

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087599.D
 Acq On : 1 Jun 2016 1:26
 Operator : UM/SJ
 Sample : H3346-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

Quant Time: Jun 01 04:07:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

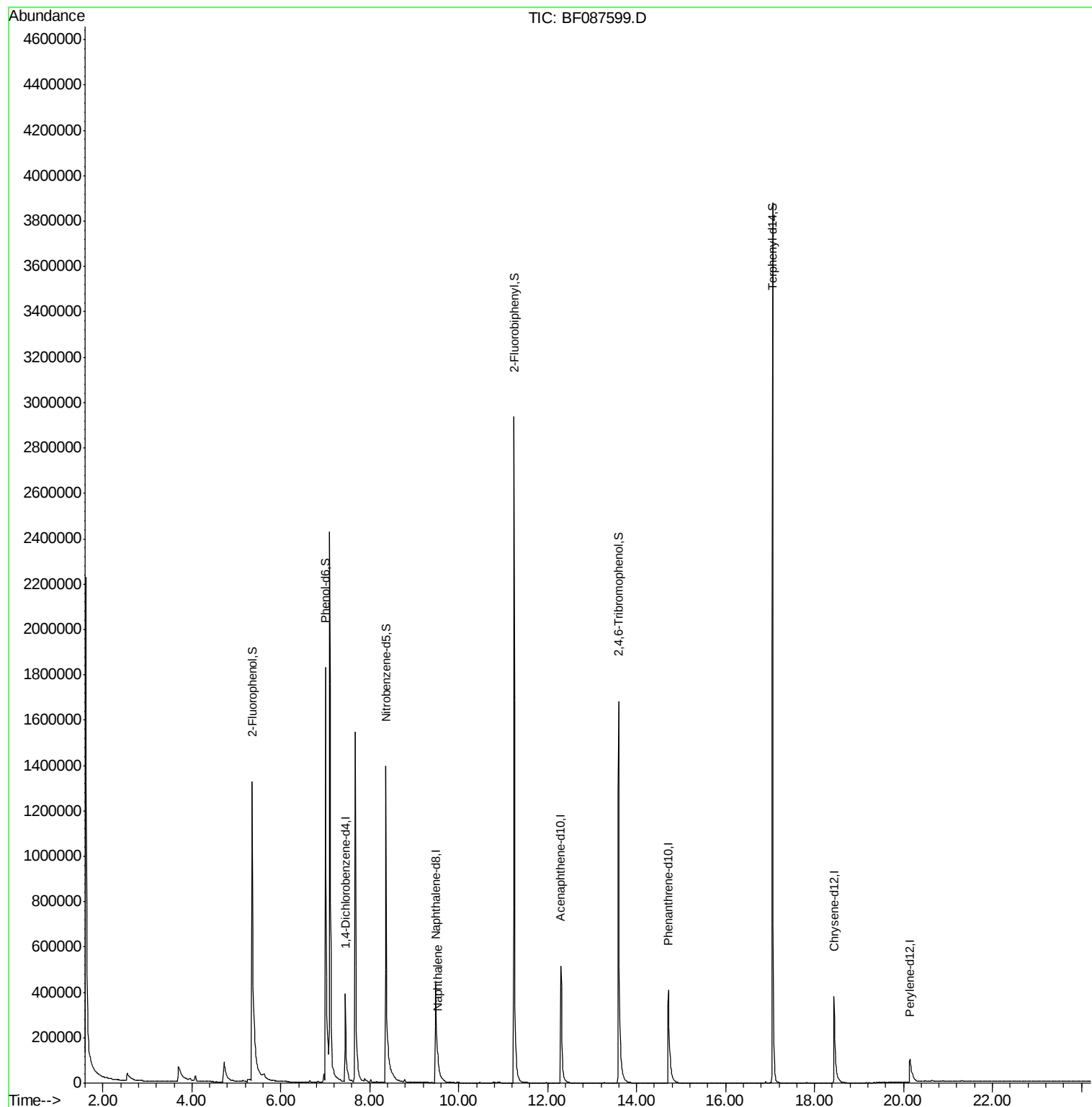
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	102188	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	430554	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	196294	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	426909	20.00	ng	0.01
75) Chrysene-d12	18.43	240	337153	20.00	ng	0.01
86) Perylene-d12	20.14	264	92106	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	827500	142.29	ng	0.01
7) Phenol-d6	7.00	99	984791	125.32	ng	-0.01
23) Nitrobenzene-d5	8.36	82	810961	94.93	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	324368	171.96	ng	-0.01
44) 2-Fluorobiphenyl	11.25	172	1370657	98.44	ng	-0.01
78) Terphenyl-d14	17.06	244	1447056	91.25	ng	0.00
Target Compounds						
31) Naphthalene	9.53	128	126378	5.86	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Instrument :

BNA_F

ClientSampleId :

WC-201605B

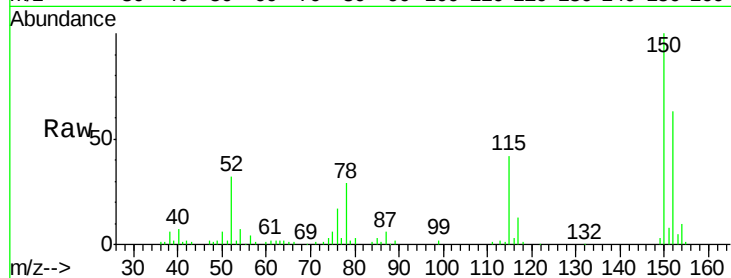
Tot Ion:152 Resp: 102188

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

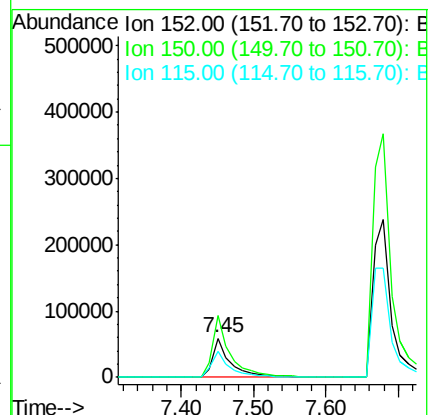
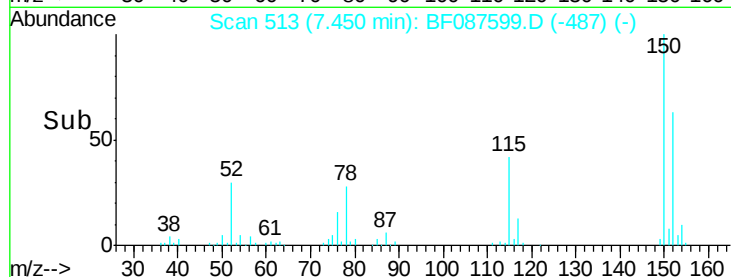
115 66.5 51.5 77.3



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: 142.29 ng

RT: 5.36 min Scan# 330

Delta R.T. 0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

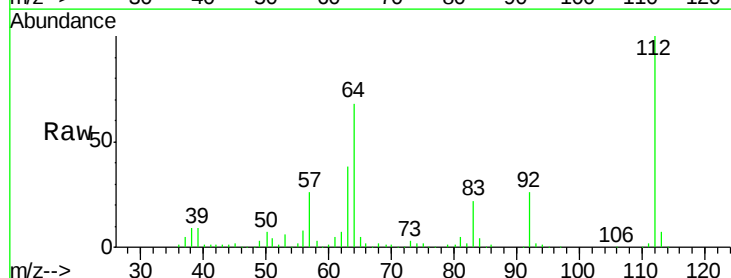
Tgt Ion:112 Resp: 827500

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

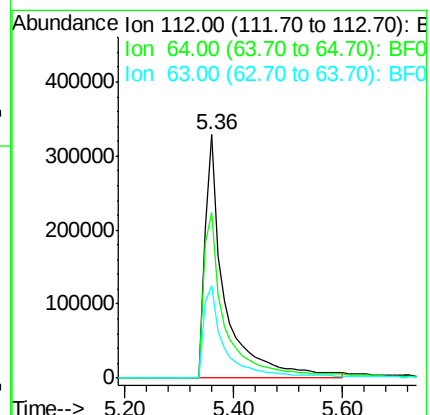
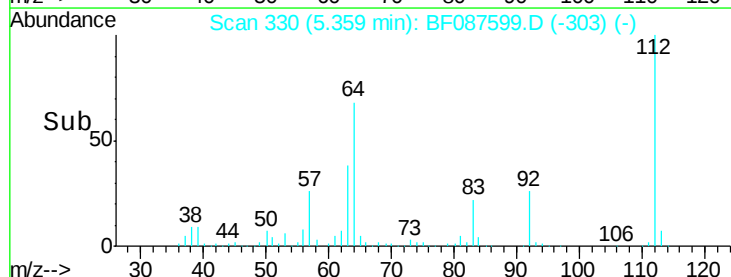
63 38.0 25.7 38.5



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: 125.32 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Instrument :

BNA_F

ClientSampleId :

WC-201605B

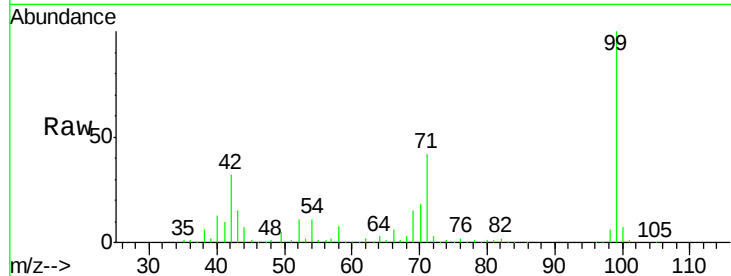
Tot Ion: 99 Resp: 984791

Ion Ratio Lower Upper

99 100

42 31.6 13.6 20.4#

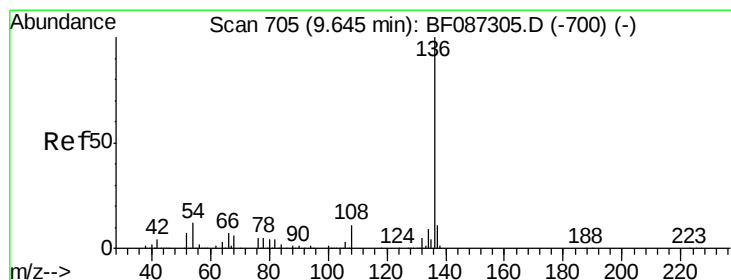
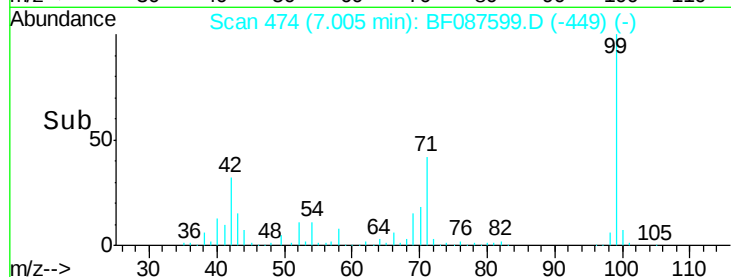
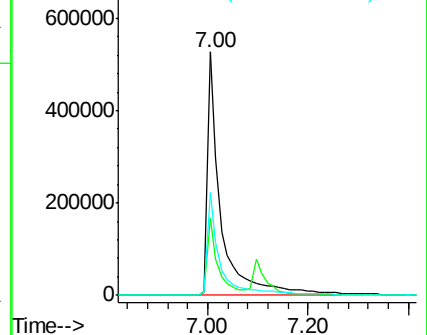
71 42.1 24.6 36.8#



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: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Tgt Ion: 136 Resp: 430554

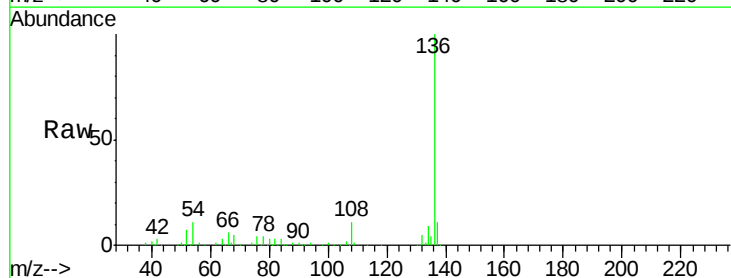
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 10.7 5.0 7.4#

68 5.0 4.4 6.6

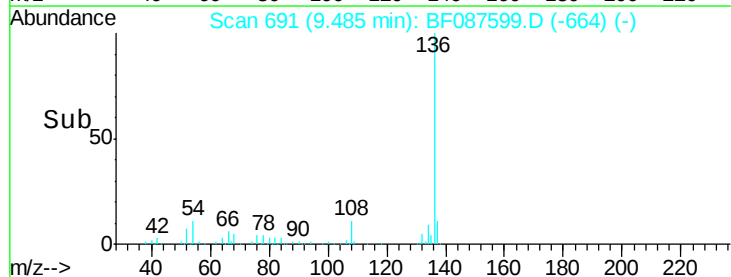
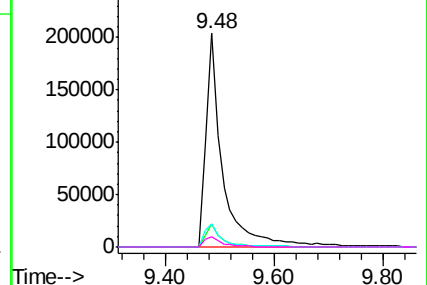


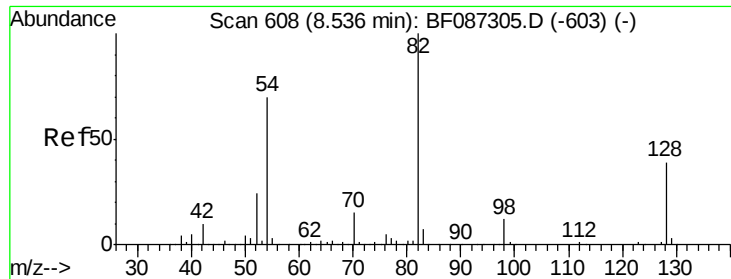
Abundance Ion 136.00 (135.70 to 136.70): E

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

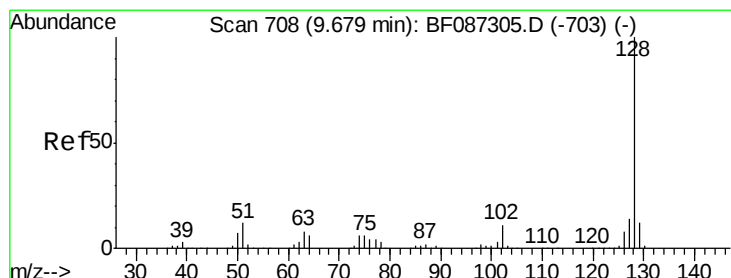
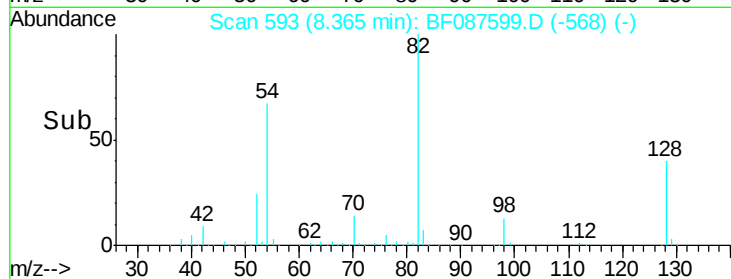
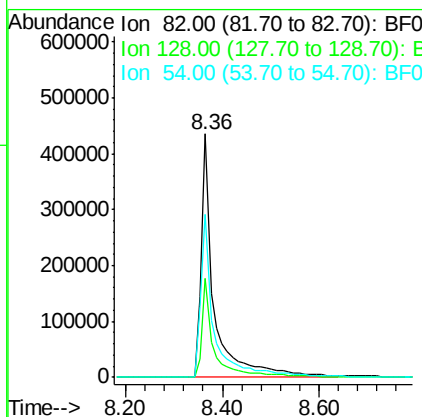
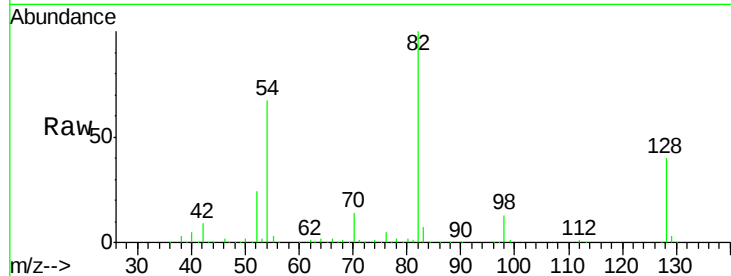




#23
 Nitrobenzene-d5
 Concen: 94.93 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087599.D
 Acq: 1 Jun 2016 1:26

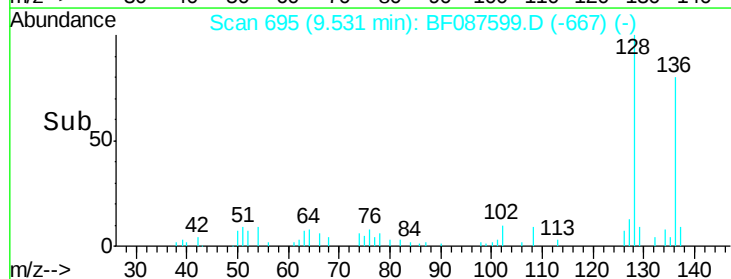
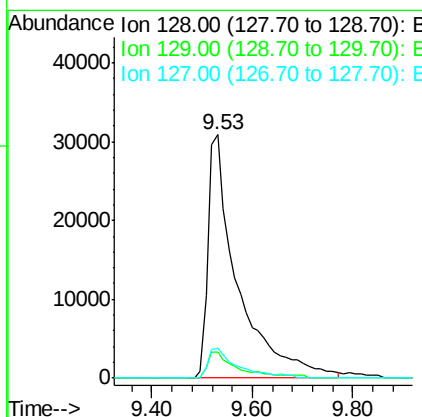
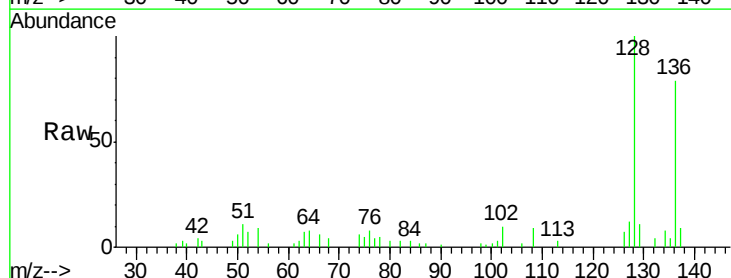
Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

Tot Ion: 82 Resp: 810961
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 67.1 38.1 57.1#



#31
 Naphthalene
 Concen: 5.86 ng
 RT: 9.53 min Scan# 695
 Delta R.T. 0.02 min
 Lab File: BF087599.D
 Acq: 1 Jun 2016 1:26

Tgt Ion: 128 Resp: 126378
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.3 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Instrument :

BNA_F

ClientSampleId :

WC-201605B

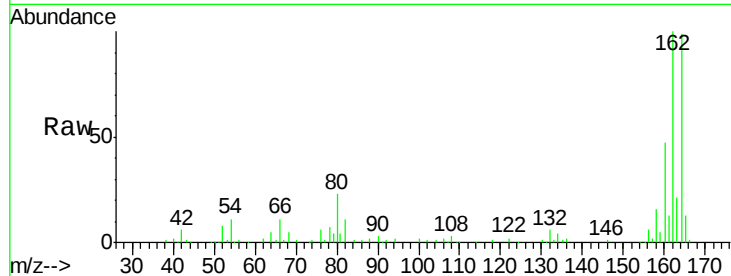
Tot Ion:164 Resp: 196294

Ion Ratio Lower Upper

164 100

162 100.7 82.8 124.2

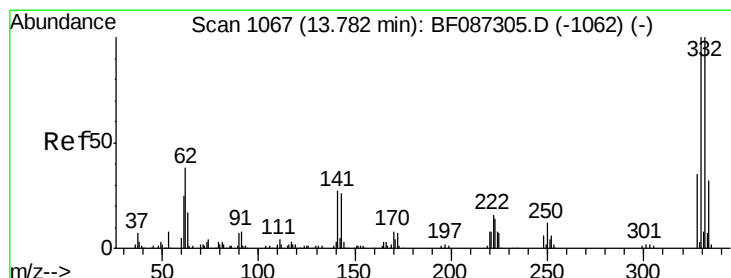
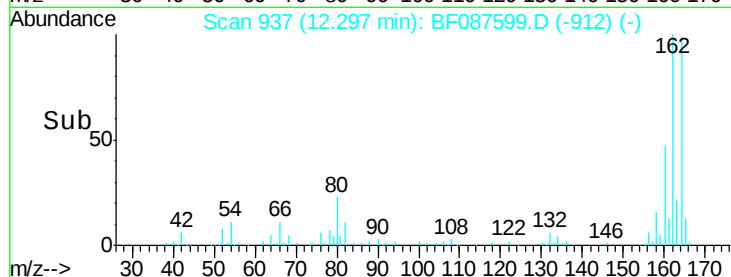
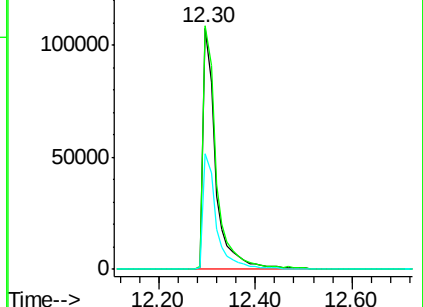
160 47.6 36.9 55.3



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: 171.96 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

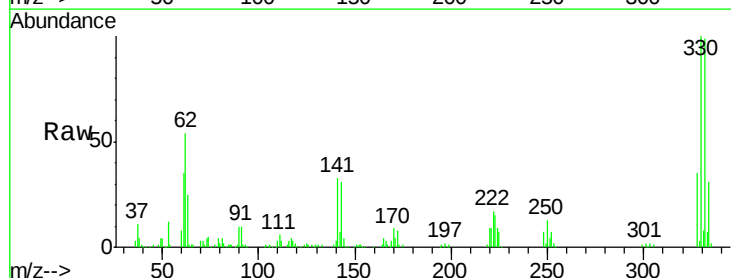
Tgt Ion:330 Resp: 324368

Ion Ratio Lower Upper

330 100

332 97.7 79.0 118.4

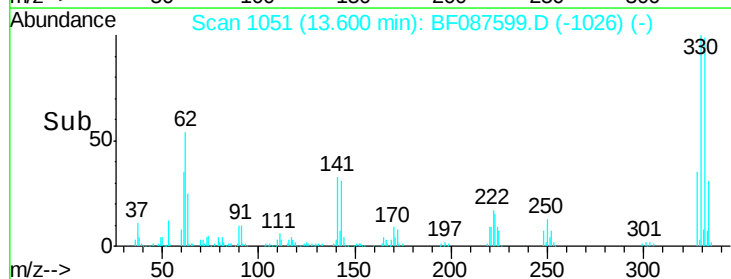
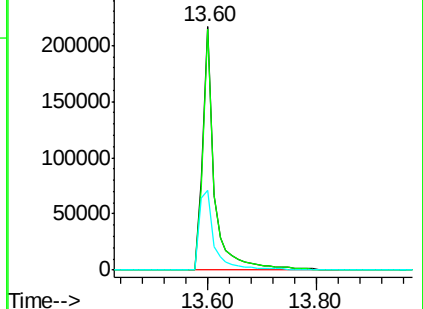
141 42.7 31.2 46.8

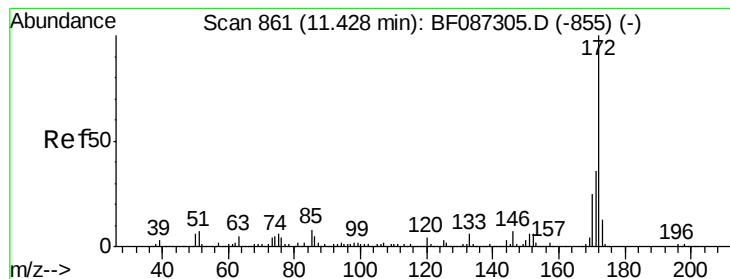


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.44 ng

RT: 11.25 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Instrument :

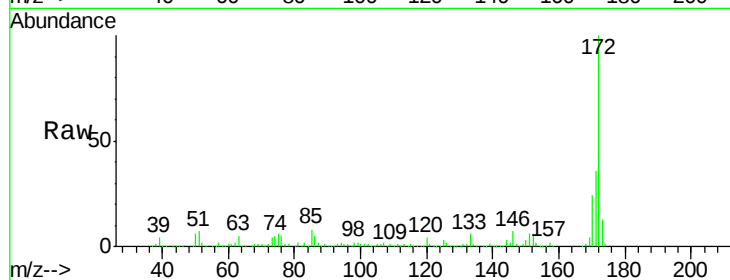
BNA_F

ClientSampleId :

WC-201605B

Tot Ion:172 Resp: 1370657

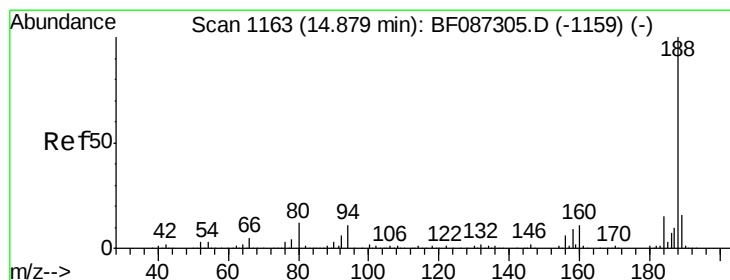
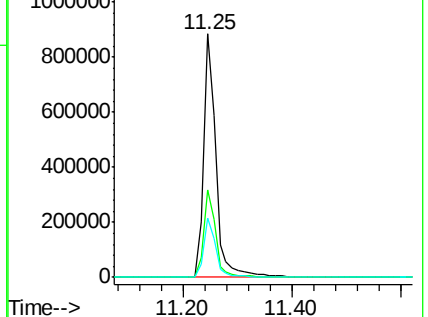
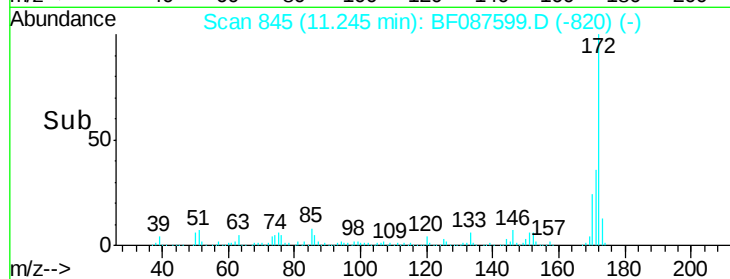
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.8	29.8



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: 14.72 min Scan# 1149

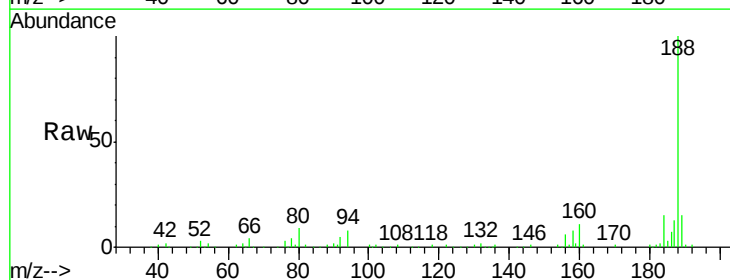
Delta R.T. 0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Tgt Ion:188 Resp: 426909

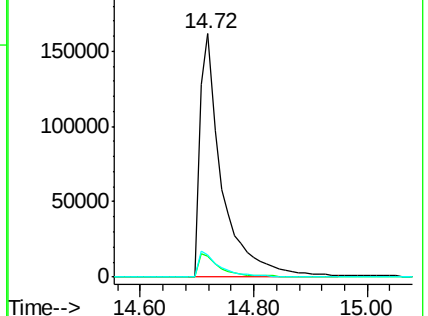
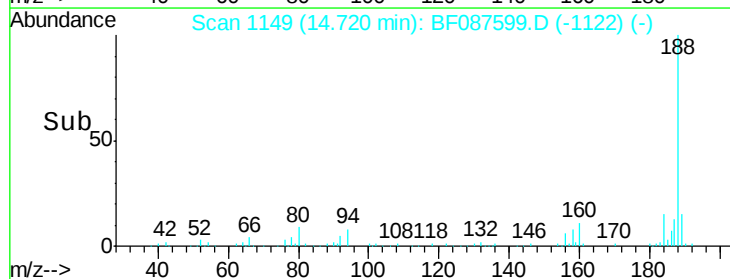
Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.0	7.1	10.7



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. 0.01 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

Instrument :

BNA_F

ClientSampleId :

WC-201605B

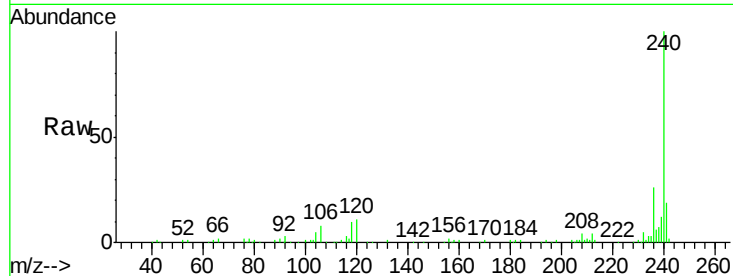
Tot Ion:240 Resp: 337153

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

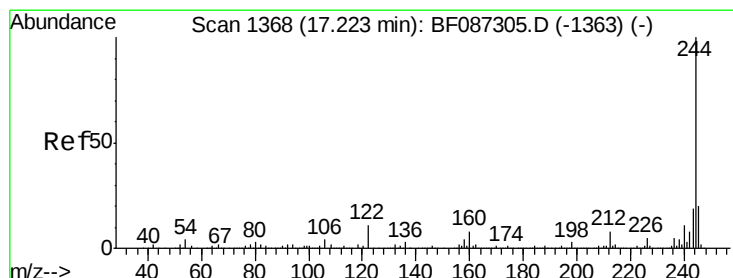
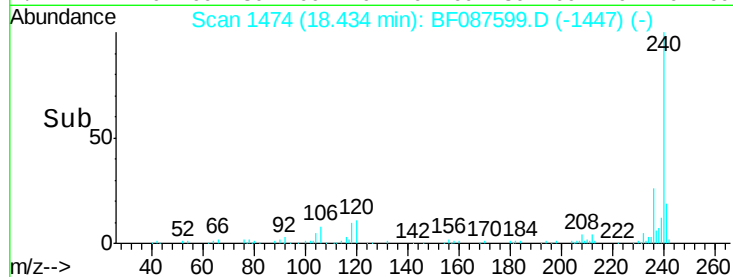
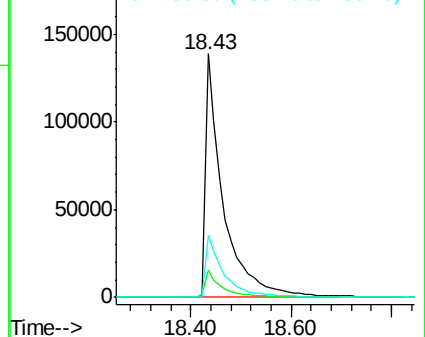
236 25.6 21.2 31.8



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: 91.25 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF087599.D

Acq: 1 Jun 2016 1:26

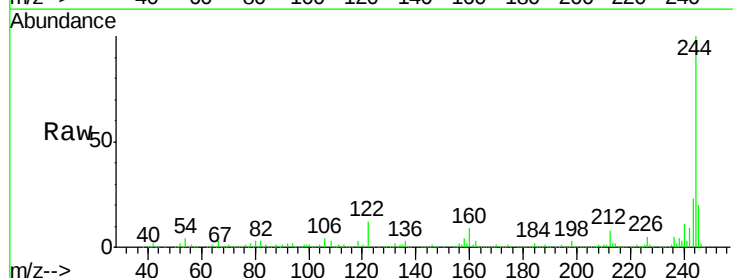
Tgt Ion:244 Resp: 1447056

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

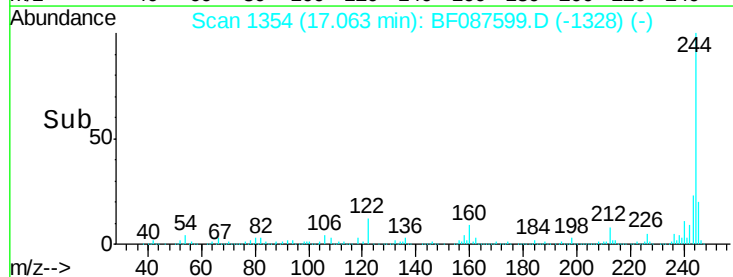
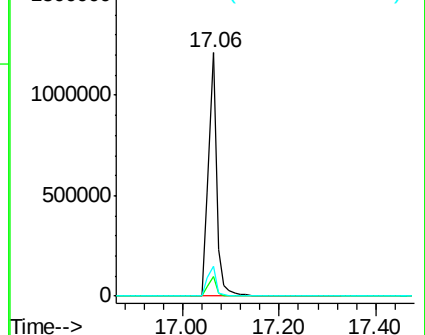
122 12.2 12.0 18.0

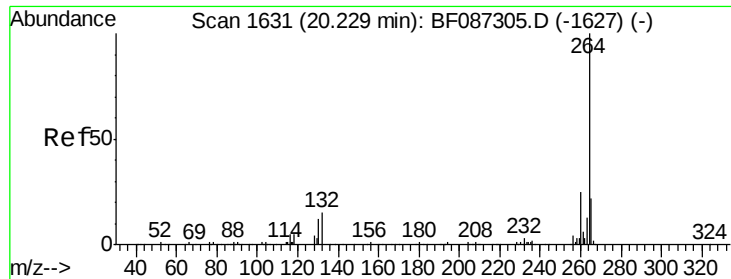


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

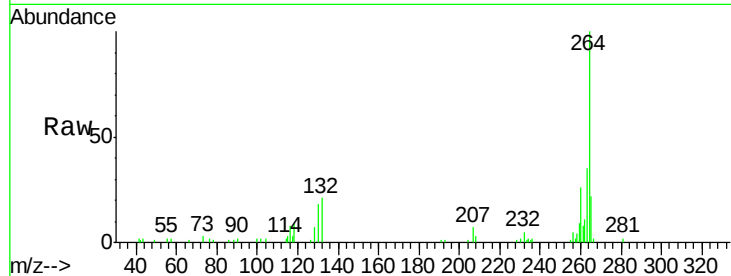




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.02 min
 Lab File: BF087599.D
 Acq: 1 Jun 2016 1:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-201605B

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.5	29.3
265	21.7	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

