

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087368.D
 Acq On : 25 May 2016 12:48
 Operator : UM/SJ
 Sample : H3169-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: May 25 16:32:19 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

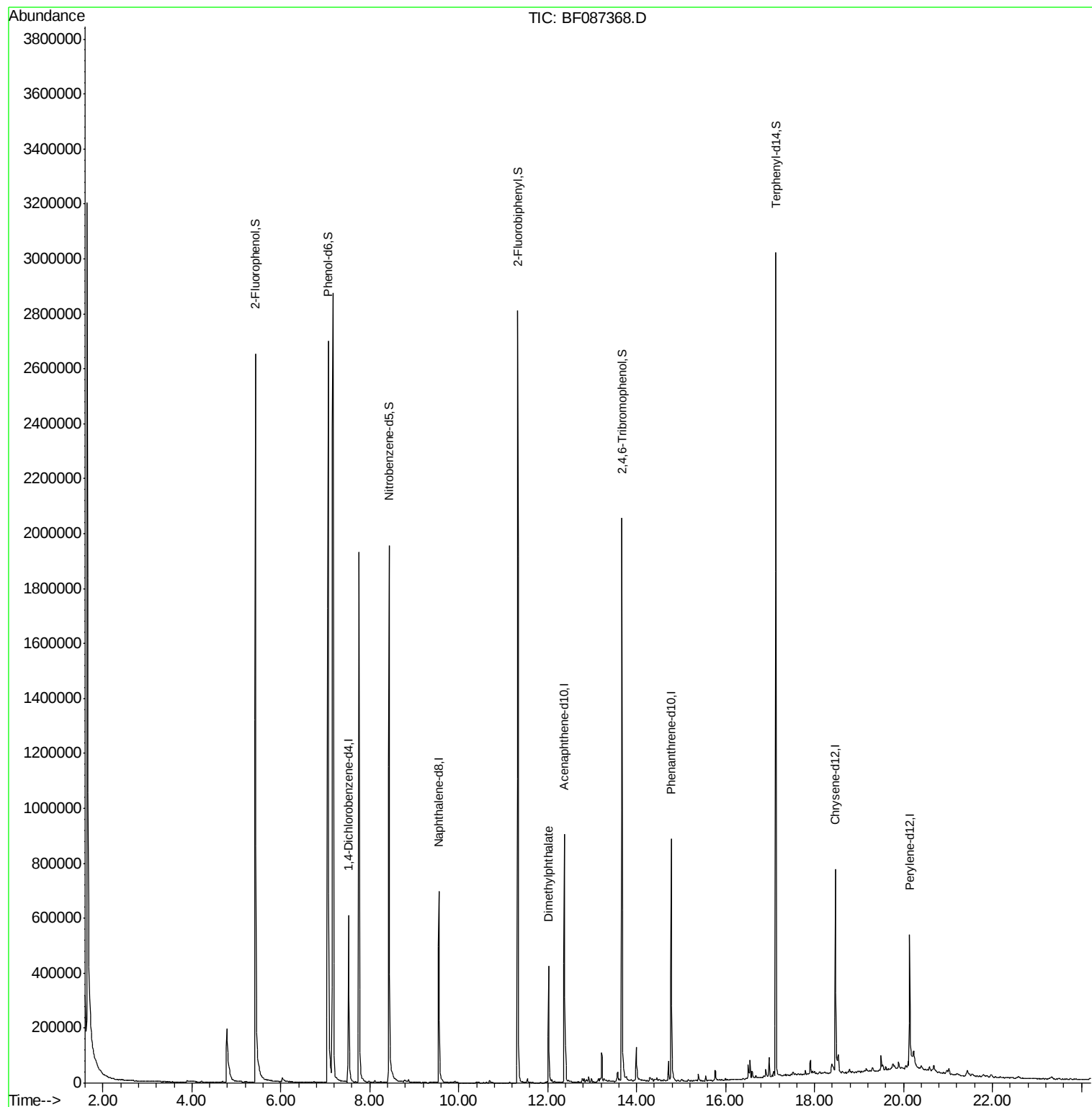
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	120284	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	508705	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	240201	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	440747	20.00	ng	0.00
75) Chrysene-d12	18.47	240	329846	20.00	ng	-0.01
86) Perylene-d12	20.14	264	247139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	975182	142.46	ng	0.01
7) Phenol-d6	7.06	99	1244146	134.51	ng	-0.01
23) Nitrobenzene-d5	8.43	82	866095	85.81	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	284501	123.25	ng	-0.01
44) 2-Fluorobiphenyl	11.32	172	1351778	79.34	ng	-0.01
78) Terphenyl-d14	17.13	244	1131356	72.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.02	163	221821	11.53	ng	99

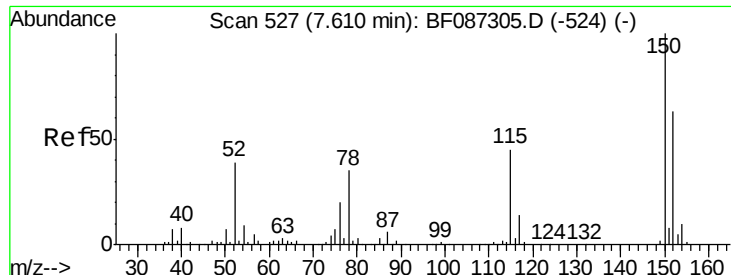
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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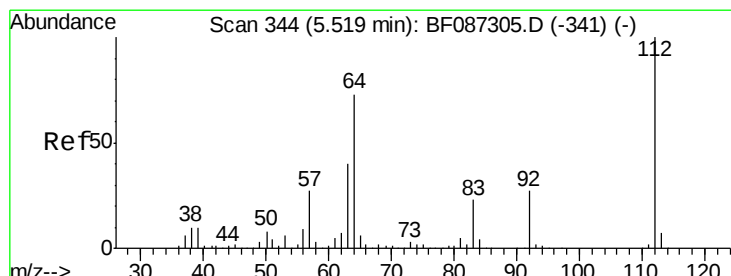
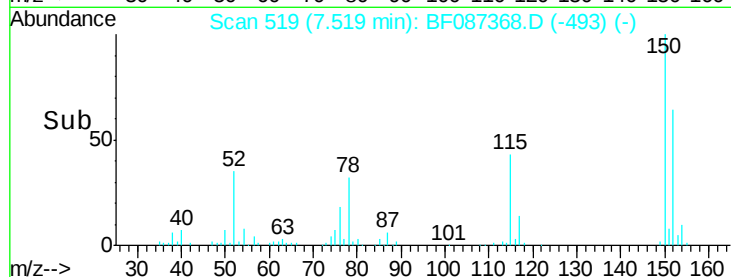
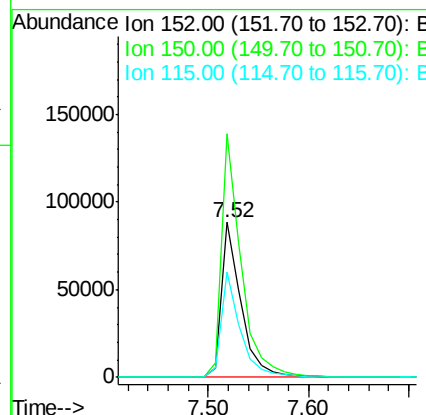
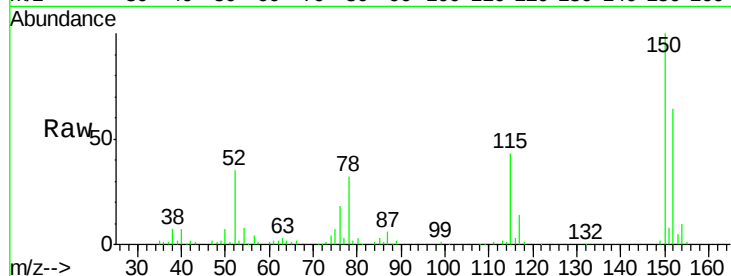


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087368.D
Acq: 25 May 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

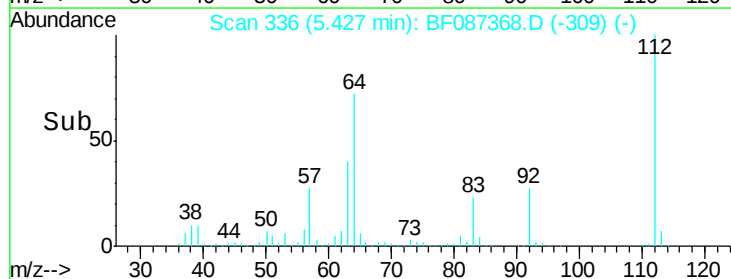
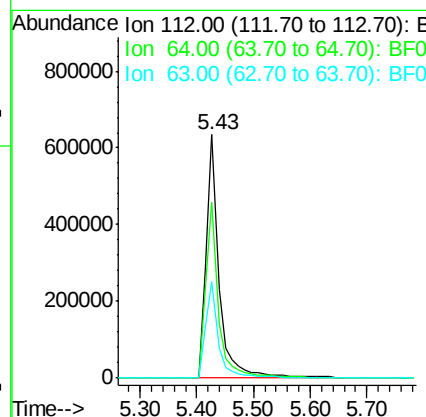
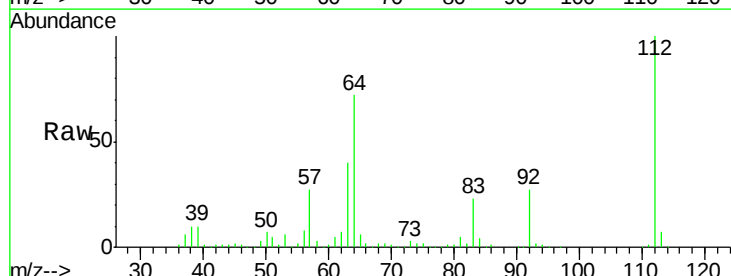
Tot Ion:152 Resp: 120284
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 67.7 51.5 77.3

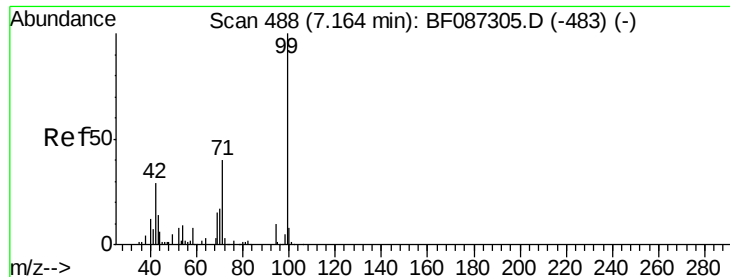


#5

2-Fluorophenol
Concen: 142.46 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.01 min
Lab File: BF087368.D
Acq: 25 May 2016 12:48

Tgt Ion:112 Resp: 975182
Ion Ratio Lower Upper
112 100
64 72.3 52.1 78.1
63 39.9 25.7 38.5#





#7

Phenol-d6

Concen: 134.51 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

Instrument :

BNA_F

ClientSampled :

SB-04-COMP

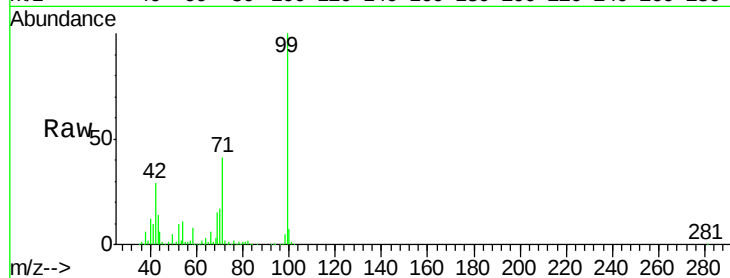
Tot Ion: 99 Resp: 1244146

Ion Ratio Lower Upper

99 100

42 29.3 13.6 20.4#

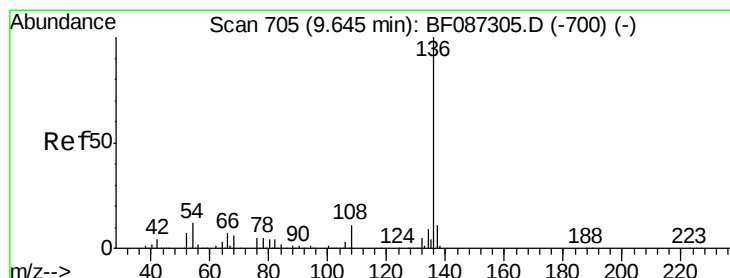
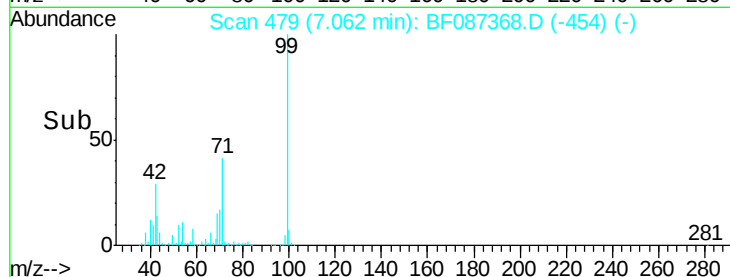
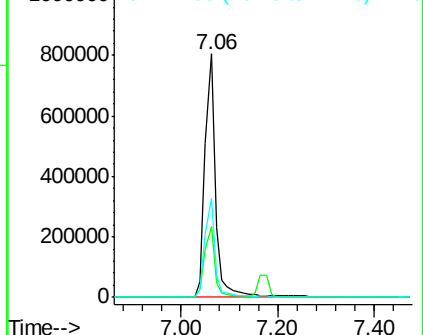
71 40.7 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

Tgt Ion: 136 Resp: 508705

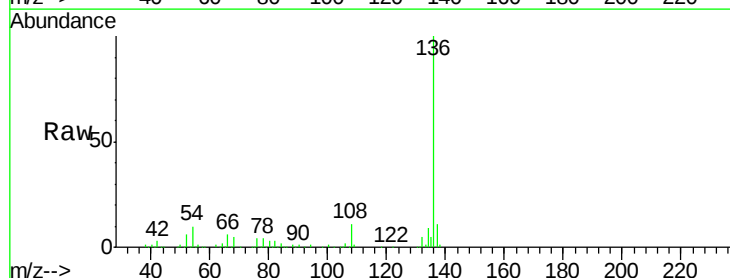
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.1 5.0 7.4#

68 5.1 4.4 6.6

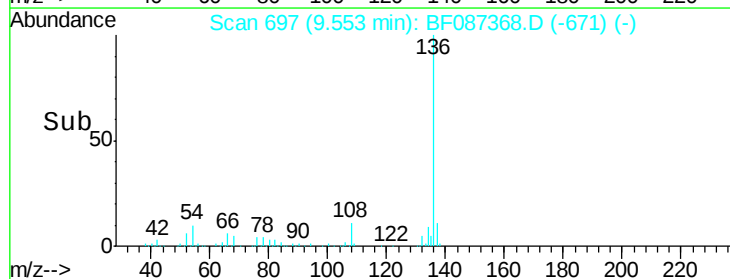
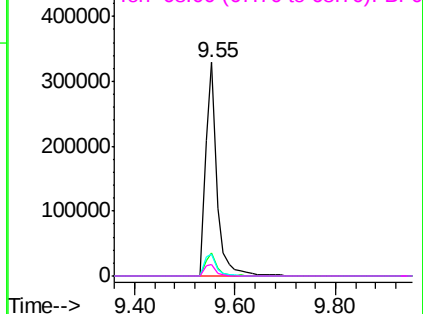


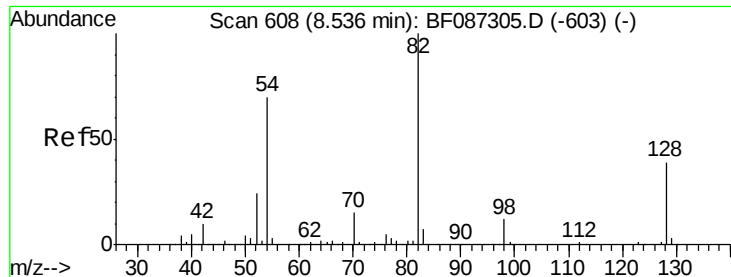
Abundance Ion 136.00 (135.70 to 136.70): E

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

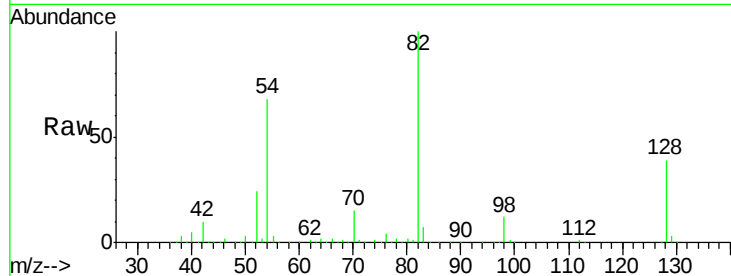




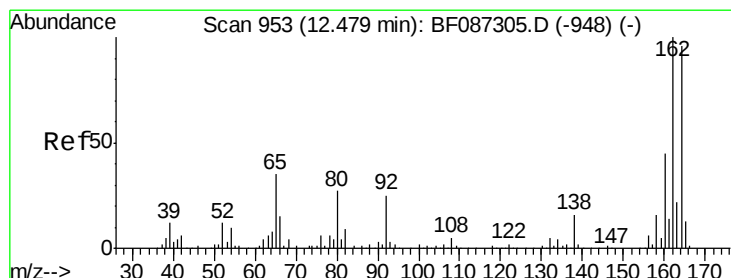
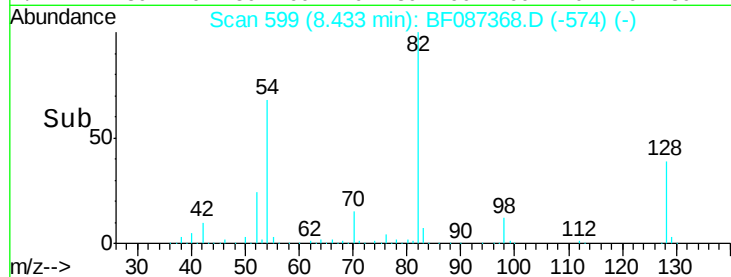
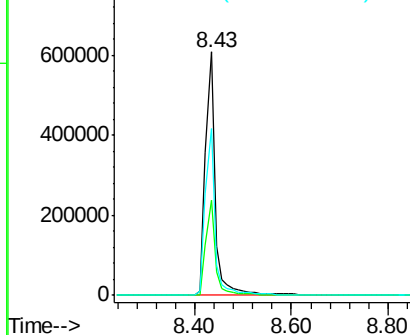
#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF087368.D
 Acq: 25 May 2016 12:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion: 82 Resp: 866095
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 68.3 38.1 57.1#

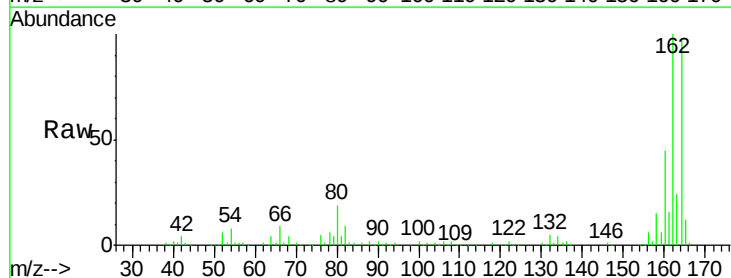


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

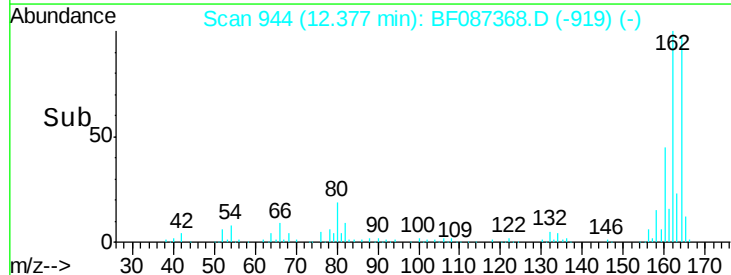
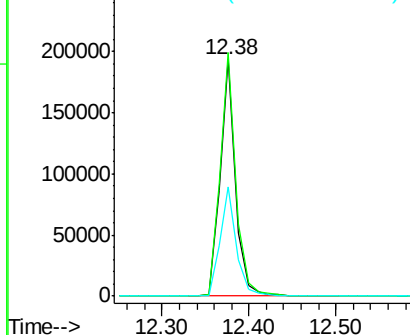


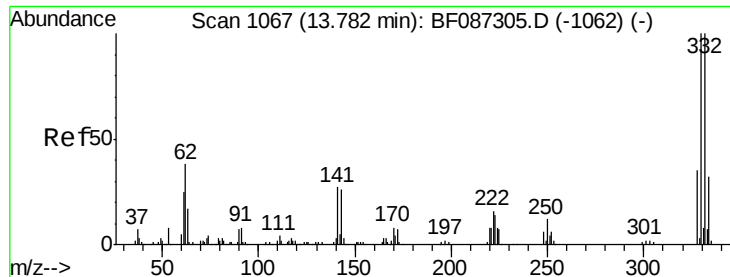
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087368.D
 Acq: 25 May 2016 12:48

Tgt Ion: 164 Resp: 240201
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.8 124.2
 160 46.2 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

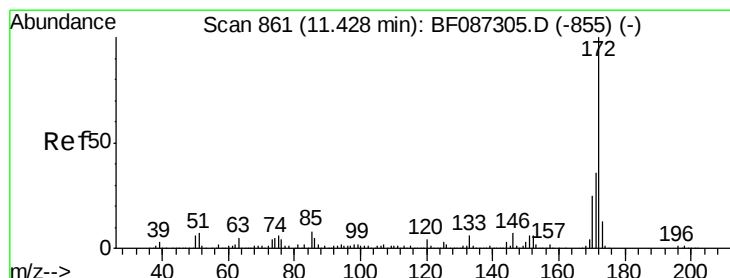
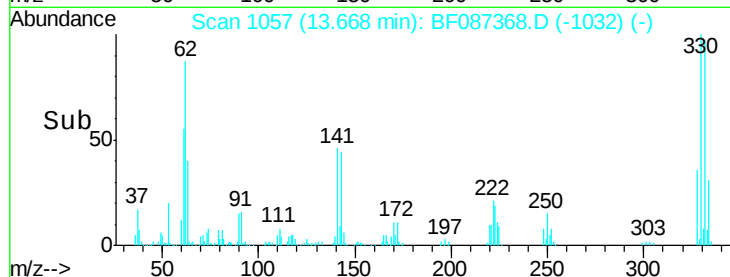
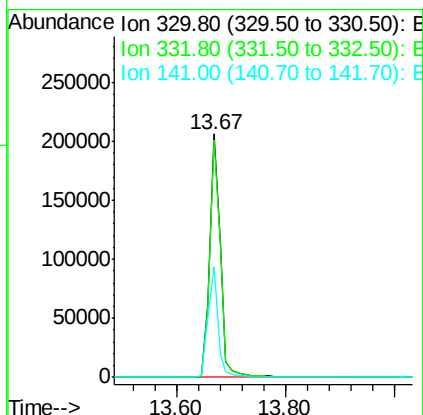
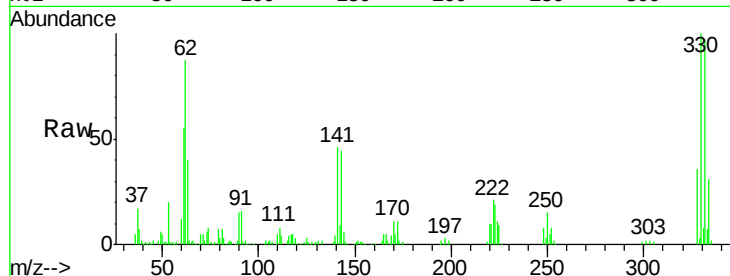




#41
 2,4,6-Tribromophenol
 Concen: 123.25 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087368.D
 Acq: 25 May 2016 12:48

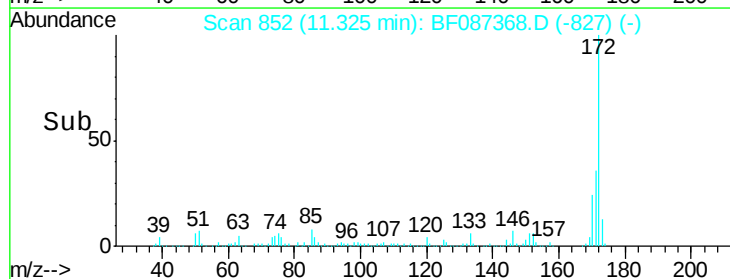
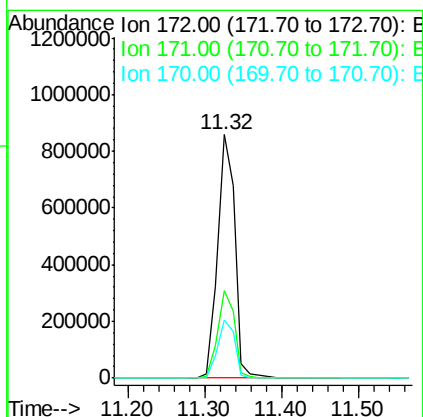
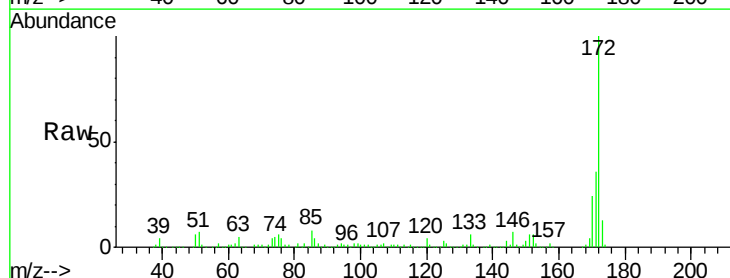
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

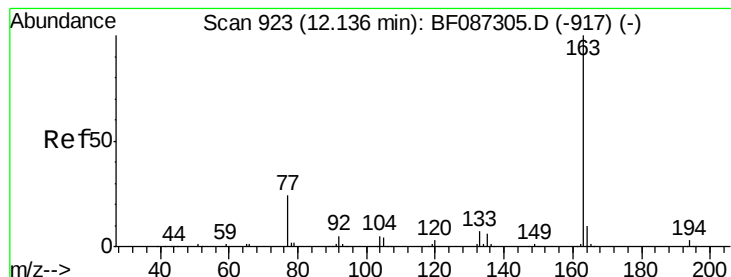
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.0	118.4
141	42.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 79.34 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF087368.D
 Acq: 25 May 2016 12:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	24.0	19.8	29.8





#49

Dimethylphthalate

Concen: 11.53 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

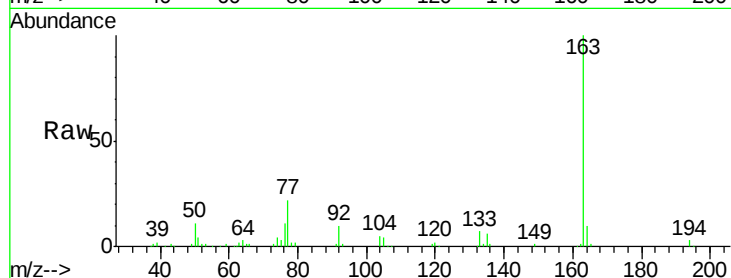
Tot Ion:163 Resp: 221821

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

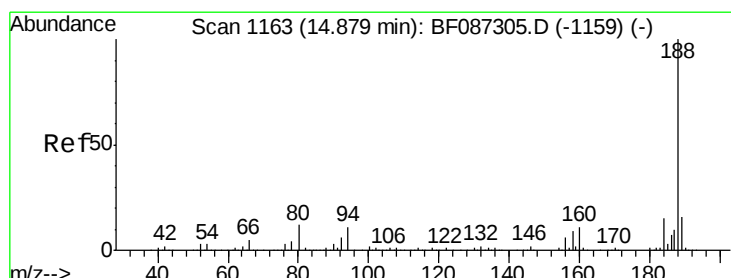
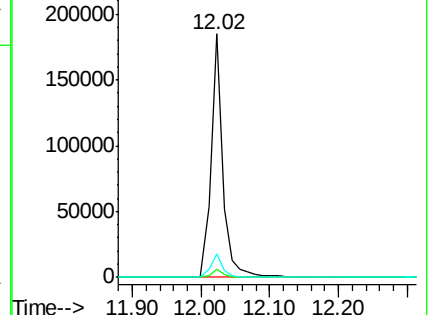
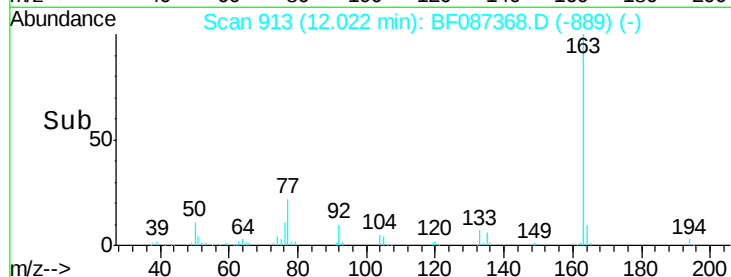
164 9.9 8.2 12.4



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: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

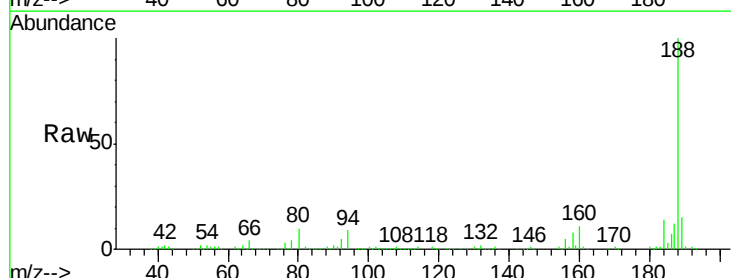
Tgt Ion:188 Resp: 440747

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

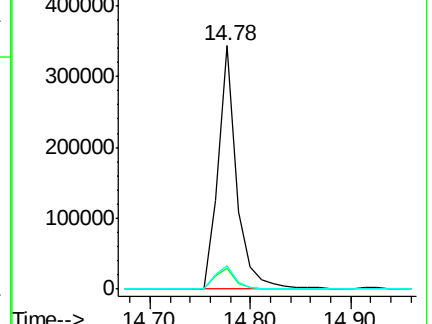
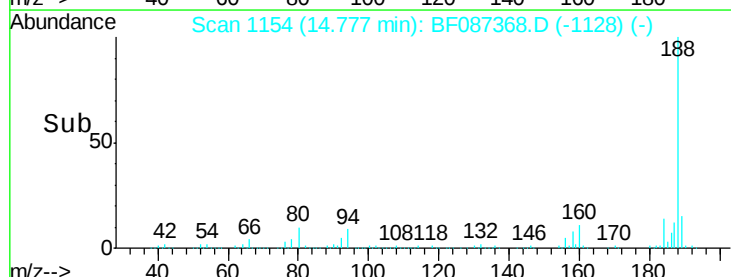
80 9.8 7.1 10.7

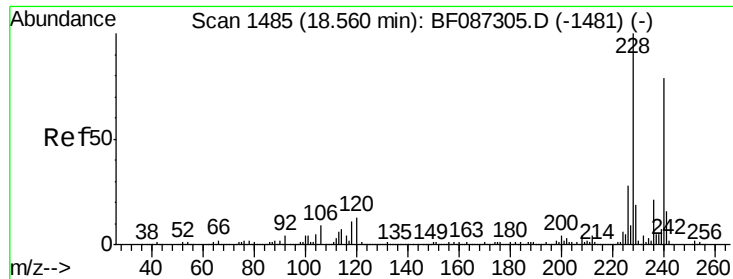


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

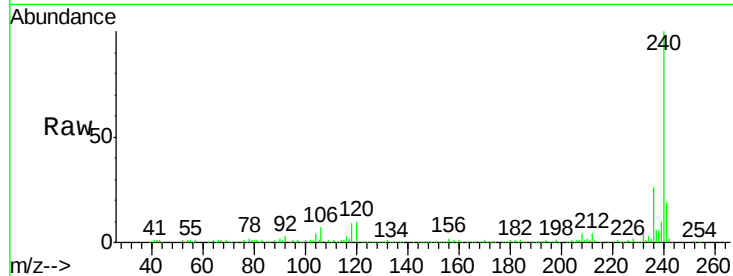
Tot Ion:240 Resp: 329846

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

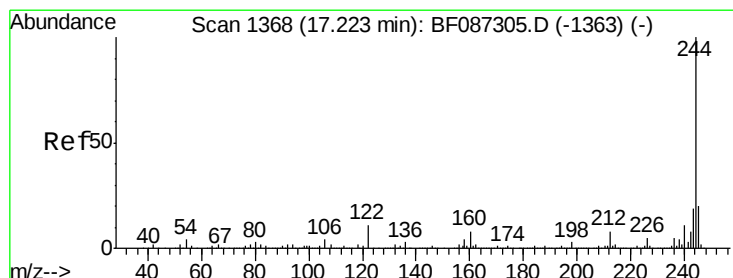
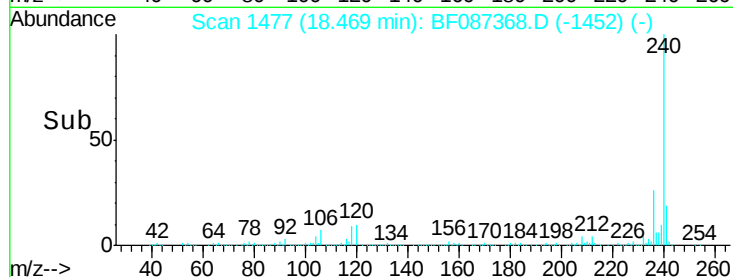
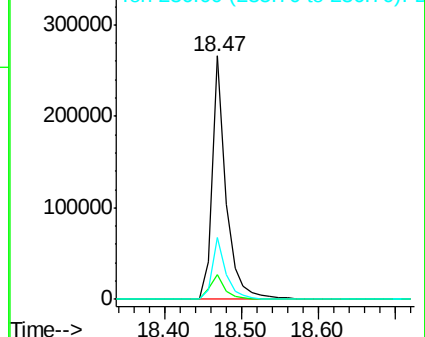
236 25.6 21.2 31.8



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: 72.92 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087368.D

Acq: 25 May 2016 12:48

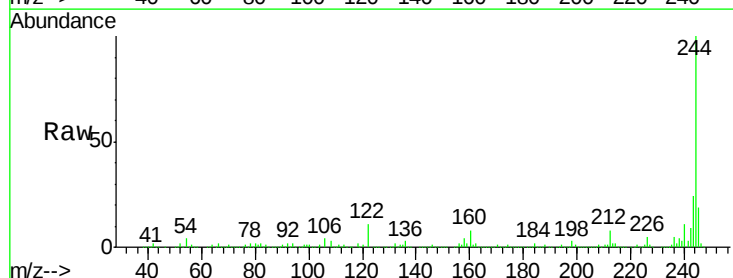
Tgt Ion:244 Resp: 1131356

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

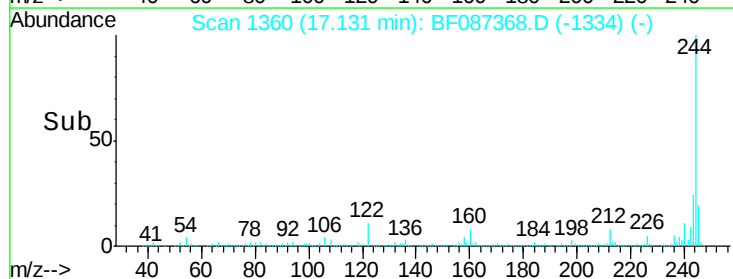
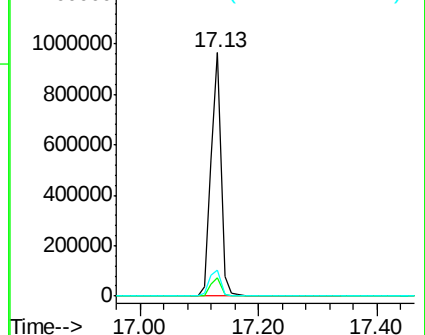
122 10.8 12.0 18.0#

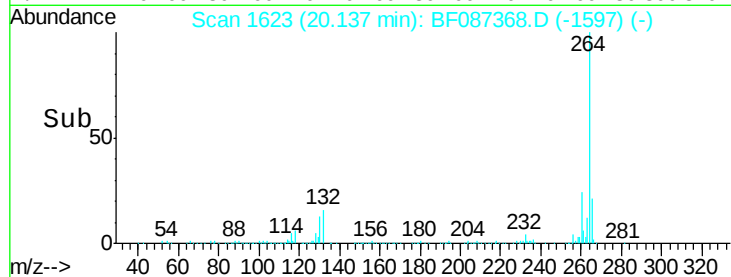
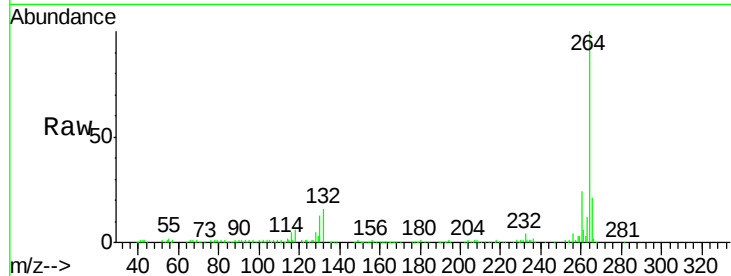
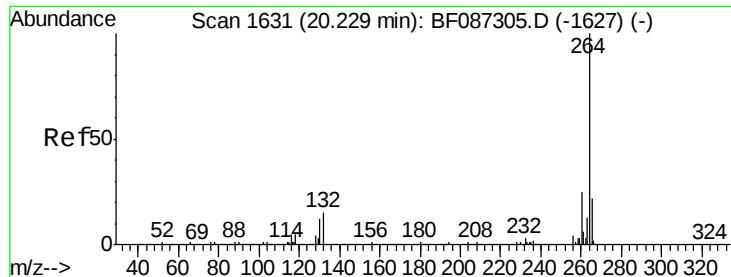


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087368.D
Acq: 25 May 2016 12:48

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.1	17.3	25.9

