

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088299.D
 Acq On : 23 Jun 2016 20:15
 Operator : UM/SJ
 Sample : H3084-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW003-160512

Quant Time: Jun 24 01:36:39 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

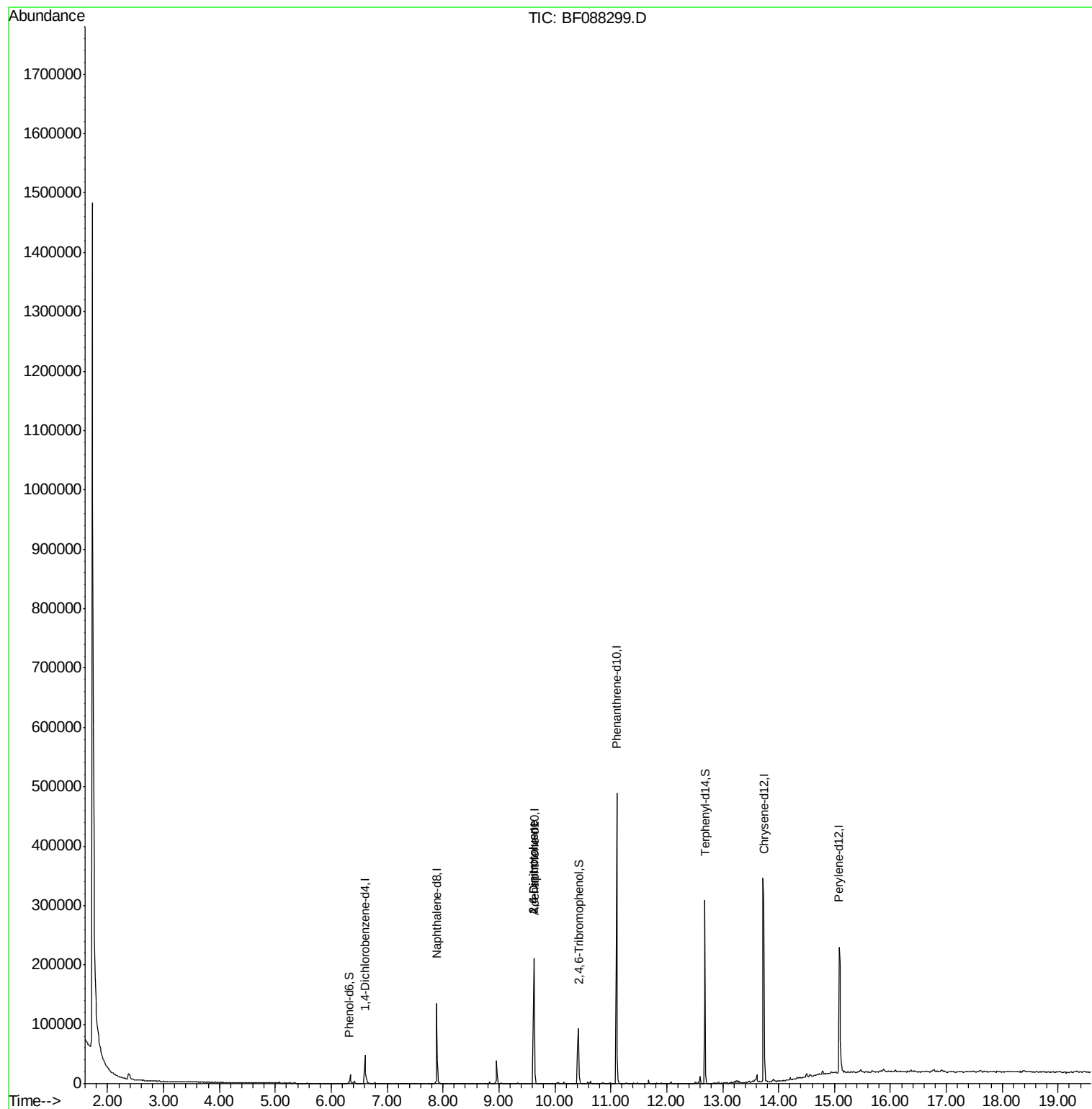
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	15746	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	77729	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	66922	5.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	208795	5.00	ng	-0.01
75) Chrysene-d12	13.74	240	175770	5.00	ng	-0.01
86) Perylene-d12	15.09	264	118386	5.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.32	99	4735	1.06	ng	0.06
23) Nitrobenzene-d5	7.23	82	434	0.08	ng	0.06
41) 2,4,6-Tribromophenol	10.42	330	16102	5.70	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	17035	-0.41	ng	-0.01
78) Terphenyl-d14	12.69	244	113822	3.68	ng	-0.01
Target Compounds						
57) Fluorene	10.41	166	710	Below Cal		Qvalue # 95

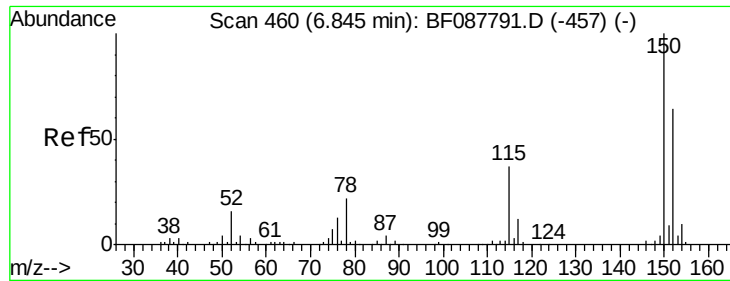
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF088299.D

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BNA_F

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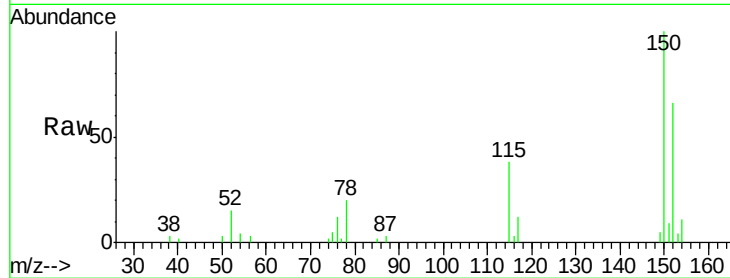
Tgt Ion:152 Resp: 15746

Ion Ratio Lower Upper

152 100

150 152.1 123.8 185.6

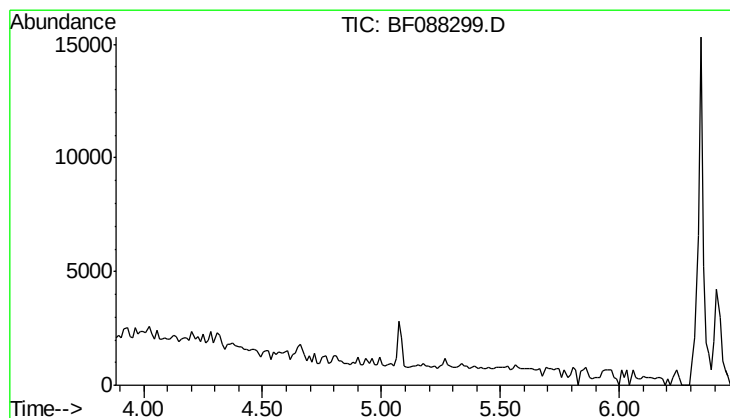
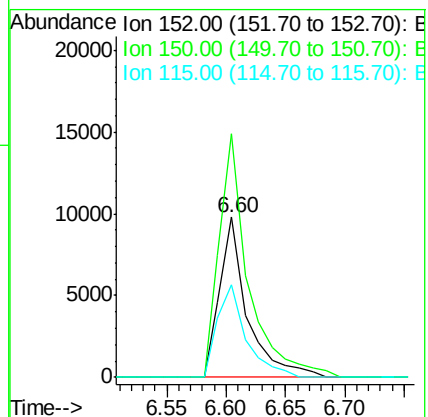
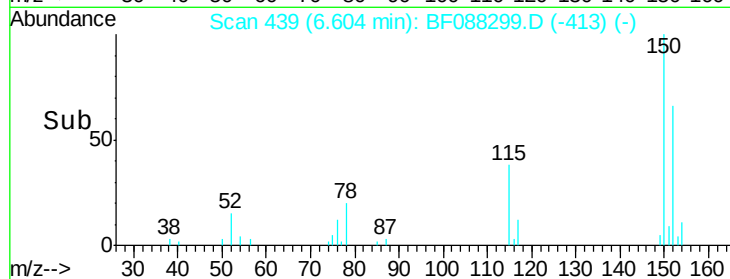
115 58.0 39.6 59.4



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: 0.00 ng

Expected RT: 5.18 min

Lab File: BF088299.D

Acq: 23 Jun 2016 20:15

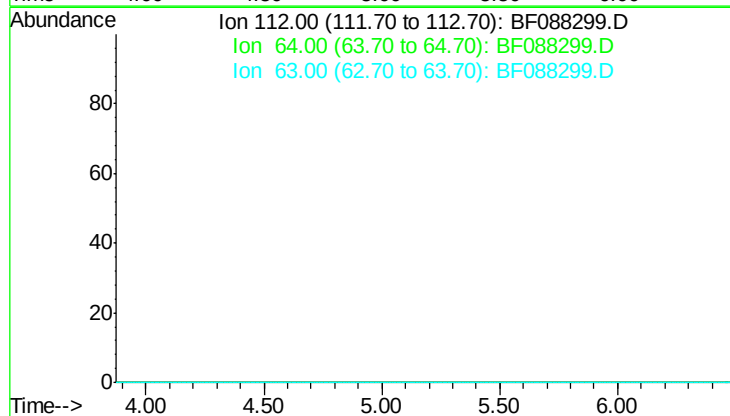
Tgt Ion: 112

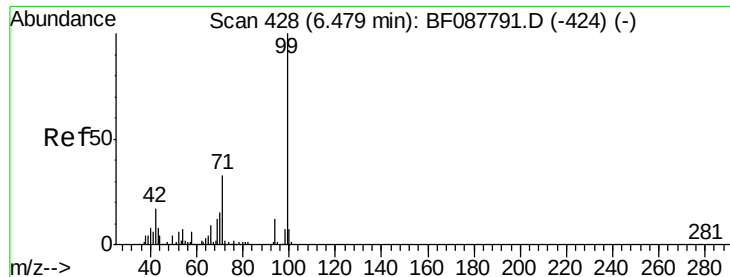
Sig Exp Ratio

112 100

64 52.7

63 27.3





#7

Phenol-d6

Concen: 1.06 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.06 min

Lab File: BF088299.D

Acq: 23 Jun 2016 20:15

Instrument :

BNA_F

ClientSampleId :

LF017MW003-160512

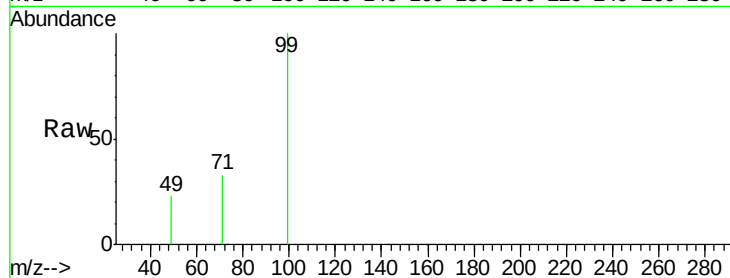
Tgt Ion: 99 Resp: 4735

Ion Ratio Lower Upper

99 100

42 0.0 12.2 18.2#

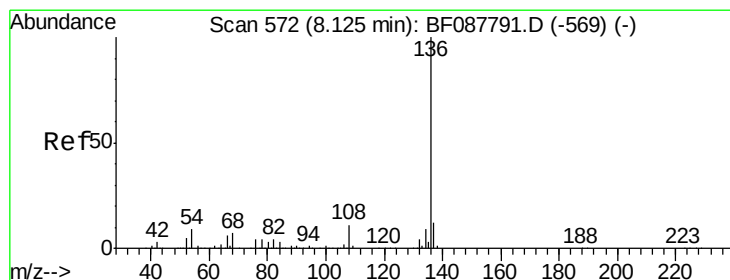
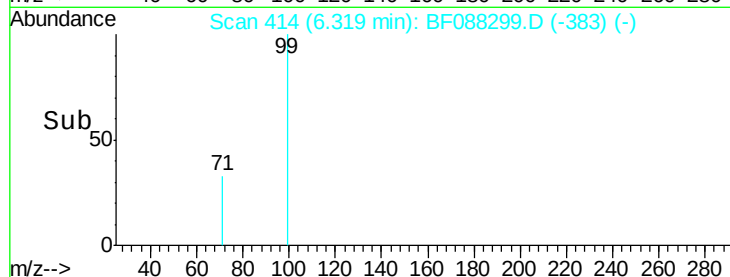
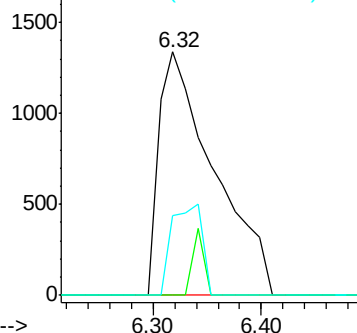
71 32.9 23.4 35.0



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: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088299.D

Acq: 23 Jun 2016 20:15

Tgt Ion: 136 Resp: 77729

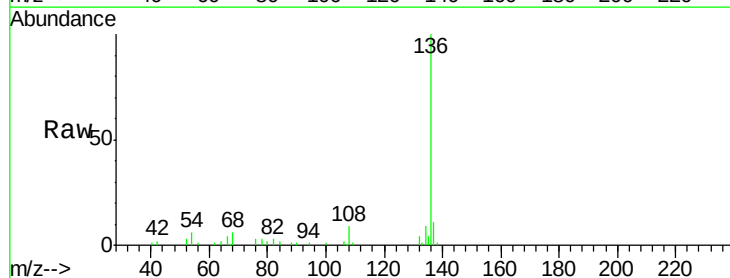
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.0 6.6 10.0#

68 5.6 5.1 7.7

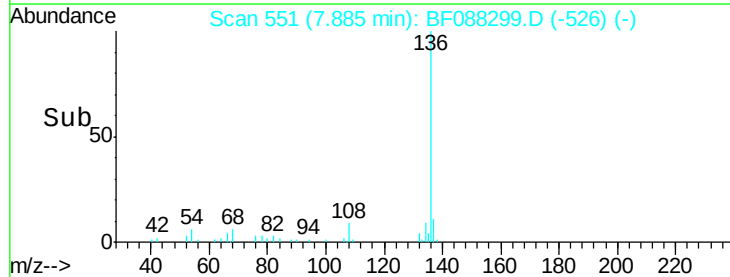
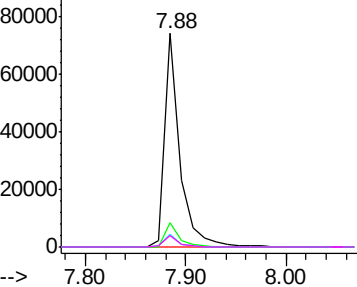


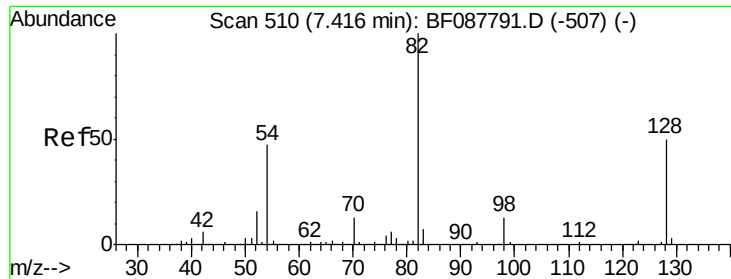
Abundance Ion 136.00 (135.70 to 136.70): E

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

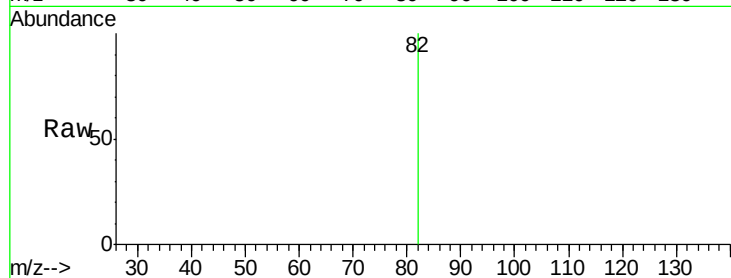




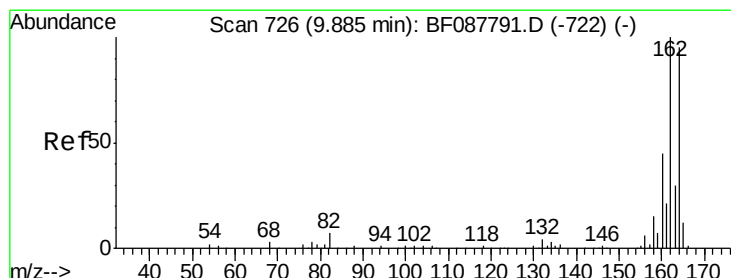
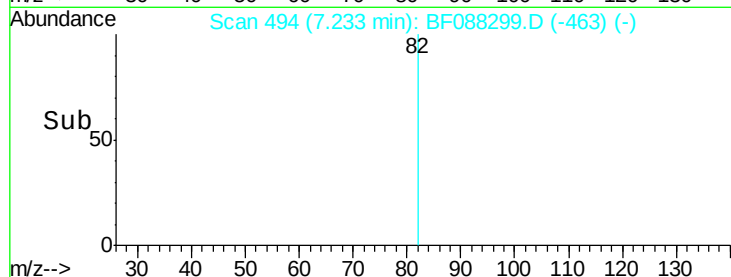
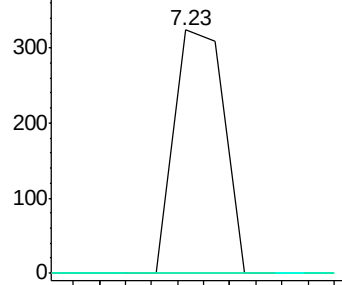
#23
 Nitrobenzene-d5
 Concen: 0.08 ng
 RT: 7.23 min Scan# 494
 Delta R.T. 0.06 min
 Lab File: BF088299.D
 Acq: 23 Jun 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW003-160512

Tgt Ion: 82 Resp: 434
 Ion Ratio Lower Upper
 82 100
 128 0.0 35.9 53.9#
 54 0.0 40.9 61.3#

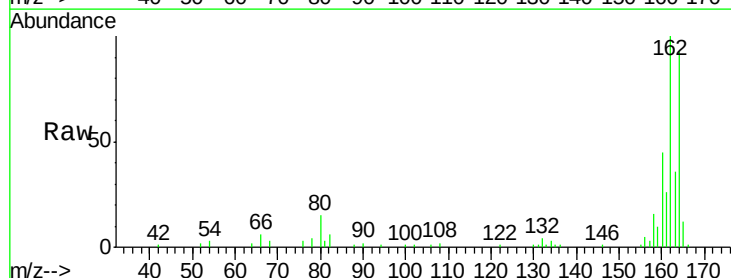


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

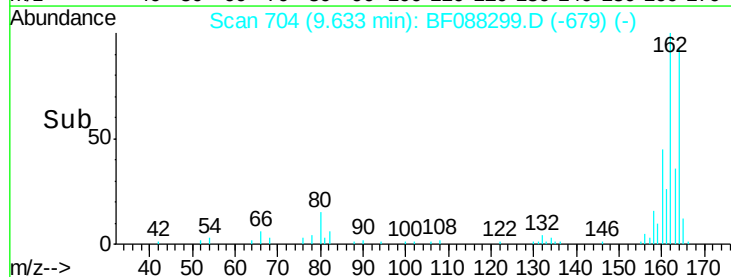
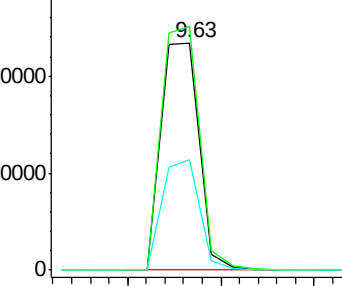


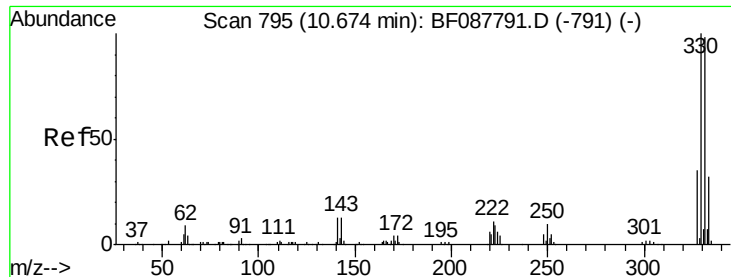
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088299.D
 Acq: 23 Jun 2016 20:15

Tgt Ion: 164 Resp: 66922
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.5 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

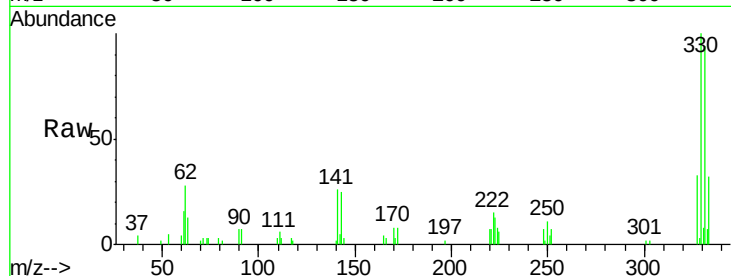




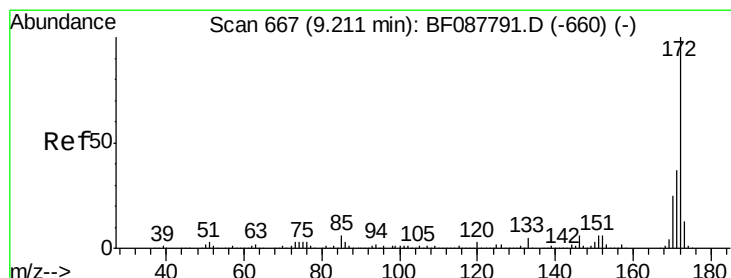
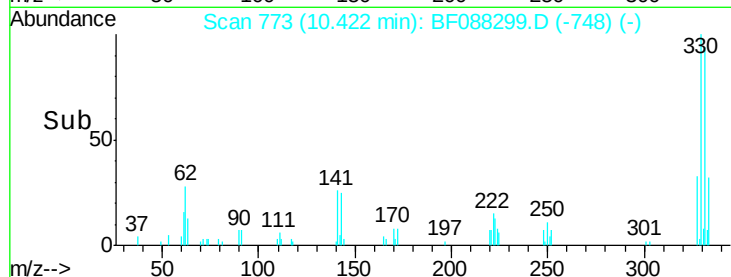
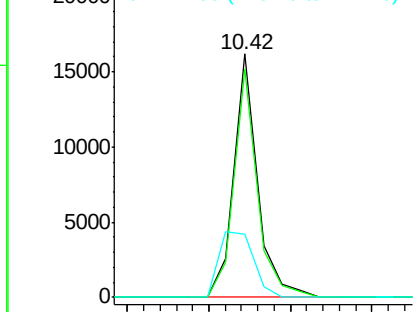
#41
 2,4,6-Tribromophenol
 Concen: 5.70 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088299.D
 Acq: 23 Jun 2016 20:15

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW003-160512

Tgt Ion:330 Resp: 16102
 Ion Ratio Lower Upper
 330 100
 332 92.7 0.0 0.0#
 141 39.7 0.0 0.0#

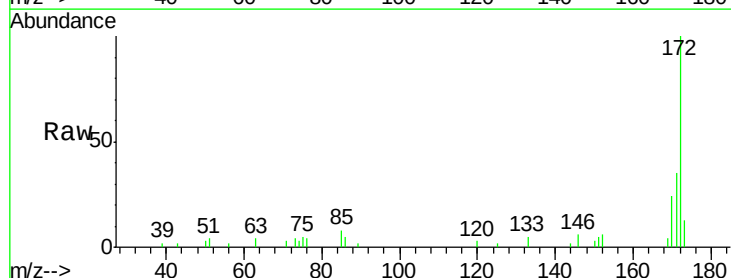


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

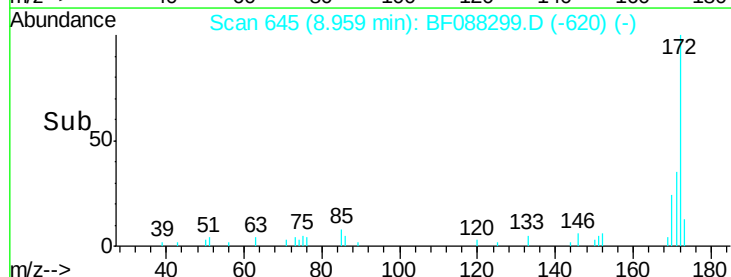
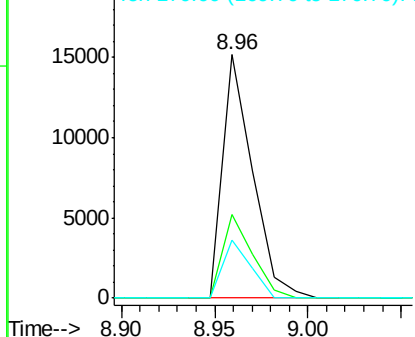


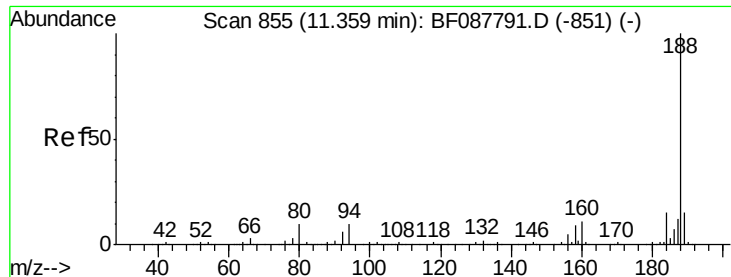
#44
 2-Fluorobiphenyl
 Concen: -0.41 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088299.D
 Acq: 23 Jun 2016 20:15

Tgt Ion:172 Resp: 17035
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 23.8 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

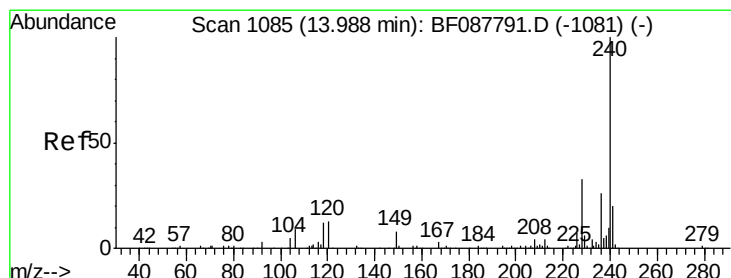
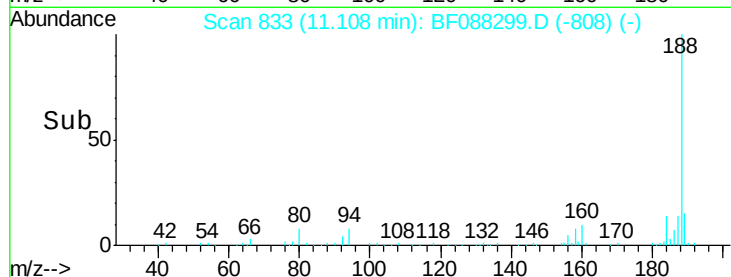
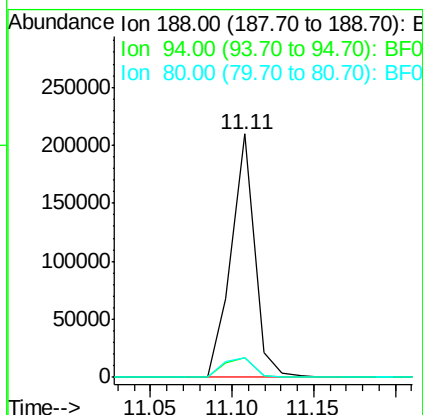
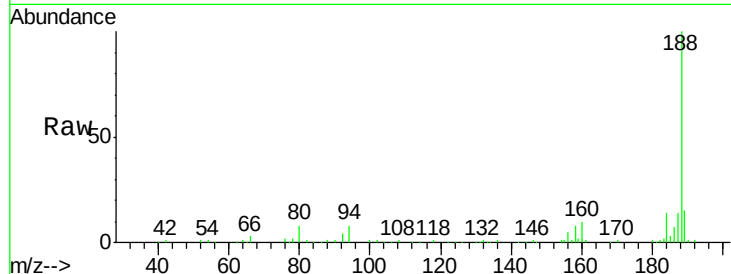




#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088299.D
Acq: 23 Jun 2016 20:15

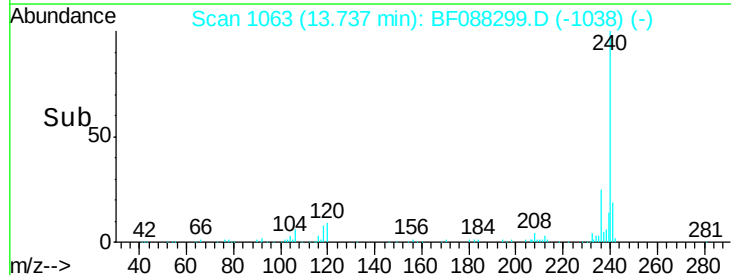
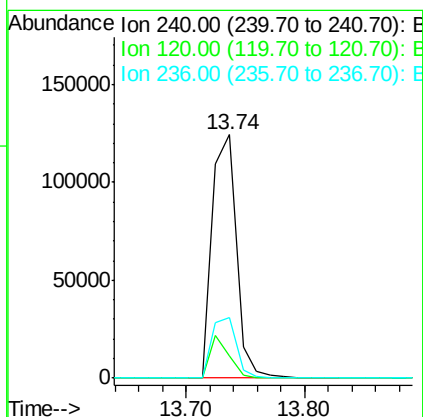
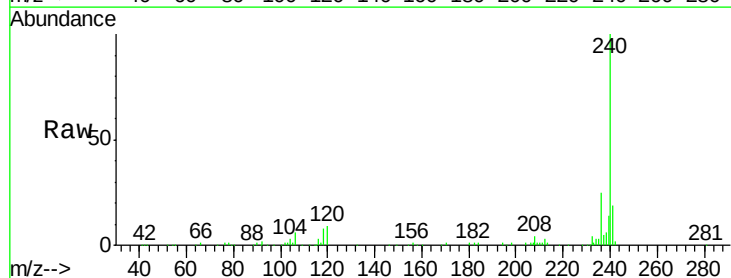
Instrument :
BNA_F
ClientSampleId :
LF017MW003-160512

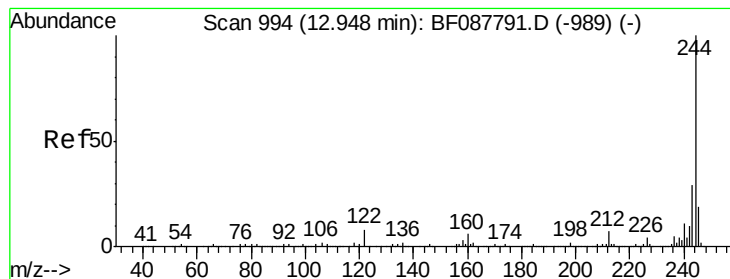
Tgt Ion:188 Resp: 208795
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 7.9 10.0 15.0#



#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF088299.D
Acq: 23 Jun 2016 20:15

Tgt Ion:240 Resp: 175770
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 25.0 20.2 30.2





#78

Terphenyl-d14

Concen: 3.68 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088299.D

Acq: 23 Jun 2016 20:15

Instrument :

BNA_F

ClientSampleId :

LF017MW003-160512

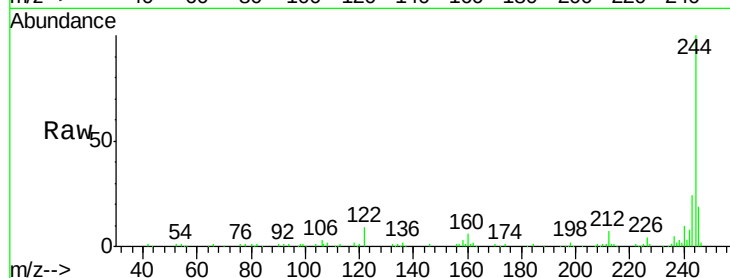
Tgt Ion:244 Resp: 113822

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

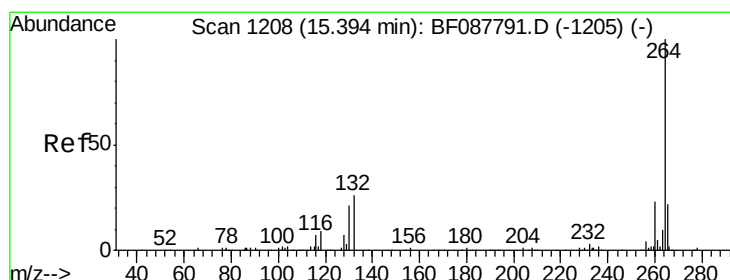
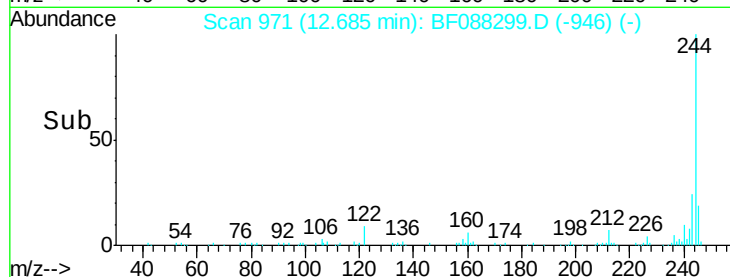
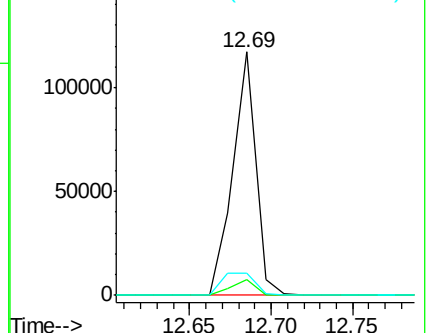
122 9.0 11.2 16.8#



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

Perylene-d12

Concen: 5.00 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF088299.D

Acq: 23 Jun 2016 20:15

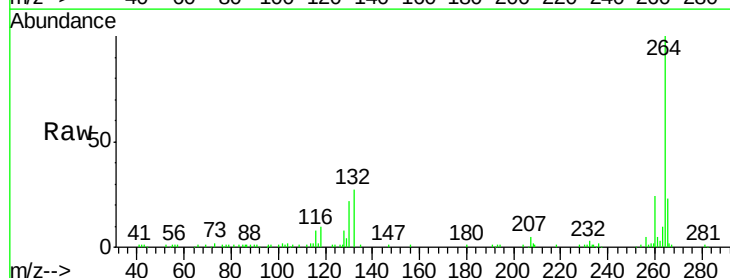
Tgt Ion:264 Resp: 118386

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

