

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062616\
 Data File : BF088451.D
 Acq On : 27 Jun 2016 12:51
 Operator : UM/SJ
 Sample : PB91593BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Quant Time: Jun 27 19:23:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	61476	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	255354	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	121268	20.00	ng	-0.02
63) Phenanthrene-d10	11.05	188	243338	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	202760	20.00	ng	-0.02
86) Perylene-d12	15.03	264	149216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	485791	135.09	ng	0.00
7) Phenol-d6	6.20	99	554171	127.16	ng	-0.03
23) Nitrobenzene-d5	7.11	82	347857	79.55	ng	-0.03
41) 2,4,6-Tribromophenol	10.36	330	68418	53.43	ng	-0.01
44) 2-Fluorobiphenyl	8.90	172	688931	89.54	ng	-0.02
78) Terphenyl-d14	12.63	244	695690	78.08	ng	-0.01

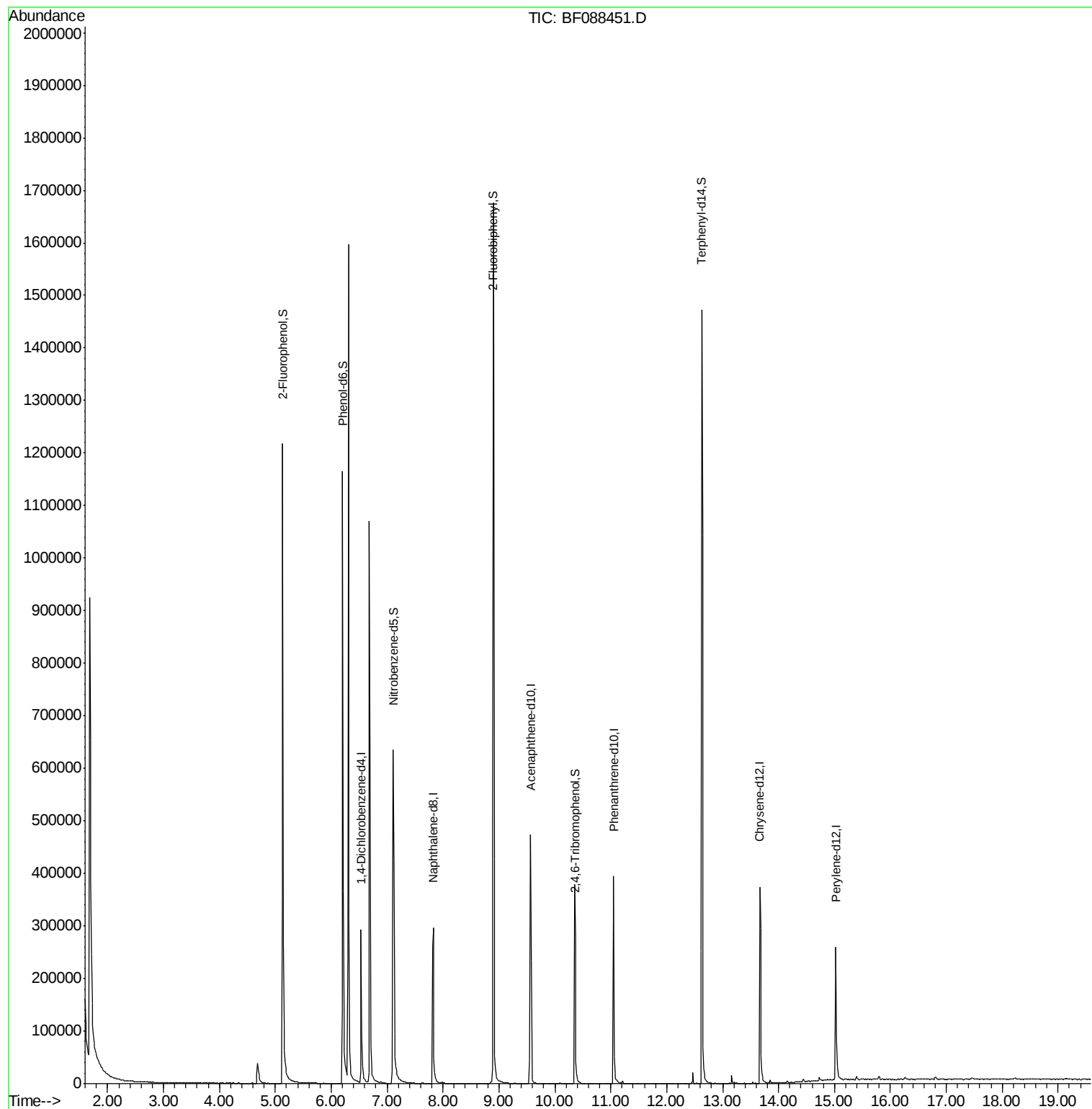
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB91593BL

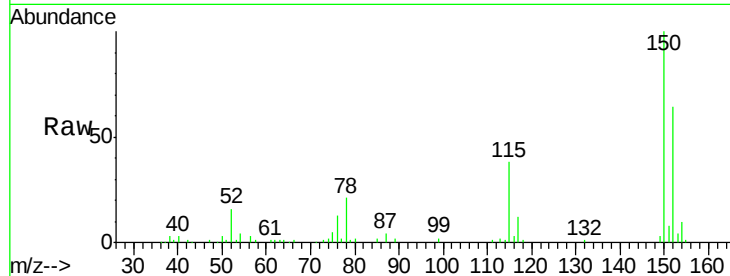
Tgt Ion:152 Resp: 61476

Ion Ratio Lower Upper

152 100

150 155.7 123.8 185.6

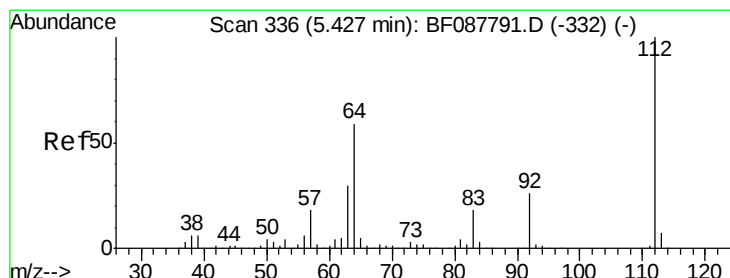
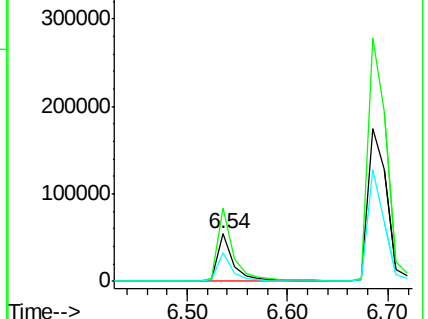
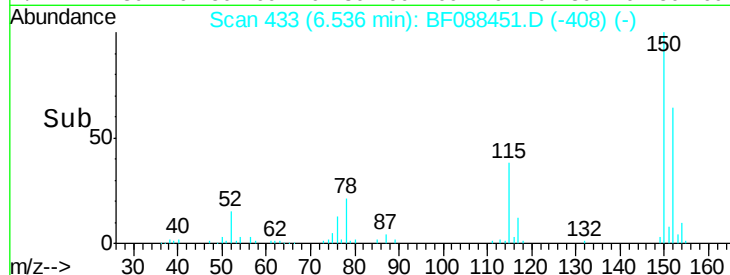
115 59.3 39.6 59.4



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: 135.09 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.00 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

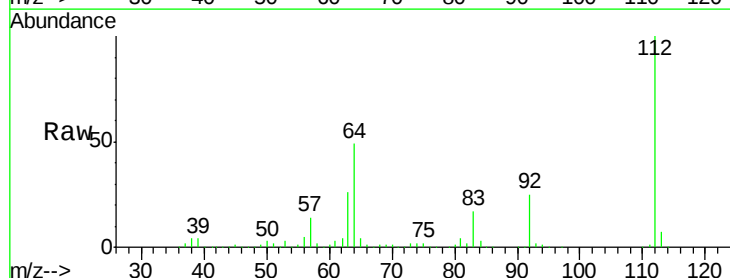
Tgt Ion:112 Resp: 485791

Ion Ratio Lower Upper

112 100

64 49.5 42.2 63.2

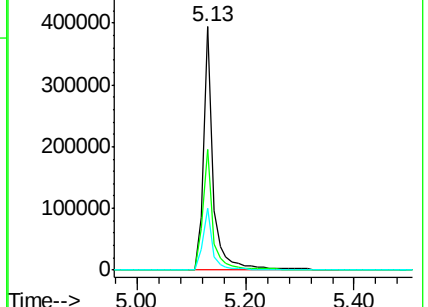
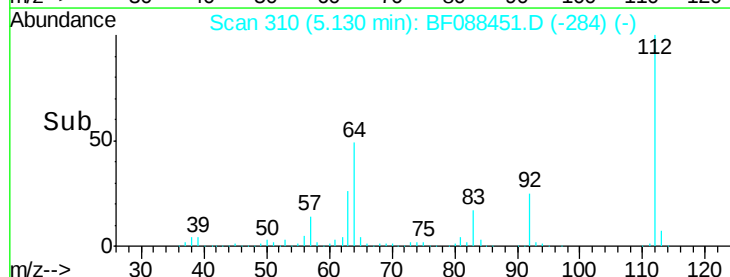
63 25.6 21.8 32.8



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: 127.16 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB91593BL

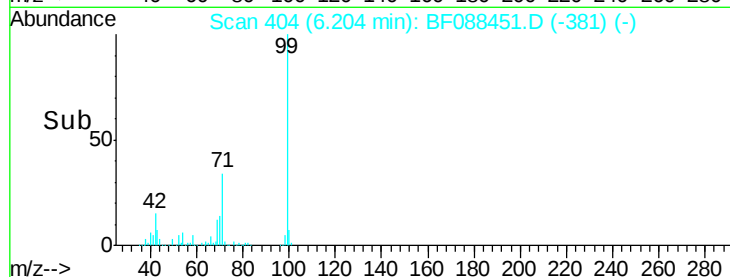
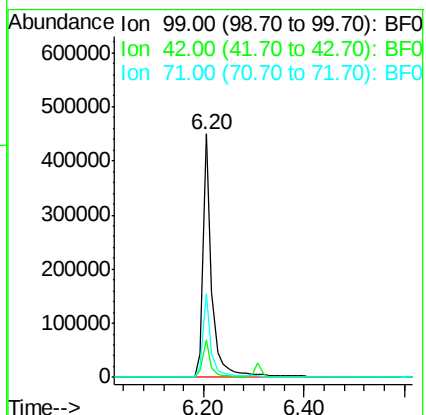
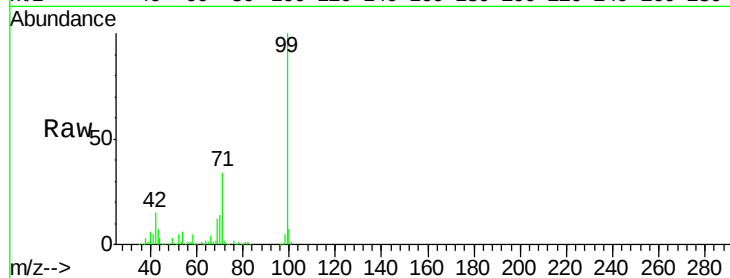
Tgt Ion: 99 Resp: 554171

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 34.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

Tgt Ion: 136 Resp: 255354

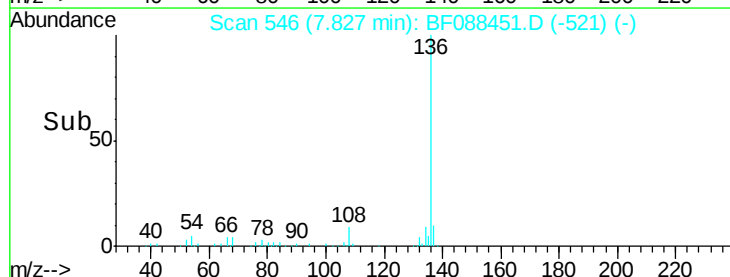
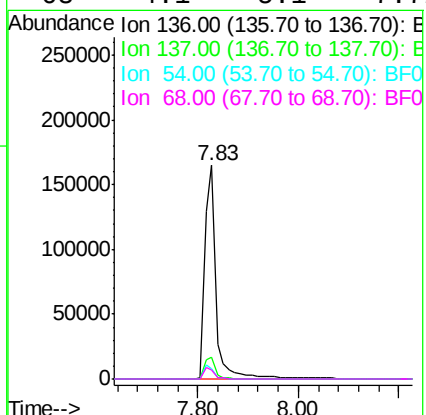
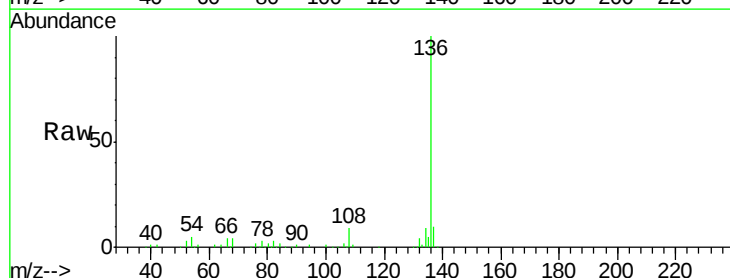
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 4.9 6.6 10.0#

68 4.1 5.1 7.7#

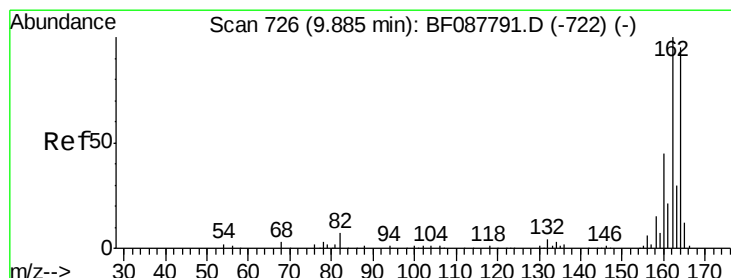
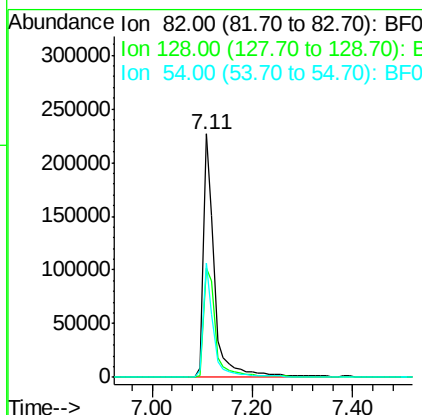
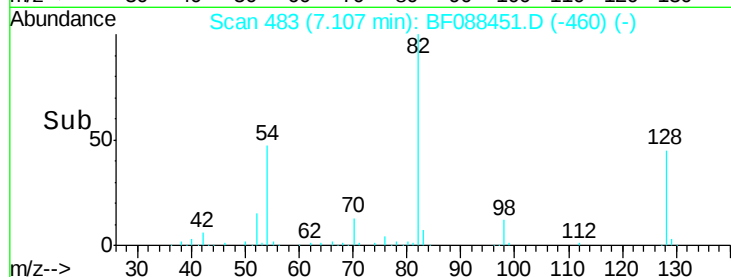
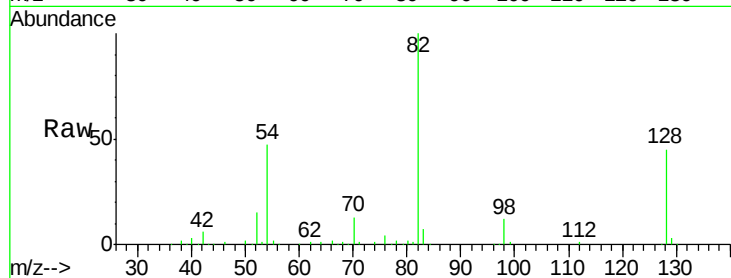




#23
 Nitrobenzene-d5
 Concen: 79.55 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF088451.D
 Acq: 27 Jun 2016 12:51

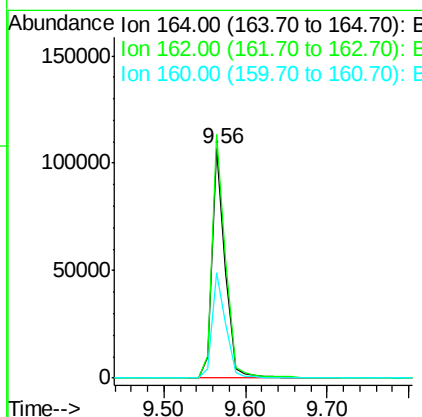
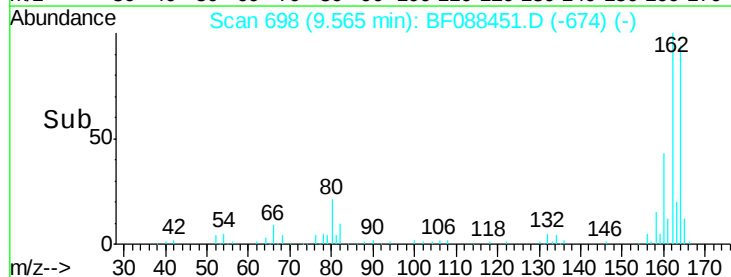
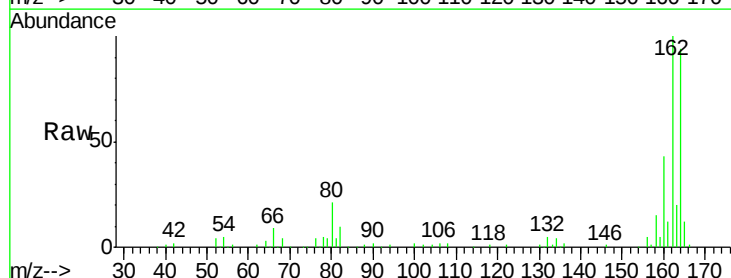
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	46.7	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: BF088451.D
 Acq: 27 Jun 2016 12:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	85.4	128.2
160	45.9	39.5	59.3

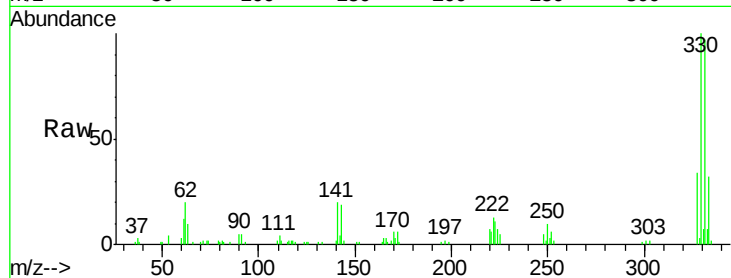




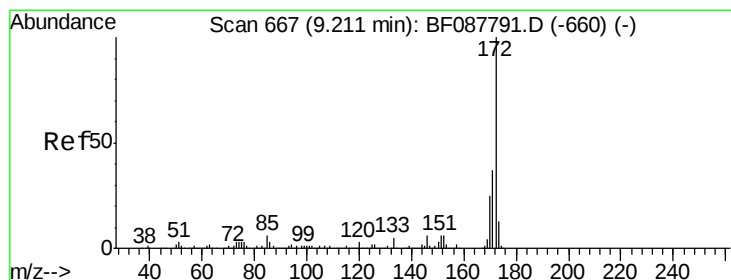
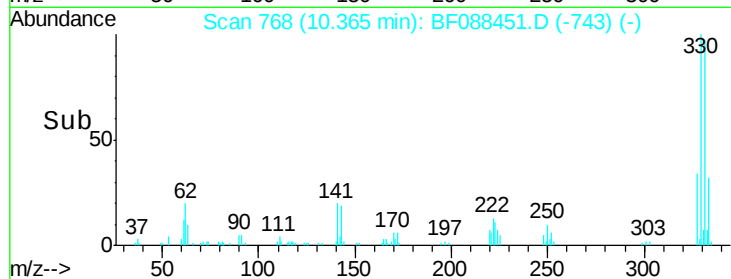
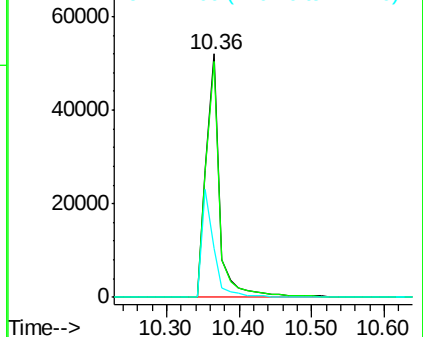
#41
 2,4,6-Tribromophenol
 Concen: 53.43 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088451.D
 Acq: 27 Jun 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion:330 Resp: 68418
 Ion Ratio Lower Upper
 330 100
 332 97.4 0.0 0.0#
 141 38.8 0.0 0.0#

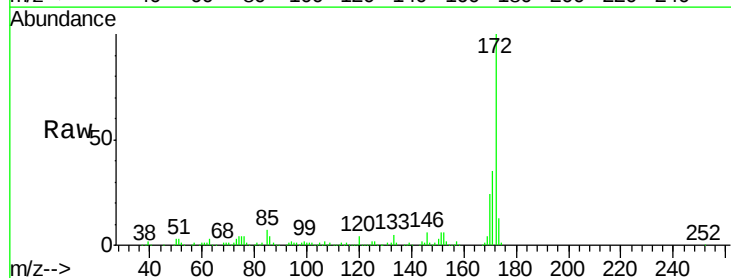


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

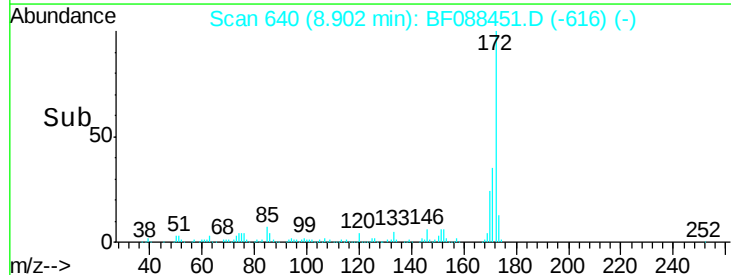
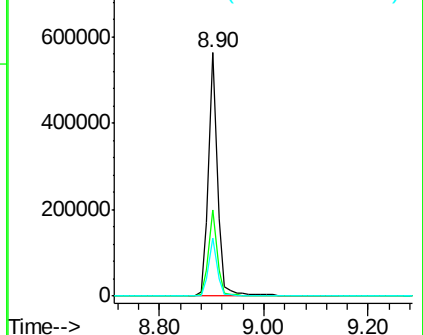


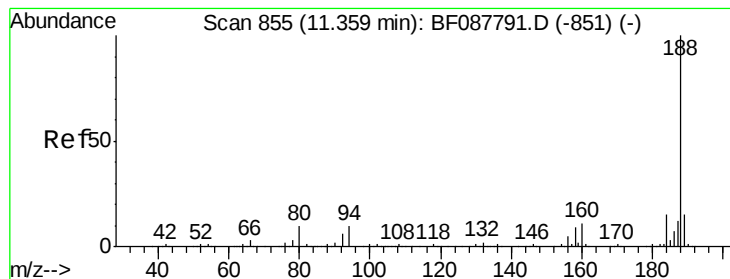
#44
 2-Fluorobiphenyl
 Concen: 89.54 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF088451.D
 Acq: 27 Jun 2016 12:51

Tgt Ion:172 Resp: 688931
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.7 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: 11.05 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

Instrument :

BNA_F

ClientSampleId :

PB91593BL

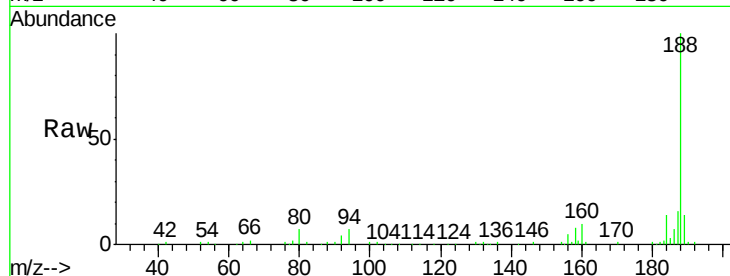
Tgt Ion:188 Resp: 243338

Ion Ratio Lower Upper

188 100

94 7.2 9.0 13.6#

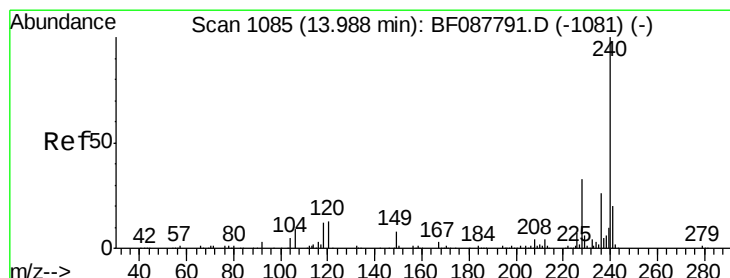
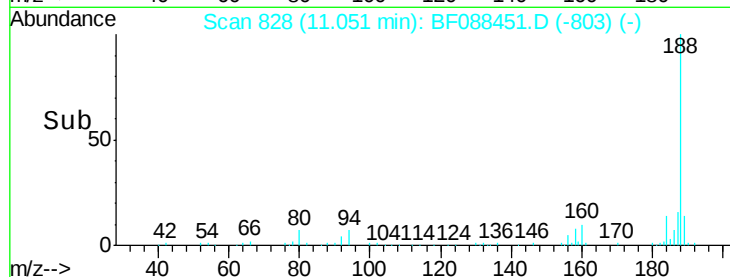
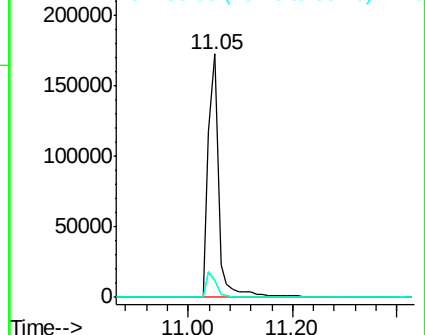
80 7.1 10.0 15.0#



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: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF088451.D

Acq: 27 Jun 2016 12:51

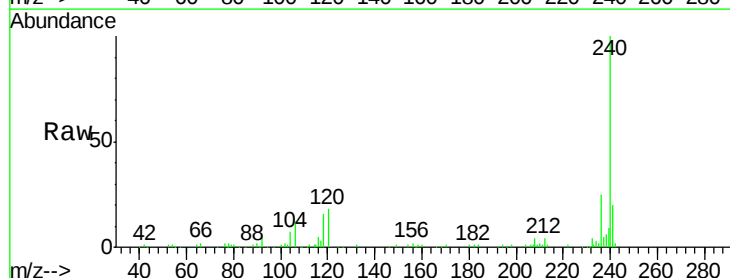
Tgt Ion:240 Resp: 202760

Ion Ratio Lower Upper

240 100

120 17.6 6.8 10.2#

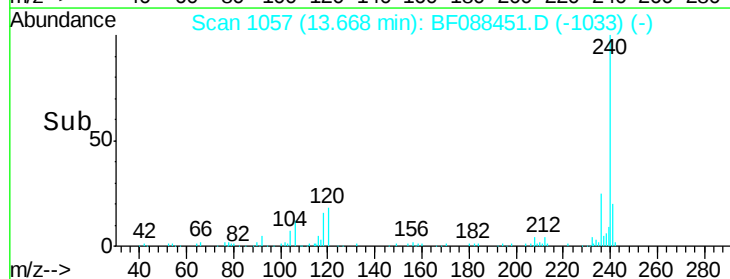
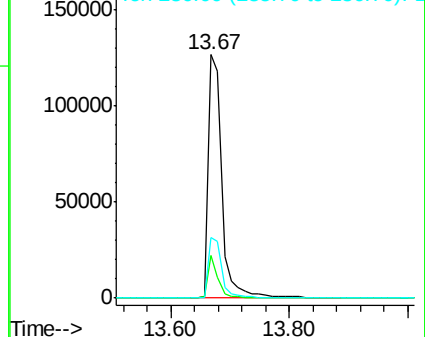
236 25.1 20.2 30.2

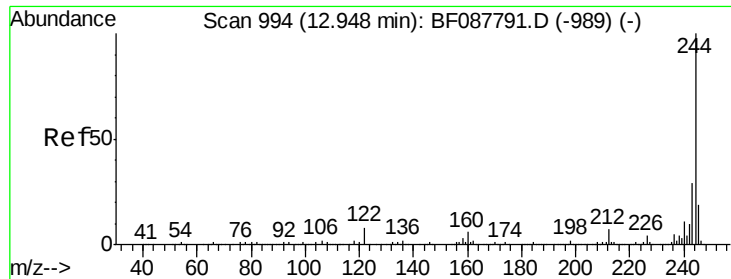


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

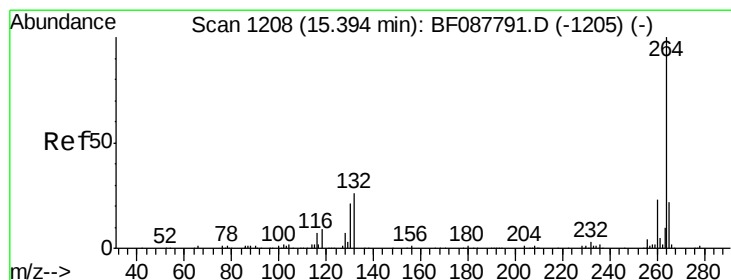
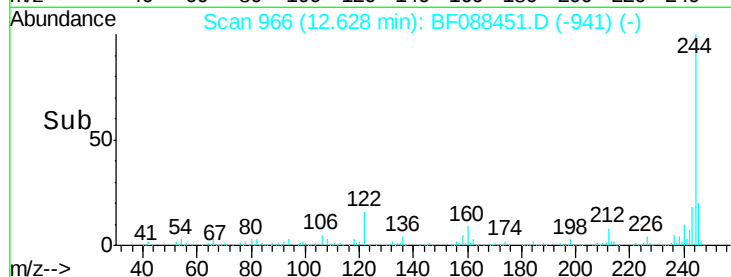
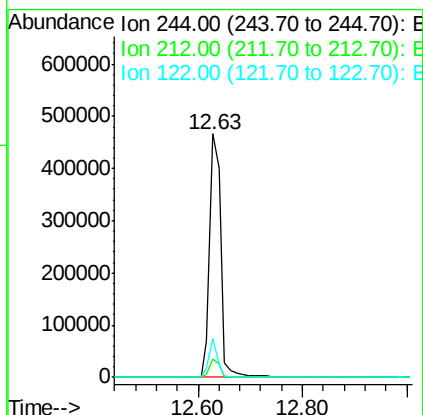
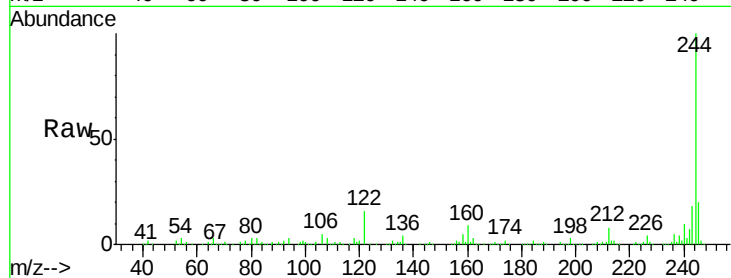




#78
 Terphenyl-d14
 Concen: 78.08 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088451.D
 Acq: 27 Jun 2016 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion:244 Resp: 695690
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 15.8 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF088451.D
 Acq: 27 Jun 2016 12:51

Tgt Ion:264 Resp: 149216
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.5 16.9 25.3

