

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088458.D
 Acq On : 27 Jun 2016 18:29
 Operator : UM/SJ
 Sample : H3747-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Quant Time: Jun 28 06:09:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 28 05:25:55 2016
 Response via : Initial Calibration

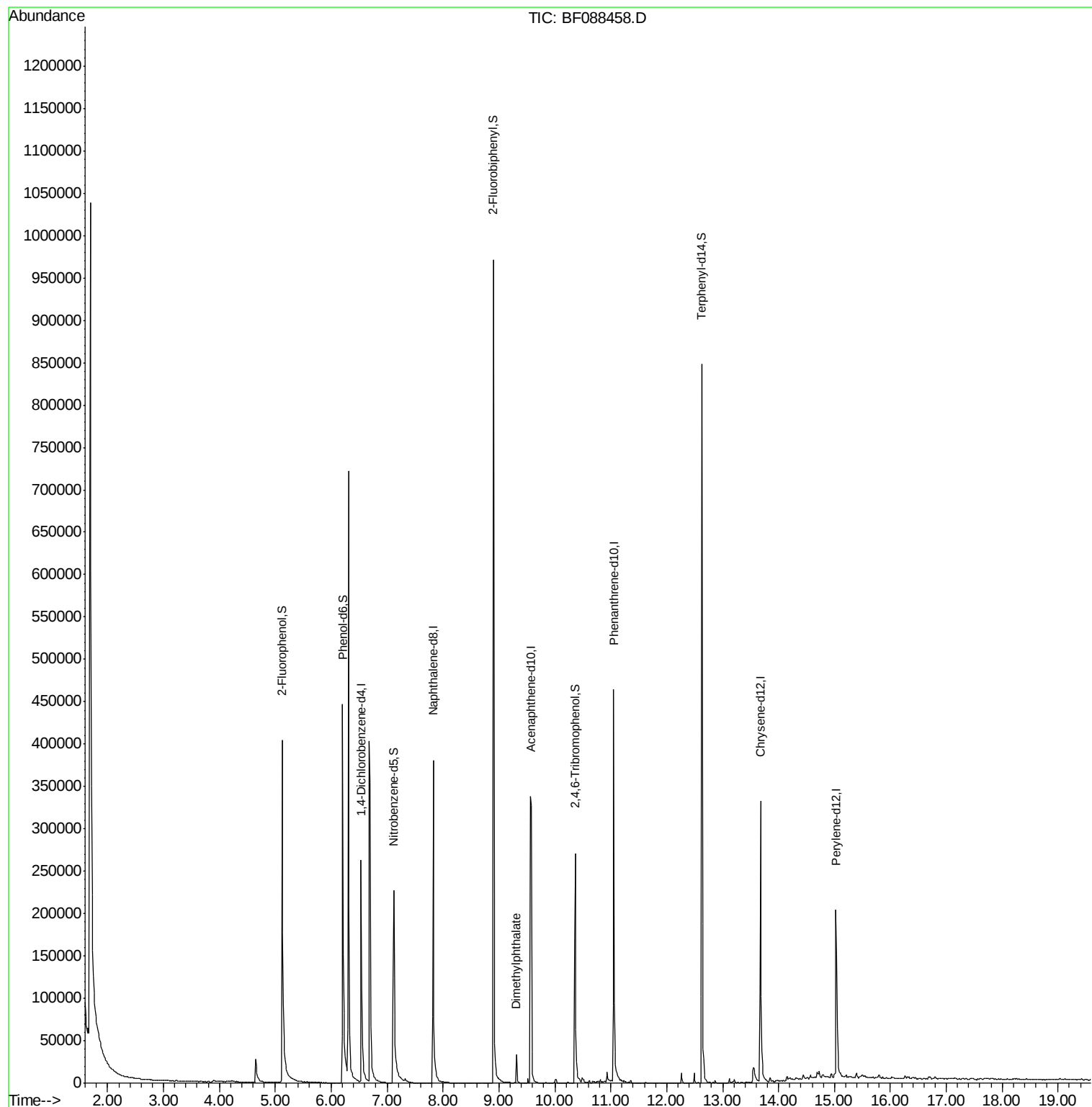
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	61028m	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	246223	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	112301	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	218122	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	156302	20.00	ng	-0.01
86) Perylene-d12	15.03	264	120316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	220731	61.83	ng	-0.01
7) Phenol-d6	6.20	99	271706	62.80	ng	-0.02
23) Nitrobenzene-d5	7.12	82	161902	38.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	52898	44.61	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	351487	46.67	ng	-0.02
78) Terphenyl-d14	12.63	244	297324	43.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	19910	2.45	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

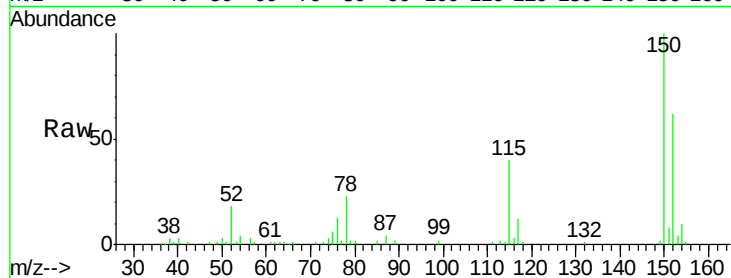
Tot Ion:152 Resp: 61028

Ion Ratio Lower Upper

152 100

150 160.7 123.8 185.6

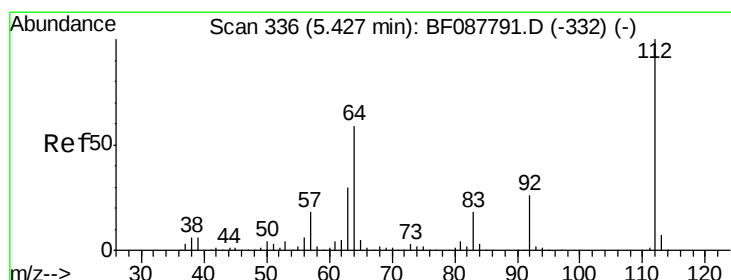
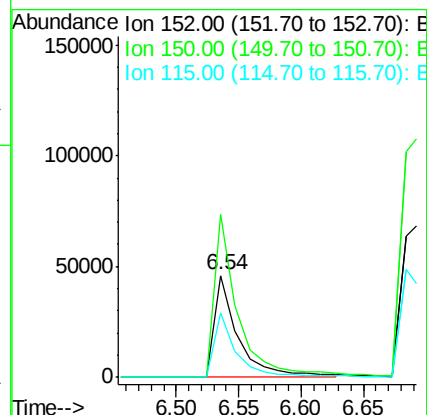
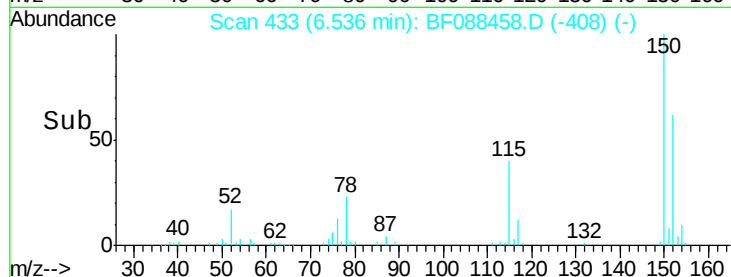
115 63.7 39.6 59.4#



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: 61.83 ng

RT: 5.12 min Scan# 309

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

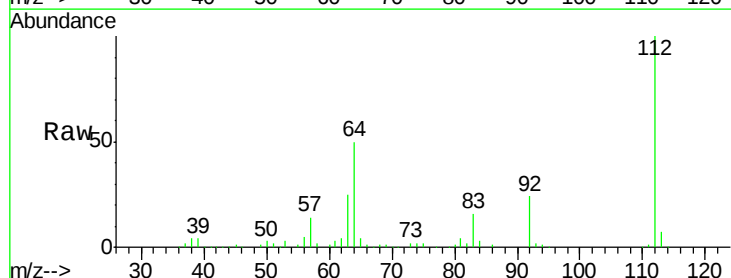
Tgt Ion:112 Resp: 220731

Ion Ratio Lower Upper

112 100

64 50.4 42.2 63.2

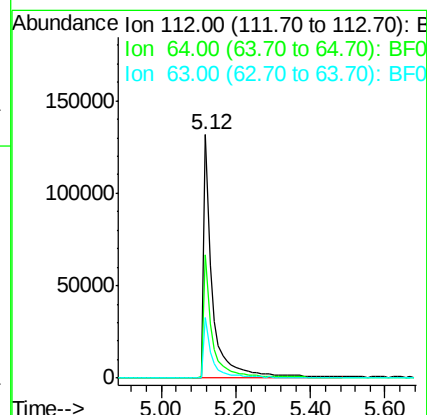
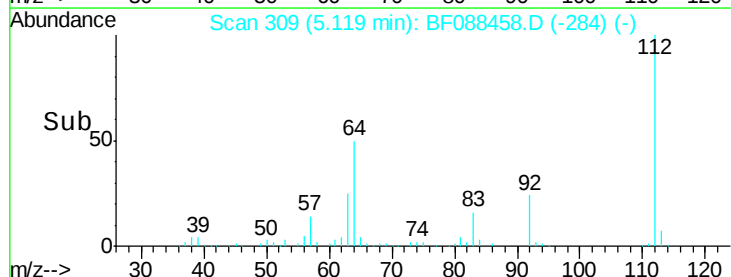
63 25.1 21.8 32.8



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: 62.80 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

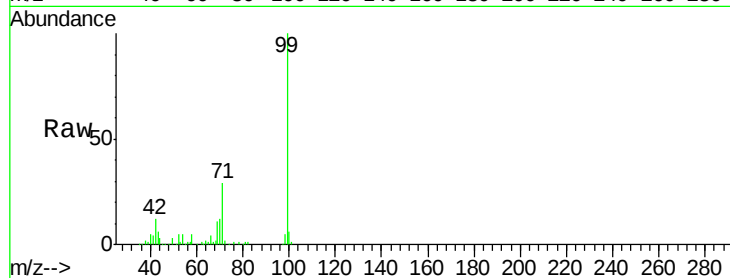
Tot Ion: 99 Resp: 271706

Ion Ratio Lower Upper

99 100

42 12.1 12.2 18.2#

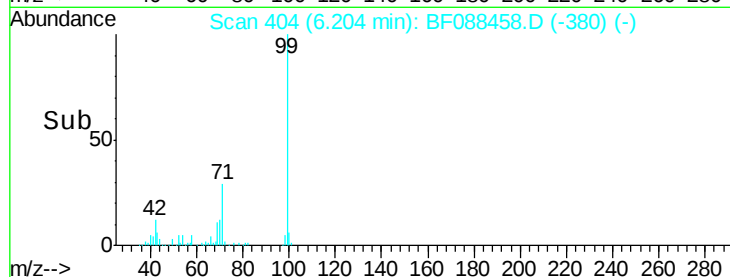
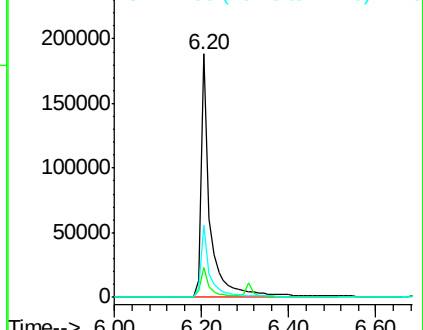
71 29.4 23.4 35.0



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: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

Tgt Ion: 136 Resp: 246223

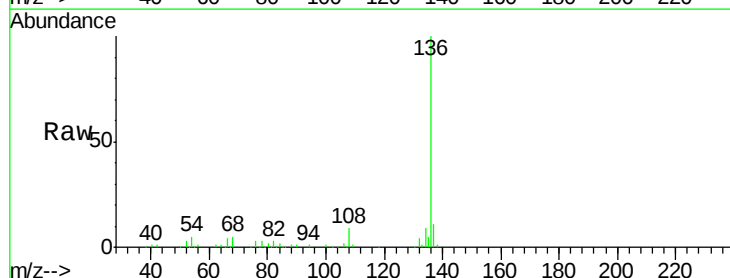
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.2 6.6 10.0#

68 4.7 5.1 7.7#

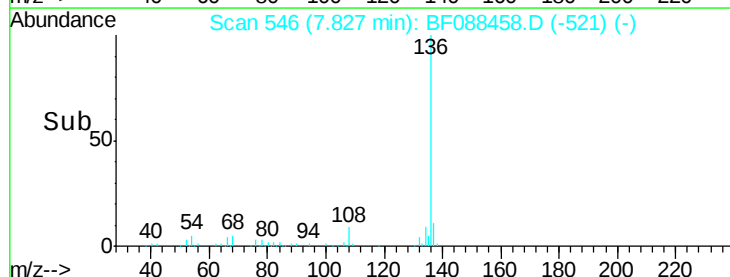
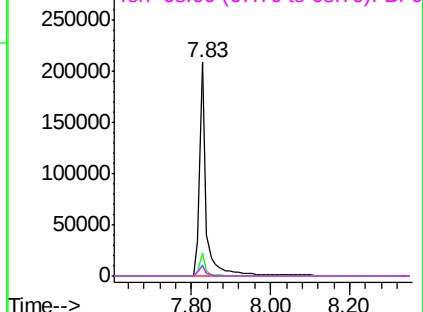


Abundance Ion 136.00 (135.70 to 136.70): E

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

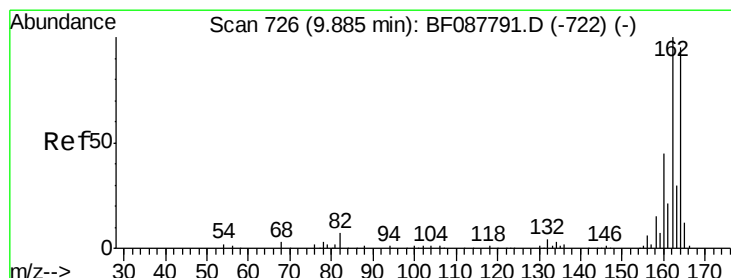
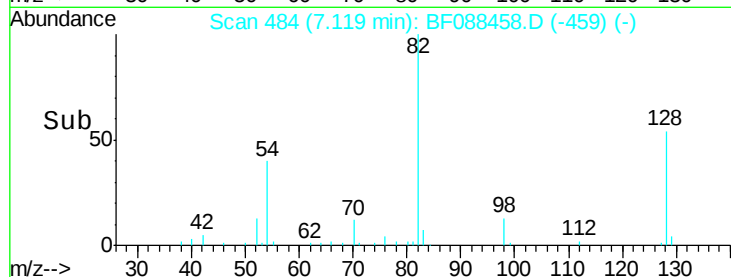
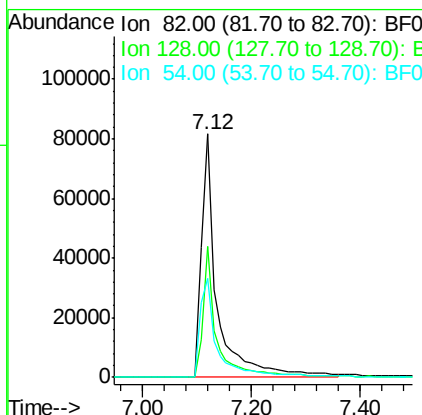
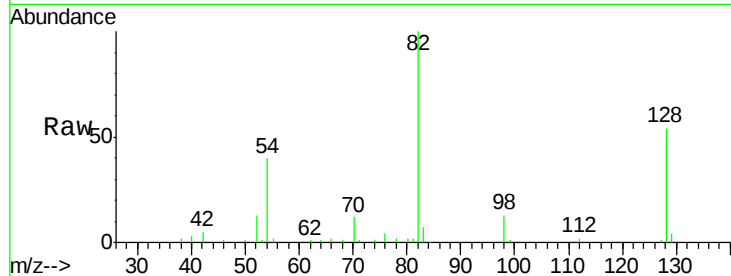




#23
 Nitrobenzene-d5
 Concen: 38.40 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF088458.D
 Acq: 27 Jun 2016 18:29

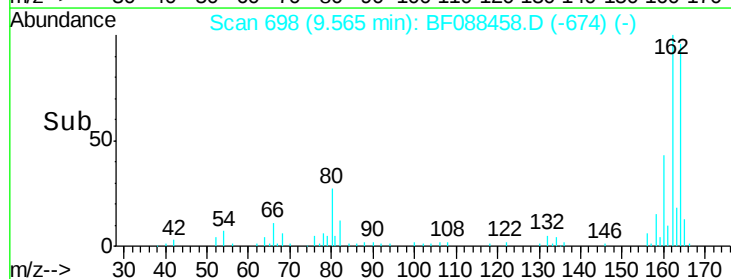
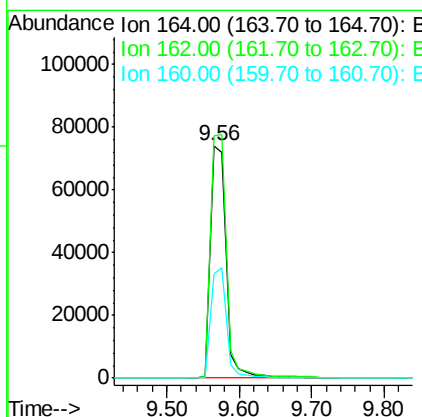
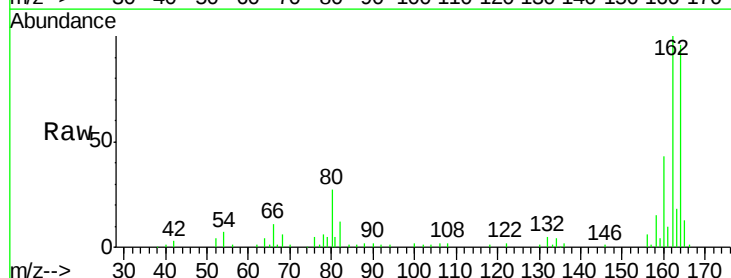
Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion: 82 Resp: 161902
 Ion Ratio Lower Upper
 82 100
 128 53.7 35.9 53.9
 54 40.4 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF088458.D
 Acq: 27 Jun 2016 18:29

Tgt Ion:164 Resp: 112301
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 44.6 39.5 59.3

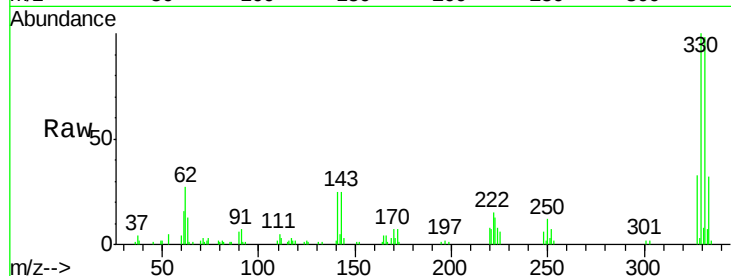




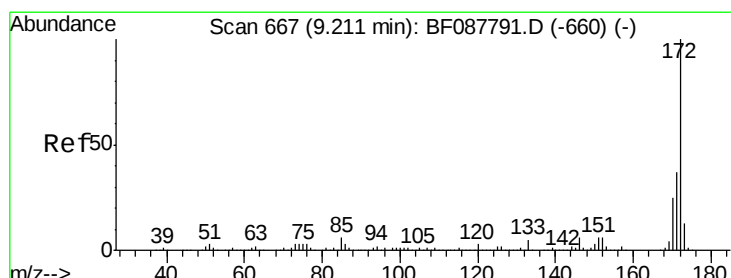
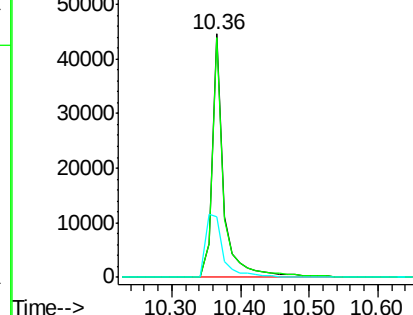
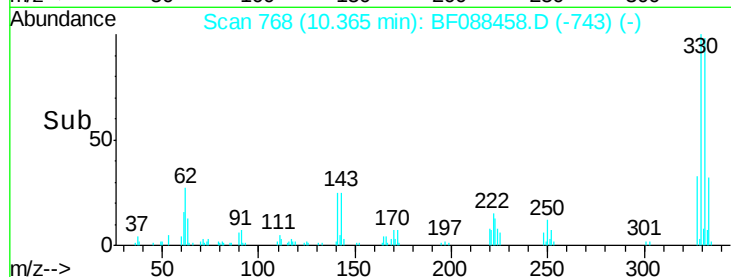
#41
 2,4,6-Tribromophenol
 Concen: 44.61 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088458.D
 Acq: 27 Jun 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	38.7	0.0	0.0#

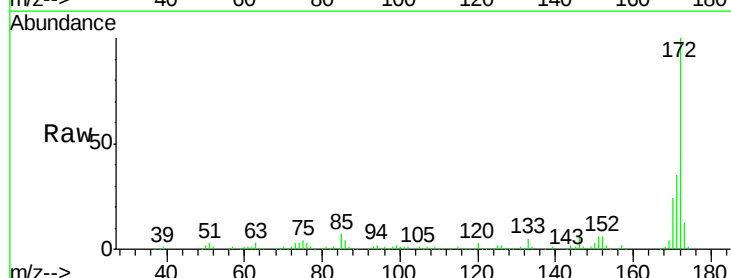


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

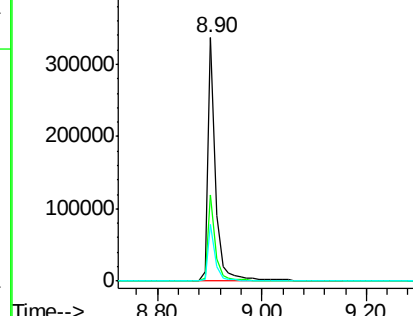
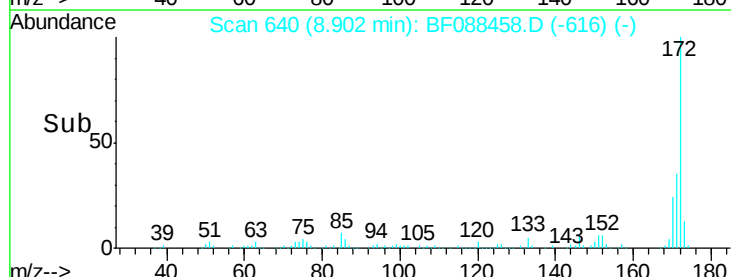


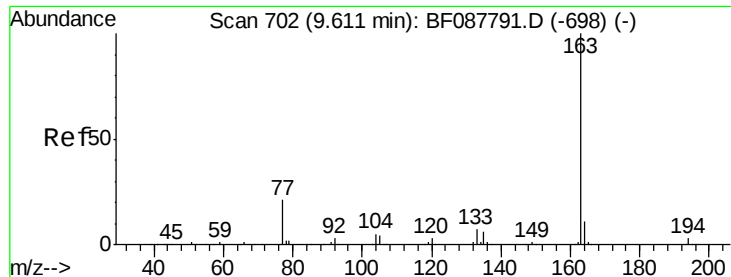
#44
 2-Fluorobiphenyl
 Concen: 46.67 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088458.D
 Acq: 27 Jun 2016 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.5	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: 2.45 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

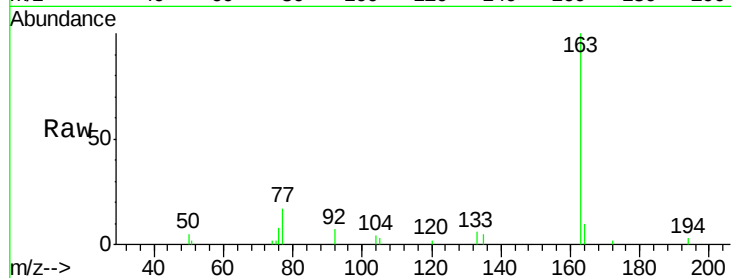
Tot Ion:163 Resp: 19910

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

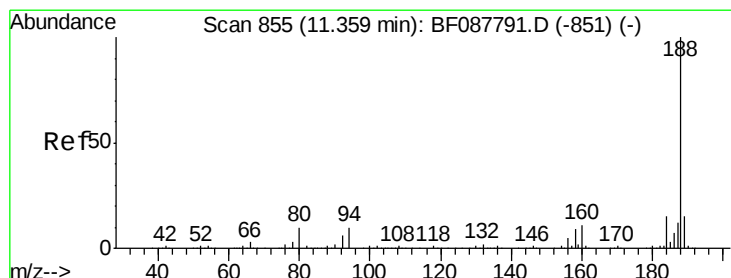
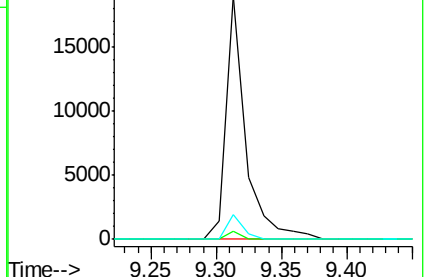
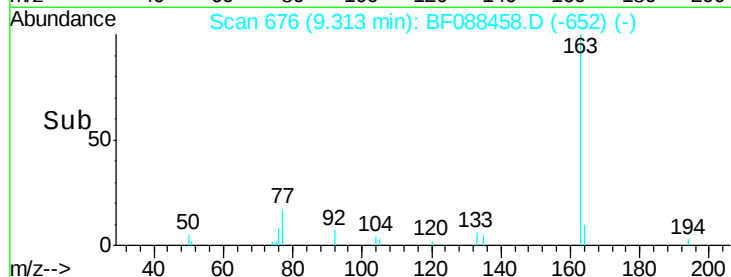
164 10.4 8.3 12.5



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: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

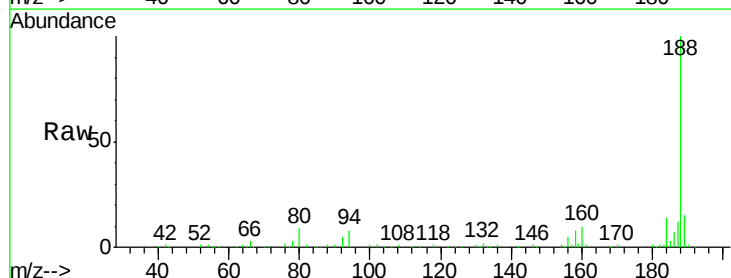
Tgt Ion:188 Resp: 218122

Ion Ratio Lower Upper

188 100

94 8.4 9.0 13.6#

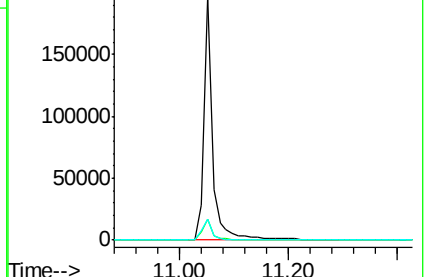
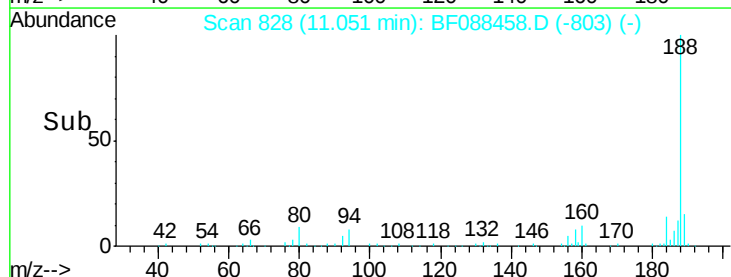
80 8.7 10.0 15.0#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

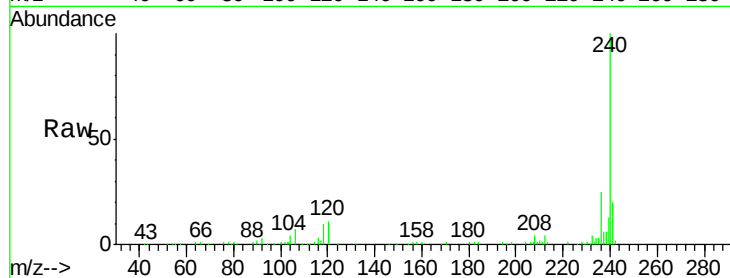
Tot Ion:240 Resp: 156302

Ion Ratio Lower Upper

240 100

120 11.2 6.8 10.2#

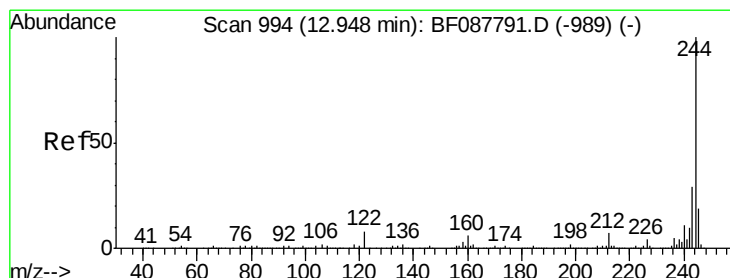
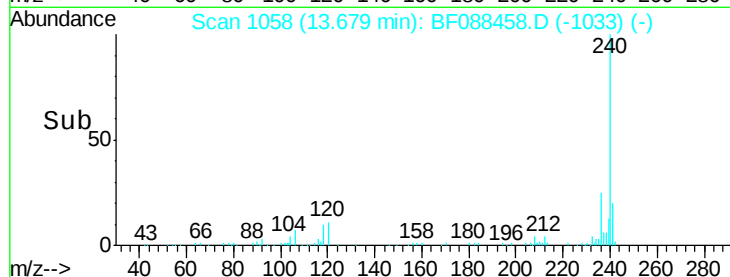
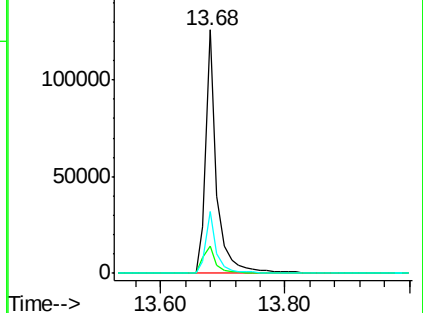
236 25.4 20.2 30.2



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: 43.29 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF088458.D

Acq: 27 Jun 2016 18:29

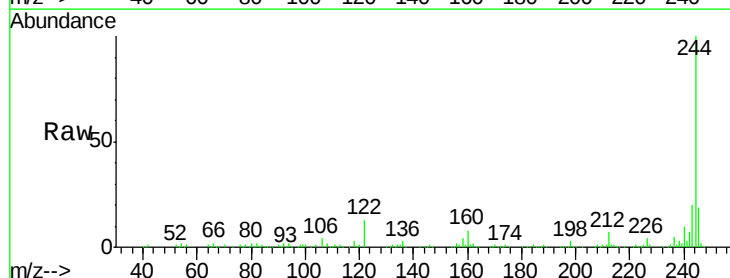
Tgt Ion:244 Resp: 297324

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

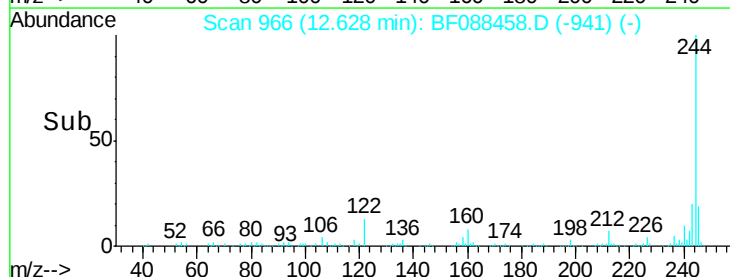
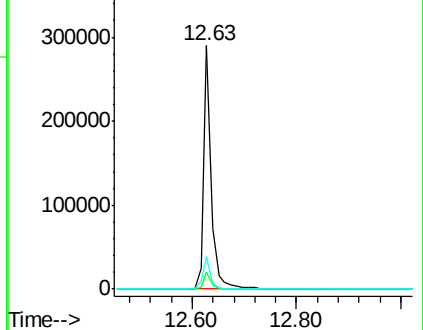
122 13.3 11.2 16.8

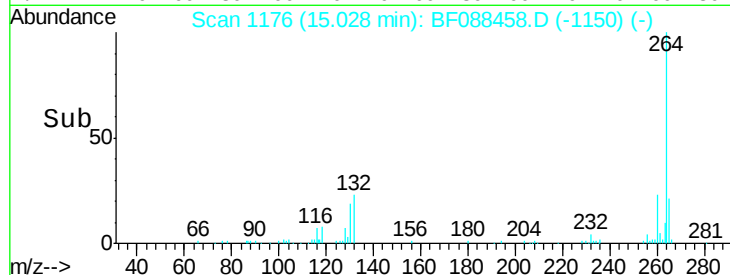
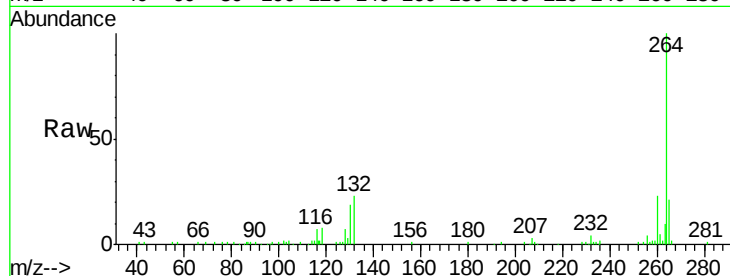
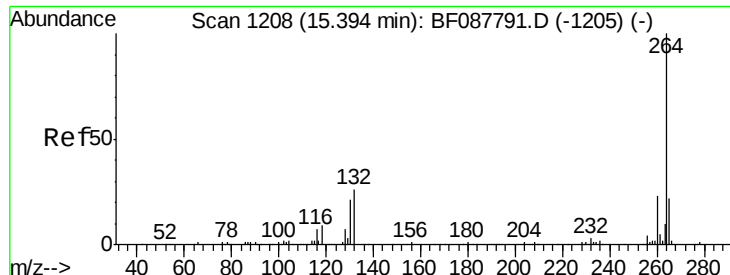


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF088458.D
 Acq: 27 Jun 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion:	264	Resp:	120316
Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.4	16.9	25.3

