

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088296.D
 Acq On : 23 Jun 2016 18:17
 Operator : UM/SJ
 Sample : H3084-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Quant Time: Jun 24 01:51:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

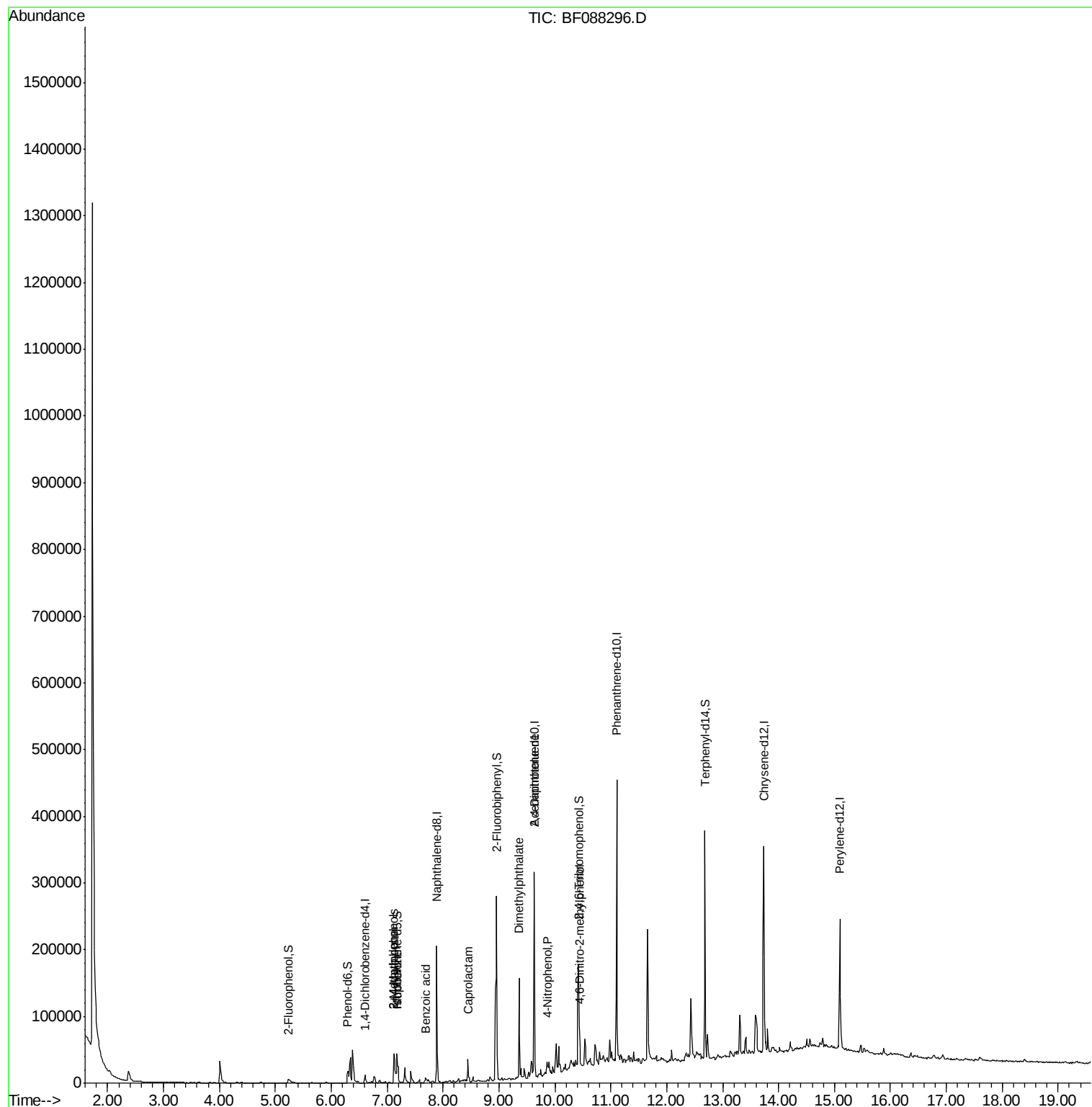
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	3629	5.00	ng	0.01
21) Naphthalene-d8	7.88	136	98772	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	81123	5.00	ng	0.00
63) Phenanthrene-d10	11.11	188	156933	5.00	ng	0.00
75) Chrysene-d12	13.74	240	115476	5.00	ng	0.00
86) Perylene-d12	15.10	264	87831	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	11295	13.30	ng	0.05
7) Phenol-d6	6.30	99	20695	20.11	ng	0.01
23) Nitrobenzene-d5	7.18	82	16214	2.40	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	22936	6.69	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	79500	2.64	ng	-0.01
78) Terphenyl-d14	12.69	244	102823	5.07	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.36	163	70195	2.99	ng	Qvalue 98

(#) = 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. 0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

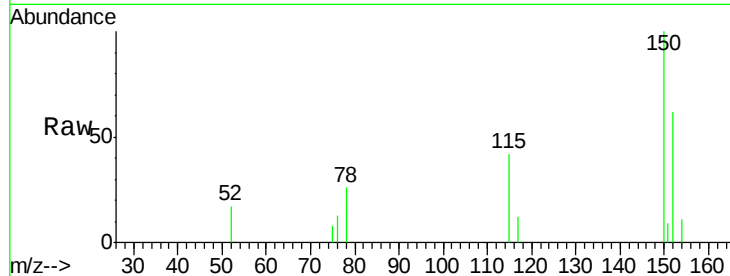
Tgt Ion:152 Resp: 3629

Ion Ratio Lower Upper

152 100

150 162.4 123.8 185.6

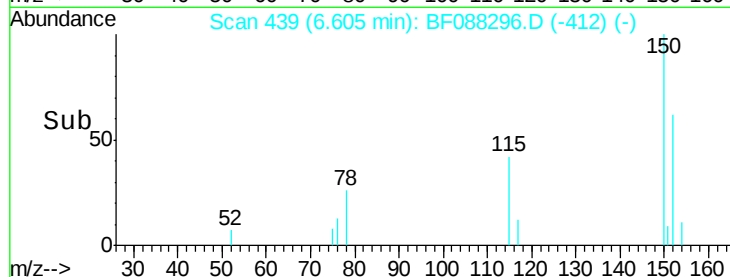
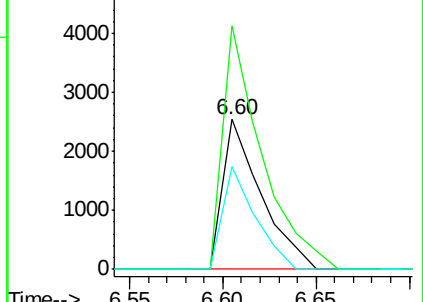
115 68.4 39.6 59.4#



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: 13.30 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.05 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

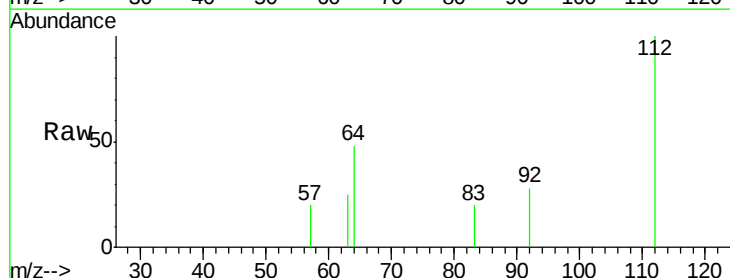
Tgt Ion:112 Resp: 11295

Ion Ratio Lower Upper

112 100

64 48.0 42.2 63.2

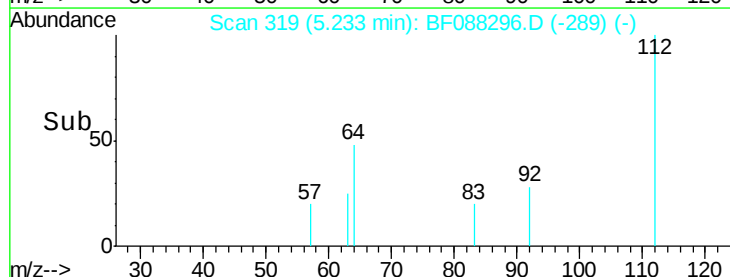
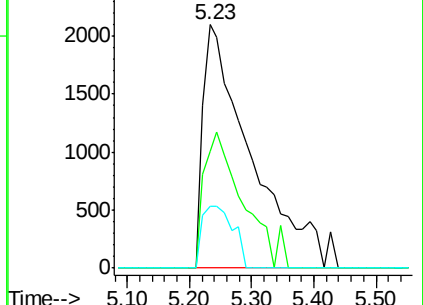
63 25.2 21.8 32.8



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: 20.11 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

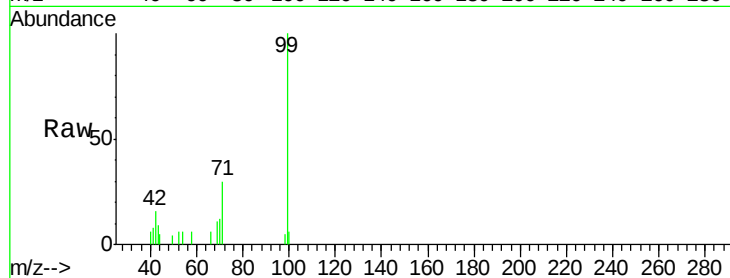
Tgt Ion: 99 Resp: 20695

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

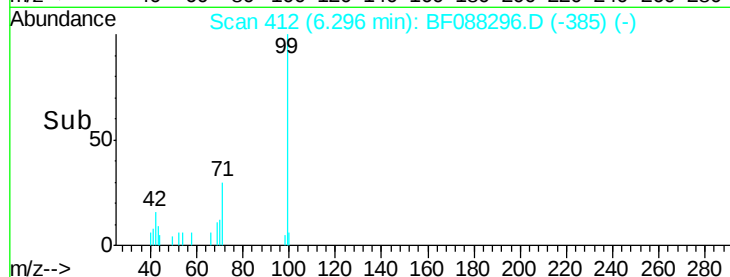
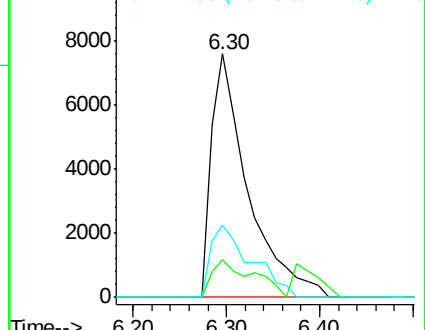
71 29.8 23.4 35.0



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. 0.00 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Tgt Ion: 136 Resp: 98772

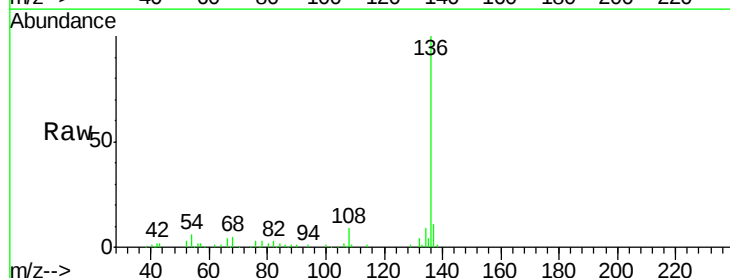
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.0 6.6 10.0#

68 5.1 5.1 7.7#

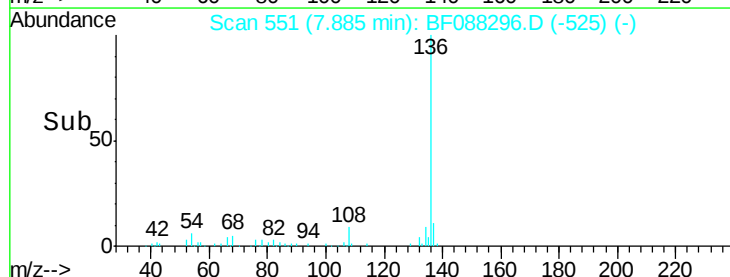
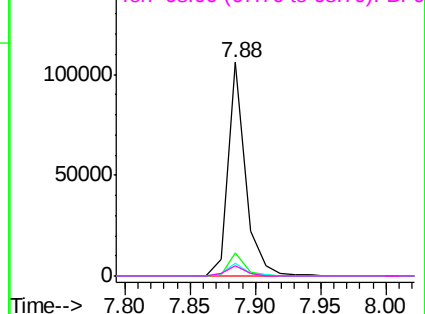


Abundance Ion 136.00 (135.70 to 136.70): E

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

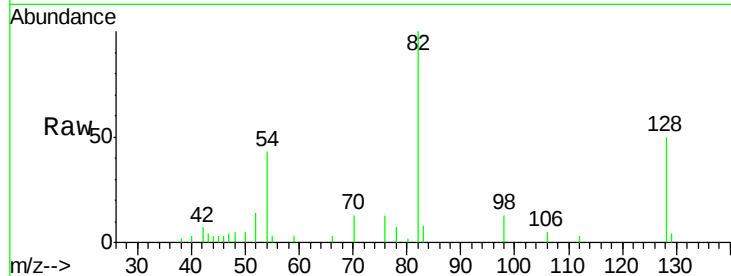




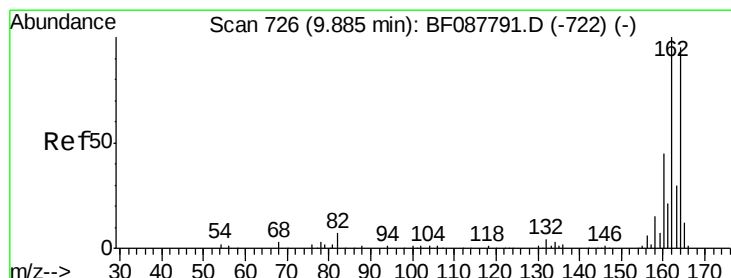
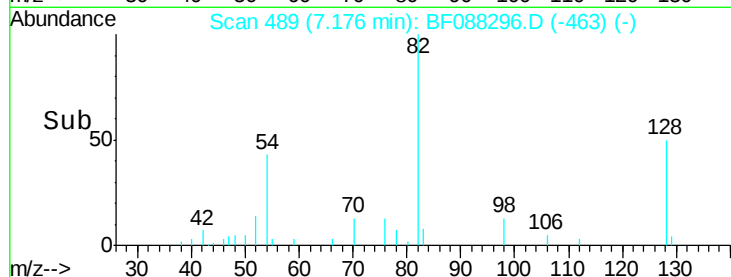
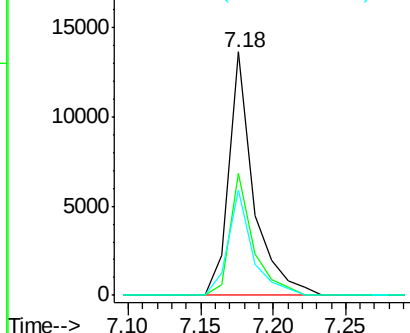
#23
 Nitrobenzene-d5
 Concen: 2.40 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Tgt Ion: 82 Resp: 16214
 Ion Ratio Lower Upper
 82 100
 128 50.3 35.9 53.9
 54 43.2 40.9 61.3

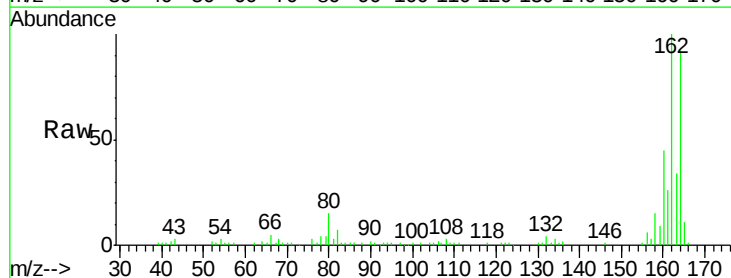


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

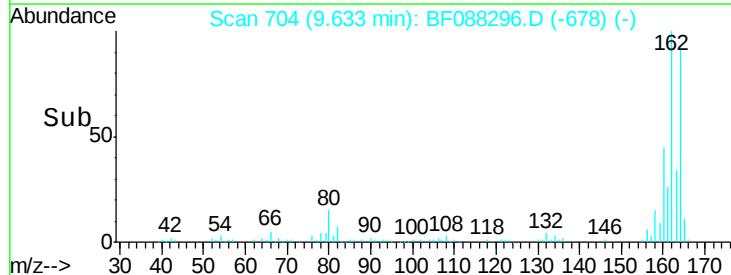
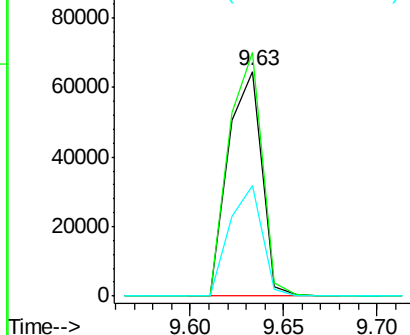


#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Tgt Ion: 164 Resp: 81123
 Ion Ratio Lower Upper
 164 100
 162 108.2 85.4 128.2
 160 49.0 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

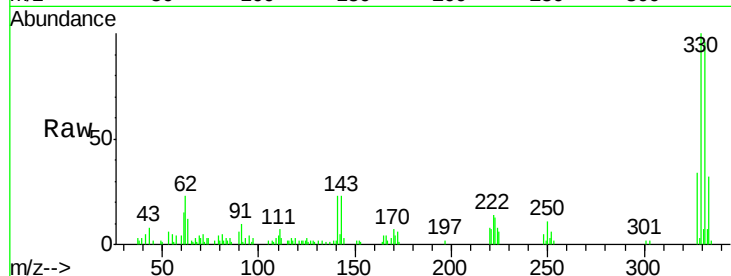




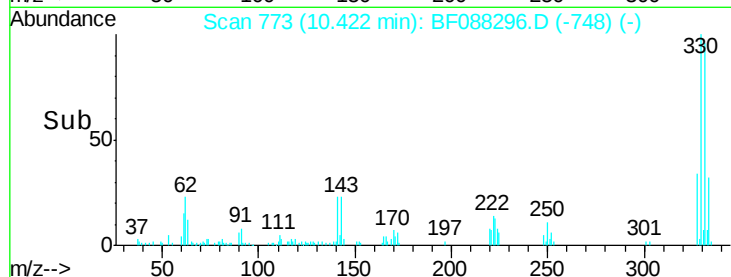
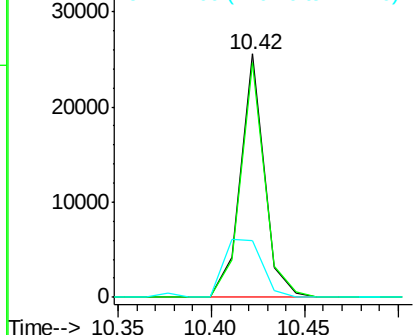
#41
 2,4,6-Tribromophenol
 Concen: 6.69 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW001-160512

Tgt Ion: 330 Resp: 22936
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 39.5 0.0 0.0#

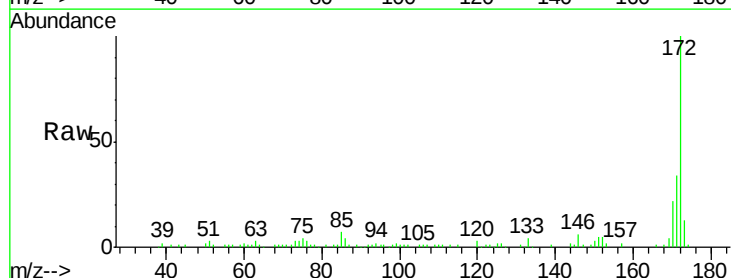


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

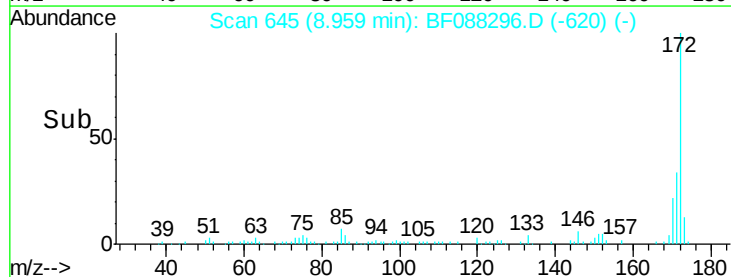
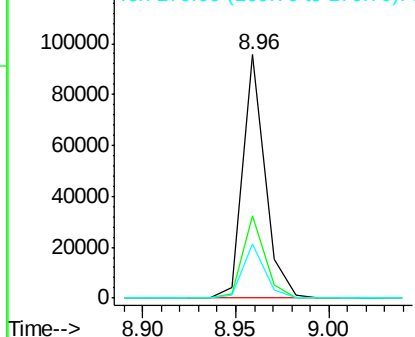


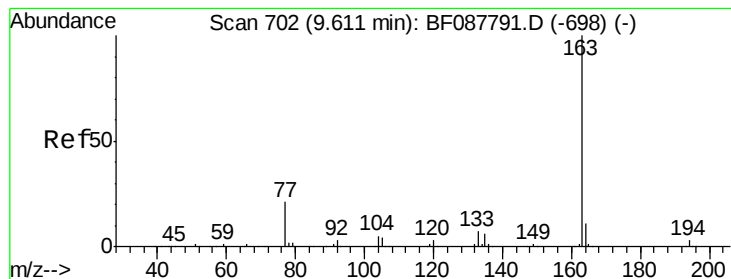
#44
 2-Fluorobiphenyl
 Concen: 2.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088296.D
 Acq: 23 Jun 2016 18:17

Tgt Ion: 172 Resp: 79500
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 43.0
 170 22.2 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: 2.99 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

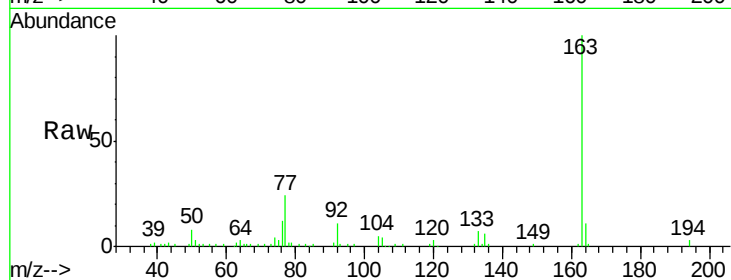
Tgt Ion:163 Resp: 70195

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

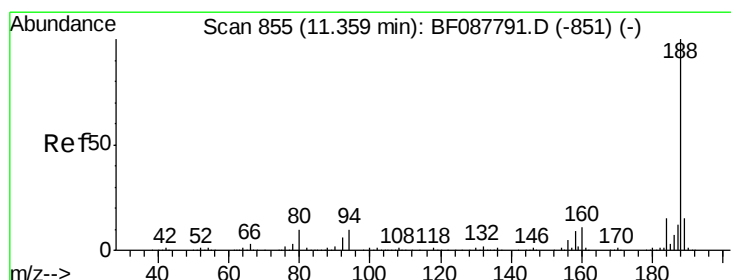
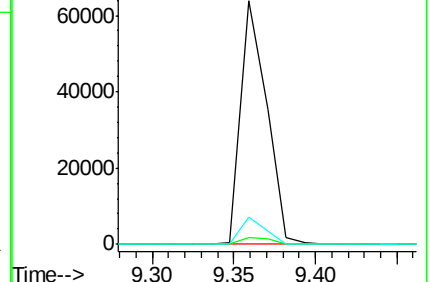
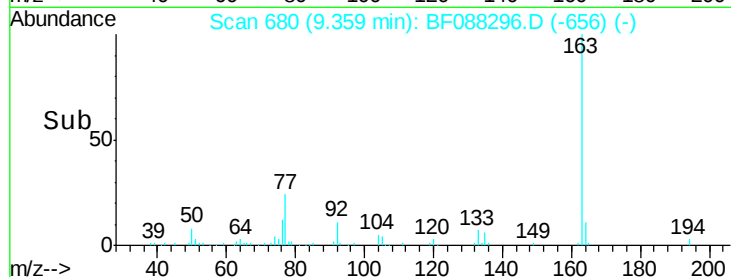
164 11.0 8.3 12.5



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: 5.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

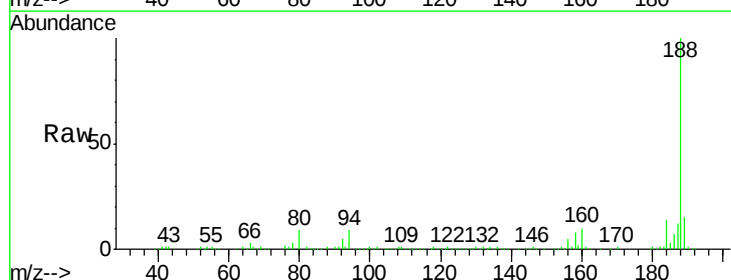
Tgt Ion:188 Resp: 156933

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.6#

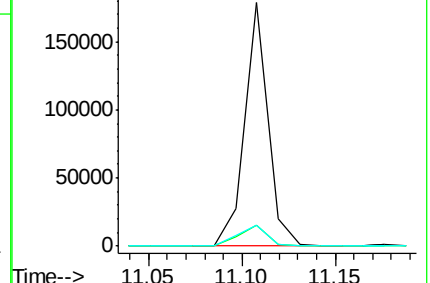
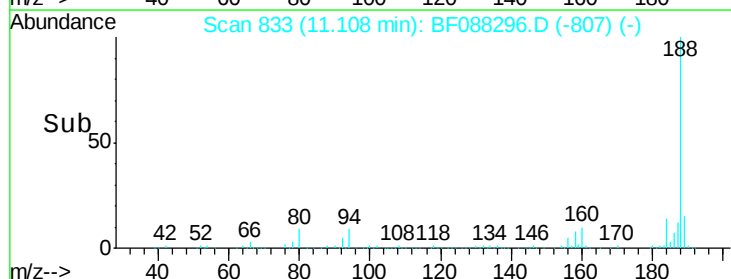
80 8.5 10.0 15.0#

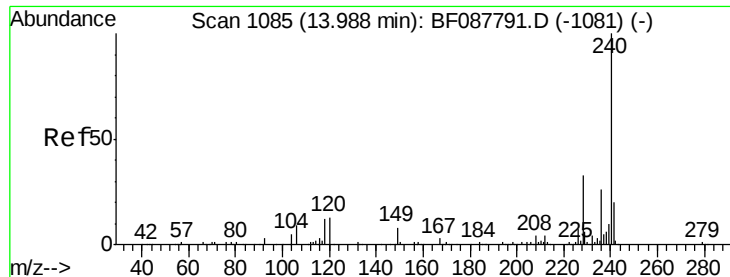


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

Instrument :

BNA_F

ClientSampleId :

LF017MW001-160512

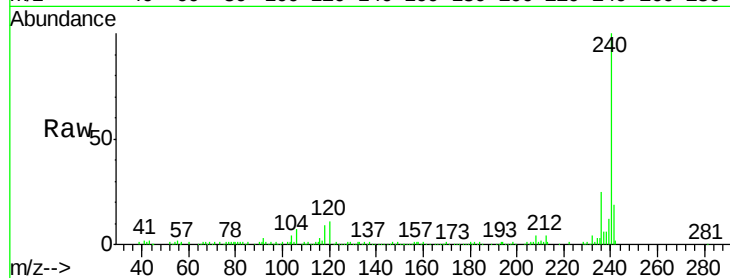
Tgt Ion:240 Resp: 115476

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

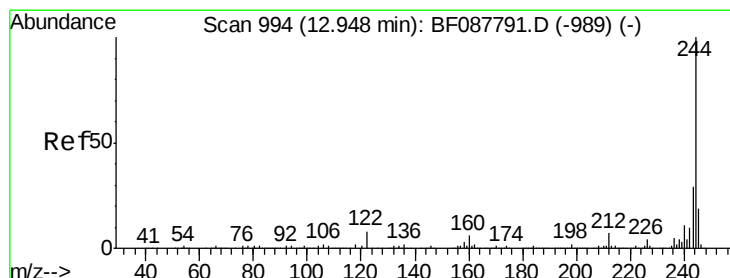
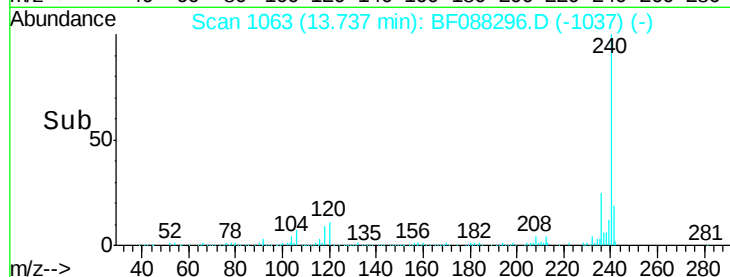
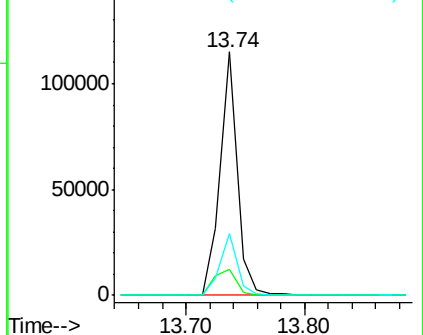
236 25.3 20.2 30.2



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: 5.07 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088296.D

Acq: 23 Jun 2016 18:17

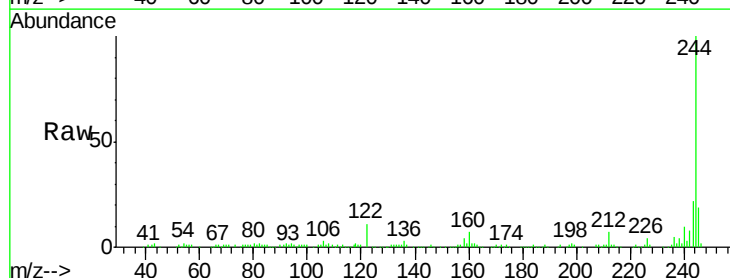
Tgt Ion:244 Resp: 102823

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

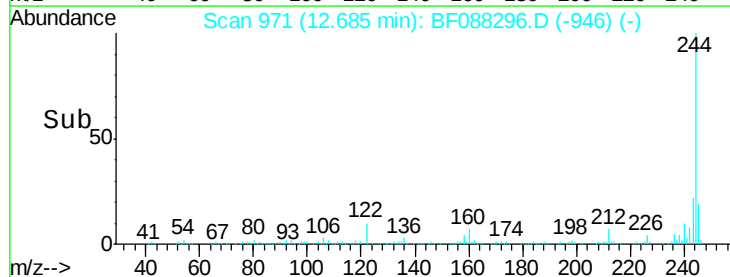
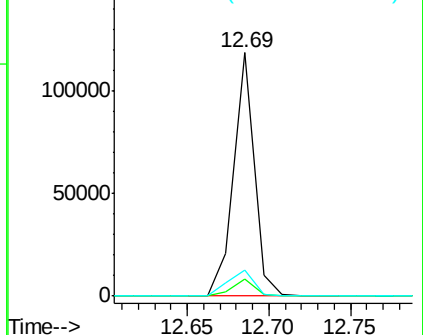
122 10.7 11.2 16.8#

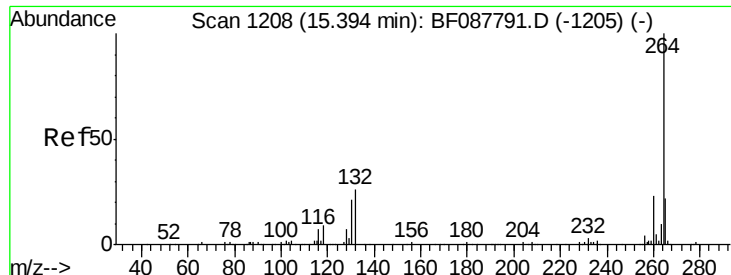


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

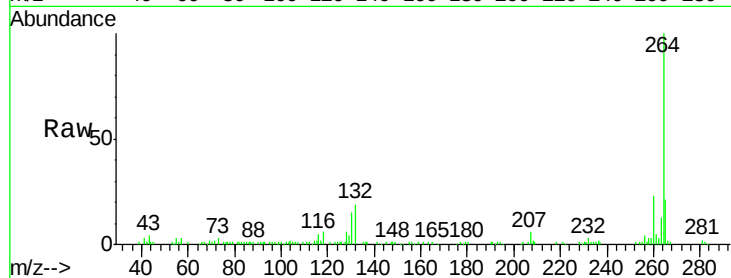




#86
Perylene-d12
Concen: 5.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF088296.D
Acq: 23 Jun 2016 18:17

Instrument :
BNA_F
ClientSampleId :
LF017MW001-160512

Tgt Ion: 264 Resp: 87831
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.5 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

