

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088205.D
 Acq On : 21 Jun 2016 8:01
 Operator : UM/SJ
 Sample : H3580-23
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B7(0-8)C

Quant Time: Jun 21 12:49:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

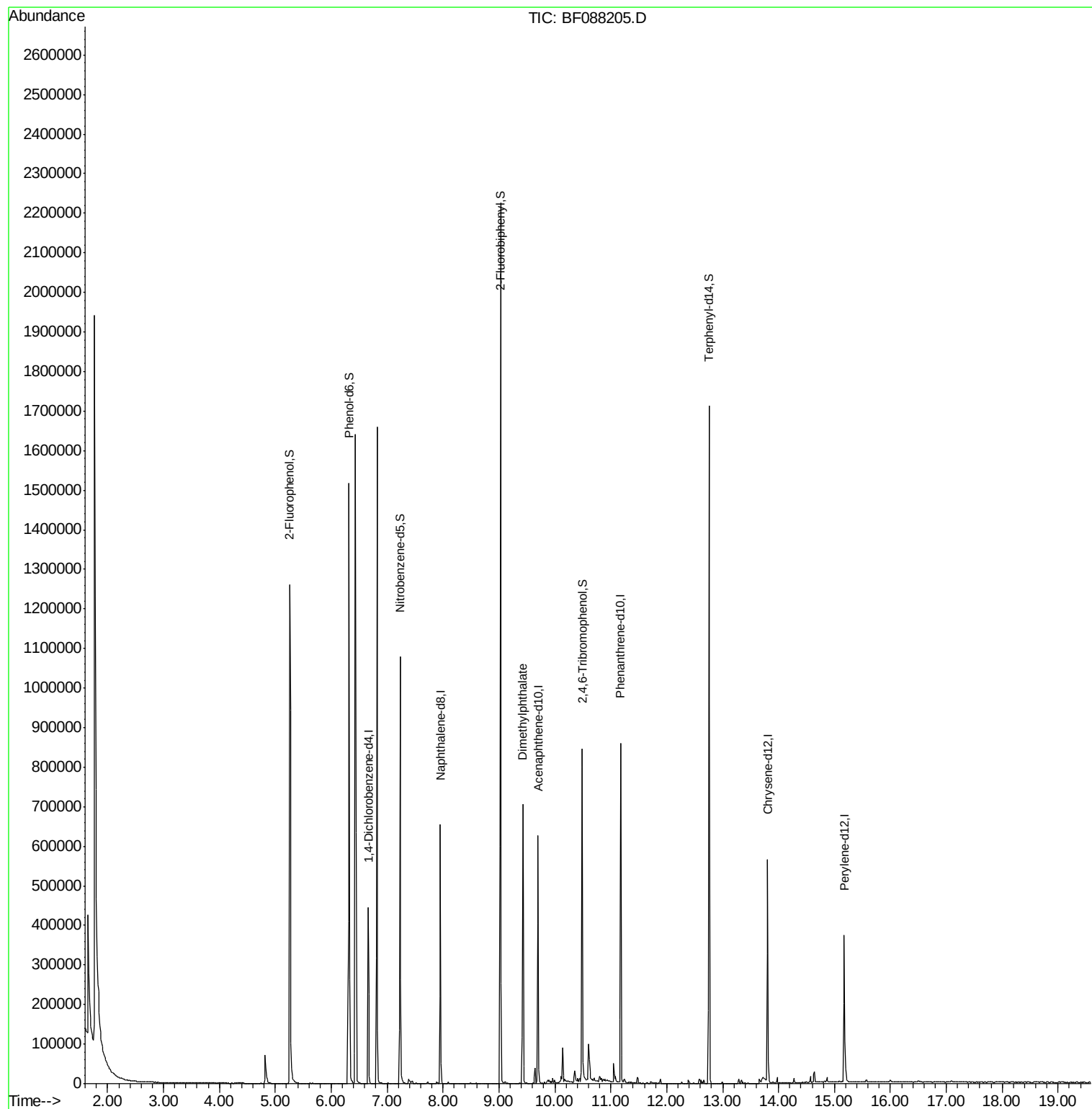
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	83830	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	339188	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	160626	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	303811	20.00	ng	0.00
75) Chrysene-d12	13.81	240	237728	20.00	ng	0.00
86) Perylene-d12	15.18	264	179179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	541723	110.47	ng	0.00
7) Phenol-d6	6.32	99	599419	100.86	ng	-0.01
23) Nitrobenzene-d5	7.23	82	371996	64.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	162193	95.63	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	735830	71.06	ng	-0.01
78) Terphenyl-d14	12.75	244	669060	64.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	285924	24.57	ng	Qvalue 99

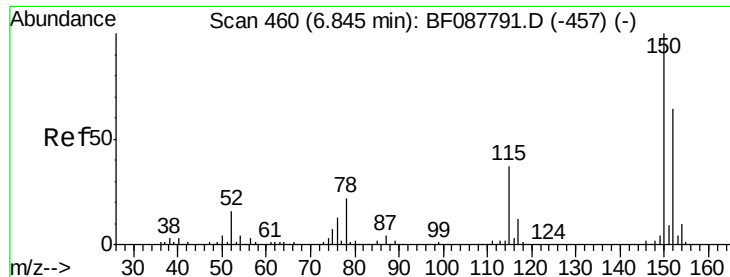
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 20 17:39:32 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

Instrument :

BNA_F

ClientSampleId :

08-B7(0-8)C

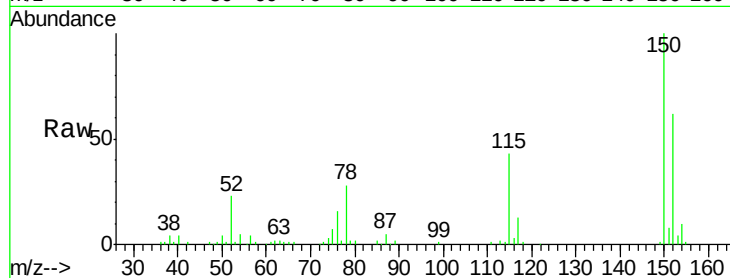
Tot Ion:152 Resp: 83830

Ion Ratio Lower Upper

152 100

150 162.5 123.8 185.6

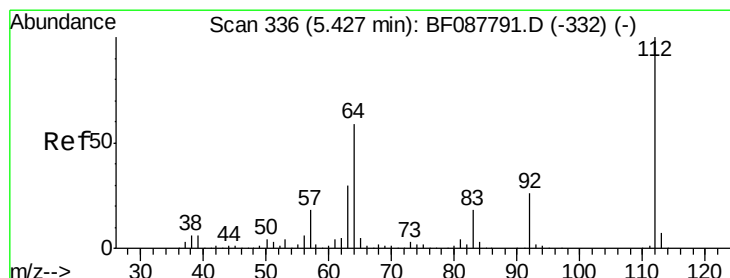
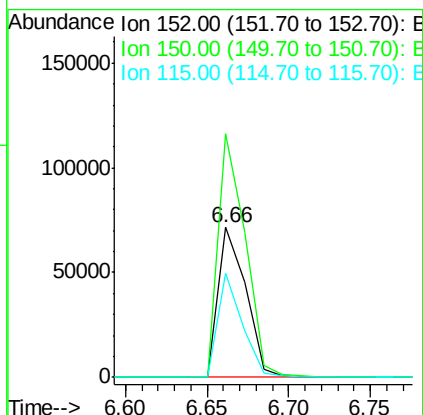
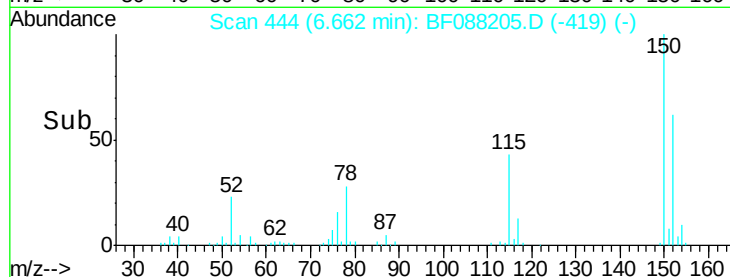
115 69.7 39.6 59.4#



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: 110.47 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

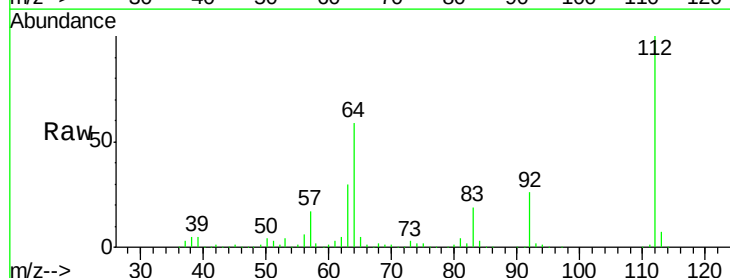
Tgt Ion:112 Resp: 541723

Ion Ratio Lower Upper

112 100

64 59.0 42.2 63.2

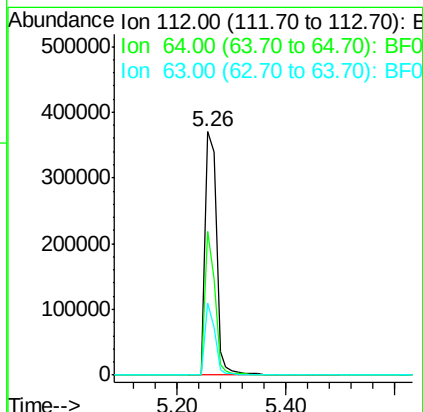
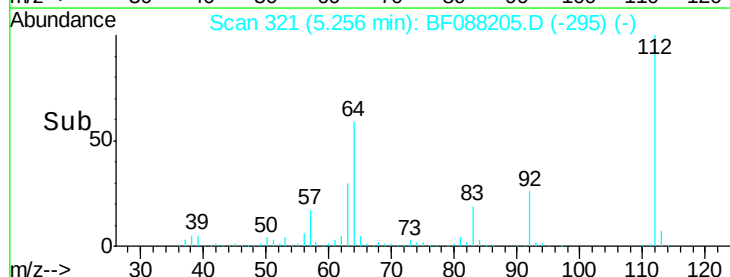
63 29.8 21.8 32.8

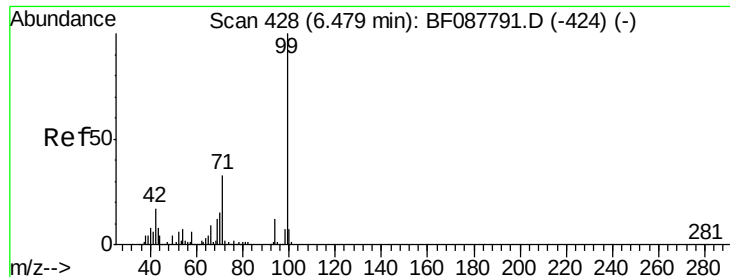


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.86 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

Instrument :

BNA_F

ClientSampleId :

08-B7(0-8)C

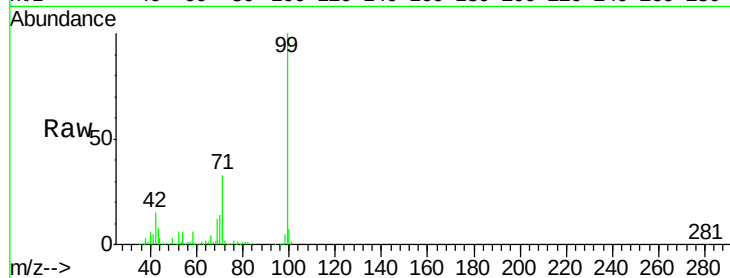
Tot Ion: 99 Resp: 599419

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

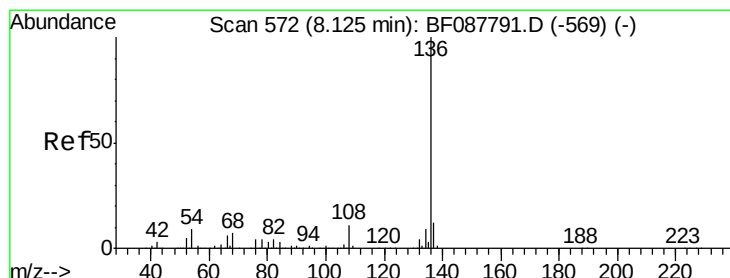
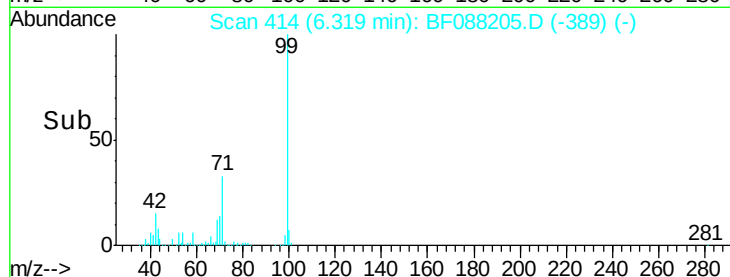
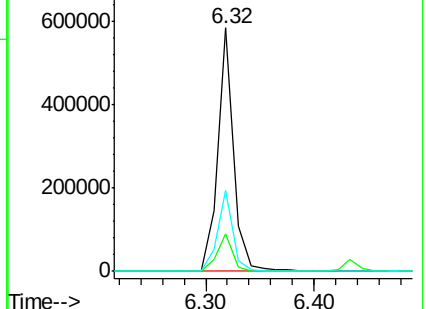
71 33.4 23.4 35.0



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: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

Tgt Ion: 136 Resp: 339188

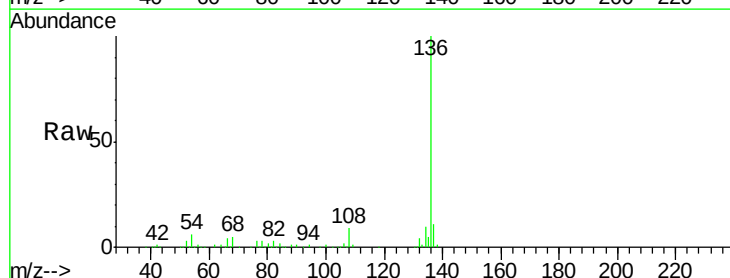
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.8 6.6 10.0#

68 5.0 5.1 7.7#

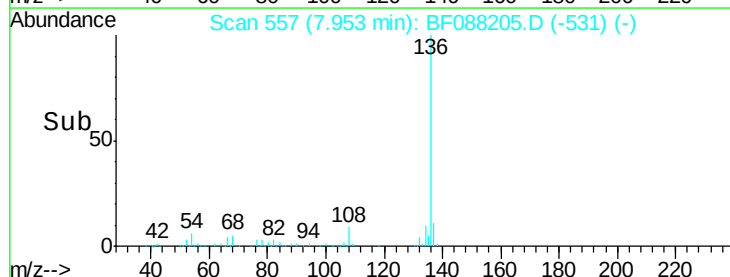
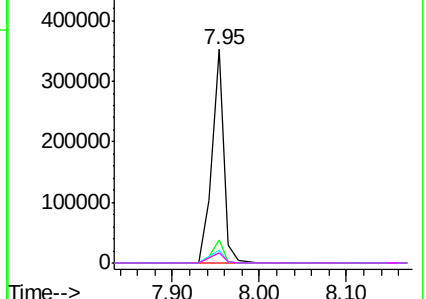


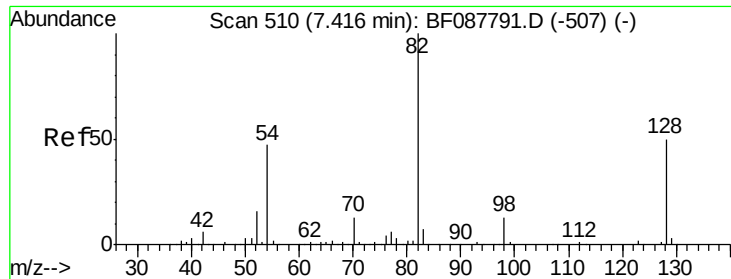
Abundance Ion 136.00 (135.70 to 136.70): E

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

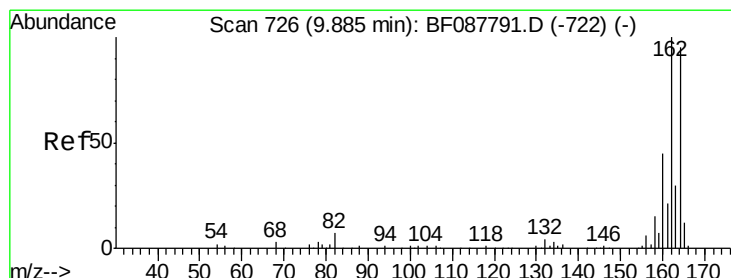
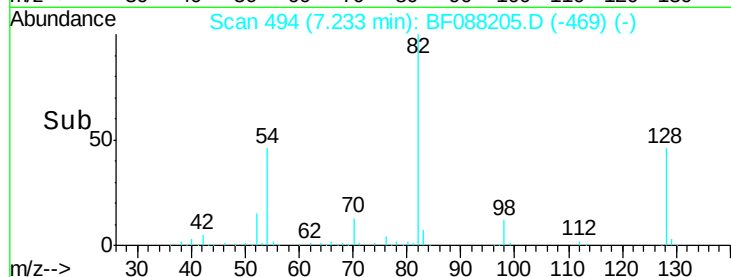
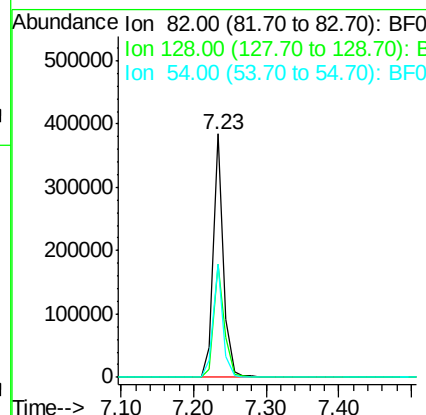
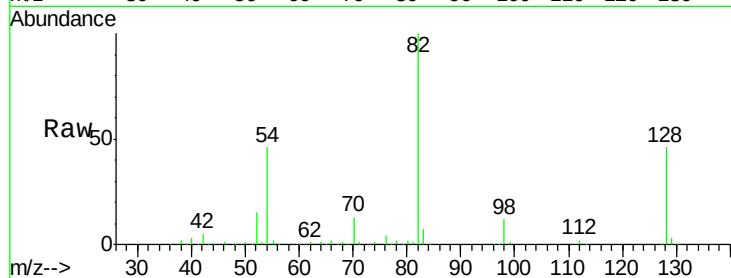




#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088205.D
Acq: 21 Jun 2016 8:01

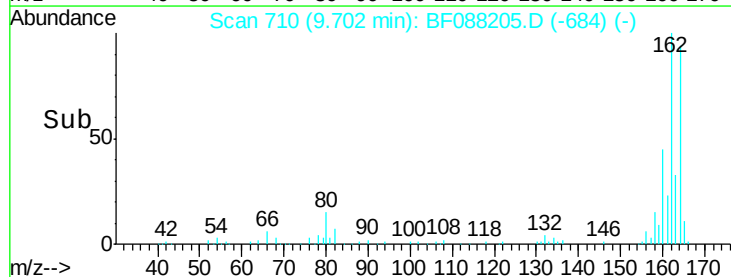
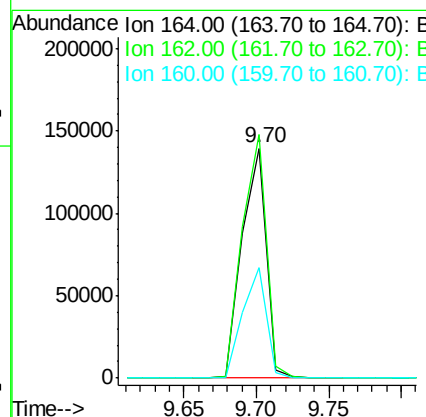
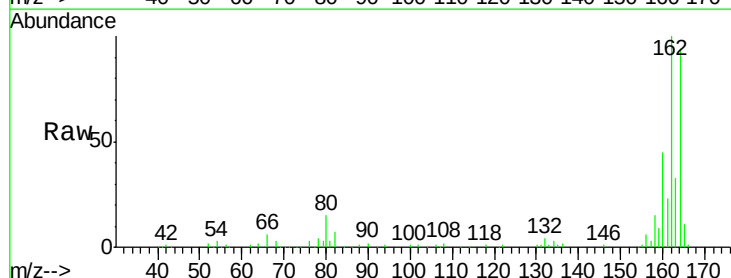
Instrument :
BNA_F
ClientSampleId :
08-B7(0-8)C

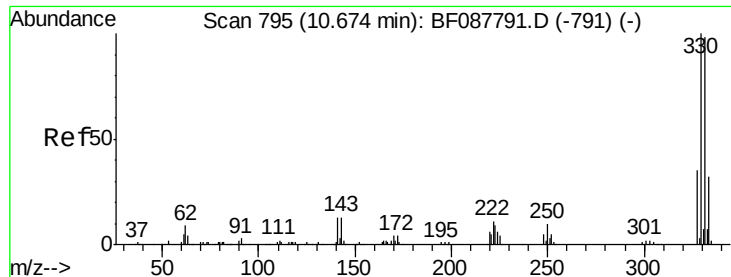
Tot Ion: 82 Resp: 371996
Ion Ratio Lower Upper
82 100
128 46.3 35.9 53.9
54 46.5 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088205.D
Acq: 21 Jun 2016 8:01

Tgt Ion:164 Resp: 160626
Ion Ratio Lower Upper
164 100
162 105.8 85.4 128.2
160 48.0 39.5 59.3

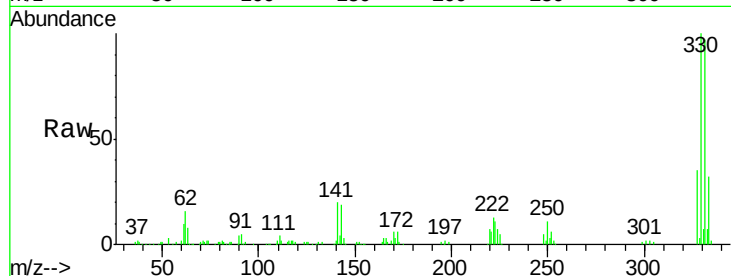




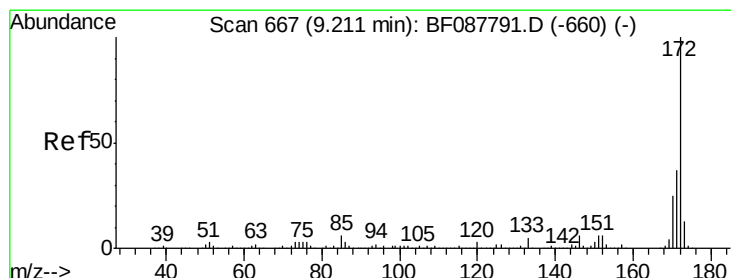
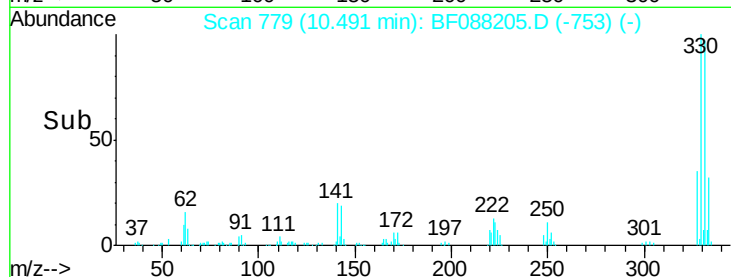
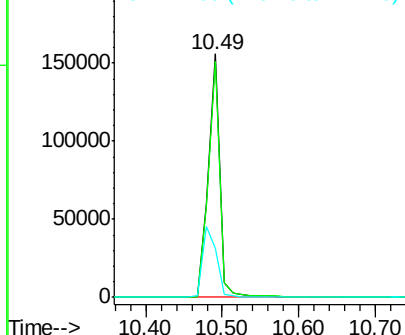
#41
 2,4,6-Tribromophenol
 Concen: 95.63 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088205.D
 Acq: 21 Jun 2016 8:01

Instrument :
 BNA_F
 ClientSampleId :
 08-B7(0-8)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	34.8	0.0	0.0#

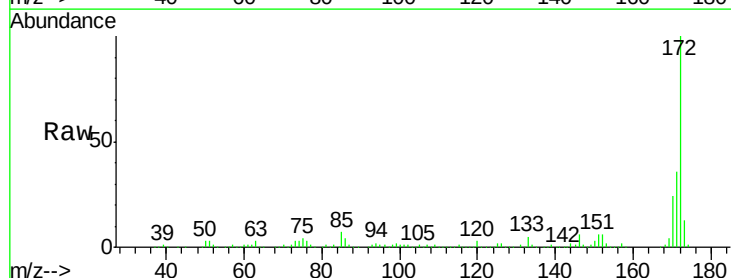


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

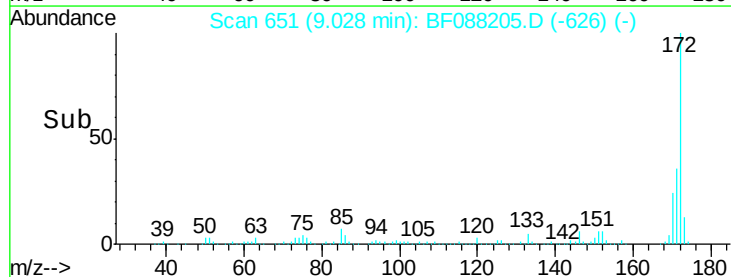
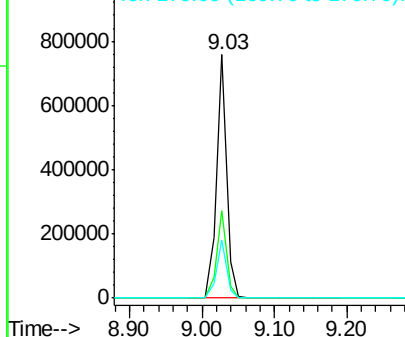


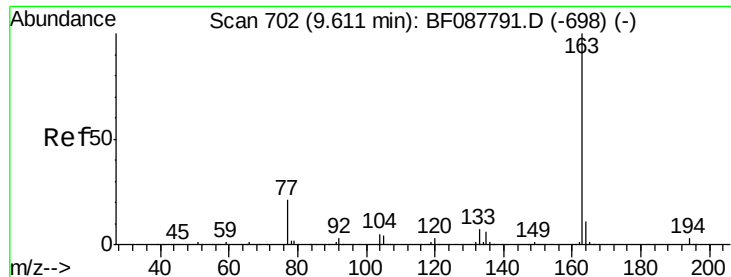
#44
 2-Fluorobiphenyl
 Concen: 71.06 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088205.D
 Acq: 21 Jun 2016 8:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.9	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: 24.57 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

Instrument :

BNA_F

ClientSampleId :

08-B7(0-8)C

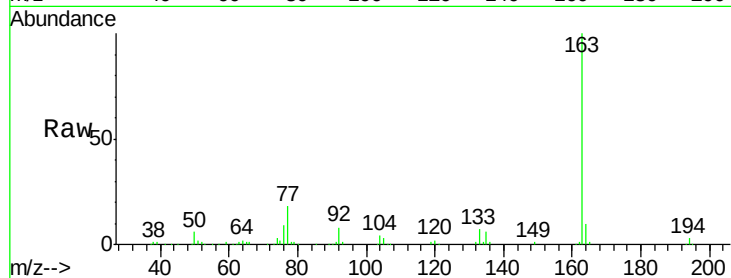
Tot Ion:163 Resp: 285924

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

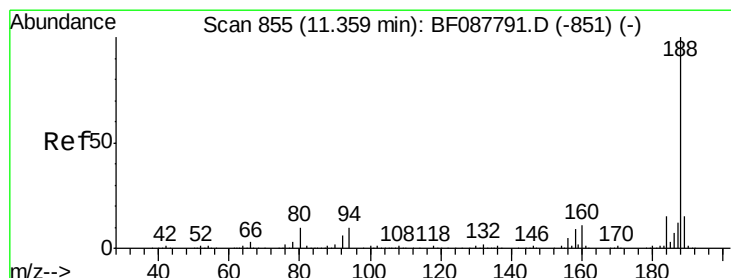
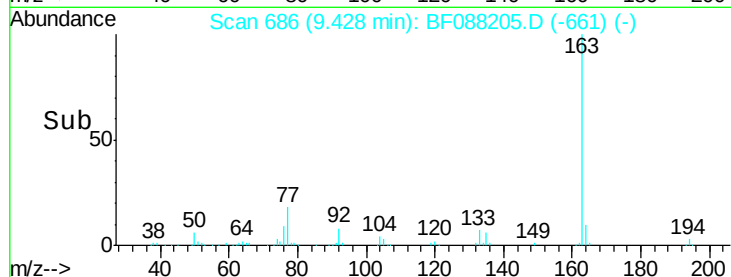
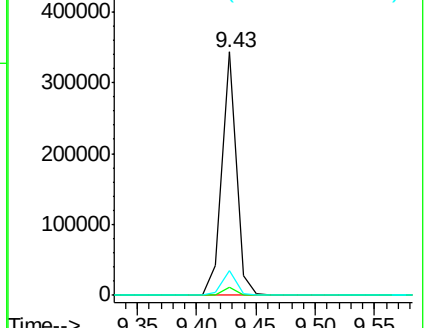
164 9.9 8.3 12.5



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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

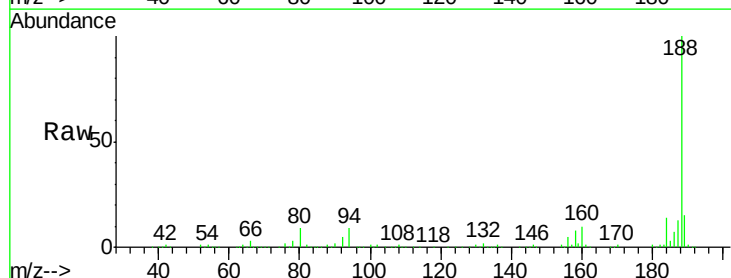
Tgt Ion:188 Resp: 303811

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.6#

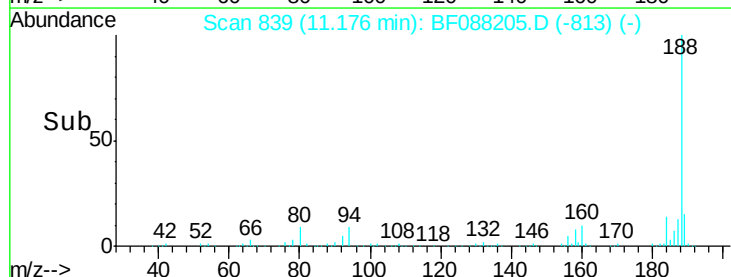
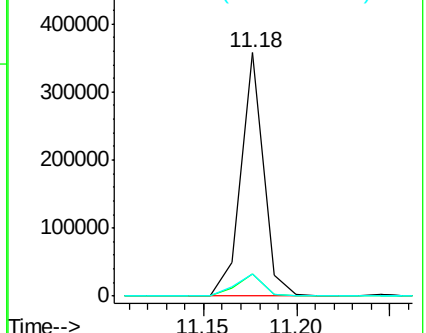
80 9.3 10.0 15.0#

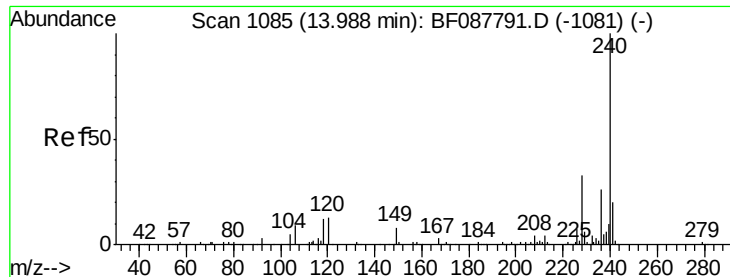


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

Instrument :

BNA_F

ClientSampleId :

08-B7(0-8)C

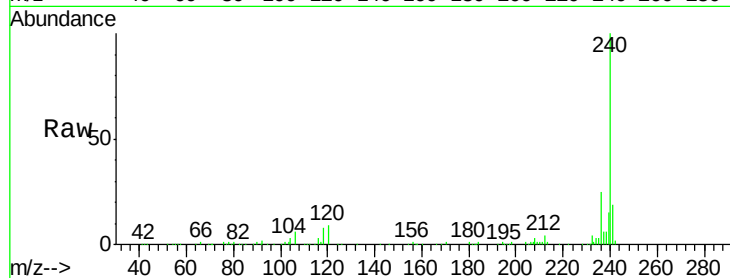
Tot Ion:240 Resp: 237728

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

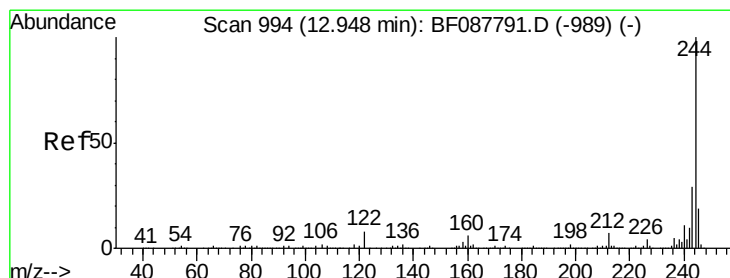
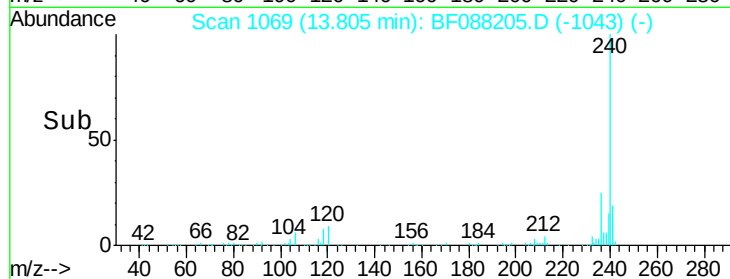
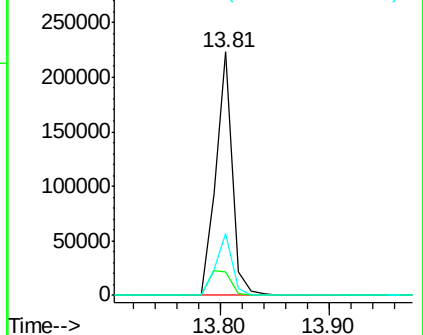
236 25.4 20.2 30.2



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: 64.04 ng

RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088205.D

Acq: 21 Jun 2016 8:01

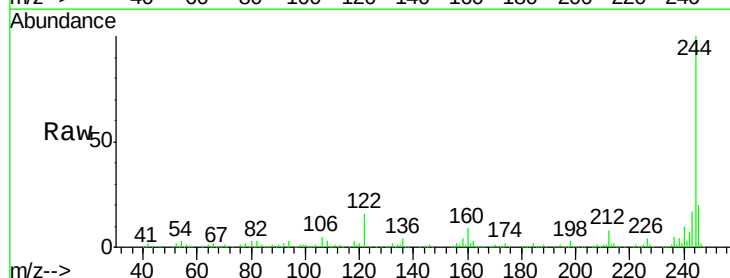
Tgt Ion:244 Resp: 669060

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

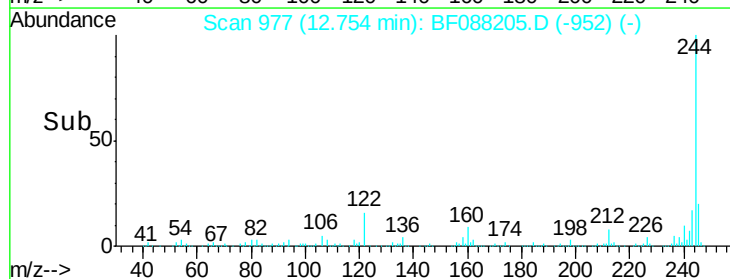
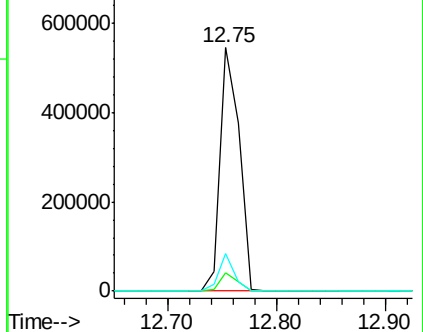
122 15.7 11.2 16.8

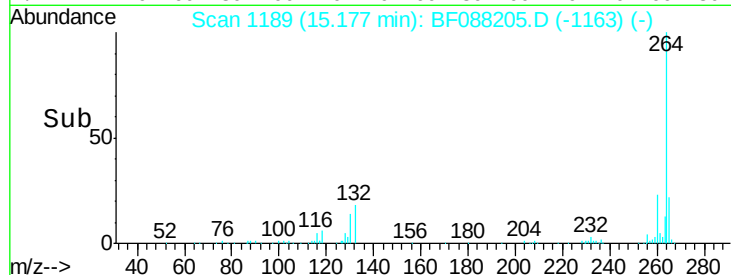
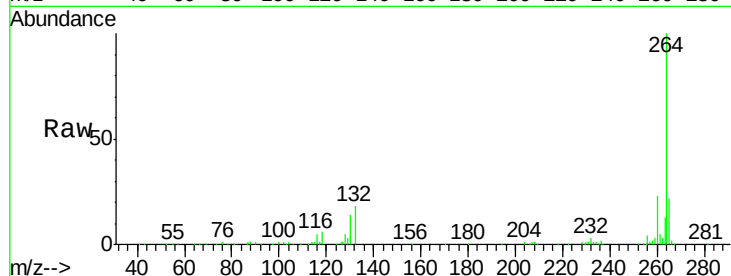
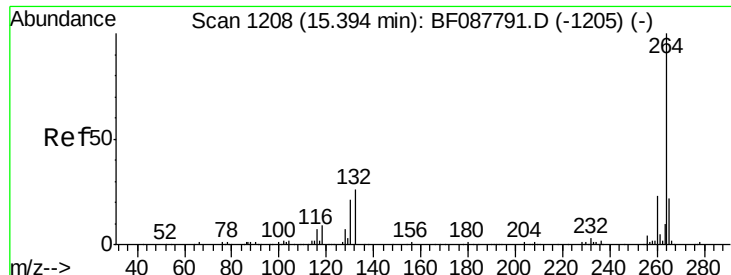


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088205.D
 Acq: 21 Jun 2016 8:01

Instrument :
 BNA_F
 ClientSampleId :
 08-B7(0-8)C

Tot Ion:	264	Resp:	179179
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	16.9	25.3

