

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088148.D
 Acq On : 18 Jun 2016 21:59
 Operator : UM/SJ
 Sample : H3580-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P8-B6(8-16)C

Quant Time: Jun 20 05:54:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

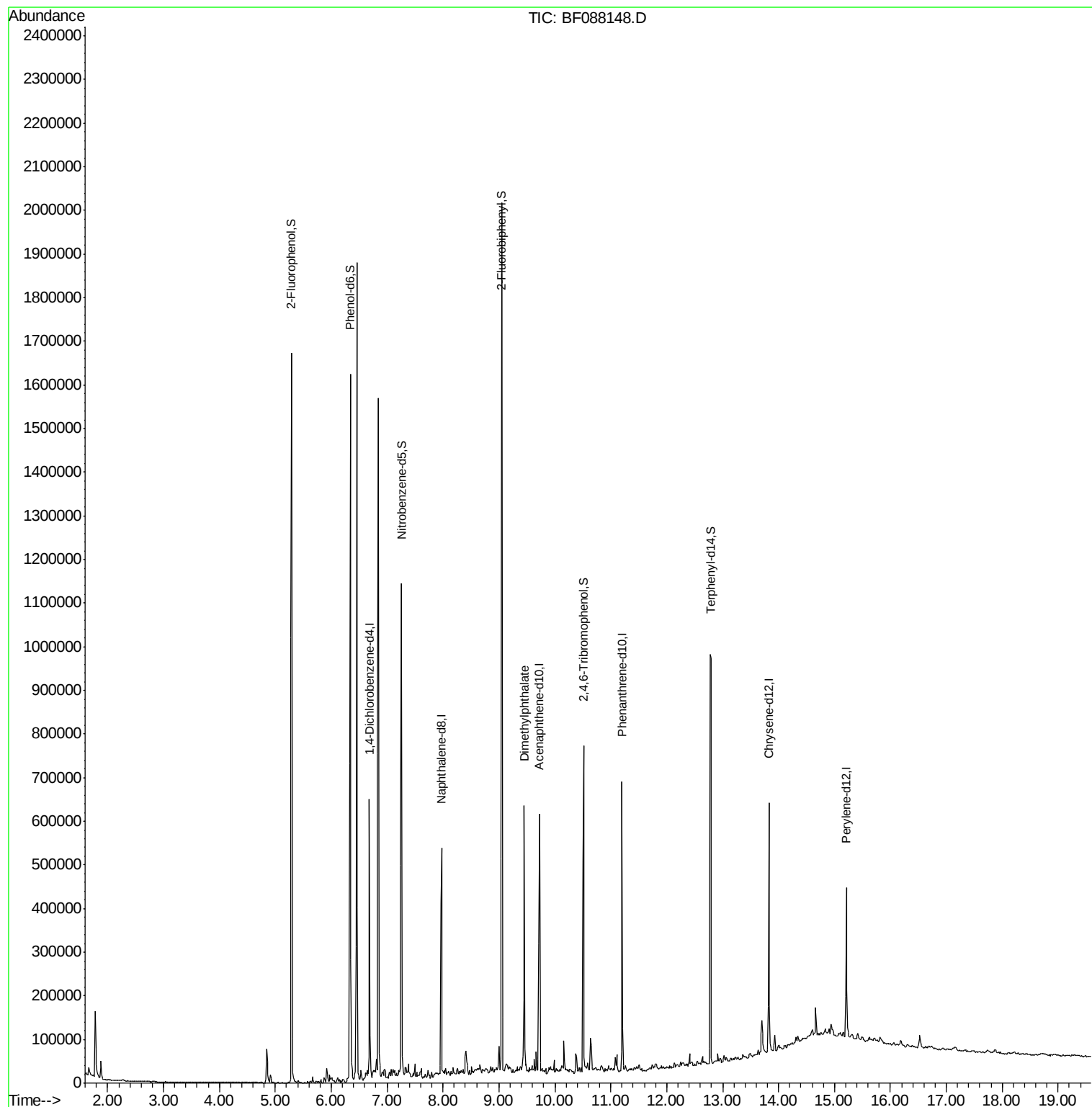
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92539	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	331184	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	134162	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	220479	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	178933	20.00	ng	-0.02
86) Perylene-d12	15.21	264	135847	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	619778	114.50	ng	0.01
7) Phenol-d6	6.34	99	647256	98.66	ng	-0.01
23) Nitrobenzene-d5	7.26	82	410161	72.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113002	79.77	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	616637	71.31	ng	-0.02
78) Terphenyl-d14	12.79	244	446575	56.79	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	249664	25.69	ng	99

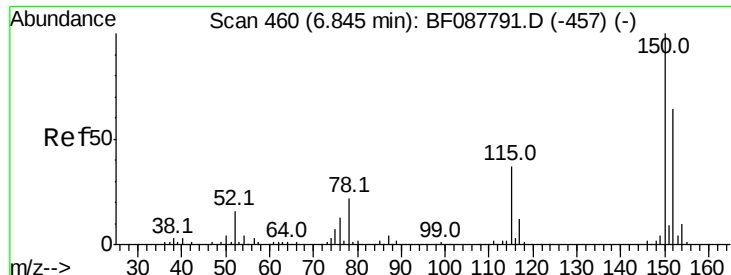
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P8-B6(8-16)C

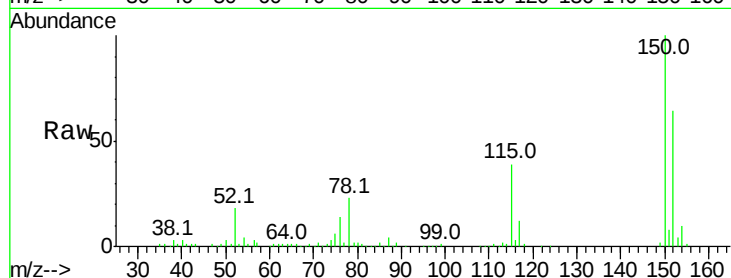
Tot Ion:152 Resp: 92539

Ion Ratio Lower Upper

152 100

150 157.3 123.8 185.6

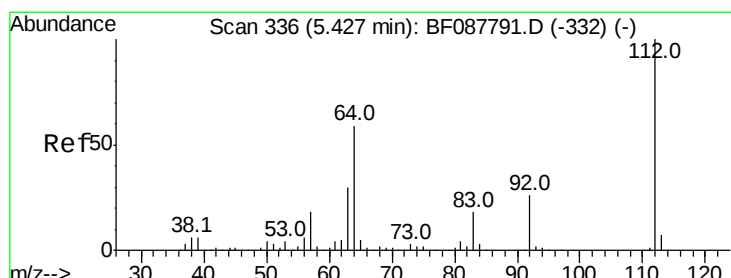
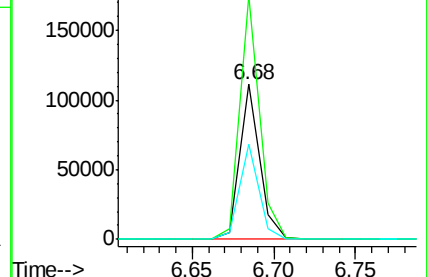
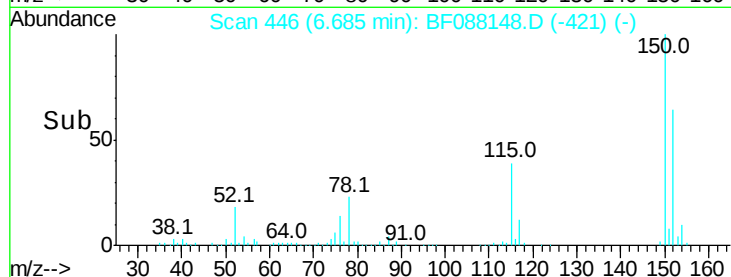
115 61.1 39.6 59.4#



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: 114.50 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

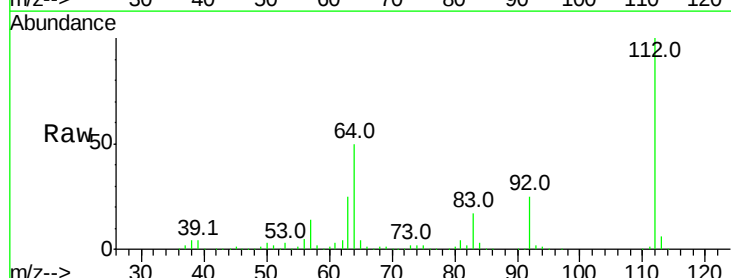
Tgt Ion:112 Resp: 619778

Ion Ratio Lower Upper

112 100

64 49.5 42.2 63.2

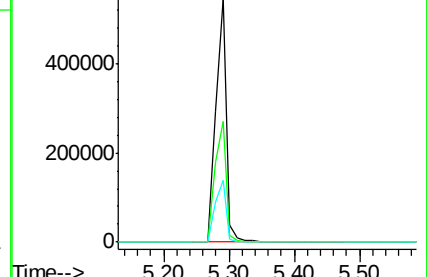
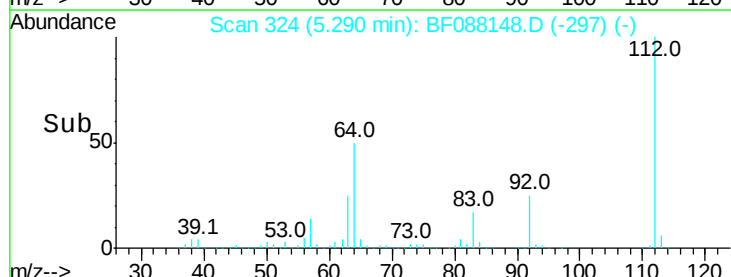
63 25.3 21.8 32.8



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: 98.66 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P8-B6(8-16)C

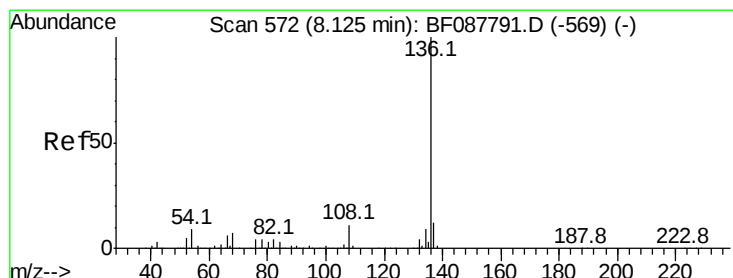
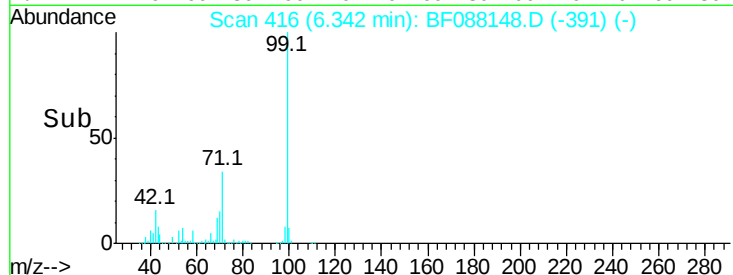
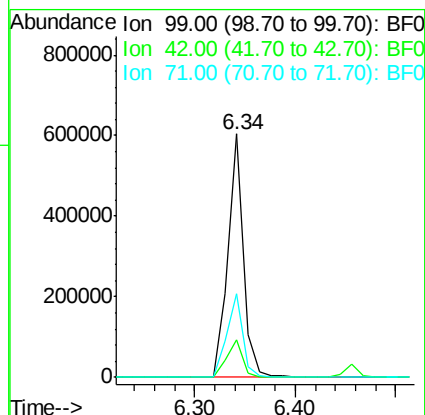
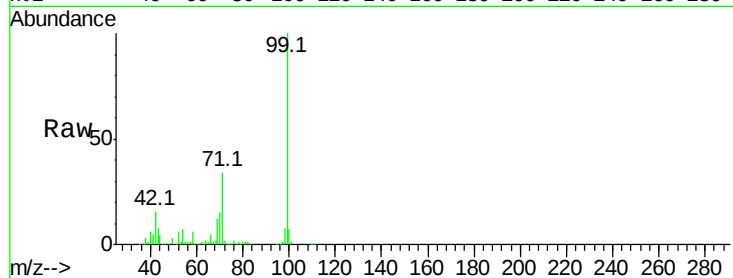
Tot Ion: 99 Resp: 647256

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

71 34.2 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Tgt Ion: 136 Resp: 331184

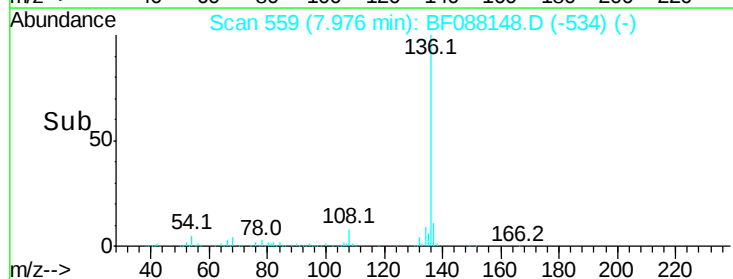
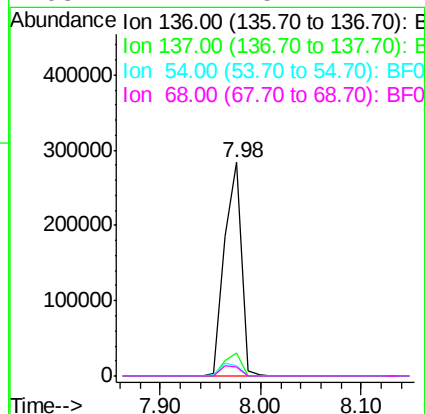
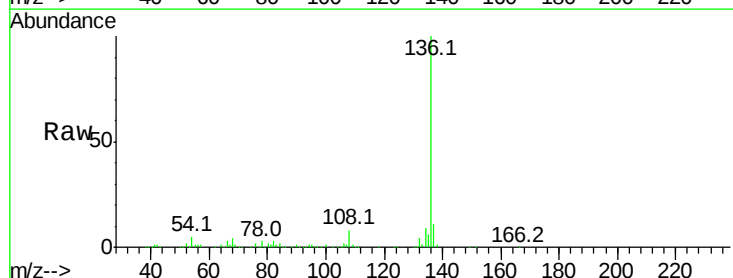
Ion Ratio Lower Upper

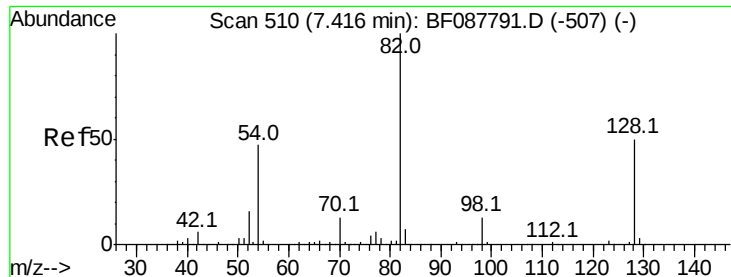
136 100

137 10.6 9.1 13.7

54 4.8 6.6 10.0#

68 4.4 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 72.32 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Instrument :

BNA_F

ClientSampled :

P8-B6(8-16)C

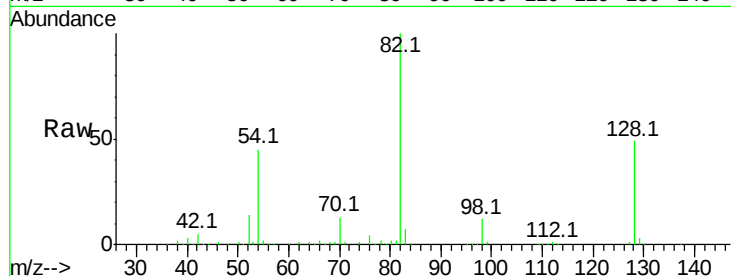
Tot Ion: 82 Resp: 410161

Ion Ratio Lower Upper

82 100

128 49.1 35.9 53.9

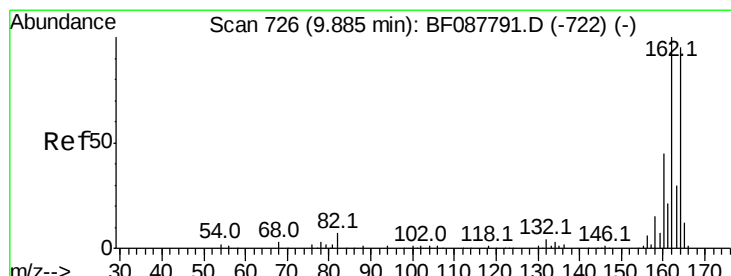
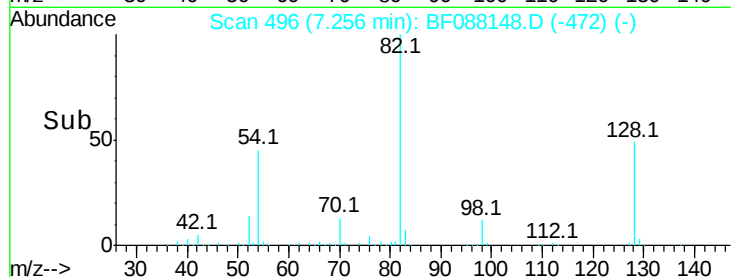
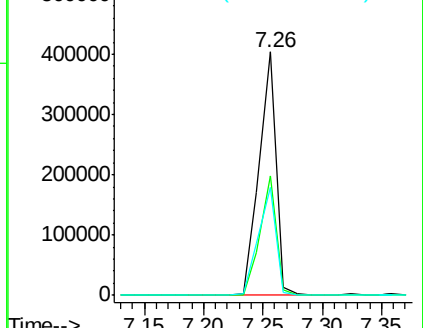
54 44.6 40.9 61.3



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: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

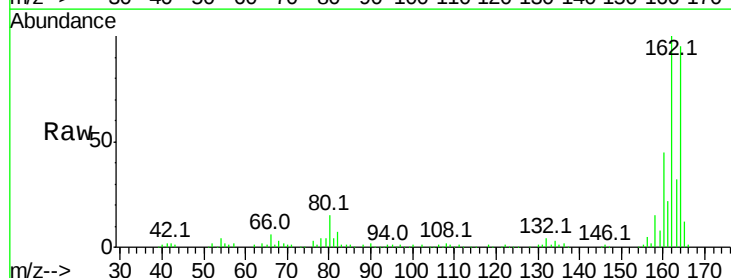
Tgt Ion:164 Resp: 134162

Ion Ratio Lower Upper

164 100

162 105.6 85.4 128.2

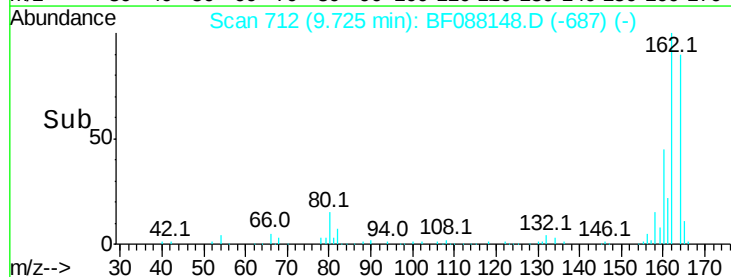
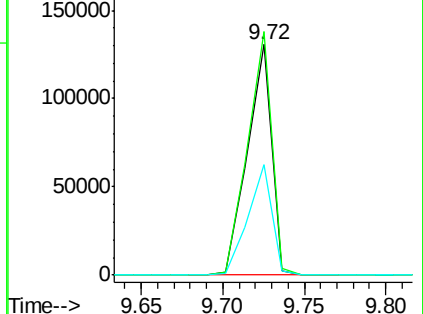
160 47.7 39.5 59.3

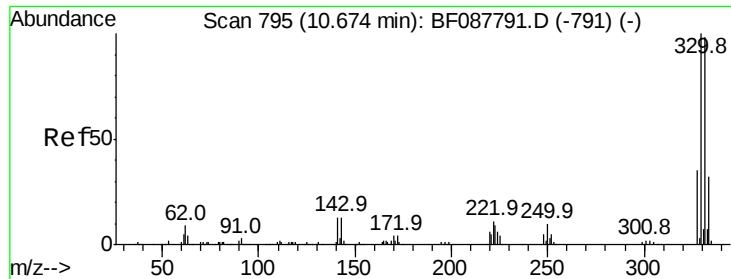


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

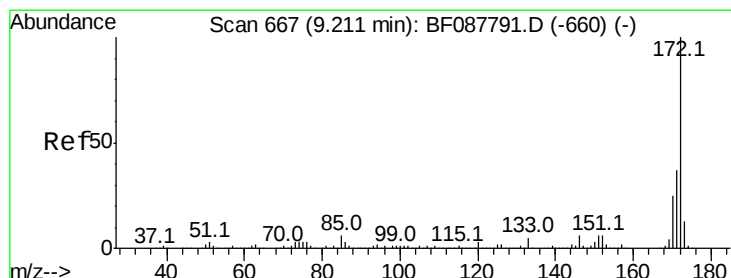
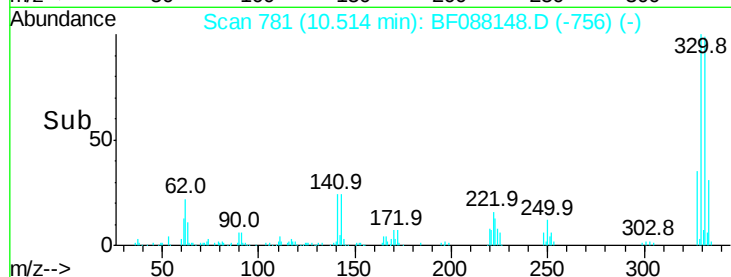
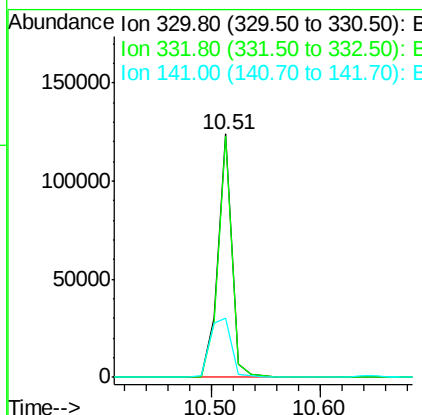
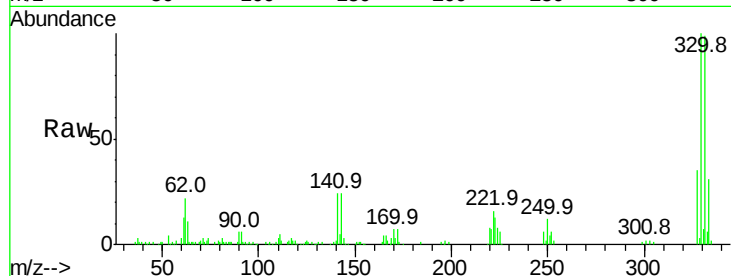




#41
 2,4,6-Tribromophenol
 Concen: 79.77 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF088148.D
 Acq: 18 Jun 2016 21:59

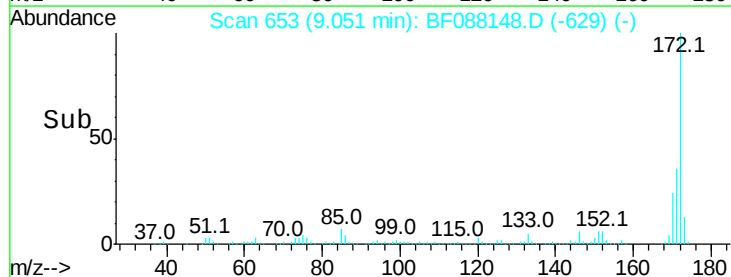
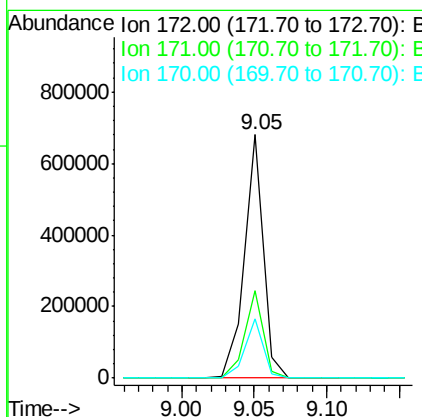
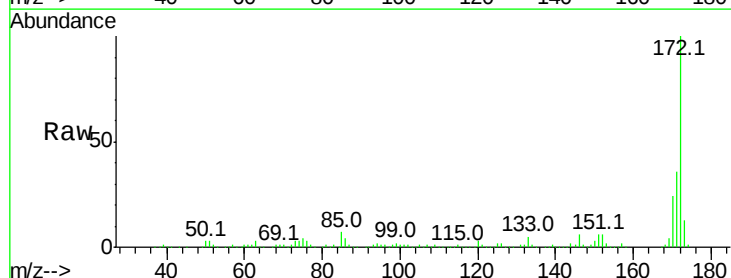
Instrument :
 BNA_F
 ClientSampleId :
 P8-B6(8-16)C

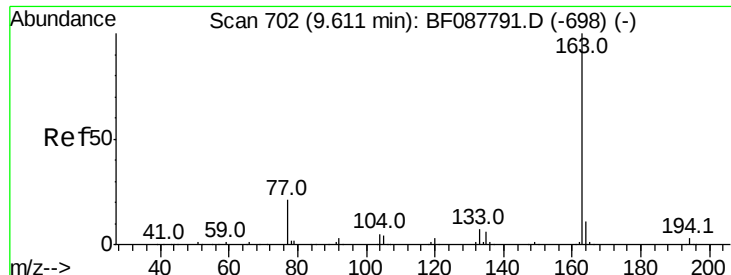
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	38.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.31 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088148.D
 Acq: 18 Jun 2016 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.2	19.2	28.8





#49

Dimethylphthalate

Concen: 25.69 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P8-B6(8-16)C

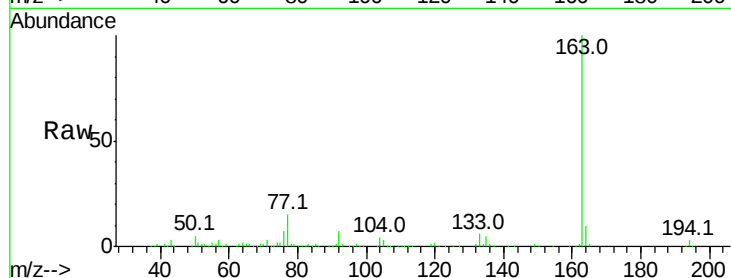
Tot Ion:163 Resp: 249664

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

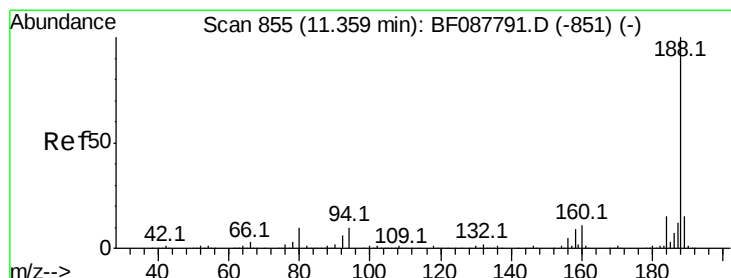
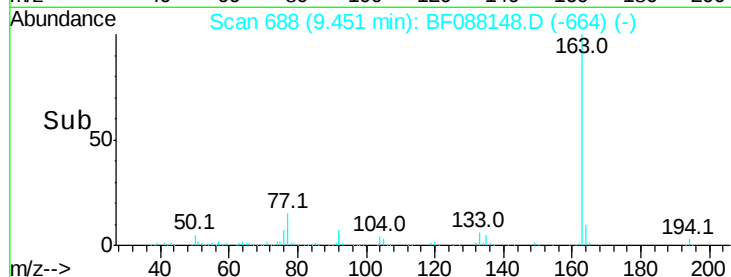
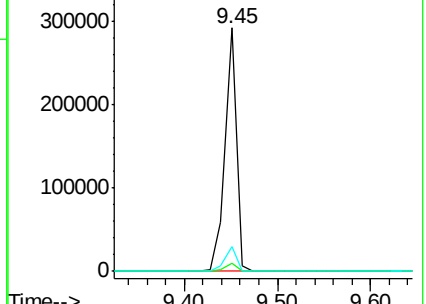
164 9.9 8.3 12.5



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: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

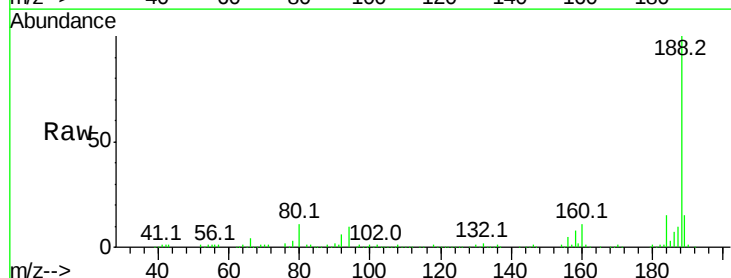
Tgt Ion:188 Resp: 220479

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

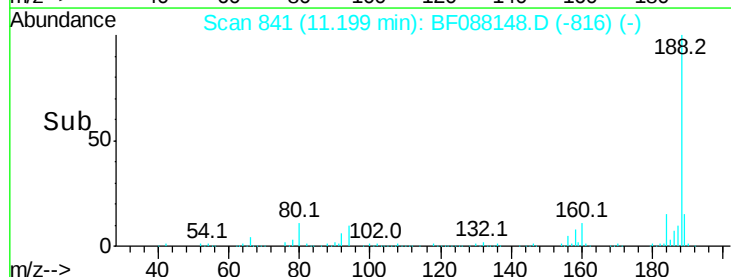
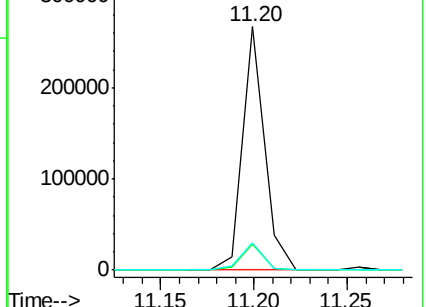
80 11.1 10.0 15.0

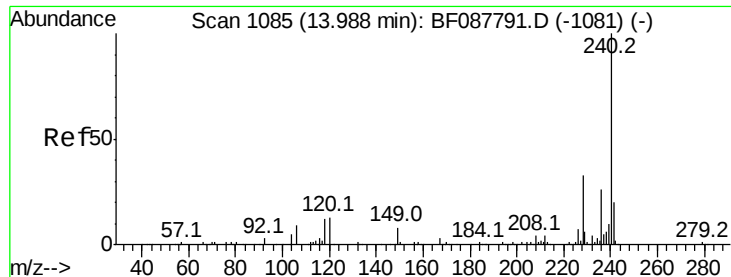


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

Instrument :

BNA_F

ClientSampleId :

P8-B6(8-16)C

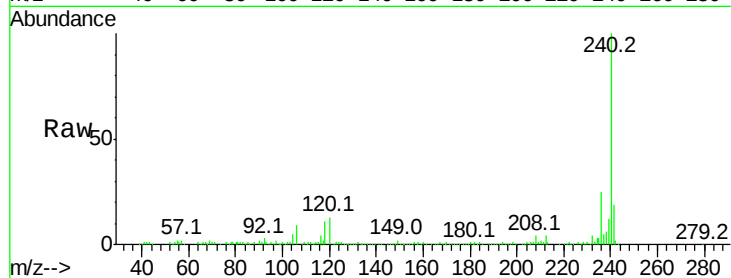
Tot Ion:240 Resp: 178933

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

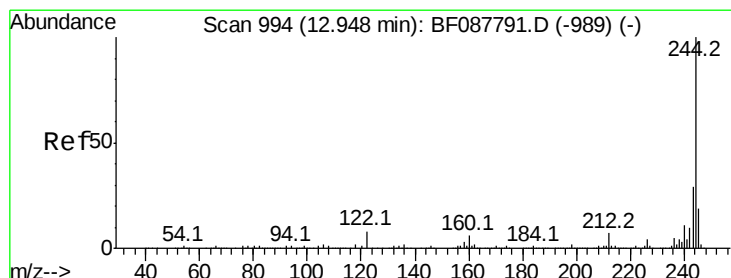
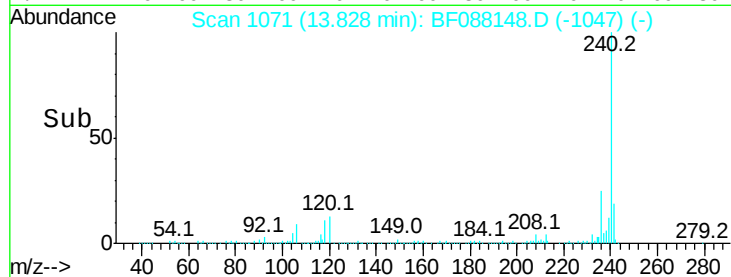
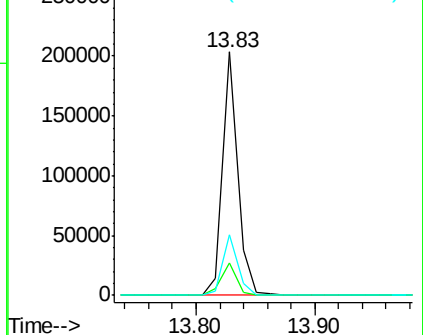
236 25.0 20.2 30.2



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: 56.79 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088148.D

Acq: 18 Jun 2016 21:59

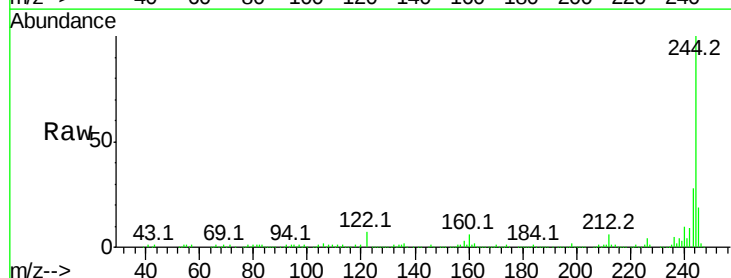
Tgt Ion:244 Resp: 446575

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

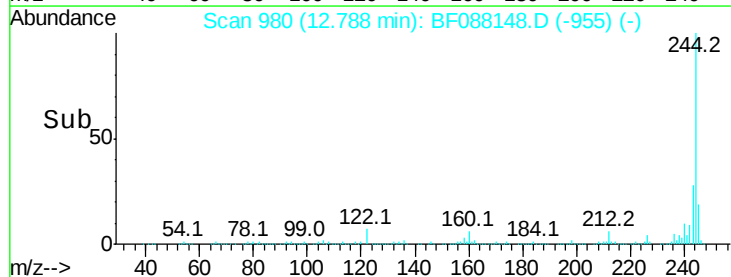
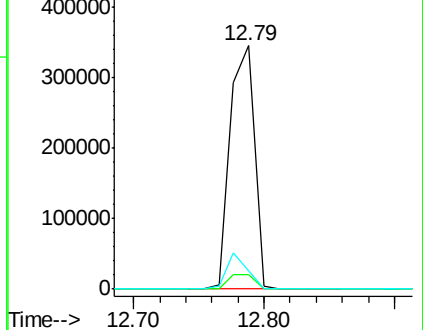
122 7.4 11.2 16.8#

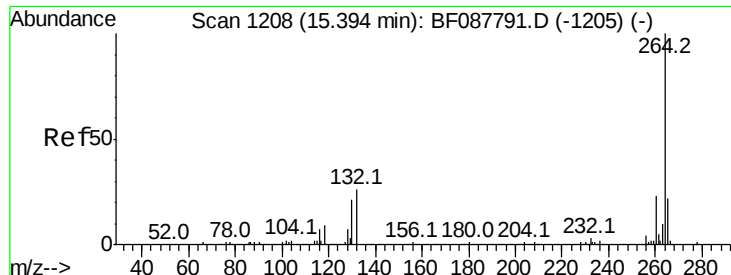


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088148.D
Acq: 18 Jun 2016 21:59

Instrument :
BNA_F
ClientSampleId :
P8-B6(8-16)C

Tot Ion: 264 Resp: 135847

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	16.9	25.3

