

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087432.D
 Acq On : 27 May 2016 5:40
 Operator : UM/SJ
 Sample : PB90847TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

Quant Time: May 27 07:40:26 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

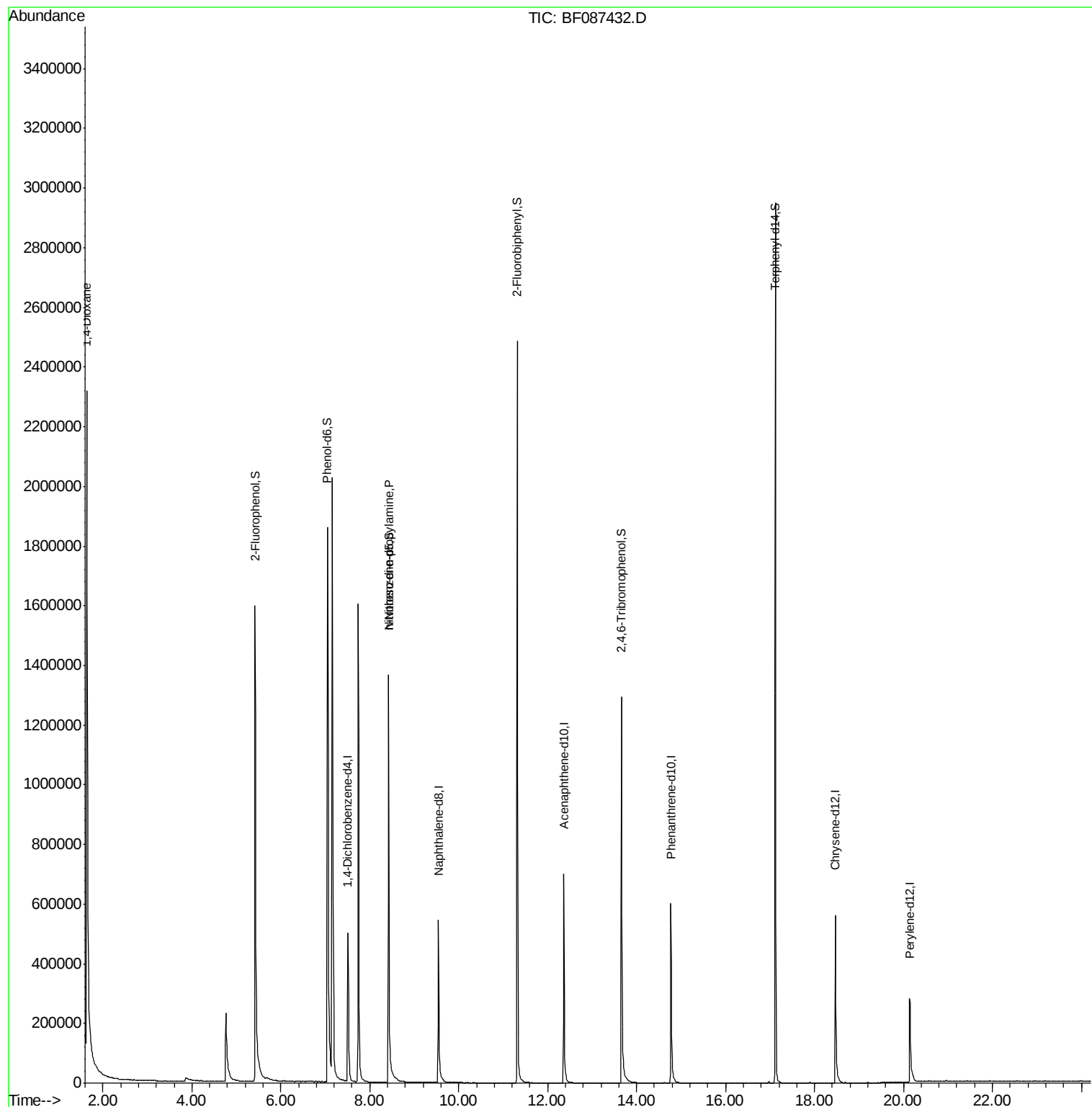
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	103873	20.00	ng	-0.01
21) Naphthalene-d8	9.54	136	411940	20.00	ng	-0.01
38) Acenaphthene-d10	12.37	164	191547	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	392320	20.00	ng	-0.01
75) Chrysene-d12	18.47	240	315934	20.00	ng	-0.01
86) Perylene-d12	20.15	264	235151	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	727582	123.08	ng	0.00
7) Phenol-d6	7.05	99	875185	109.57	ng	-0.02
23) Nitrobenzene-d5	8.42	82	645528	78.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	204548	111.12	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1058200	77.88	ng	-0.02
78) Terphenyl-d14	17.12	244	1077250	72.49	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.63	88	90235	28.93	ng	# 22
19) n-Nitroso-di-n-propylamine	8.42	70	83170	13.96	ng	# 76

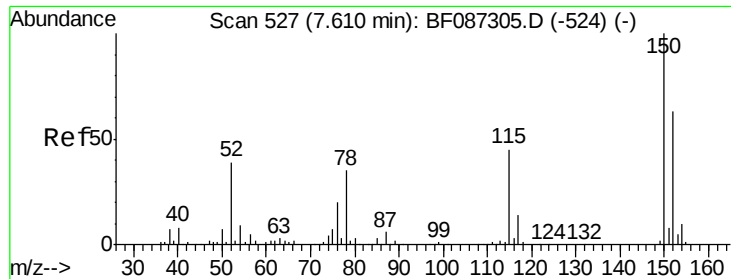
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampled :

PB90847TB

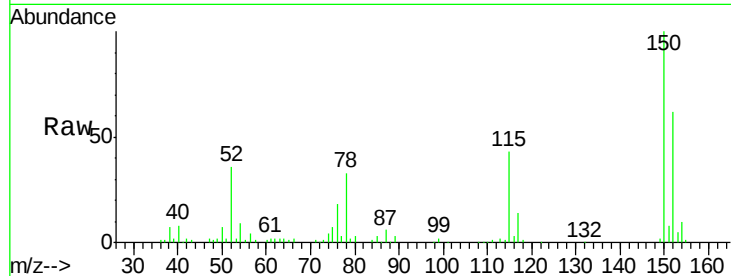
Tgt Ion:152 Resp: 103873

Ion Ratio Lower Upper

152 100

150 162.4 125.8 188.6

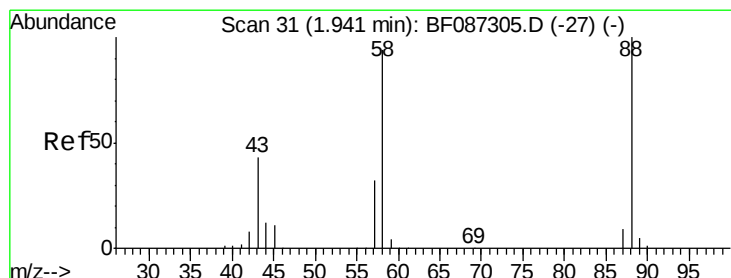
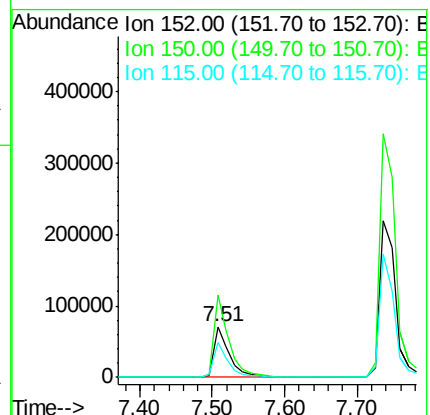
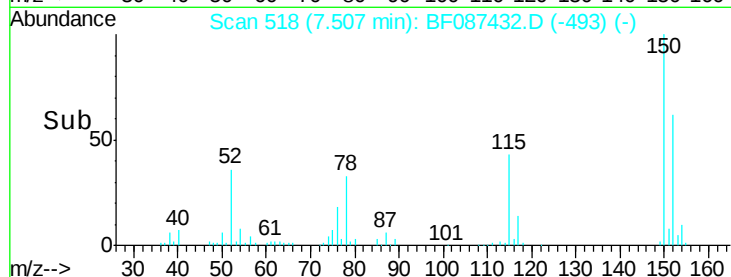
115 69.1 51.5 77.3



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: 28.93 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

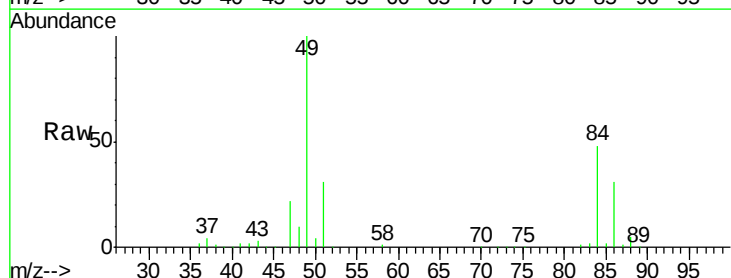
Tgt Ion: 88 Resp: 90235

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

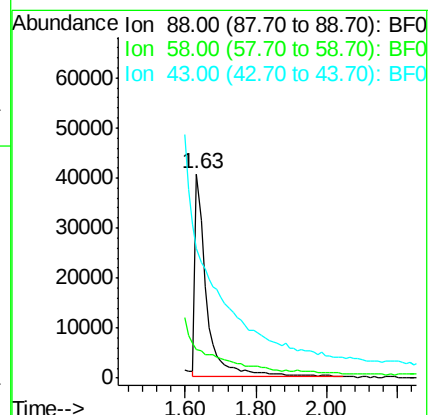
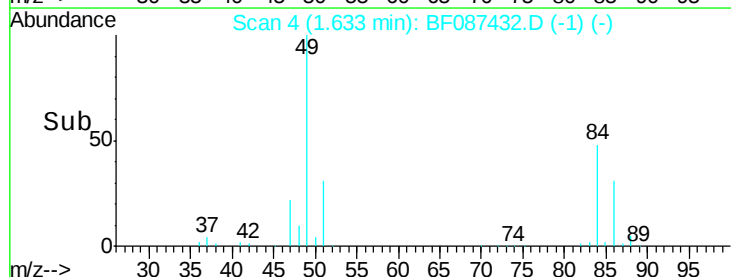
43 0.0 21.8 32.6#



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: 123.08 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

PB90847TB

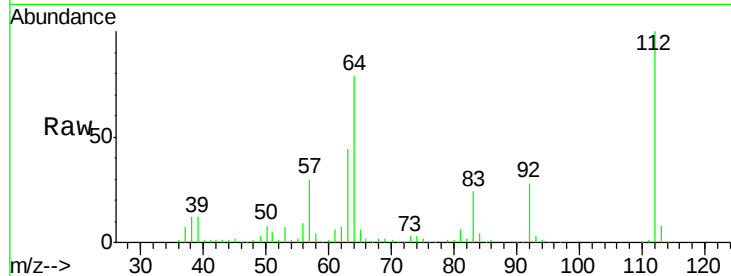
Tgt Ion: 112 Resp: 727582

Ion Ratio Lower Upper

112 100

64 78.8 52.1 78.1#

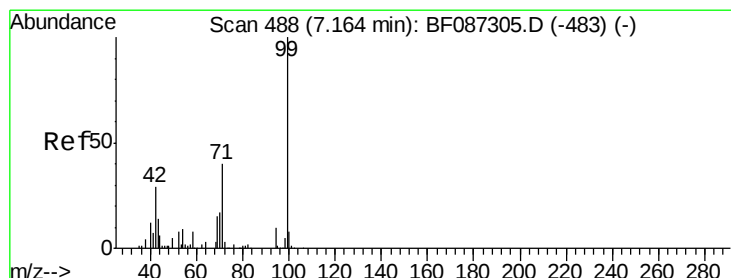
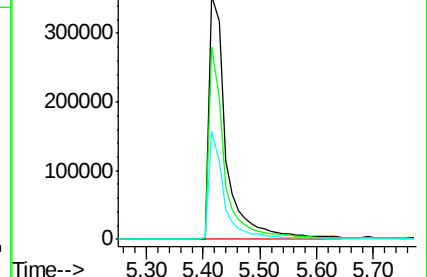
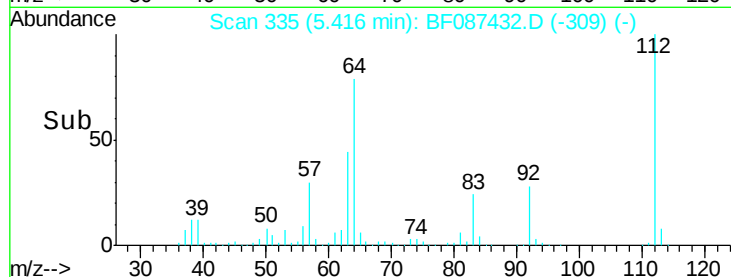
63 44.1 25.7 38.5#



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: 109.57 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

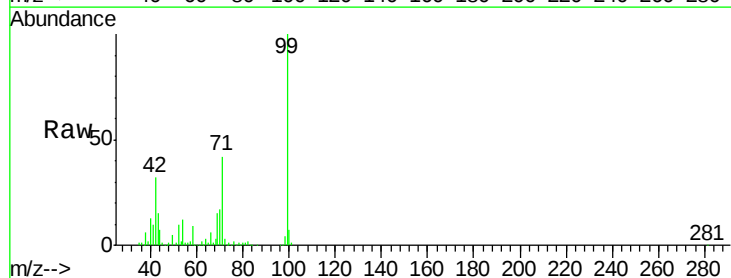
Tgt Ion: 99 Resp: 875185

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

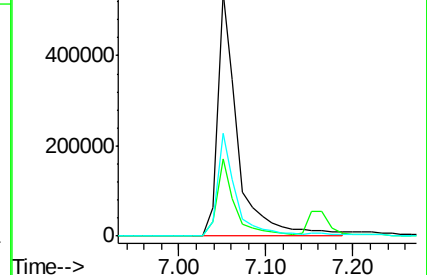
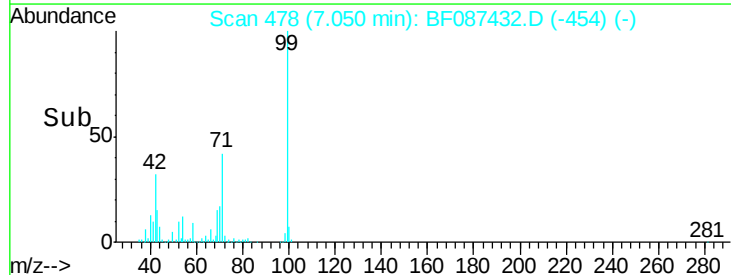
71 42.0 24.6 36.8#

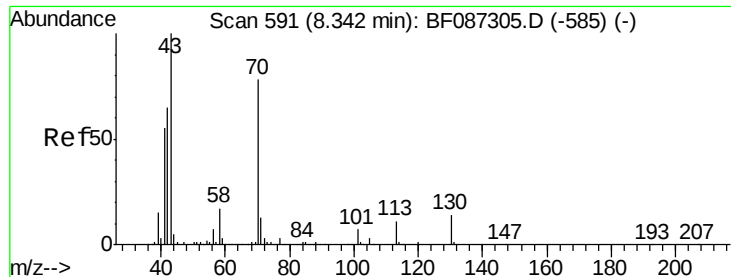


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

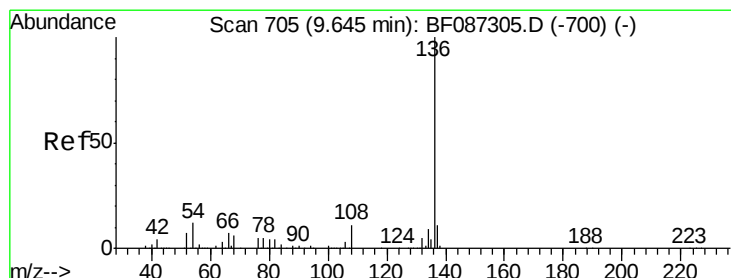
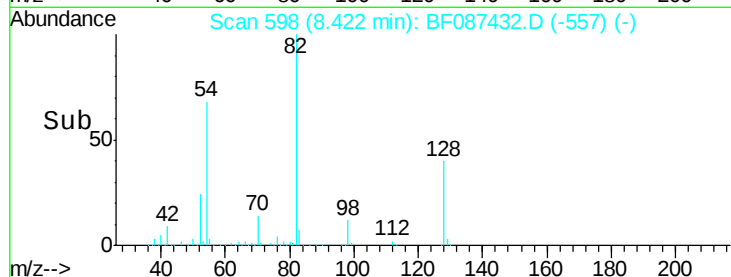
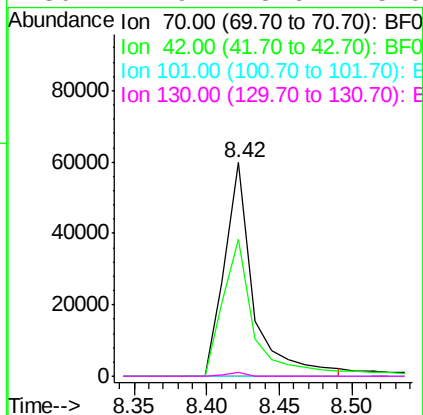
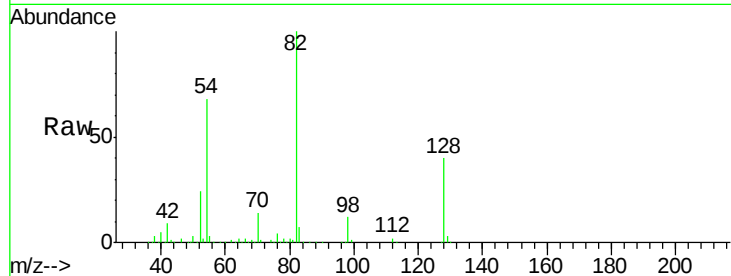




#19
n-Nitroso-di-n-propylamine
Concen: 13.96 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.17 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

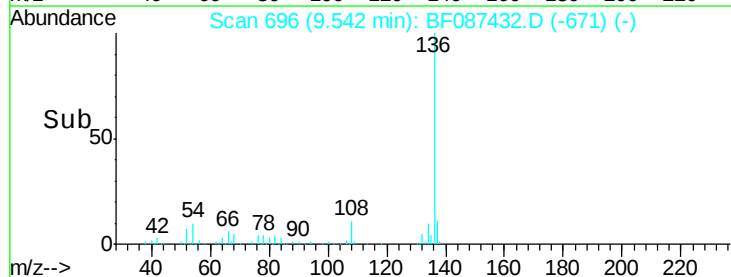
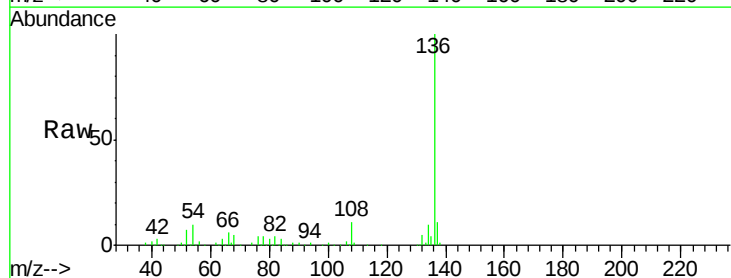
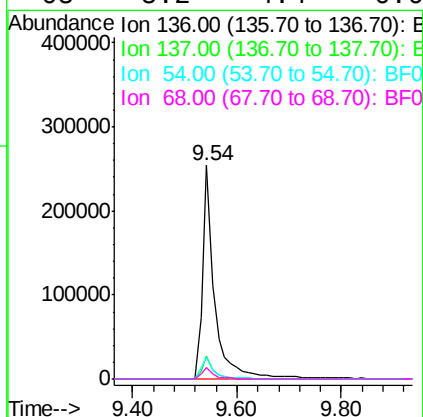
Instrument :
BNA_F
ClientSampled :
PB90847TB

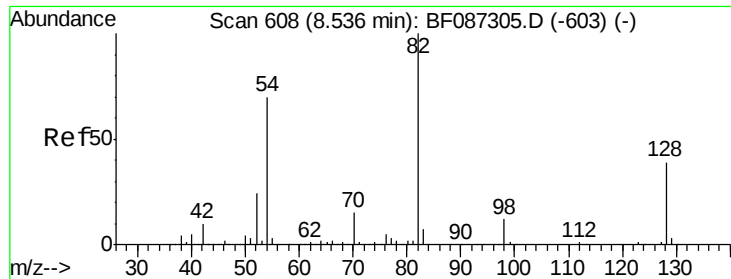
Tgt Ion: 70 Resp: 83170
Ion Ratio Lower Upper
70 100
42 64.4 43.1 64.7
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

Tgt Ion: 136 Resp: 411940
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.5 5.0 7.4#
68 5.2 4.4 6.6

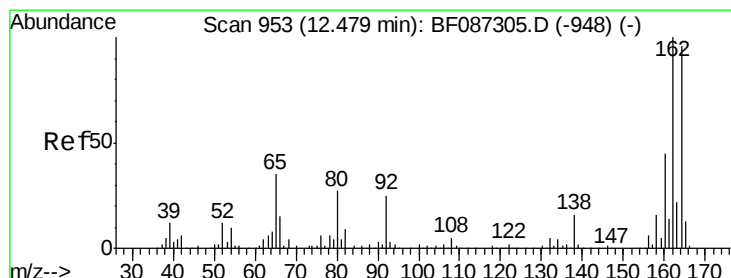
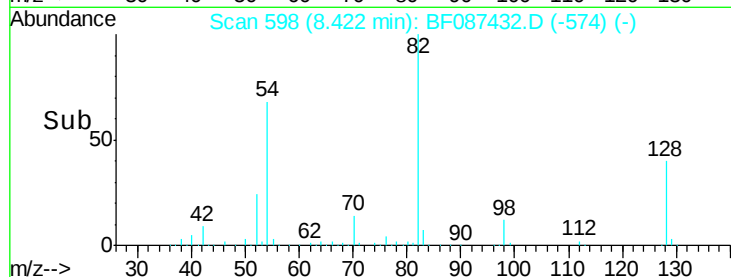
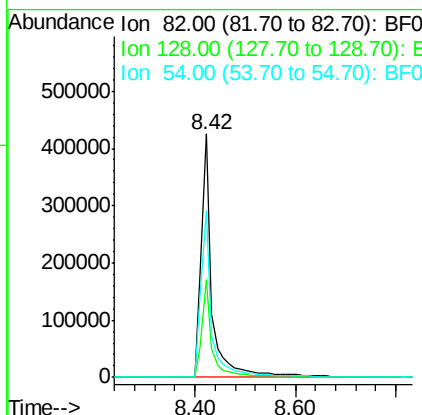
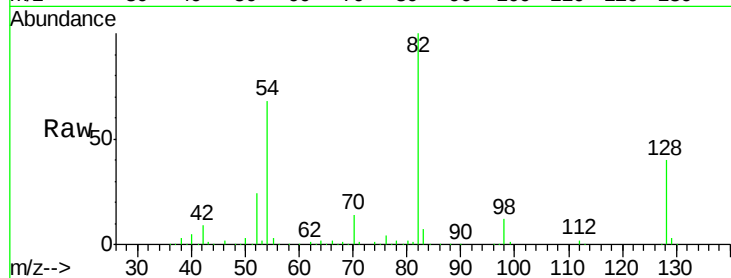




#23
 Nitrobenzene-d5
 Concen: 78.98 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

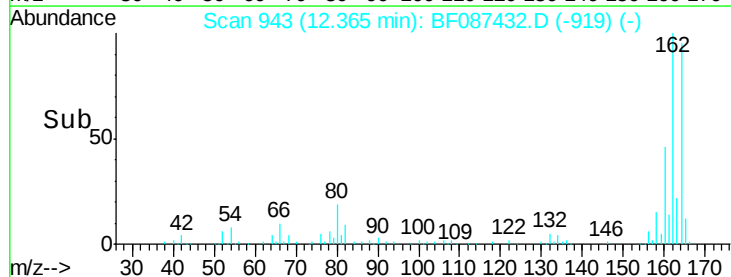
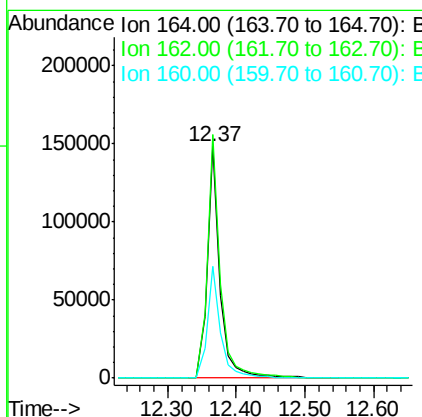
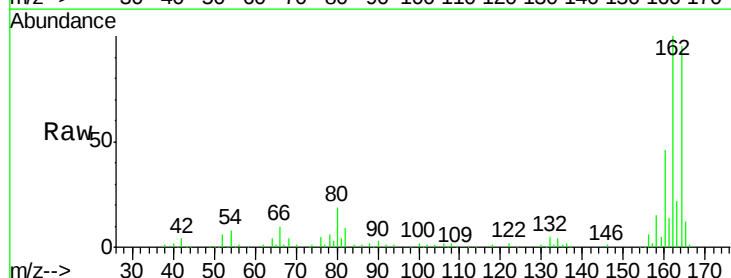
Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

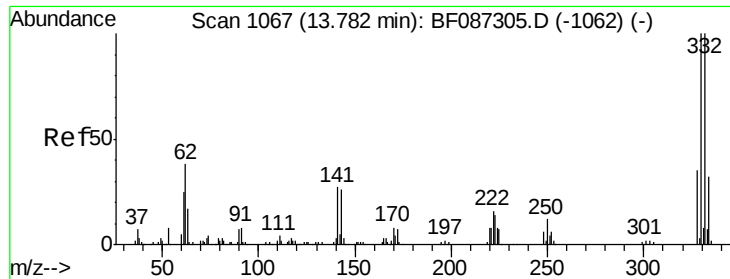
Tgt Ion: 82 Resp: 645528
 Ion Ratio Lower Upper
 82 100
 128 40.0 40.6 61.0#
 54 68.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Tgt Ion: 164 Resp: 191547
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.8 124.2
 160 48.2 36.9 55.3

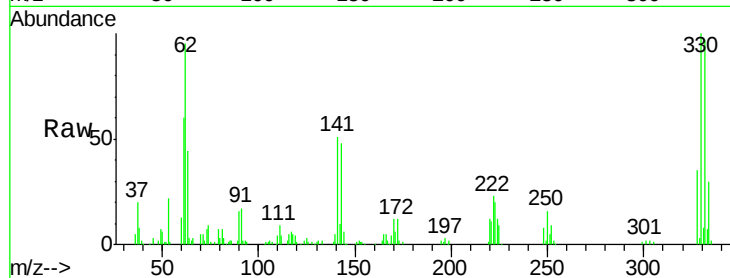




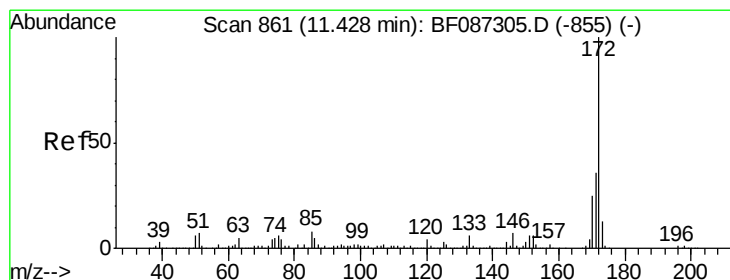
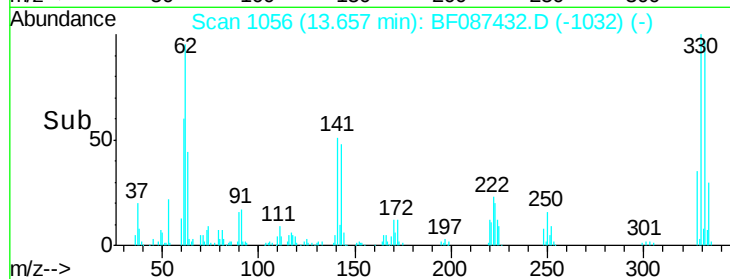
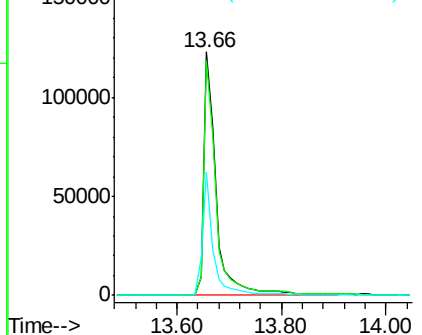
#41
 2,4,6-Tribromophenol
 Concen: 111.12 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 PB90847TB

Tgt Ion:330 Resp: 204548
 Ion Ratio Lower Upper
 330 100
 332 95.9 79.0 118.4
 141 45.6 31.2 46.8

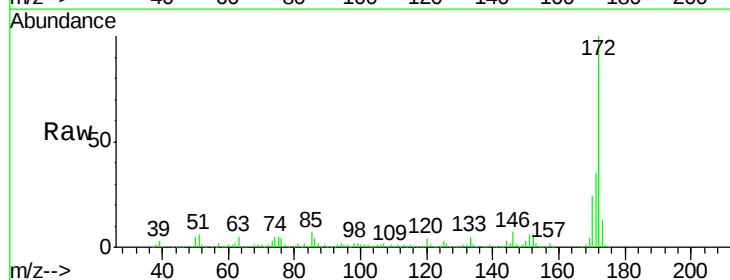


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

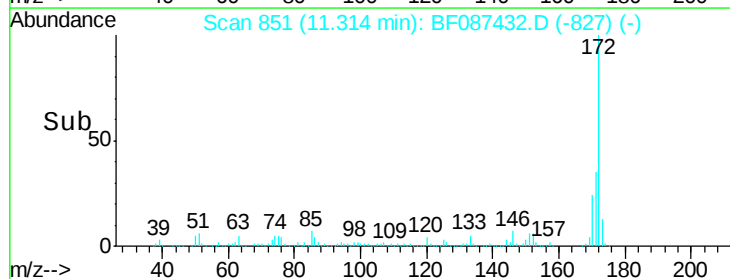
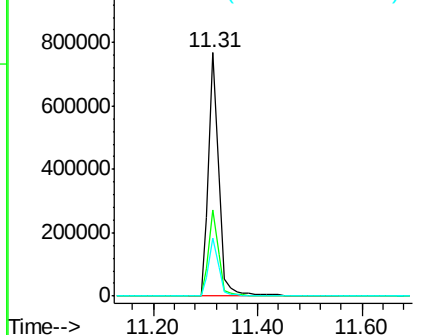


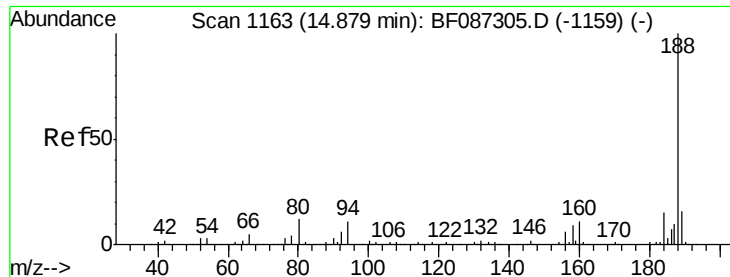
#44
 2-Fluorobiphenyl
 Concen: 77.88 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087432.D
 Acq: 27 May 2016 5:40

Tgt Ion:172 Resp: 1058200
 Ion Ratio Lower Upper
 172 100
 171 35.4 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

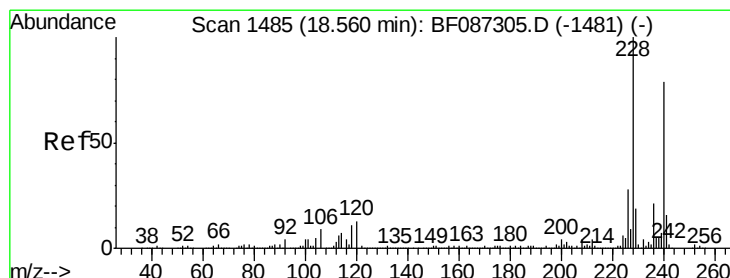
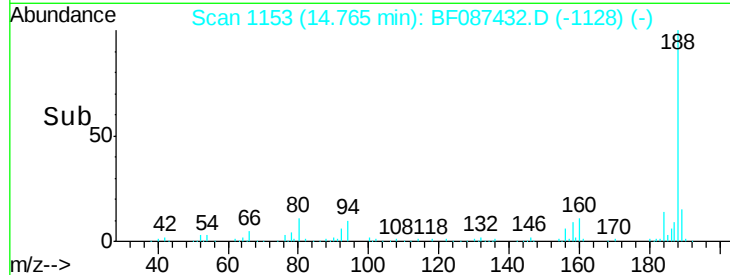
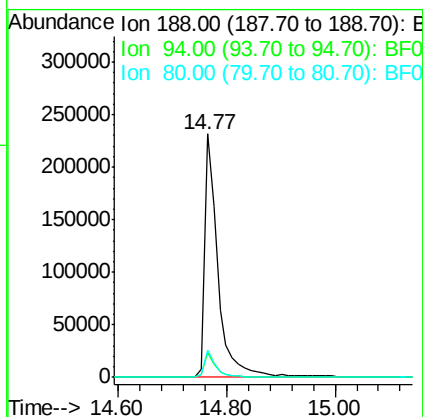
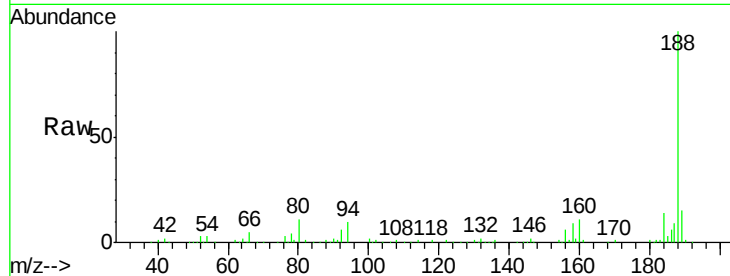




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

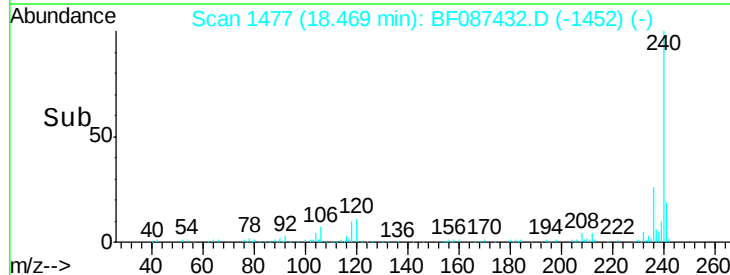
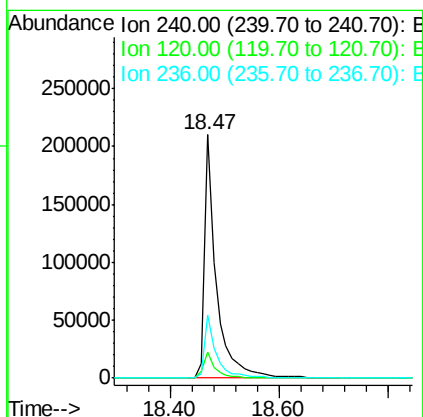
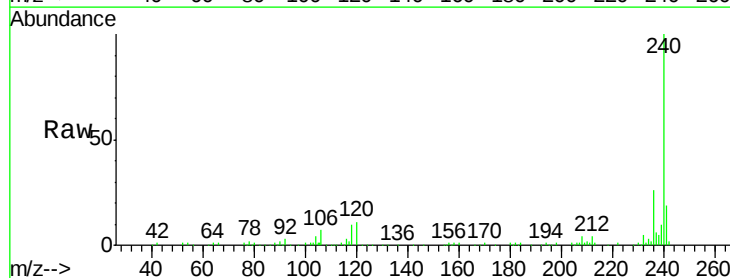
Instrument :
BNA_F
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PB90847TB

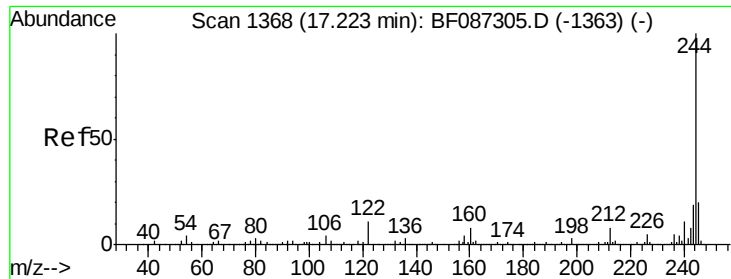
Tgt Ion:188 Resp: 392320
Ion Ratio Lower Upper
188 100
94 10.2 6.8 10.2
80 11.4 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087432.D
Acq: 27 May 2016 5:40

Tgt Ion:240 Resp: 315934
Ion Ratio Lower Upper
240 100
120 10.8 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 72.49 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Instrument :

BNA_F

ClientSampleId :

PB90847TB

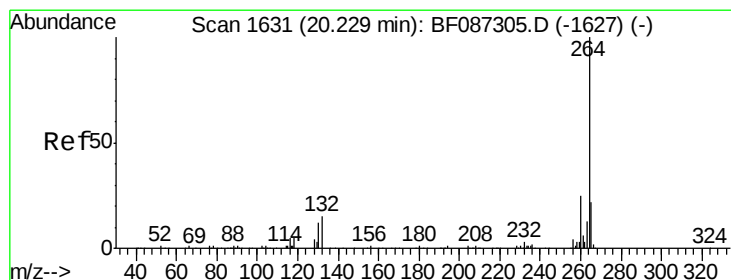
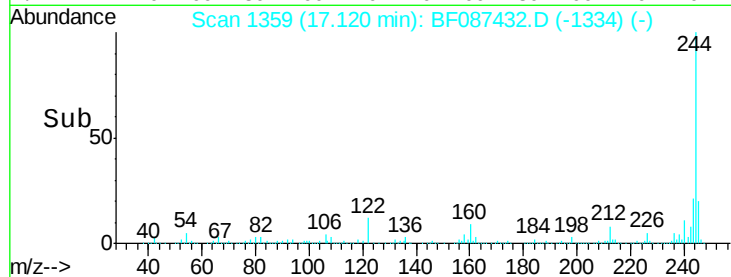
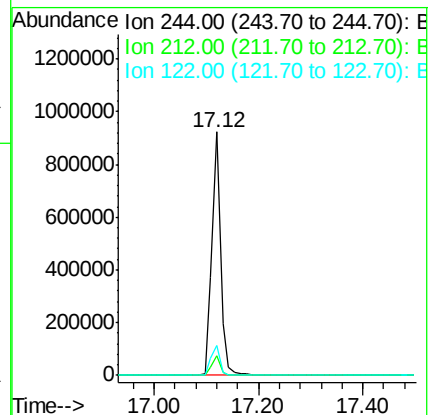
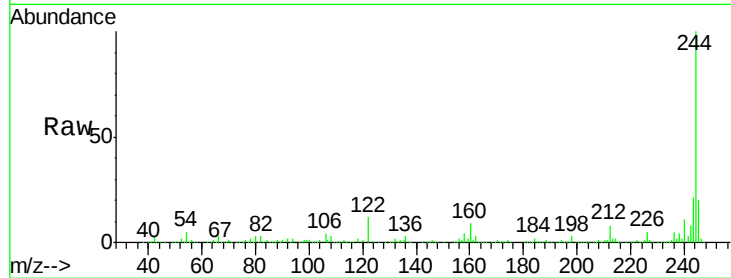
Tgt Ion:244 Resp: 1077250

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 12.0 12.0 18.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087432.D

Acq: 27 May 2016 5:40

Tgt Ion:264 Resp: 235151

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 17.3 25.9

