

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088371.D
 Acq On : 25 Jun 2016 12:24
 Operator : UM/SJ
 Sample : H3602-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B5(0-16)C

Quant Time: Jun 26 02:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

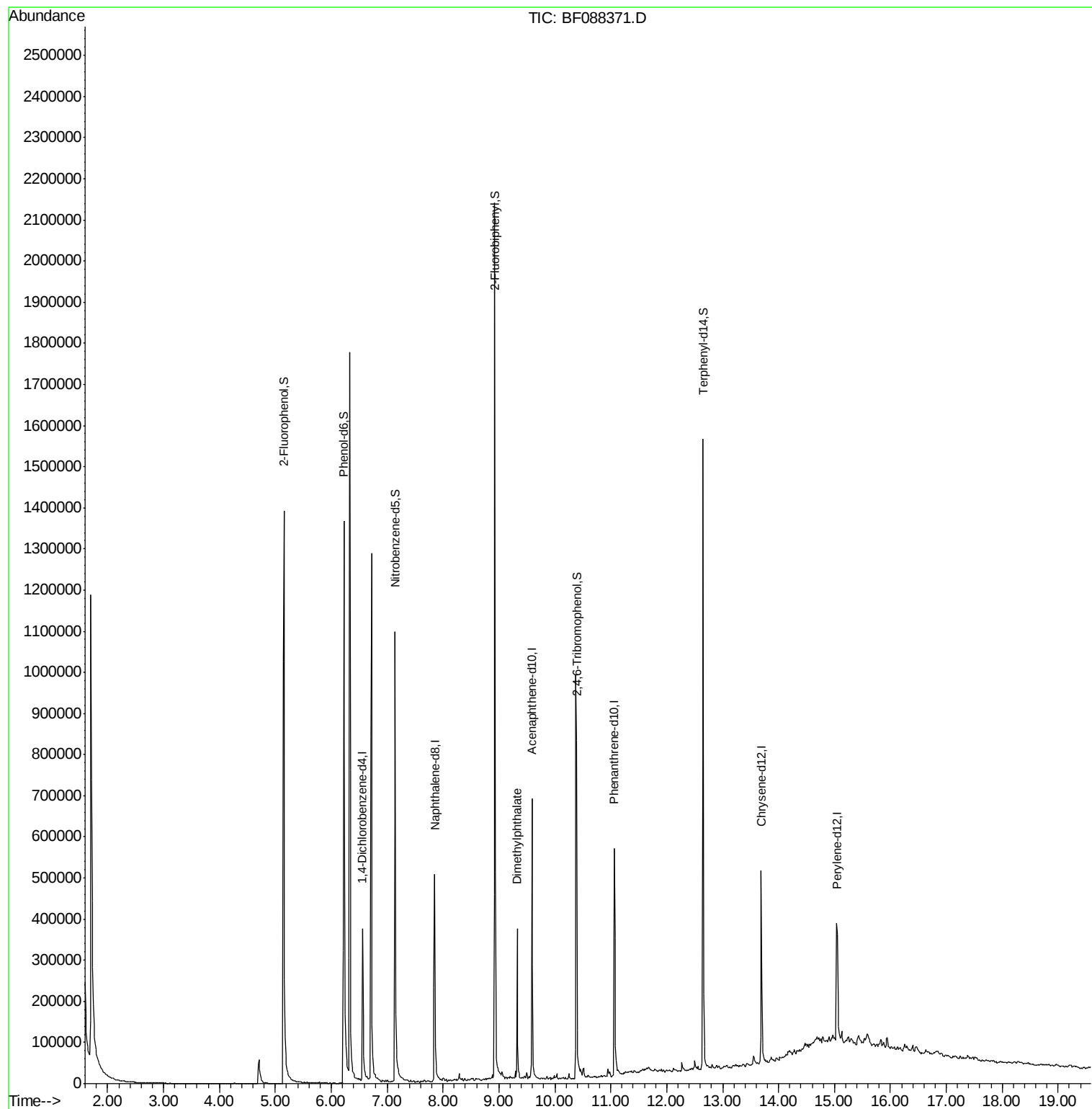
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	84991	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	343166	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	159196	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	292484	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	183312	20.00	ng	-0.06
86) Perylene-d12	15.05	264	167529	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	684165	137.62	ng	-0.02
7) Phenol-d6	6.23	99	839755	139.38	ng	-0.03
23) Nitrobenzene-d5	7.14	82	549888	93.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	202299	120.35	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	803620	78.90	ng	-0.05
78) Terphenyl-d14	12.65	244	586771	72.84	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	161417	14.00	ng	99

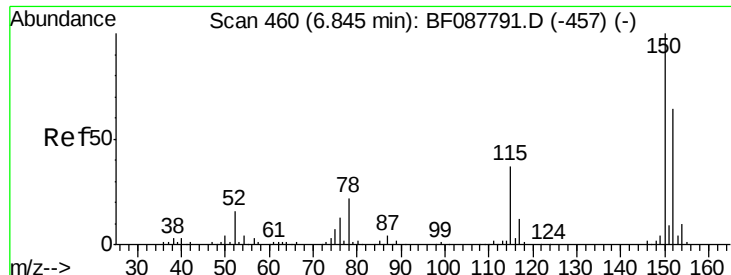
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

Instrument :

BNA_F

ClientSampleId :

P8-B5(0-16)C

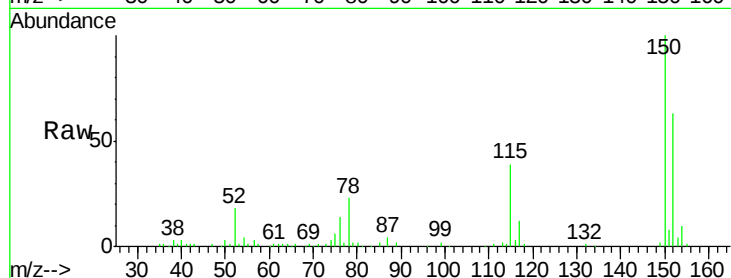
Tot Ion:152 Resp: 84991

Ion Ratio Lower Upper

152 100

150 159.1 123.8 185.6

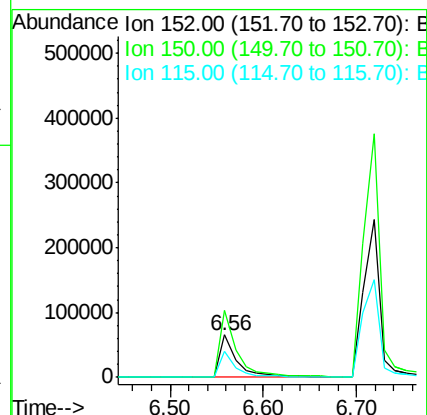
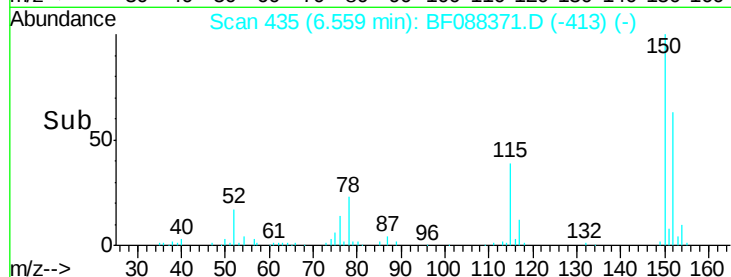
115 61.4 39.6 59.4#



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: 137.62 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

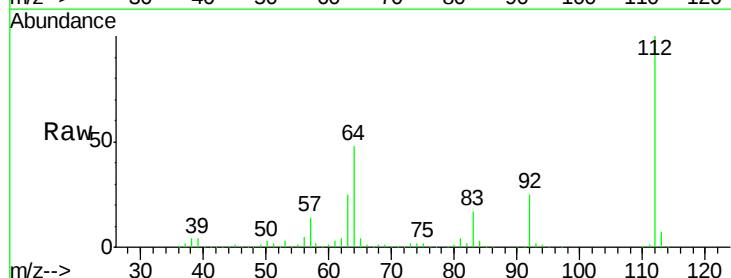
Tgt Ion:112 Resp: 684165

Ion Ratio Lower Upper

112 100

64 47.6 42.2 63.2

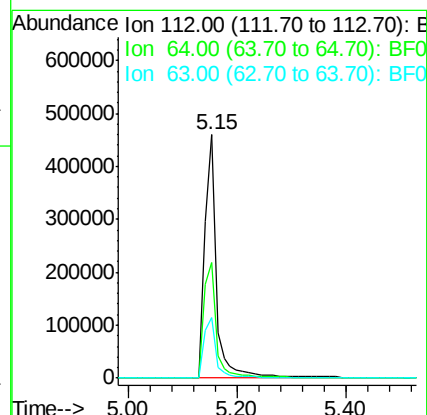
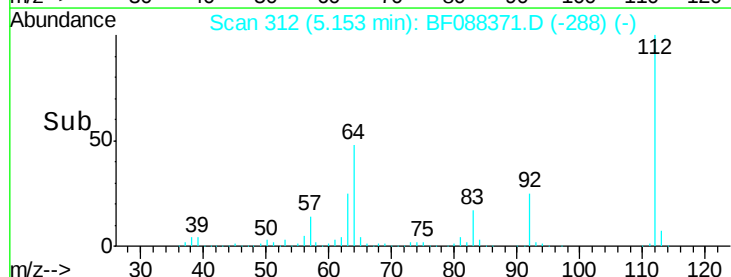
63 24.8 21.8 32.8



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: 139.38 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

Instrument :

BNA_F

ClientSampleId :

P8-B5(0-16)C

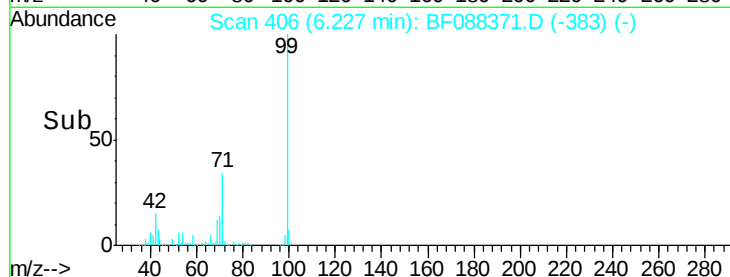
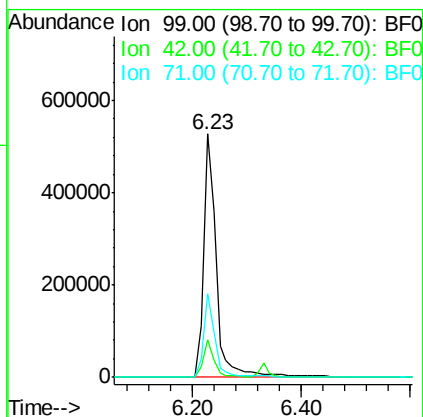
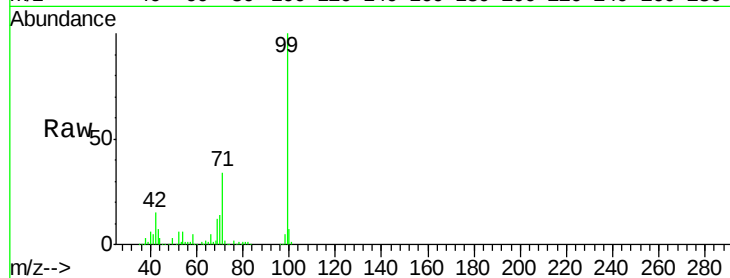
Tot Ion: 99 Resp: 839755

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 34.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

Tgt Ion: 136 Resp: 343166

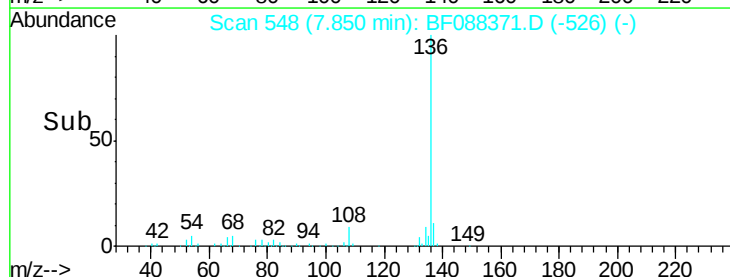
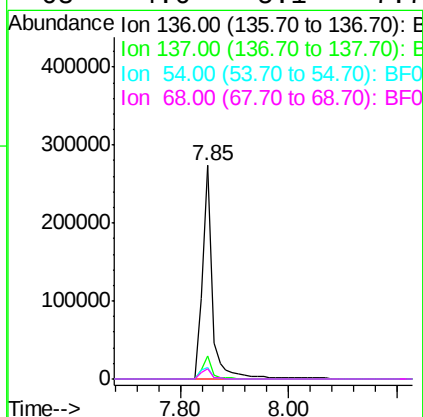
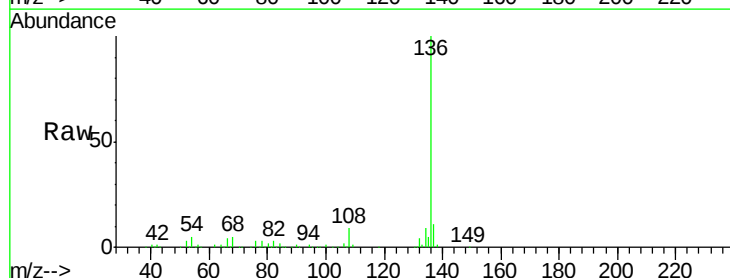
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.3 6.6 10.0#

68 4.6 5.1 7.7#

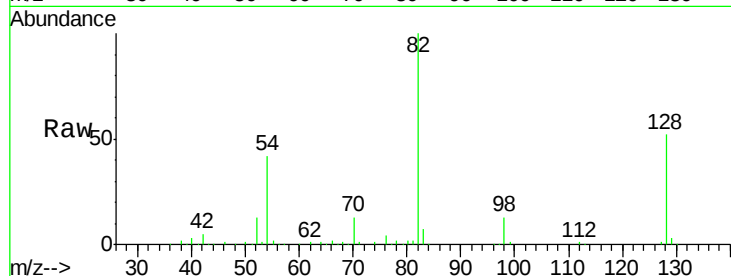




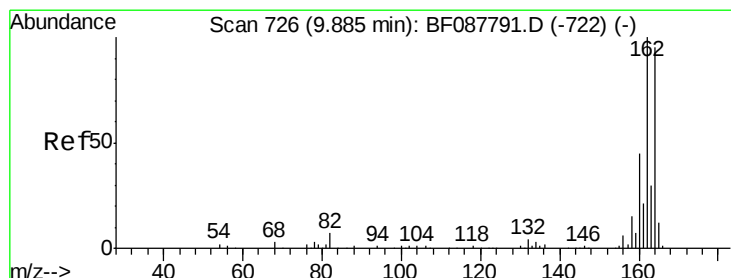
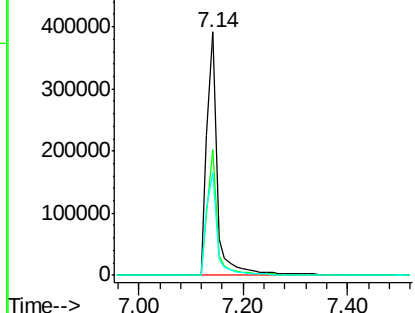
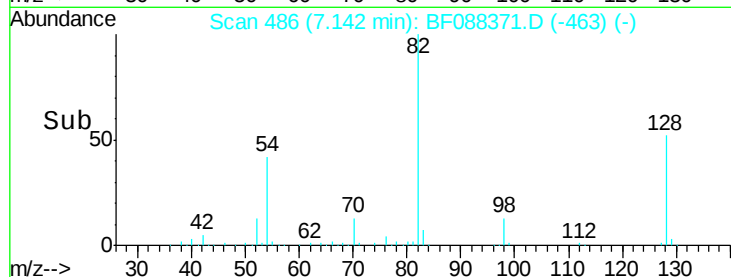
#23
 Nitrobenzene-d5
 Concen: 93.57 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF088371.D
 Acq: 25 Jun 2016 12:24

Instrument :
 BNA_F
 ClientSampleId :
 P8-B5(0-16)C

Tot Ion: 82 Resp: 549888
 Ion Ratio Lower Upper
 82 100
 128 51.6 35.9 53.9
 54 42.0 40.9 61.3

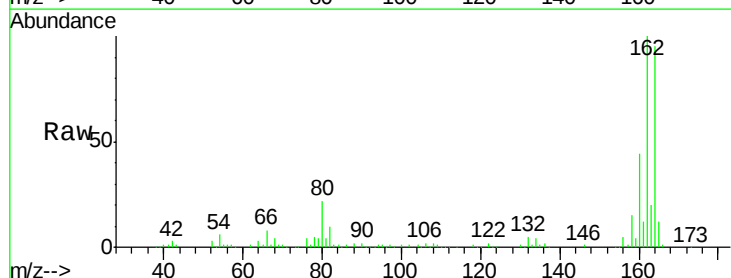


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

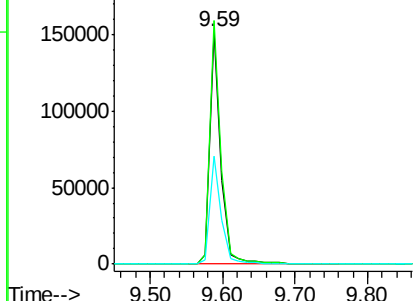
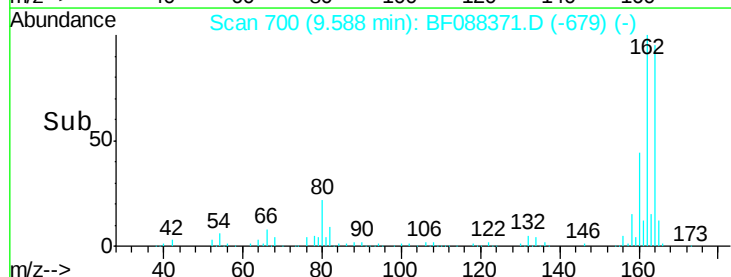


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.06 min
 Lab File: BF088371.D
 Acq: 25 Jun 2016 12:24

Tgt Ion:164 Resp: 159196
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 46.5 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

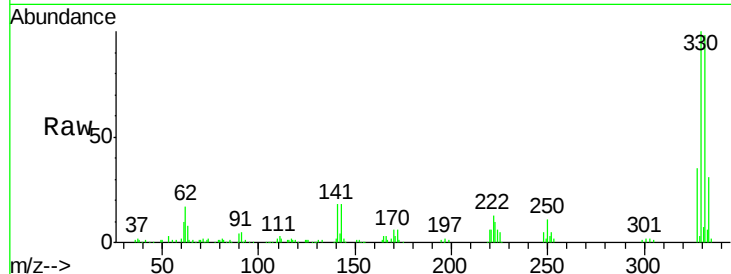




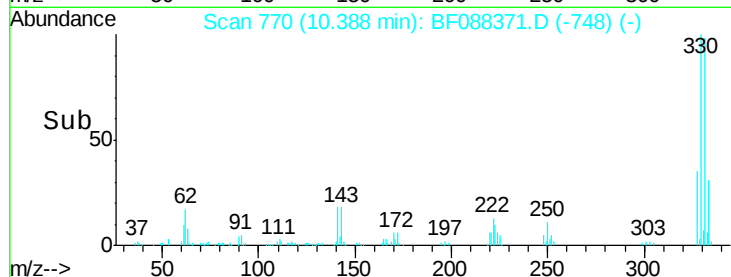
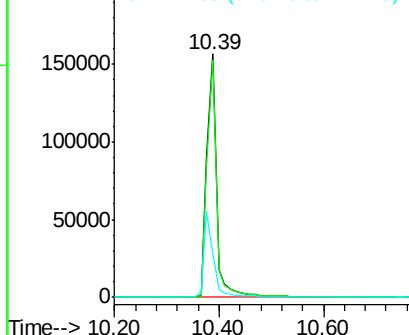
#41
 2,4,6-Tribromophenol
 Concen: 120.35 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088371.D
 Acq: 25 Jun 2016 12:24

Instrument :
 BNA_F
 ClientSampleId :
 P8-B5(0-16)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	35.2	0.0	0.0#

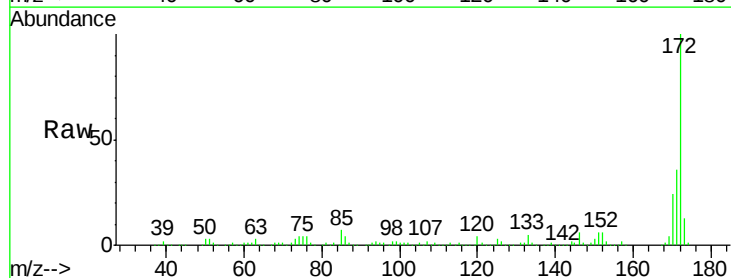


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

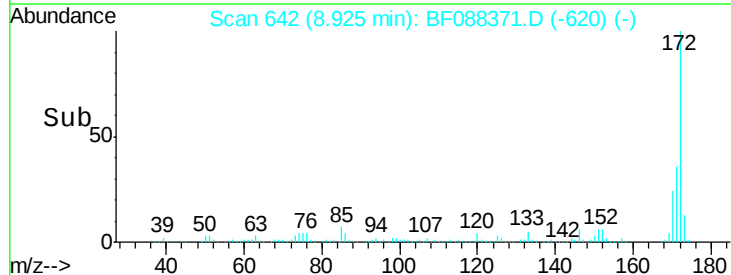
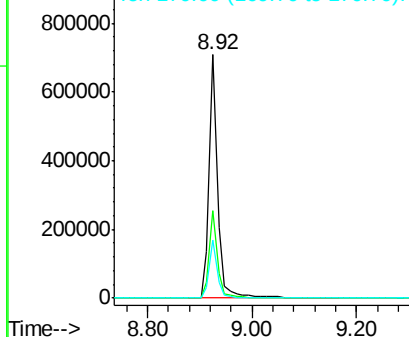


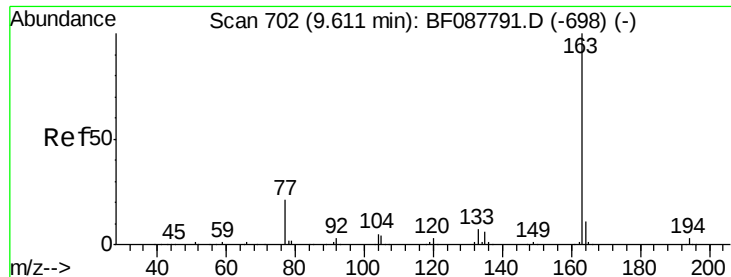
#44
 2-Fluorobiphenyl
 Concen: 78.90 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088371.D
 Acq: 25 Jun 2016 12:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	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





#49

Dimethylphthalate

Concen: 14.00 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

Instrument :

BNA_F

ClientSampleId :

P8-B5(0-16)C

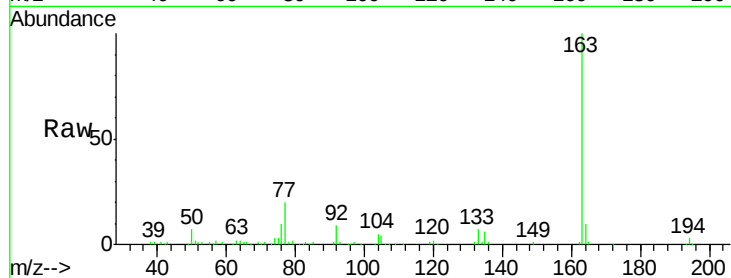
Tot Ion:163 Resp: 161417

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

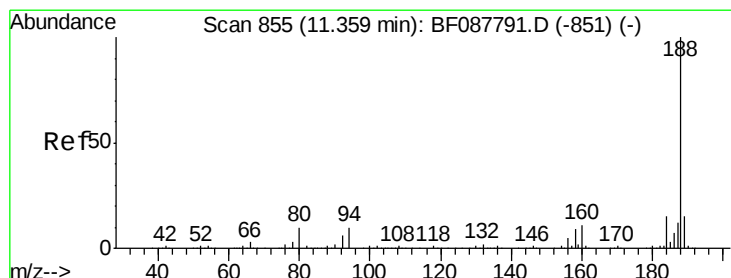
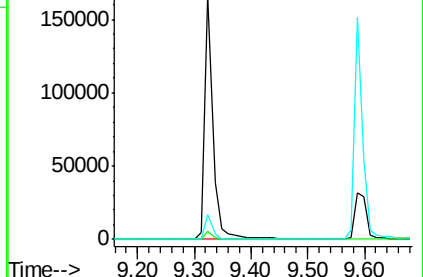
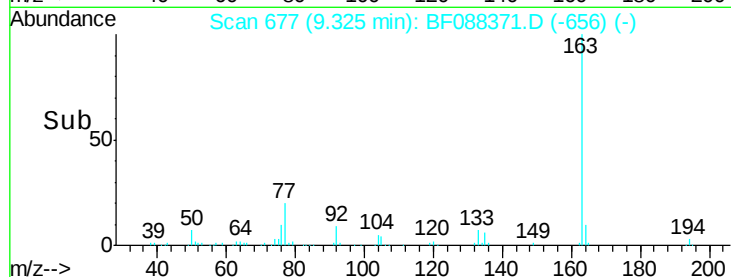
164 9.9 8.3 12.5



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: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

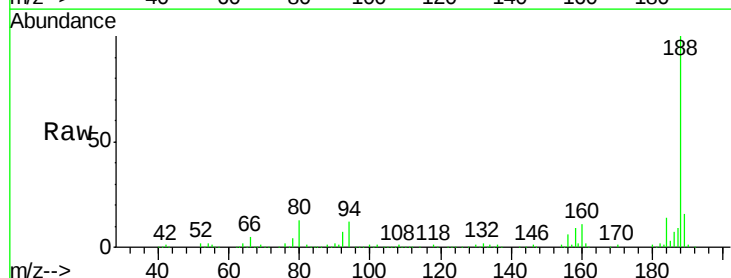
Tgt Ion:188 Resp: 292484

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

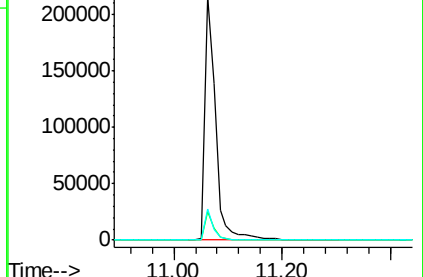
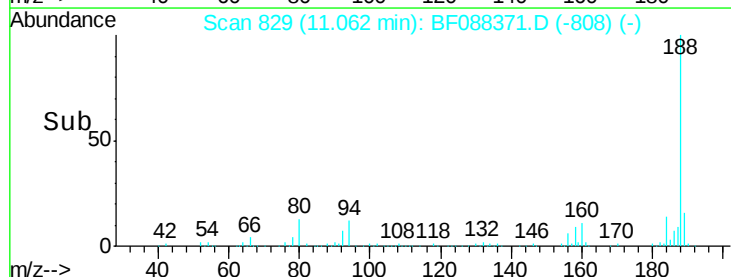
80 12.8 10.0 15.0



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

Instrument :

BNA_F

ClientSampleId :

P8-B5(0-16)C

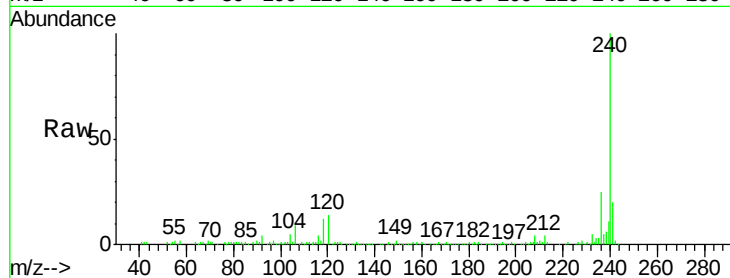
Tot Ion:240 Resp: 183312

Ion Ratio Lower Upper

240 100

120 13.7 6.8 10.2#

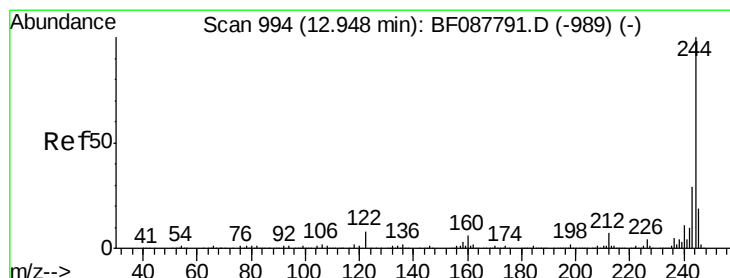
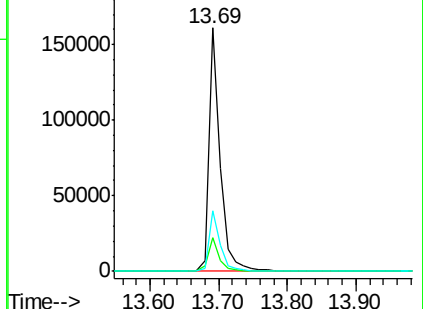
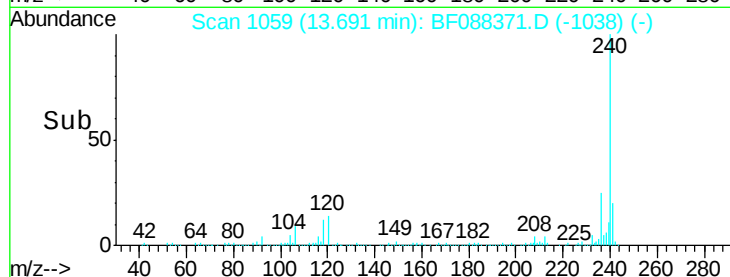
236 25.1 20.2 30.2



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



#78

Terphenyl-d14

Concen: 72.84 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.05 min

Lab File: BF088371.D

Acq: 25 Jun 2016 12:24

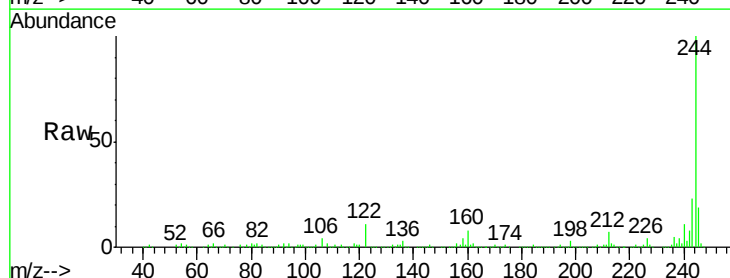
Tgt Ion:244 Resp: 586771

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

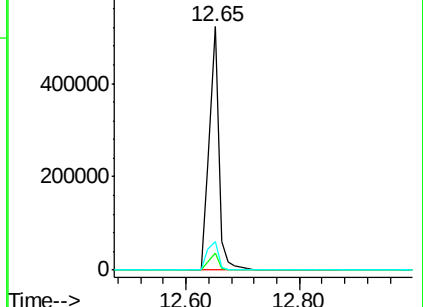
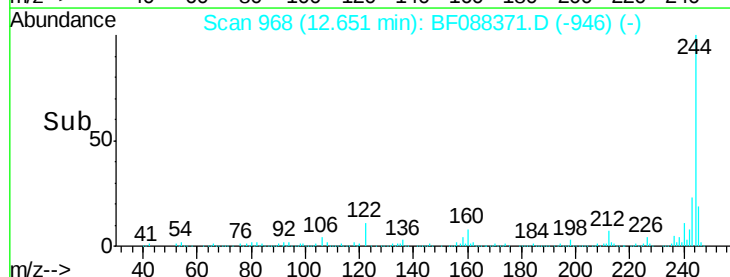
122 11.5 11.2 16.8

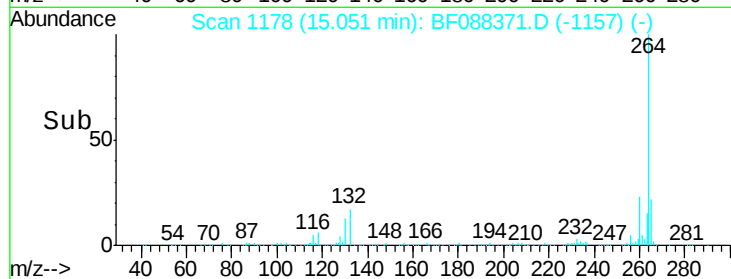
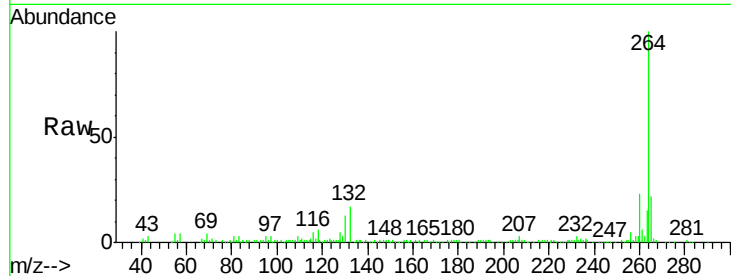
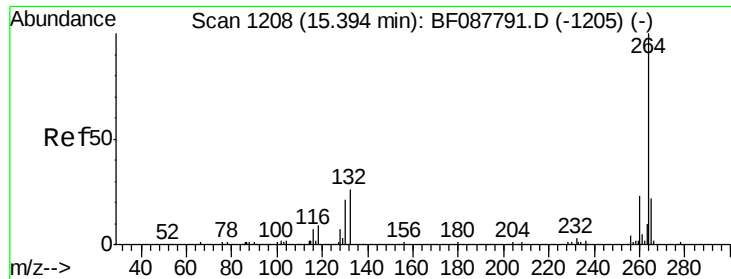


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088371.D
Acq: 25 Jun 2016 12:24

Instrument :
BNA_F
ClientSampleId :
P8-B5(0-16)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

