

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087969.D
 Acq On : 13 Jun 2016 1:23
 Operator : UM/SJ
 Sample : H3473-11
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1100-(0-4)

Quant Time: Jun 13 06:50:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

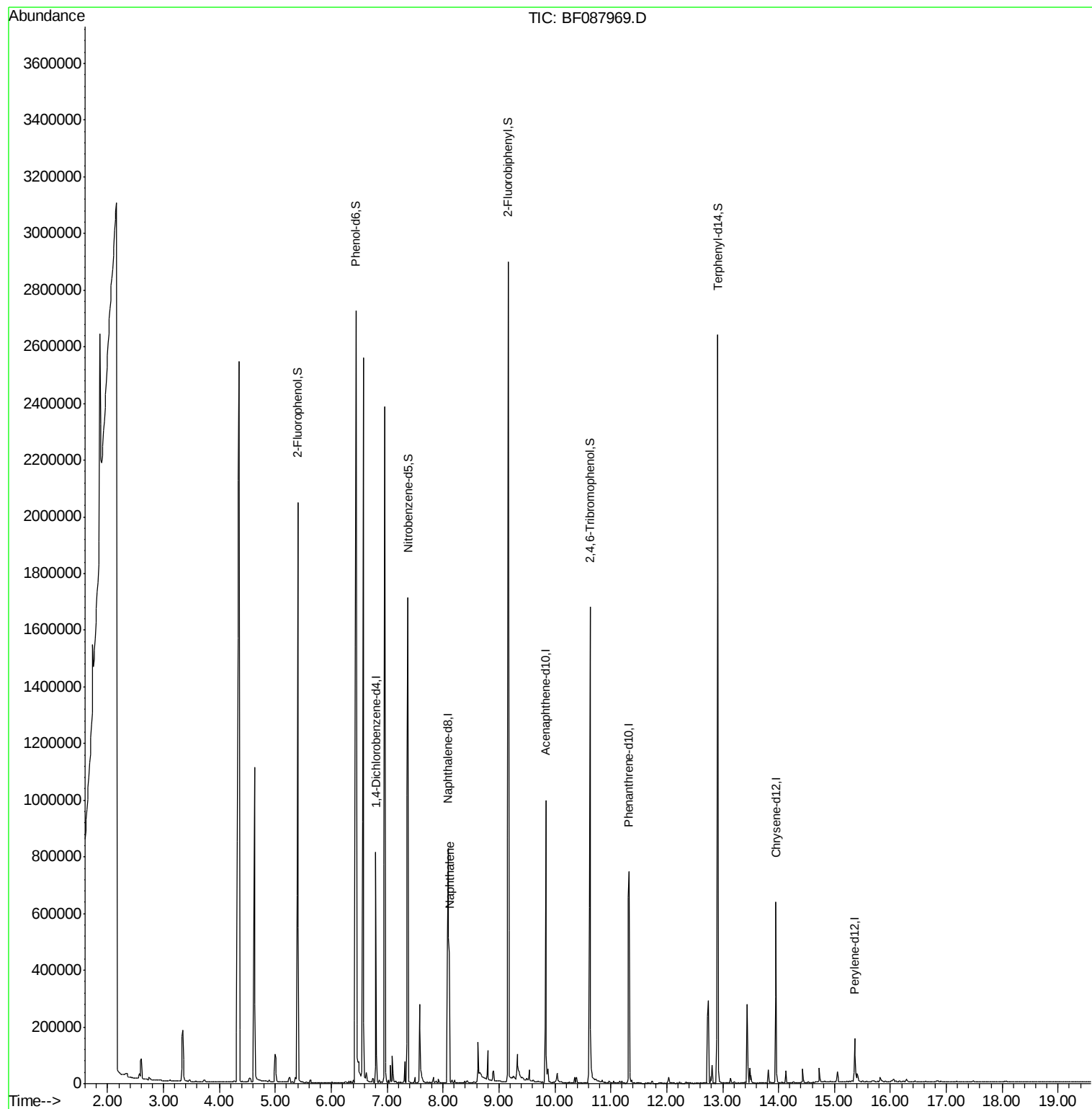
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	114873	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	478522	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	183257	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	395528	20.00	ng	0.00
75) Chrysene-d12	13.95	240	240925	20.00	ng	-0.01
86) Perylene-d12	15.36	264	55222	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	705624	105.01	ng	0.02
7) Phenol-d6	6.44	99	734416	90.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	693658	84.65	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	227132	117.38	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1081654	93.26	ng	-0.01
78) Terphenyl-d14	12.91	244	1035928	97.84	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	351490	14.84	ng	Qvalue 97

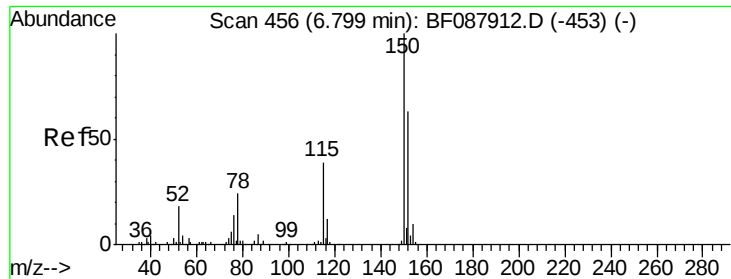
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

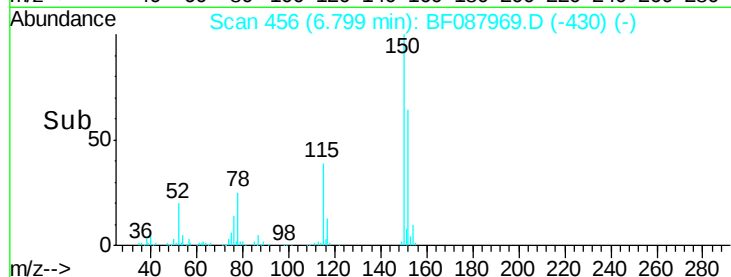
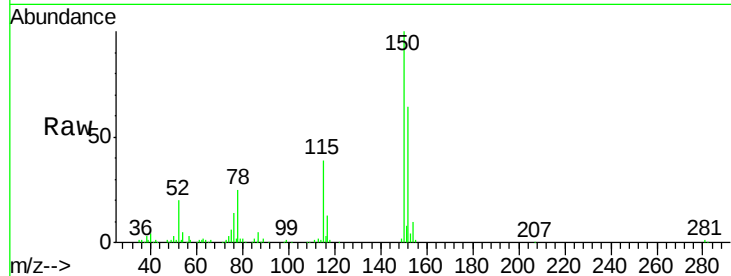
Tot Ion:152 Resp: 114873

Ion Ratio Lower Upper

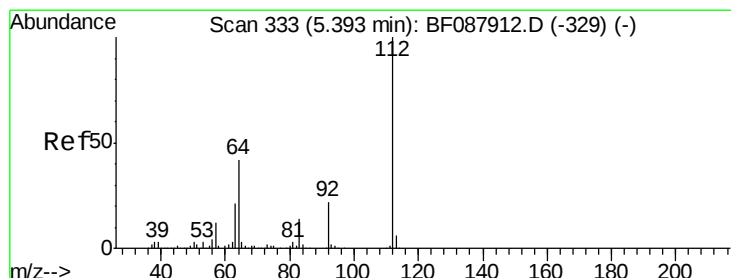
152 100

150 155.9 123.8 185.6

115 61.0 39.6 59.4#



Time-->



#5

2-Fluorophenol

Concen: 105.01 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.02 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

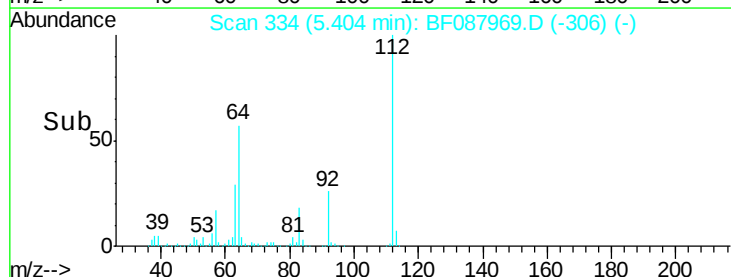
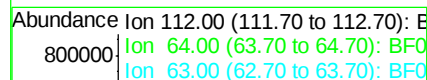
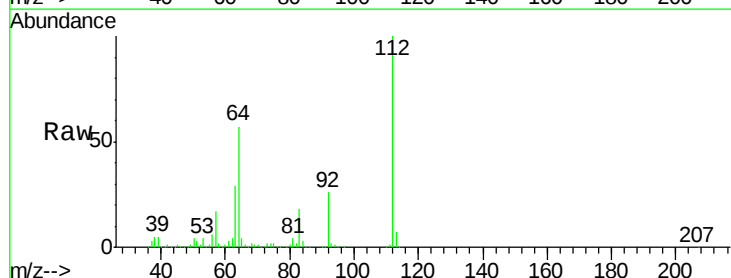
Tgt Ion:112 Resp: 705624

Ion Ratio Lower Upper

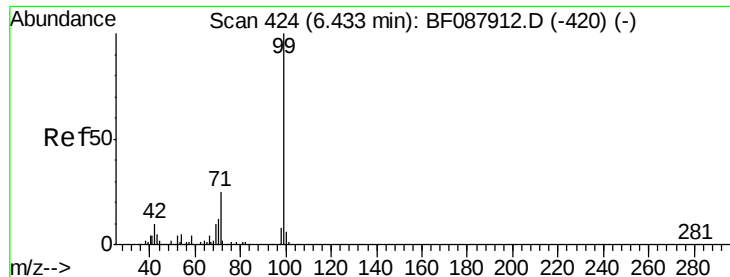
112 100

64 57.1 42.2 63.2

63 29.5 21.8 32.8



Time-->



#7

Phenol-d6

Concen: 90.18 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

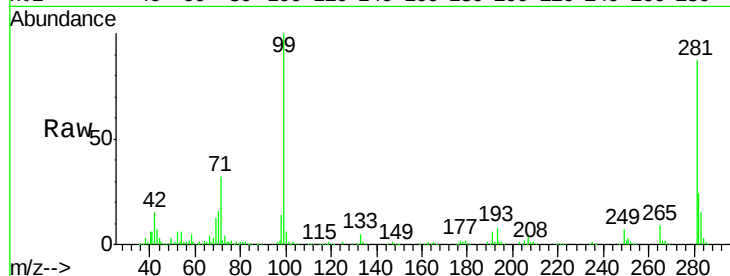
Tot Ion: 99 Resp: 734416

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.2

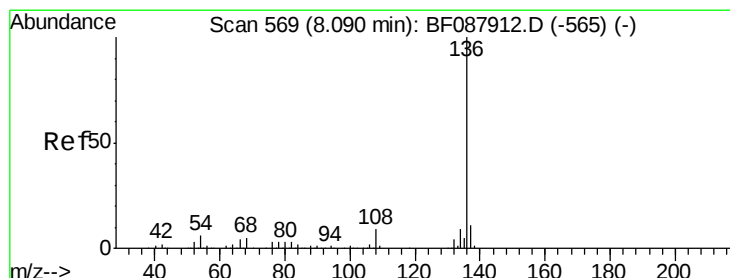
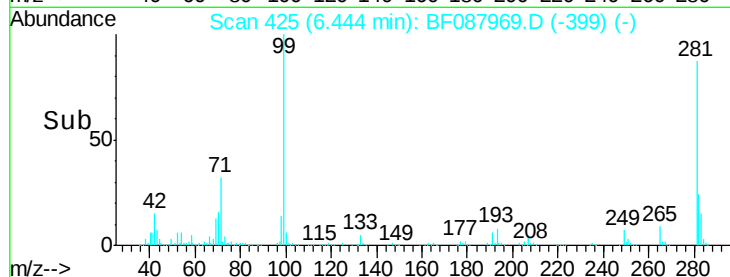
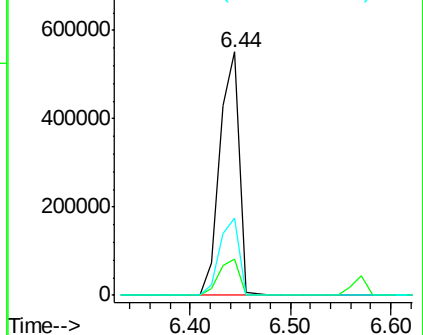
71 32.0 23.4 35.0



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: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

Tgt Ion: 136 Resp: 478522

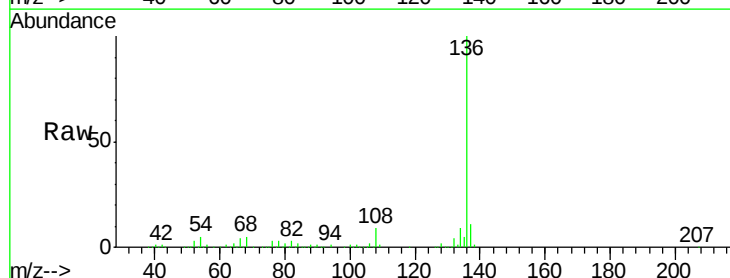
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

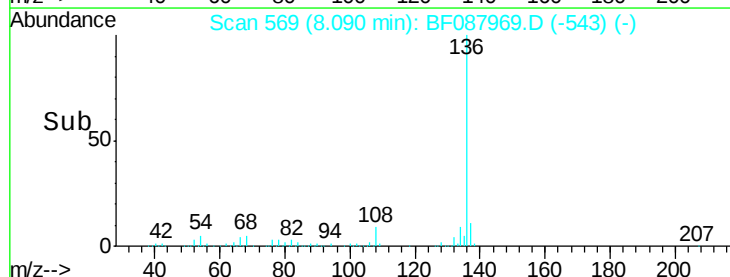
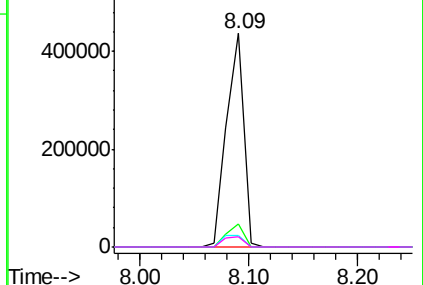


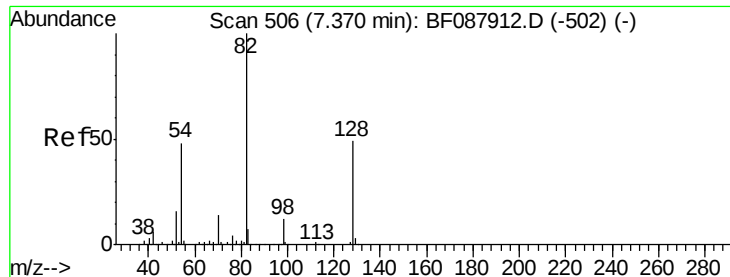
Abundance Ion 136.00 (135.70 to 136.70): E

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

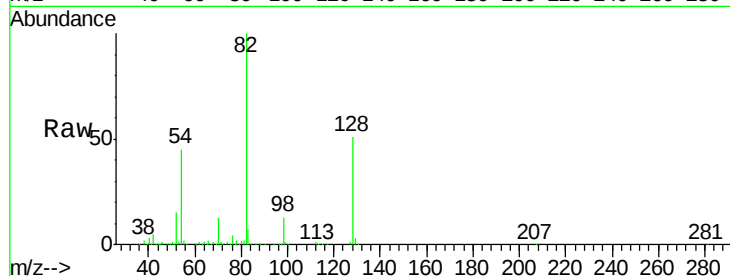




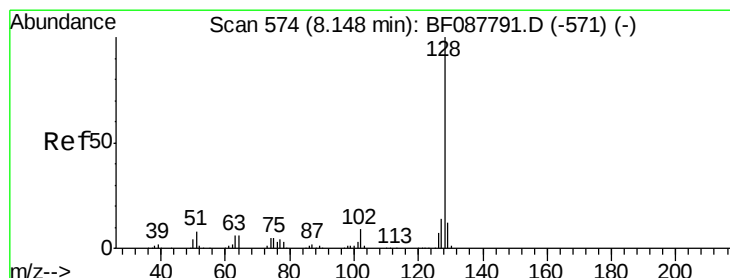
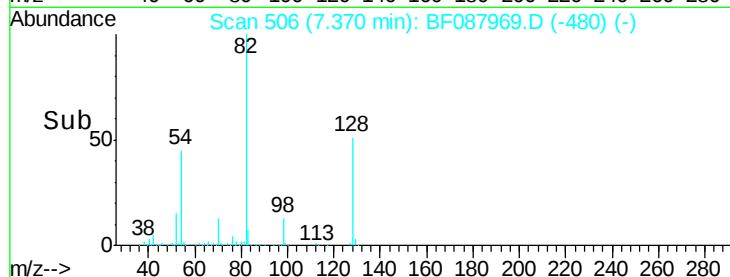
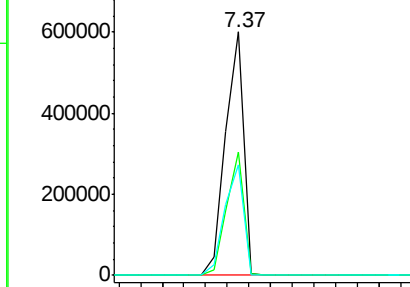
#23
Nitrobenzene-d5
Concen: 84.65 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF087969.D
Acq: 13 Jun 2016 1:23

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tot Ion	82	Resp	693658
Ion Ratio	Lower	Upper	
82	100		
128	50.6	35.9	53.9
54	45.4	40.9	61.3

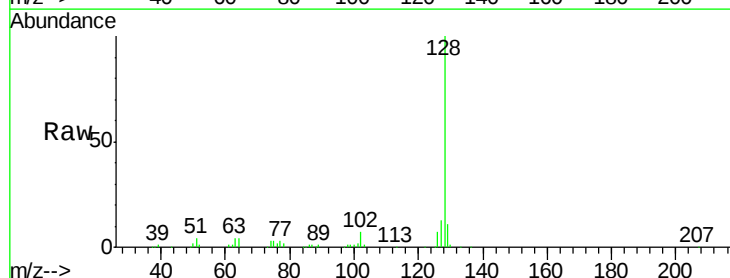


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

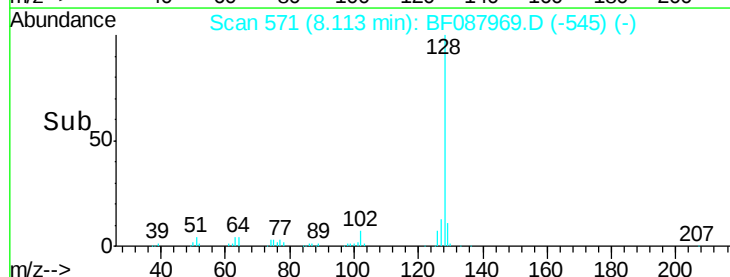
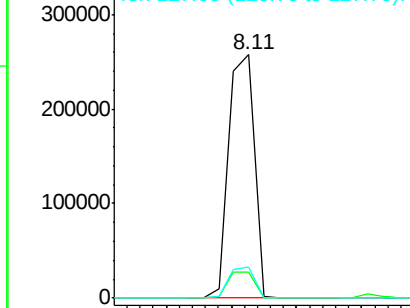


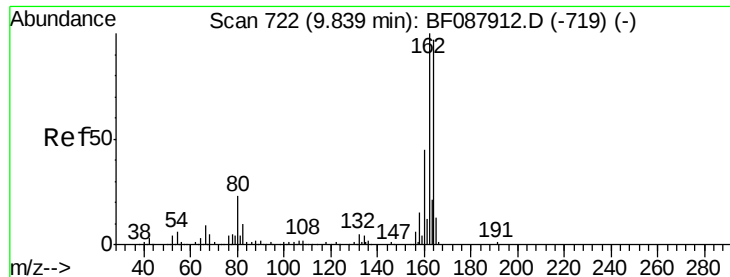
#31
Naphthalene
Concen: 14.84 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF087969.D
Acq: 13 Jun 2016 1:23

Tgt Ion	128	Resp	351490
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.4	14.2
127	12.8	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

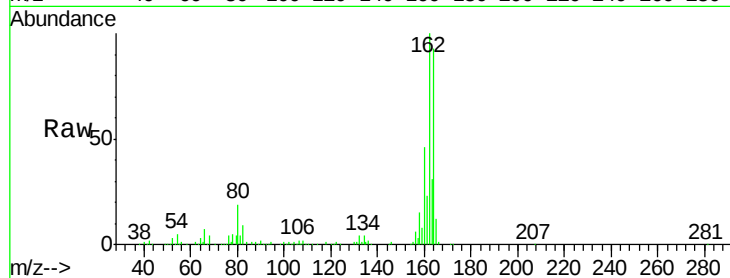




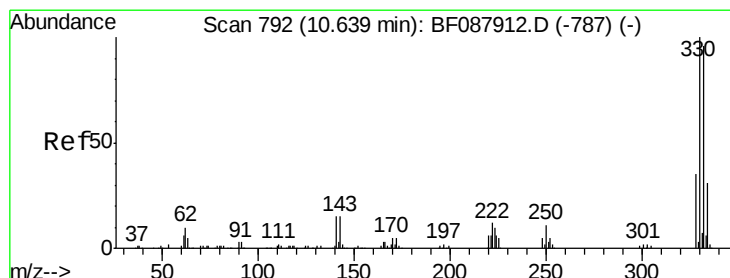
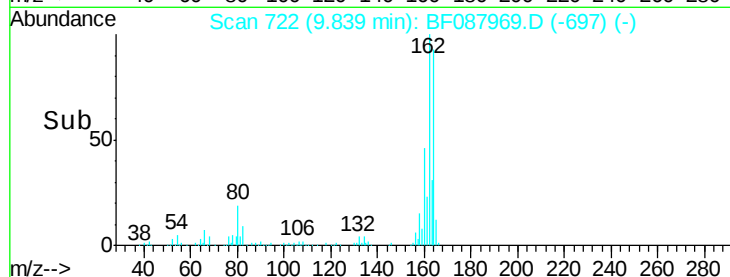
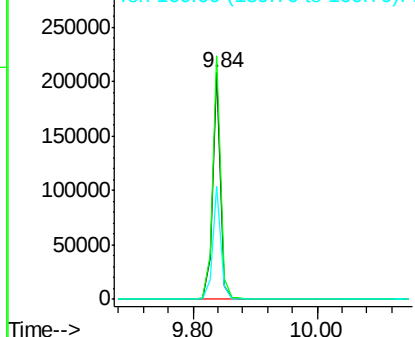
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF087969.D
 Acq: 13 Jun 2016 1:23

Instrument :
 BNA_F
 ClientSampleId :
 STA-1100-(0-4)

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.4	128.2
160	49.6	39.5	59.3

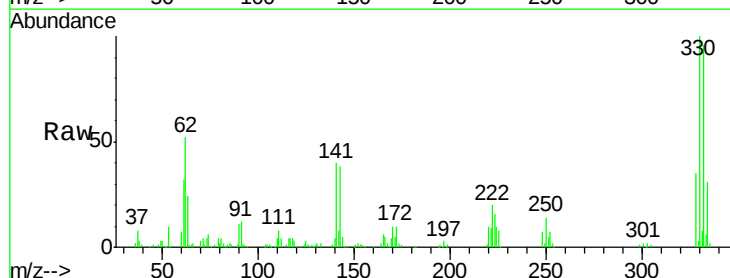


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

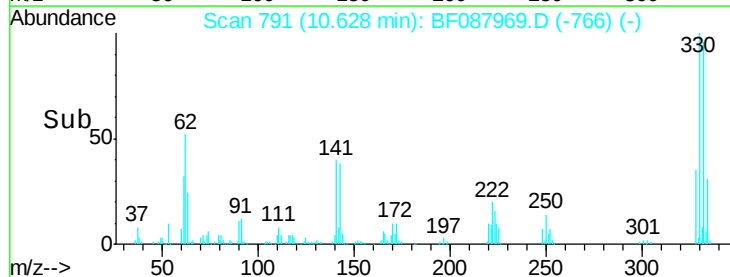
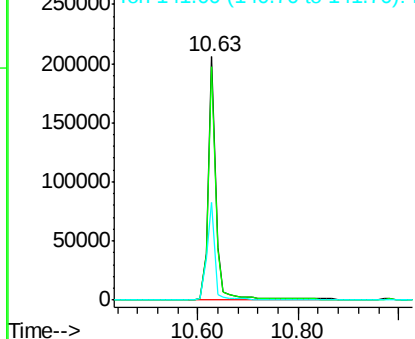


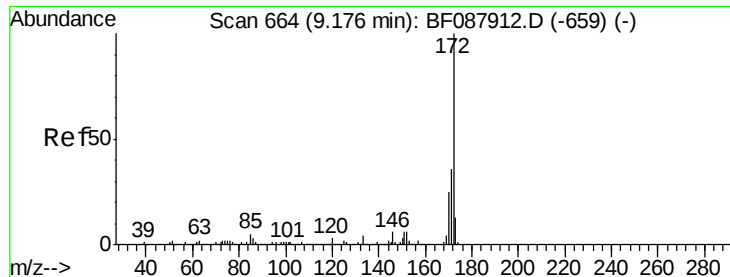
#41
 2,4,6-Tribromophenol
 Concen: 117.38 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF087969.D
 Acq: 13 Jun 2016 1:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	42.0	0.0	0.0#



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: 93.26 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

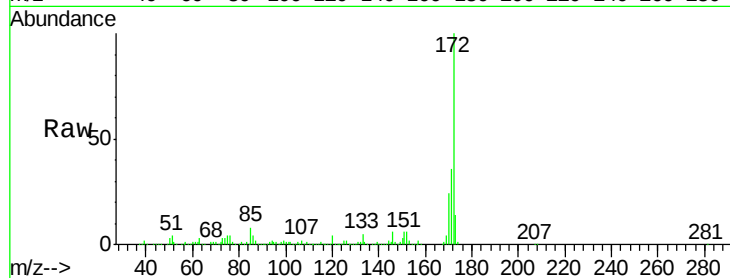
Tot Ion:172 Resp: 1081654

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

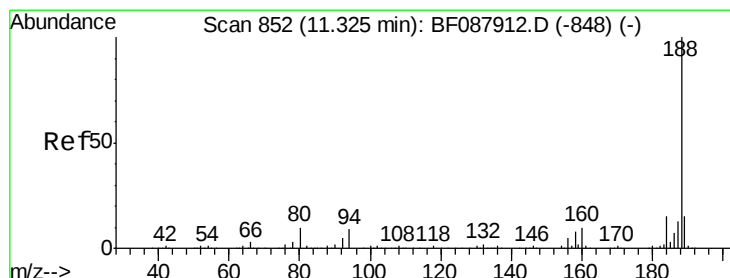
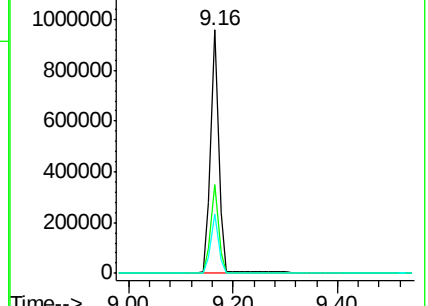
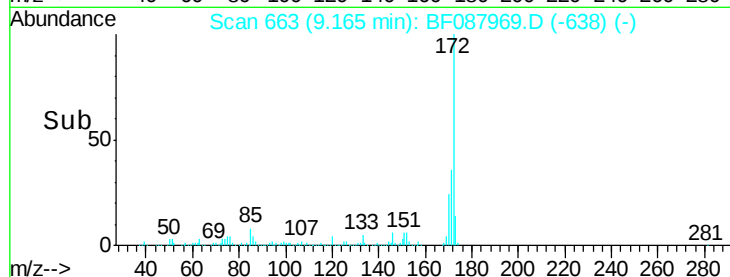
170 24.3 19.2 28.8



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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

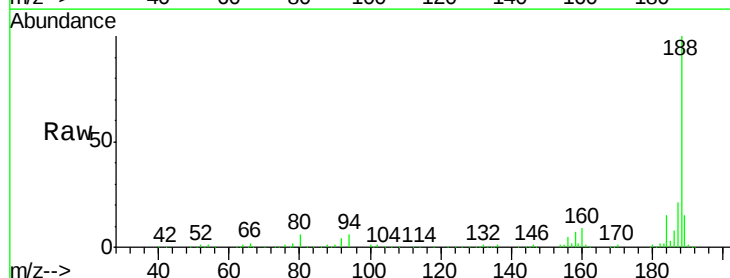
Tgt Ion:188 Resp: 395528

Ion Ratio Lower Upper

188 100

94 6.4 9.0 13.6#

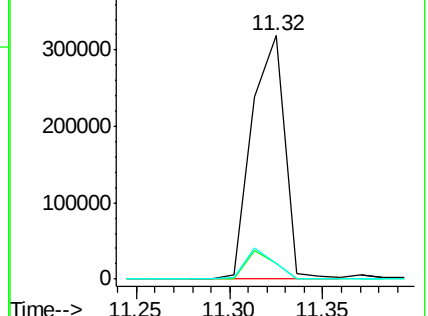
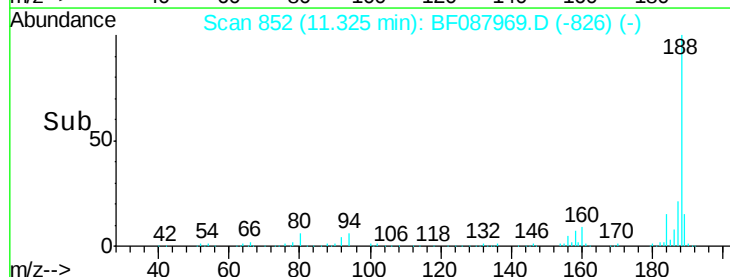
80 6.3 10.0 15.0#

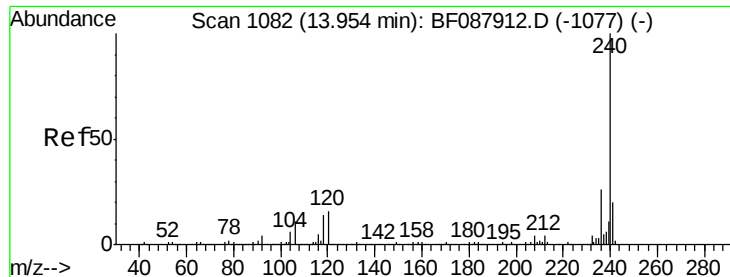


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

Instrument :

BNA_F

ClientSampleId :

STA-1100-(0-4)

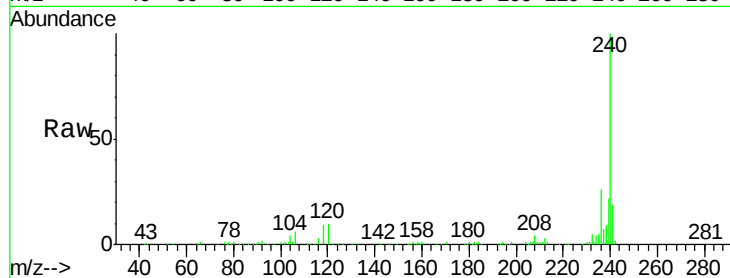
Tot Ion:240 Resp: 240925

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

236 25.7 20.2 30.2



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

300000

250000

200000

150000

100000

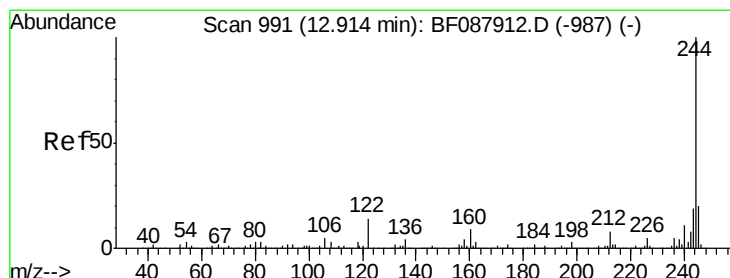
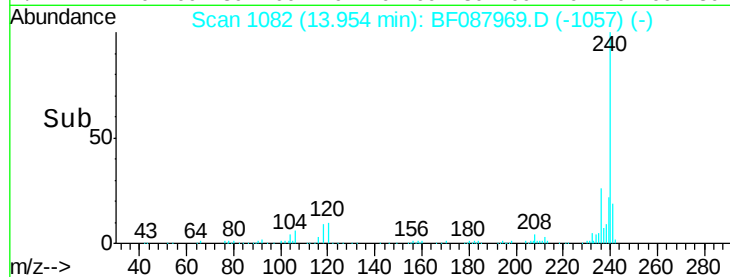
50000

0

13.95

13.90 14.00 14.10

Time-->



#78

Terphenyl-d14

Concen: 97.84 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF087969.D

Acq: 13 Jun 2016 1:23

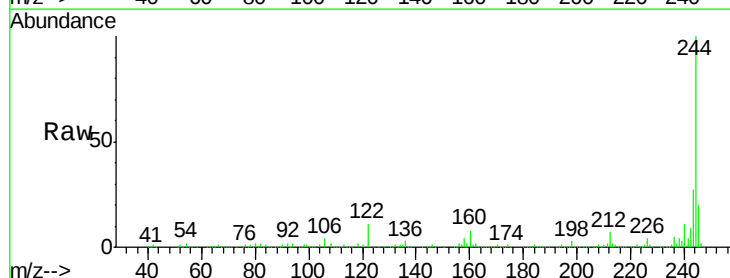
Tgt Ion:244 Resp: 1035928

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.1 11.2 16.8#



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

1200000

1000000

800000

600000

400000

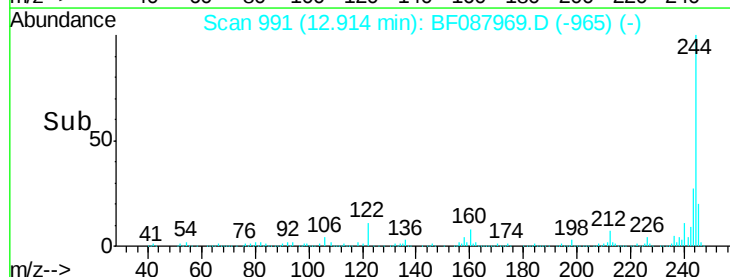
200000

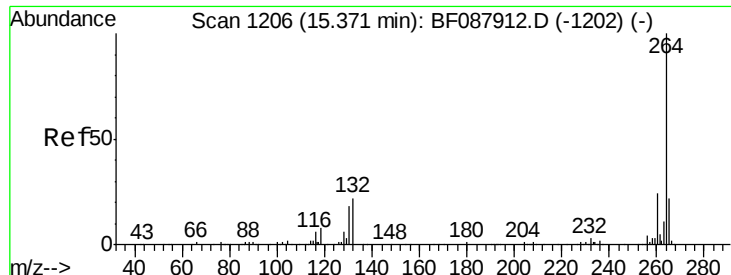
0

12.91

12.80 13.00 13.20

Time-->

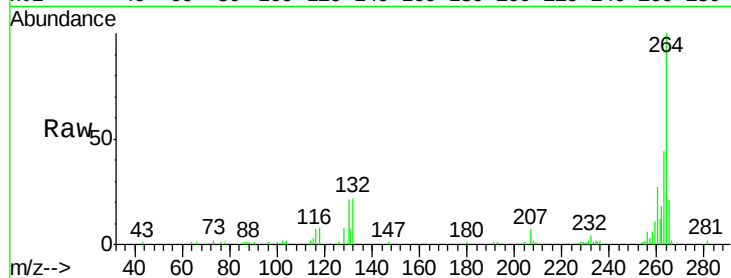




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF087969.D
Acq: 13 Jun 2016 1:23

Instrument :
BNA_F
ClientSampleId :
STA-1100-(0-4)

Tot Ion:264 Resp: 55222
Ion Ratio Lower Upper
264 100
260 26.5 19.2 28.8
265 20.9 16.9 25.3



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

