

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053116\
 Data File : BF087585.D
 Acq On : 31 May 2016 17:18
 Operator : UM/SJ
 Sample : PB90866TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Quant Time: Jun 01 00:50:13 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

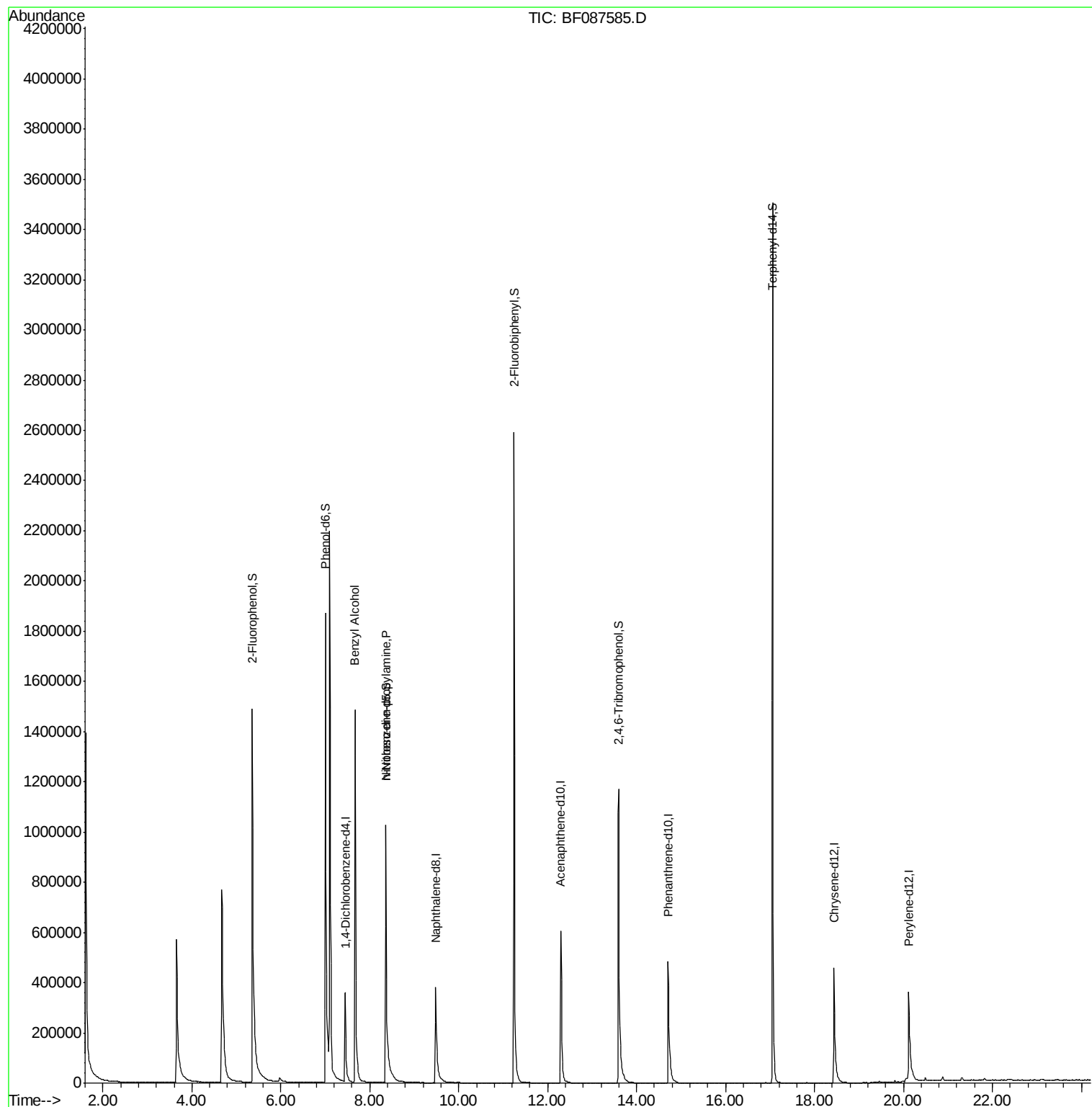
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	108969	20.00	ng	-0.07
21) Naphthalene-d8	9.48	136	428895	20.00	ng	-0.07
38) Acenaphthene-d10	12.30	164	214428	20.00	ng	-0.09
63) Phenanthrene-d10	14.71	188	438178	20.00	ng	-0.07
75) Chrysene-d12	18.43	240	393154	20.00	ng	-0.05
86) Perylene-d12	20.11	264	339602	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	789469	127.30	ng	-0.06
7) Phenol-d6	7.00	99	992864	118.49	ng	-0.07
23) Nitrobenzene-d5	8.36	82	696753	81.87	ng	-0.08
41) 2,4,6-Tribromophenol	13.60	330	256251	124.36	ng	-0.08
44) 2-Fluorobiphenyl	11.24	172	1183564	77.81	ng	-0.09
78) Terphenyl-d14	17.06	244	1313311	71.02	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	7.67	79	12596	2.06	ng	# 50
19) n-Nitroso-di-n-propylamine	8.36	70	80688	12.91	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: 7.45 min Scan# 513

Delta R.T. -0.07 min

Lab File: BF087585.D

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PB90866TB

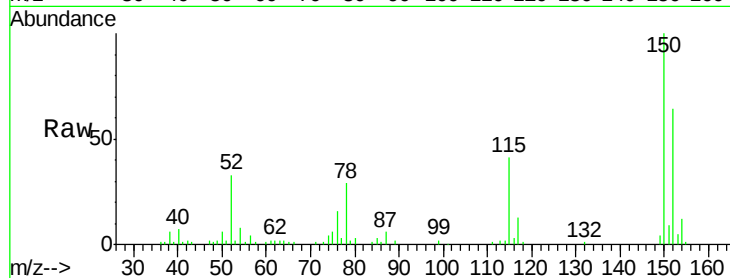
Tgt Ion:152 Resp: 108969

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

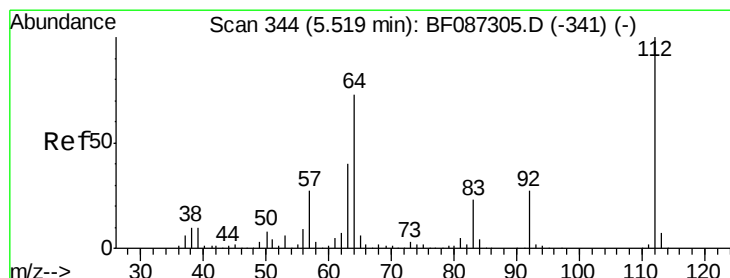
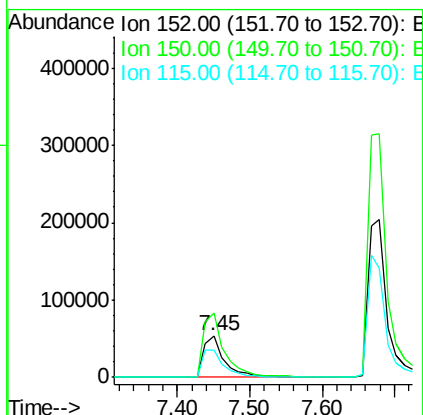
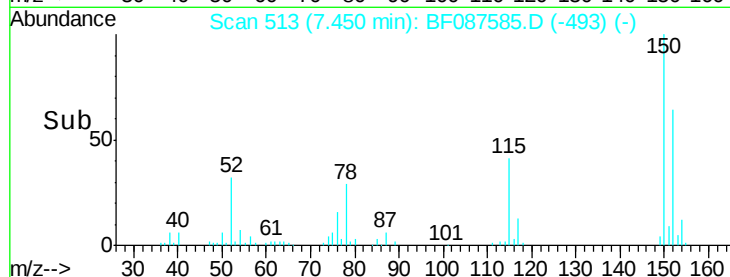
115 64.1 51.5 77.3



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



#5

2-Fluorophenol

Concen: 127.30 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.06 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

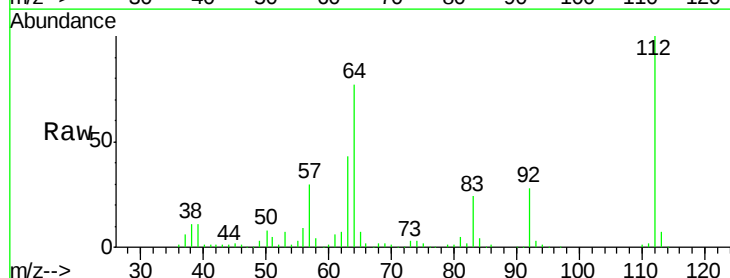
Tgt Ion:112 Resp: 789469

Ion Ratio Lower Upper

112 100

64 76.8 52.1 78.1

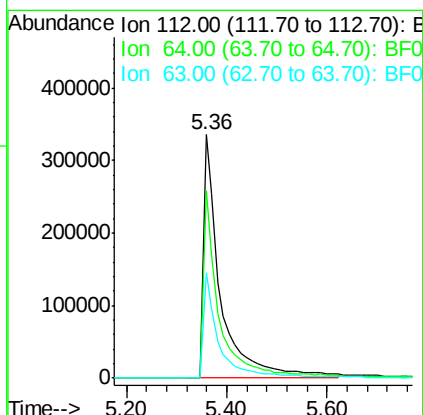
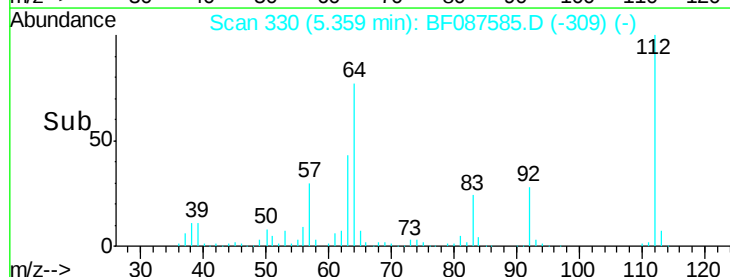
63 43.2 25.7 38.5



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: 118.49 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.07 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

Instrument :

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ClientSampleId :

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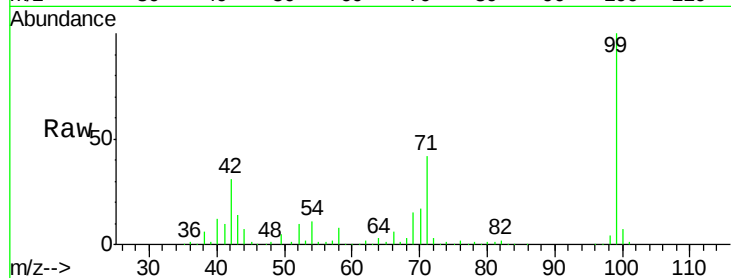
Tgt Ion: 99 Resp: 992864

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

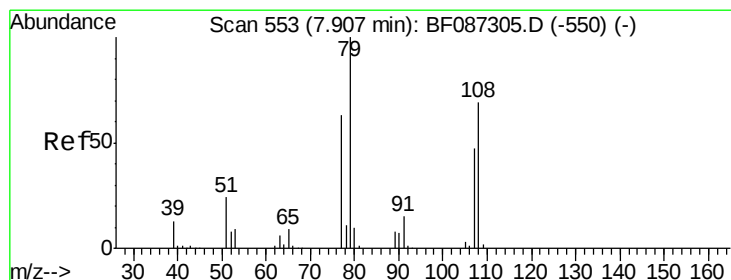
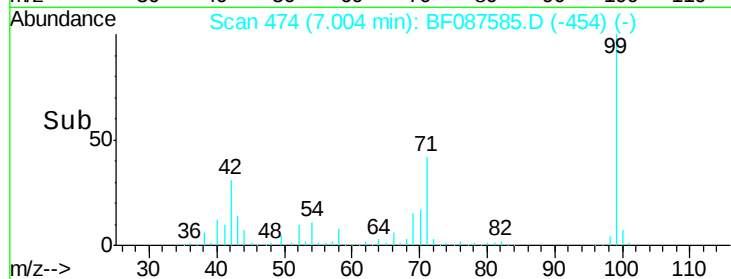
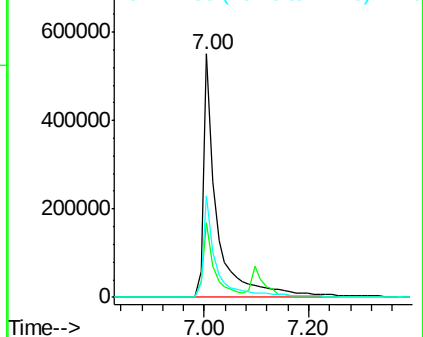
71 41.7 24.6 36.8#



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: 2.06 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.15 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

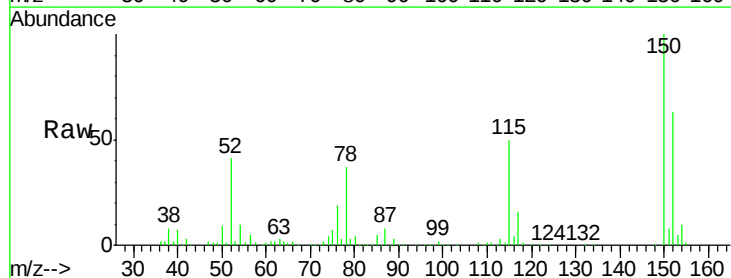
Tgt Ion: 79 Resp: 12596

Ion Ratio Lower Upper

79 100

108 31.0 68.4 102.6#

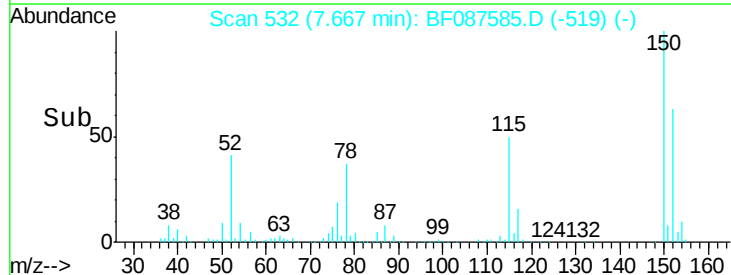
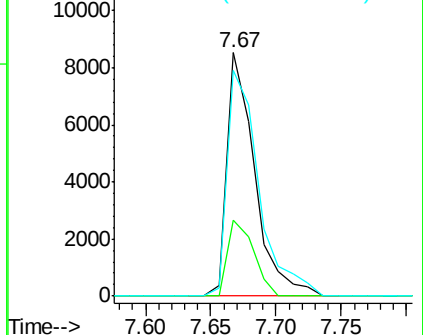
77 92.6 50.6 76.0#

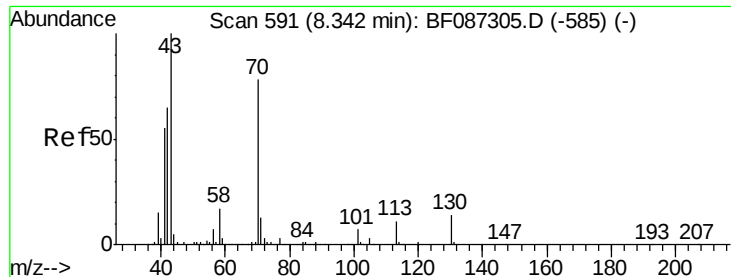


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

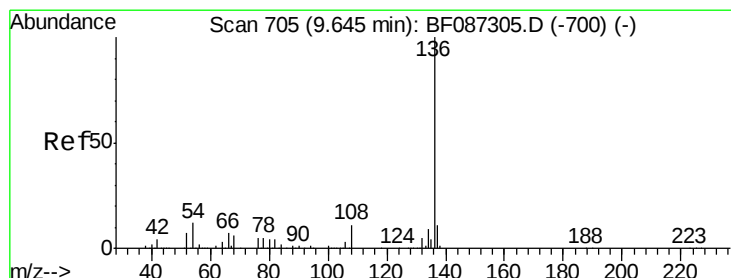
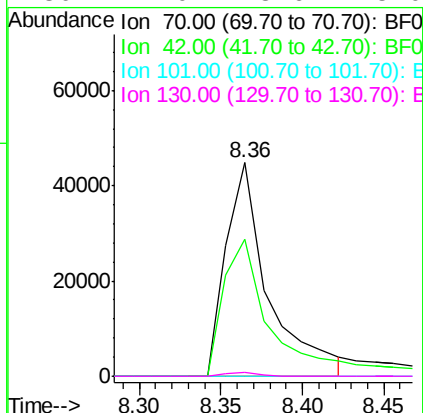
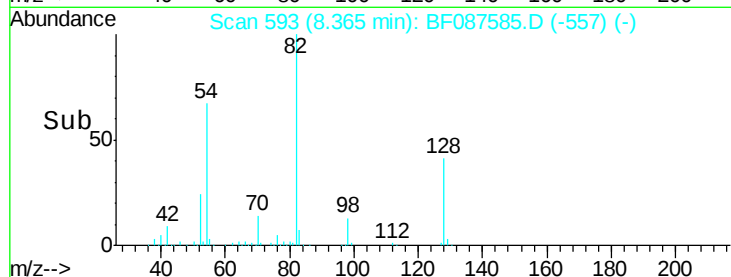
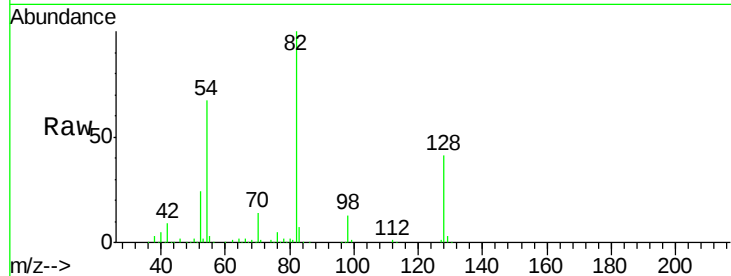




#19
n-Nitroso-di-n-propylamine
Concen: 12.91 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.11 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

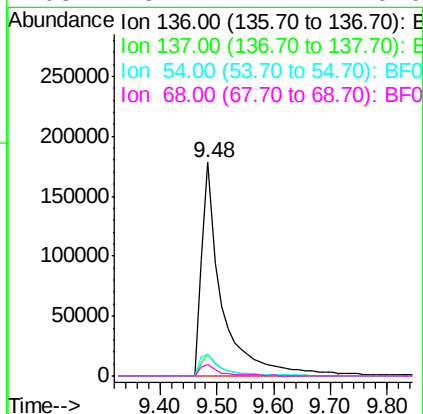
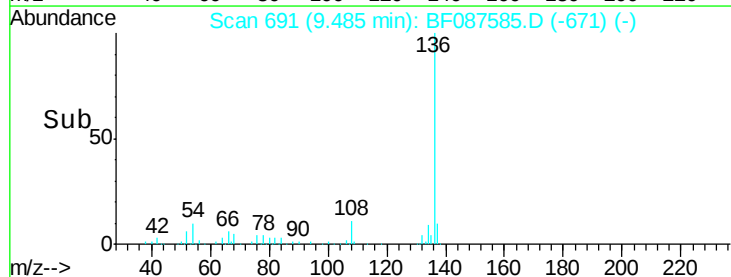
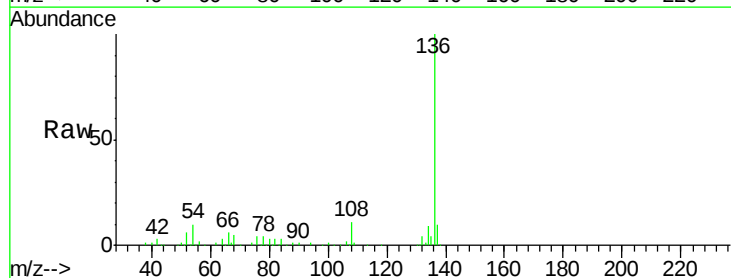
Instrument :
BNA_F
ClientSampleId :
PB90866TB

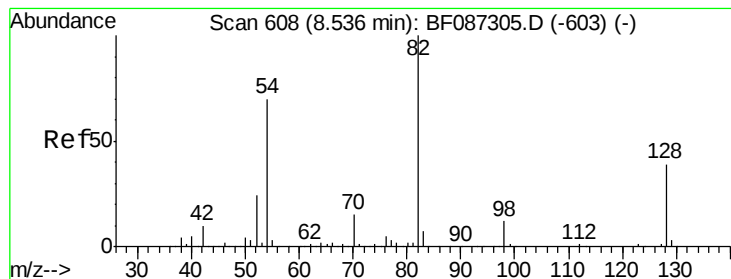
Tgt Ion: 70 Resp: 80688
Ion Ratio Lower Upper
70 100
42 64.2 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion: 136 Resp: 428895
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 10.0 5.0 7.4#
68 5.4 4.4 6.6





#23

Nitrobenzene-d5

Concen: 81.87 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.08 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

Instrument :

BNA_F

ClientSampleId :

PB90866TB

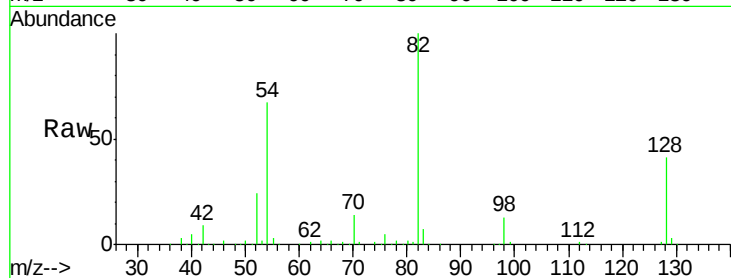
Tgt Ion: 82 Resp: 696753

Ion Ratio Lower Upper

82 100

128 40.6 40.6 61.0#

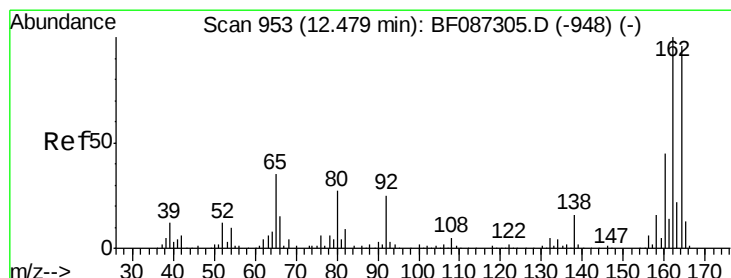
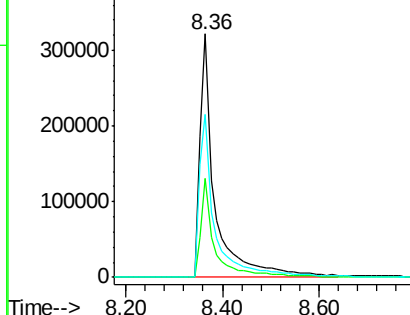
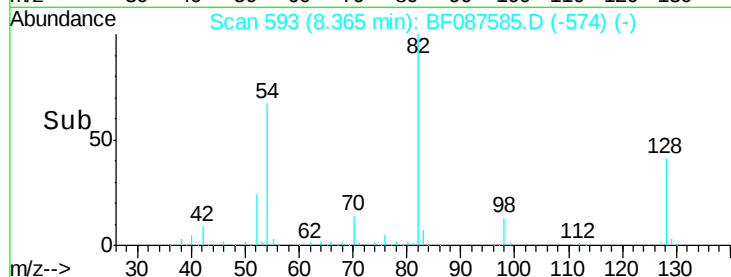
54 66.8 38.1 57.1#



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: 12.30 min Scan# 937

Delta R.T. -0.09 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

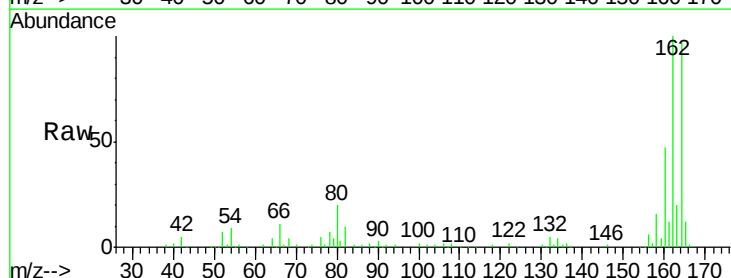
Tgt Ion: 164 Resp: 214428

Ion Ratio Lower Upper

164 100

162 103.0 82.8 124.2

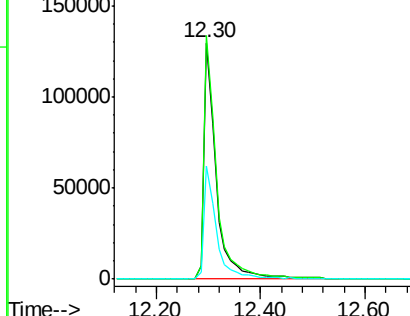
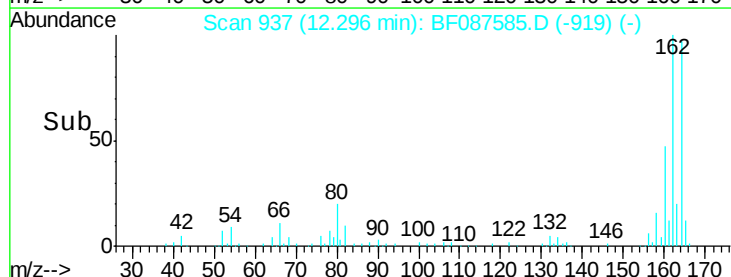
160 48.0 36.9 55.3

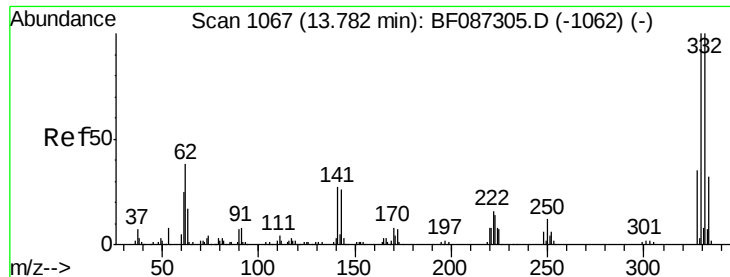


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

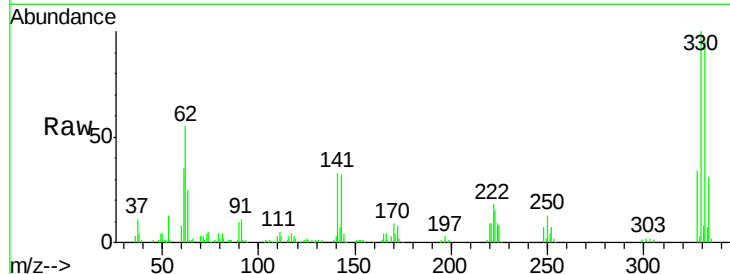




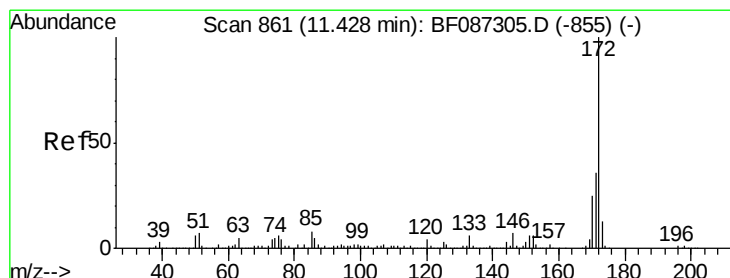
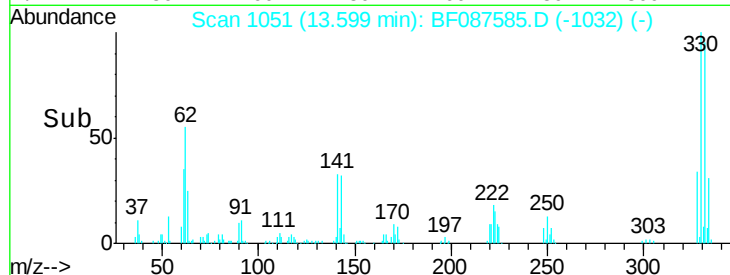
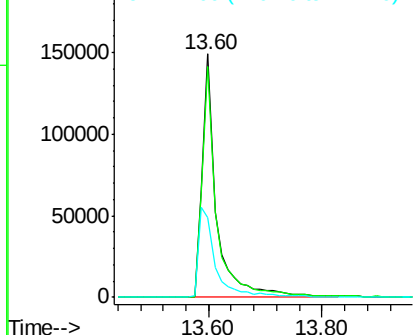
#41
 2,4,6-Tribromophenol
 Concen: 124.36 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.08 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	44.2	31.2	46.8

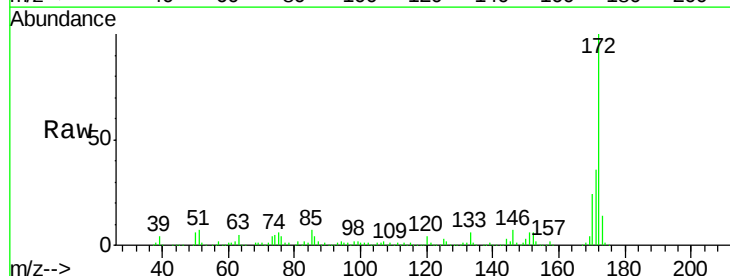


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

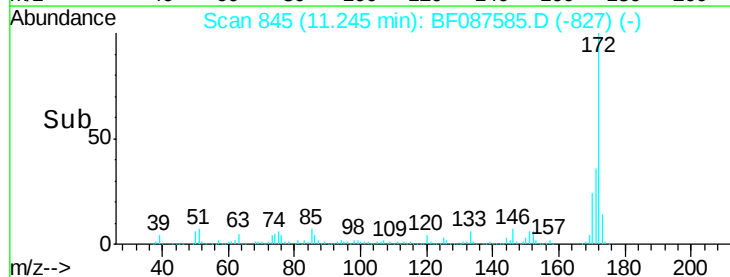
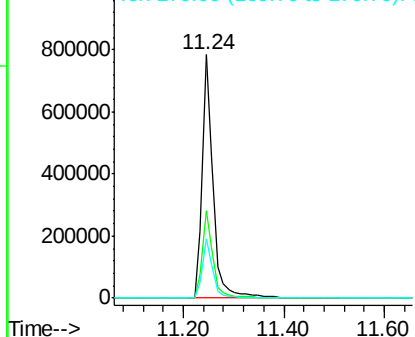


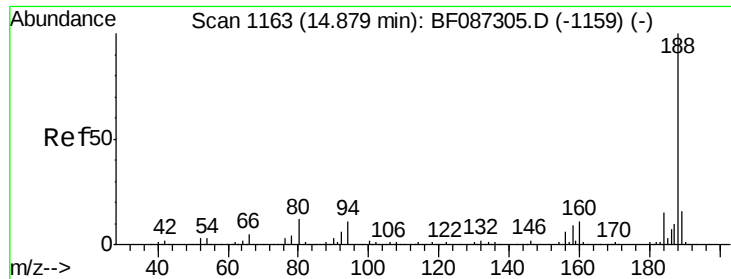
#44
 2-Fluorobiphenyl
 Concen: 77.81 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.09 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	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

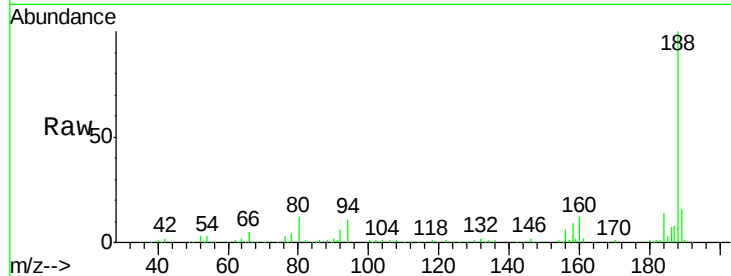




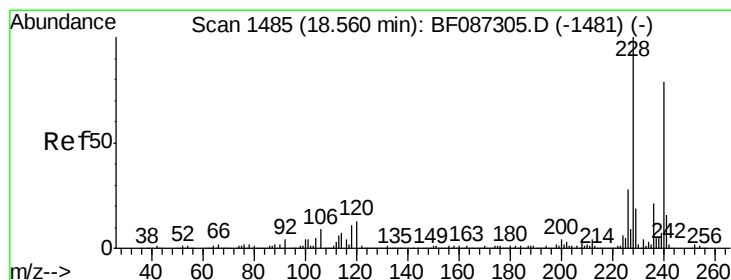
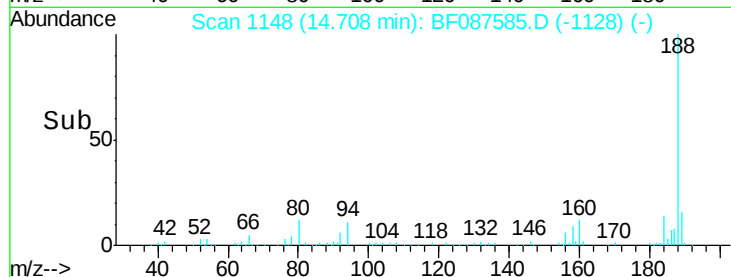
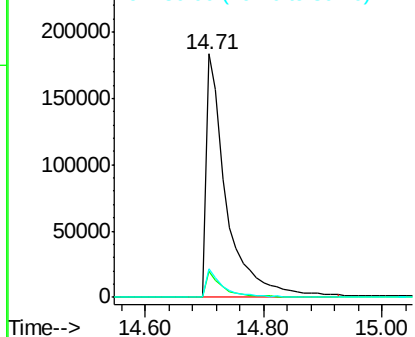
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.07 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tgt Ion:188 Resp: 438178
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.8 7.1 10.7#

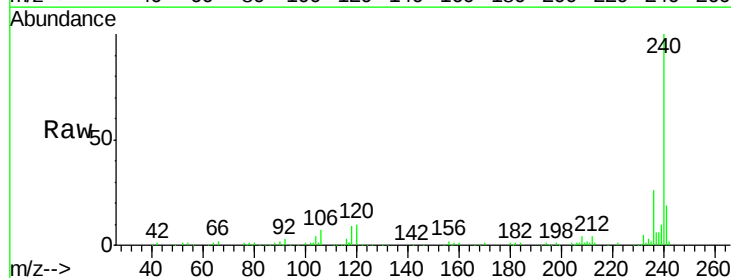


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

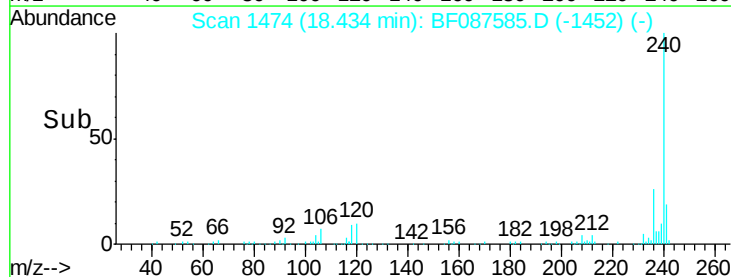
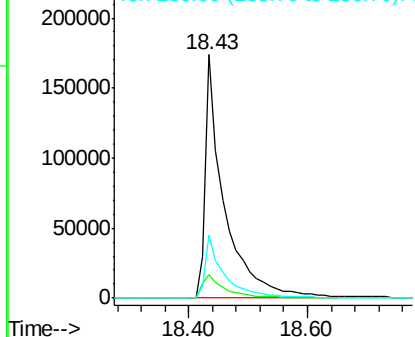


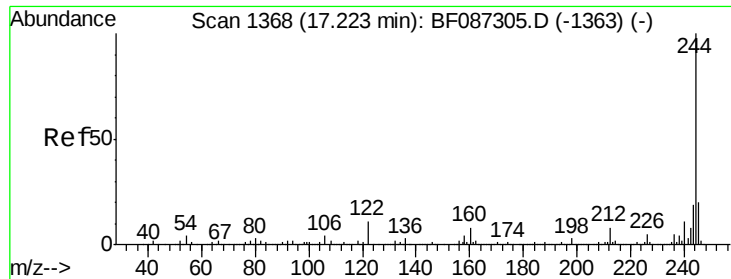
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.05 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:240 Resp: 393154
Ion Ratio Lower Upper
240 100
120 9.6 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

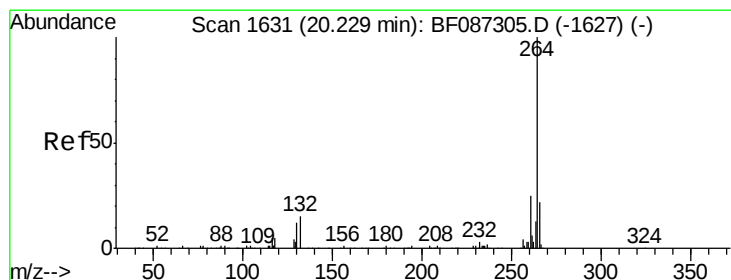
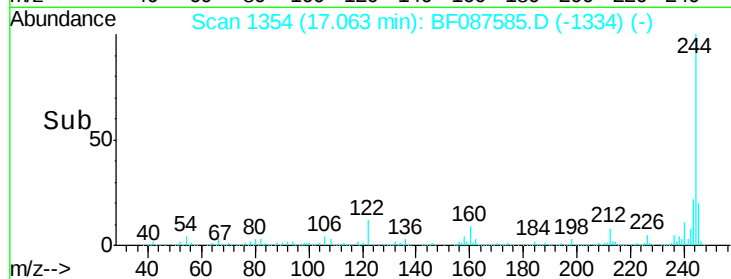
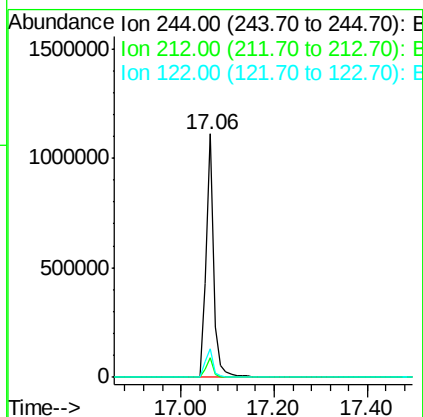
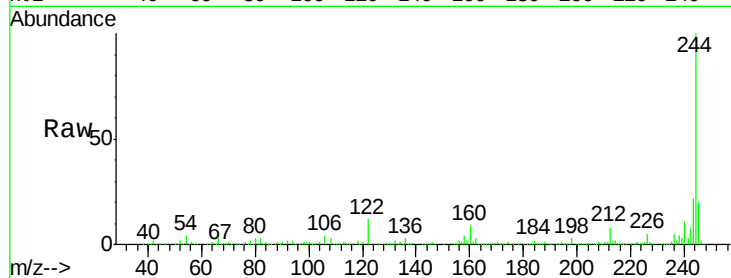




#78
 Terphenyl-d14
 Concen: 71.02 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.07 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Instrument :
 BNA_F
 ClientSampleID :
 PB90866TB

Tgt Ion:244 Resp: 1313311
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.6 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Tgt Ion:264 Resp: 339602
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.3 25.9

