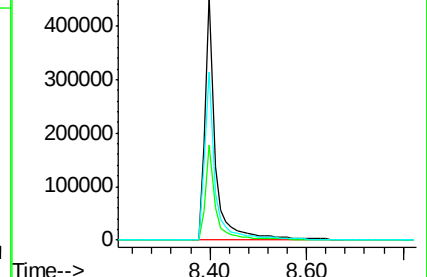
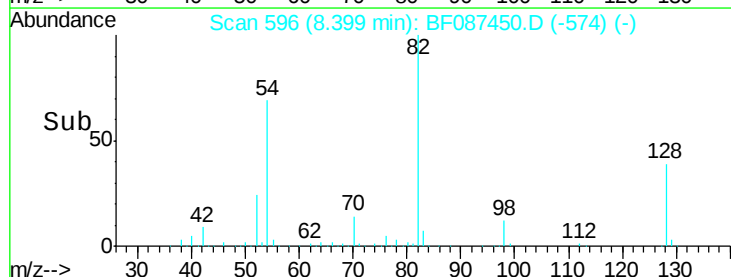
54 69.0 38.1 57.1#



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

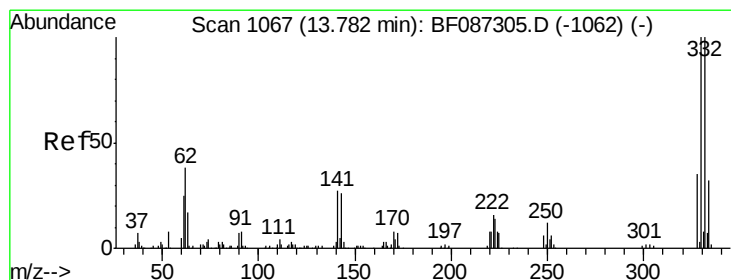
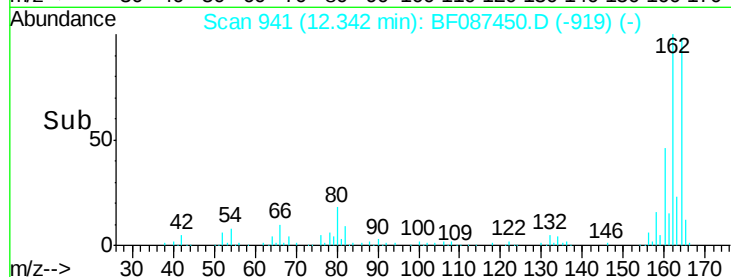
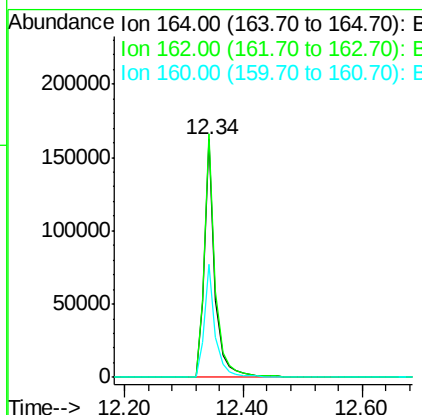
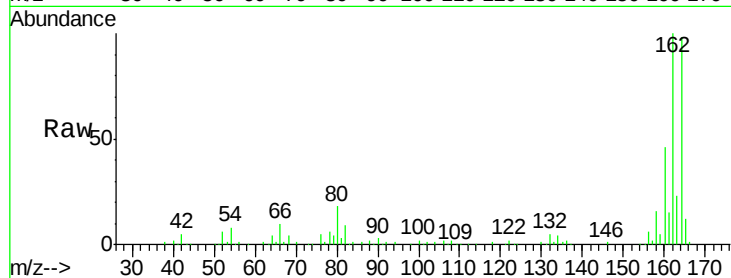




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087450.D
 Acq: 27 May 2016 19:07

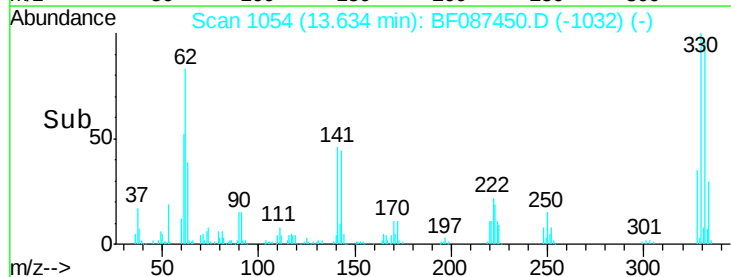
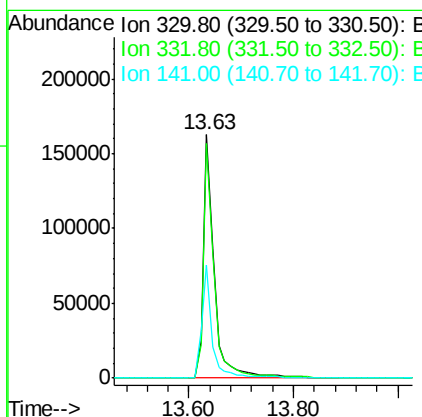
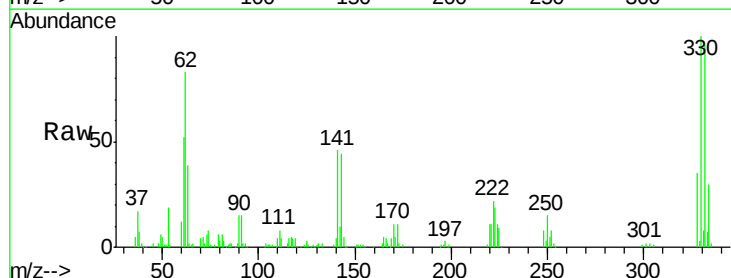
Instrument :
 BNA_F
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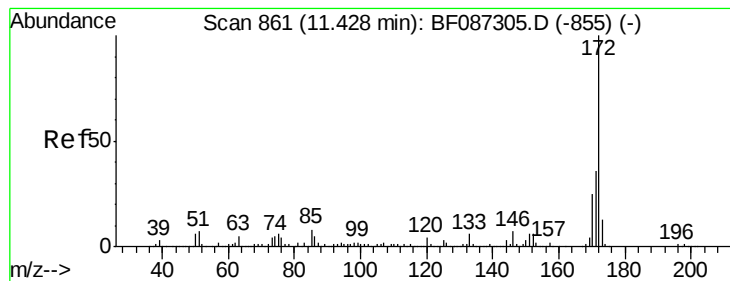
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	47.3	36.9	55.3



#41
 2,4,6-Tribromophenol
 Concen: 118.45 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087450.D
 Acq: 27 May 2016 19:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	45.1	31.2	46.8





#44

2-Fluorobiphenyl

Concen: 78.34 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

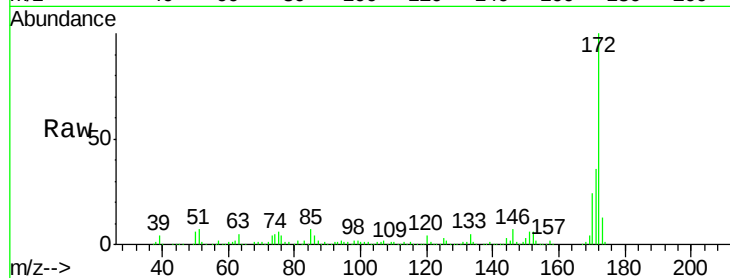
Tgt Ion:172 Resp: 1162559

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

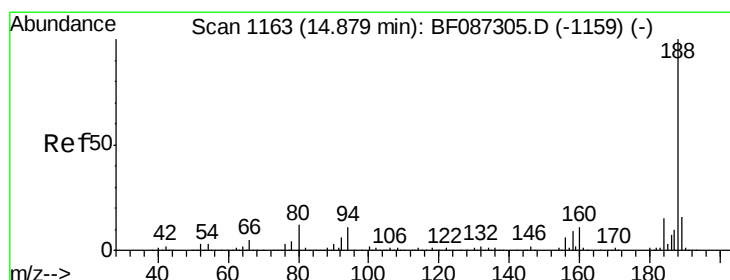
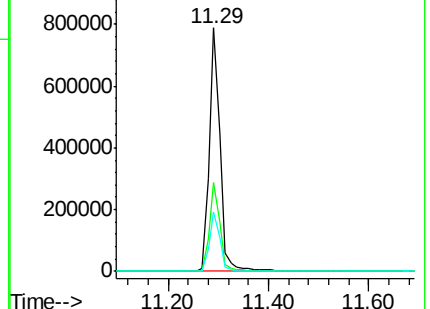
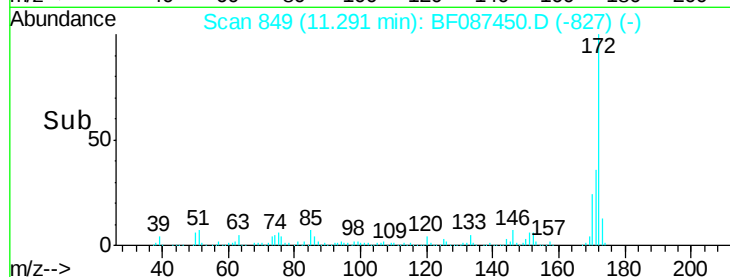
170 24.3 19.8 29.8



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: BF087450.D

Acq: 27 May 2016 19:07

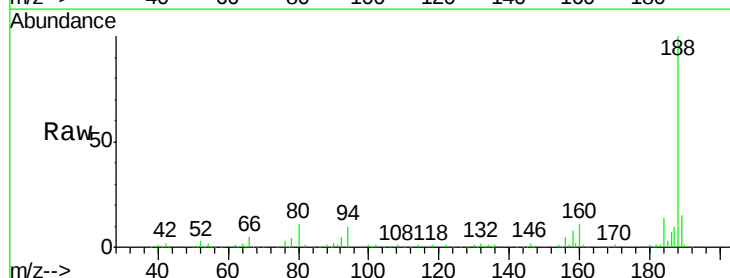
Tgt Ion:188 Resp: 427582

Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

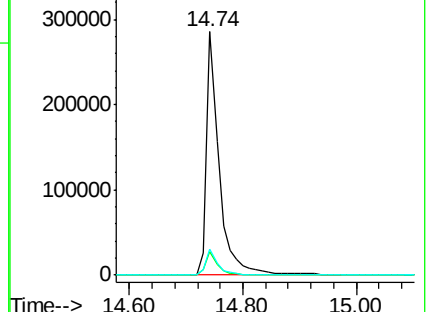
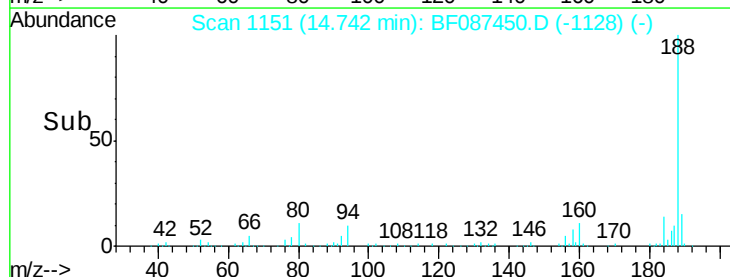
80 10.7 7.1 10.7



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: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

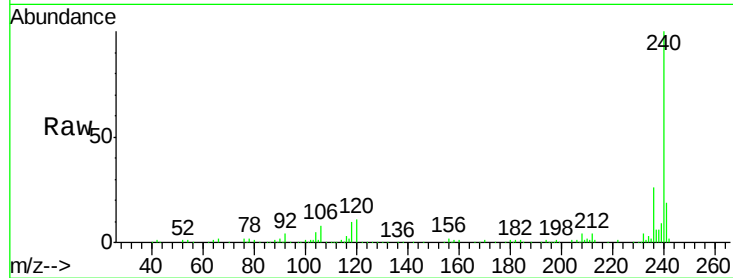
Tgt Ion:240 Resp: 357243

Ion Ratio Lower Upper

240 100

120 11.4 11.2 16.8

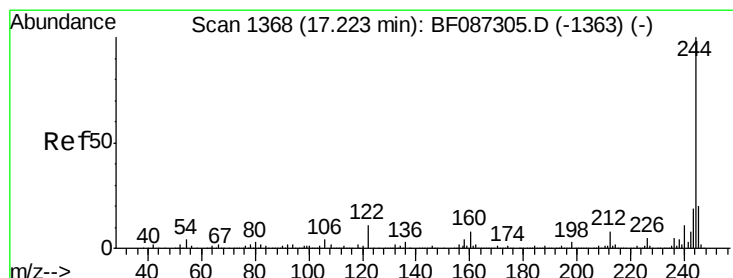
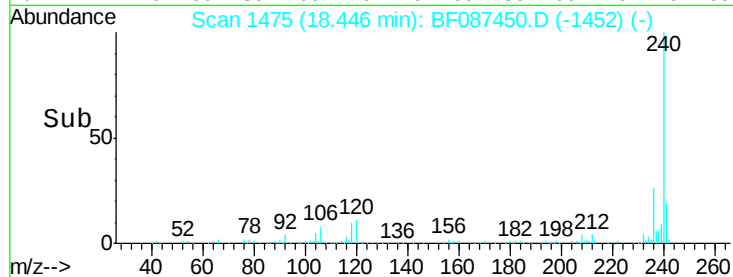
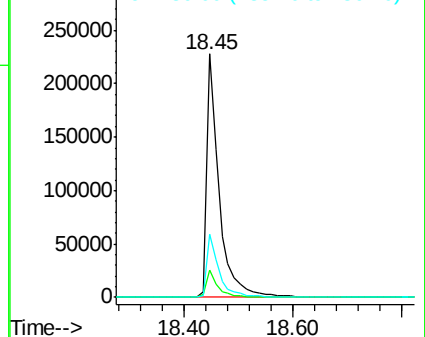
236 25.9 21.2 31.8



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: 72.50 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.03 min

Lab File: BF087450.D

Acq: 27 May 2016 19:07

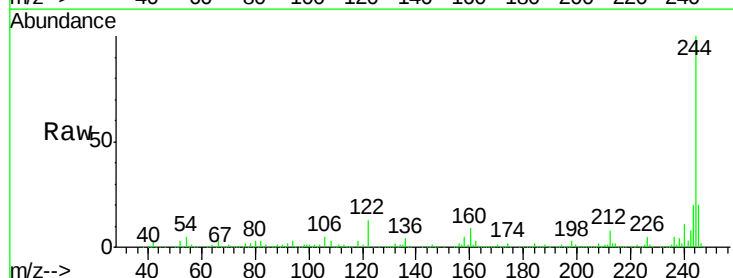
Tgt Ion:244 Resp: 1218336

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

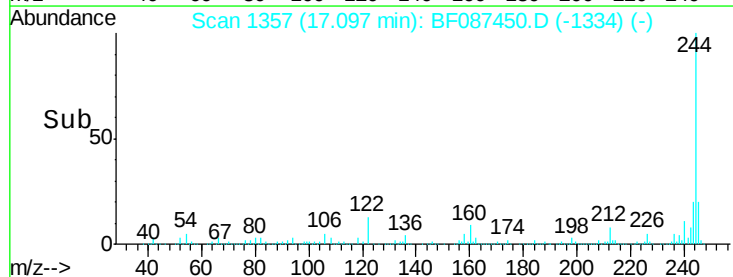
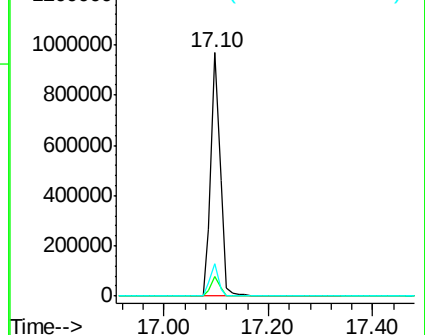
122 13.5 12.0 18.0

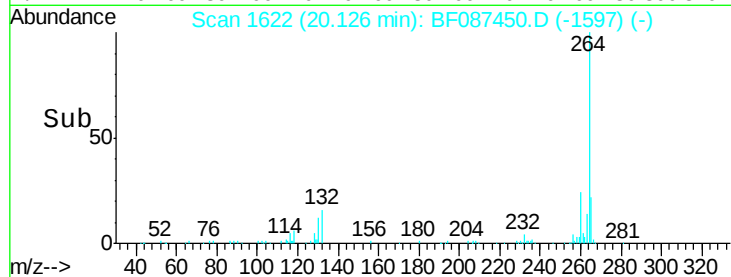
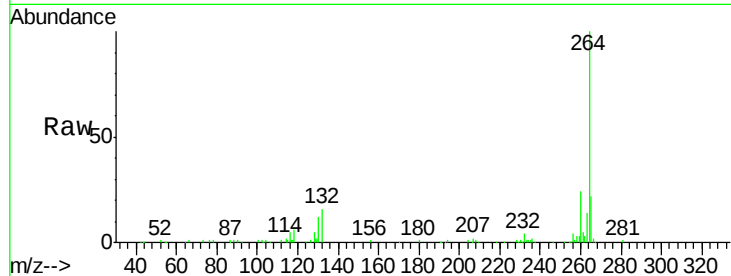
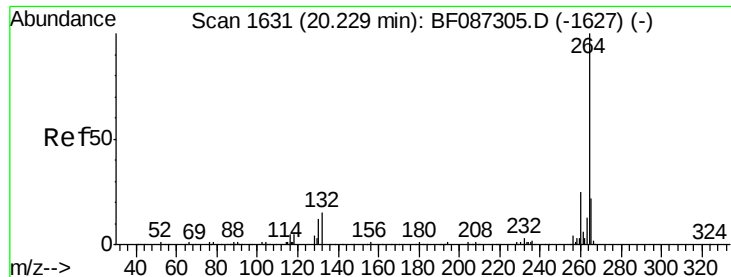


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF087450.D

Acq: 27 May 2016 19:07

Instrument :

BNA_F

ClientSampleId :

PB90910TB

Tgt Ion: 264 Resp: 229837

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 17.3 25.9

