

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087412.D
 Acq On : 26 May 2016 17:14
 Operator : UM/SJ
 Sample : H3137-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESRE

Quant Time: May 26 17:53:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

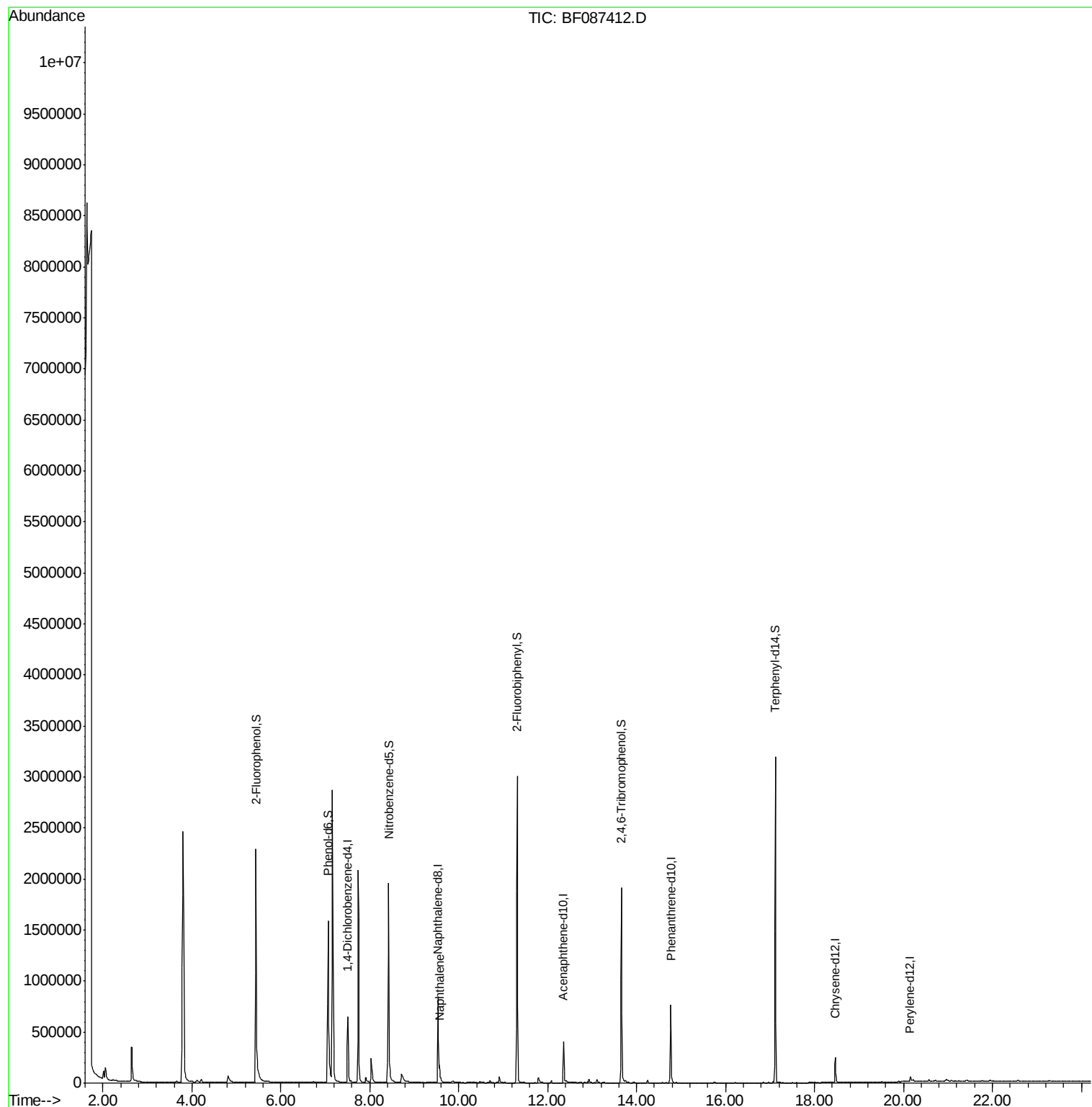
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	125377	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	499451	20.00	ng	-0.02
38) Acenaphthene-d10	12.35	164	122402	20.00	ng	-0.03
63) Phenanthrene-d10	14.77	188	371054	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	74552	20.00	ng	-0.02
86) Perylene-d12	20.15	264	2784	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	862372	120.86	ng	0.02
7) Phenol-d6	7.06	99	713573	74.01	ng	-0.01
23) Nitrobenzene-d5	8.42	82	863821	87.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	285096	242.38	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1360408	156.69	ng	-0.02
78) Terphenyl-d14	17.12	244	939963	268.05	ng	-0.01
Target Compounds						
31) Naphthalene	9.56	128	117519	4.70	ng	Qvalue 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESRE

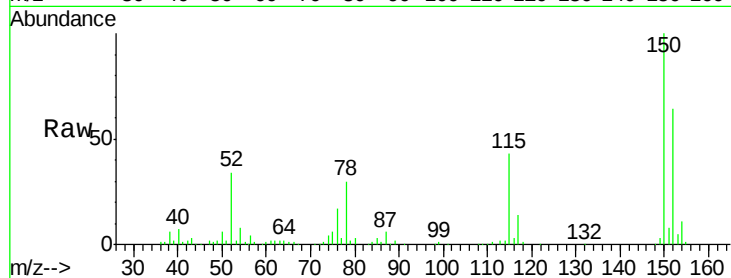
Tot Ion:152 Resp: 125377

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

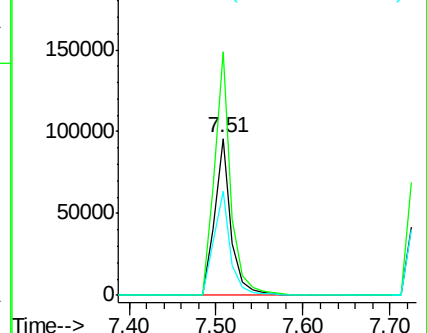
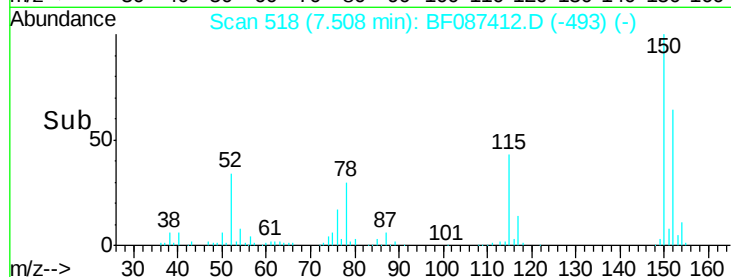
115 66.7 51.5 77.3



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: 120.86 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

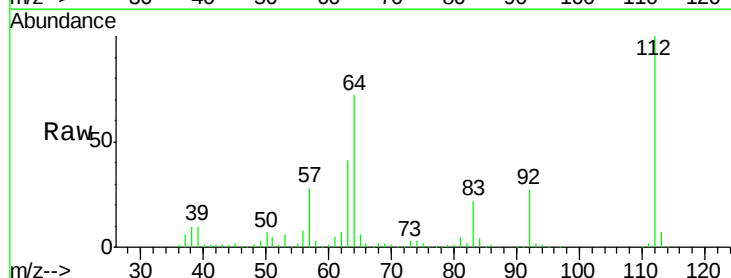
Tgt Ion:112 Resp: 862372

Ion Ratio Lower Upper

112 100

64 72.0 52.1 78.1

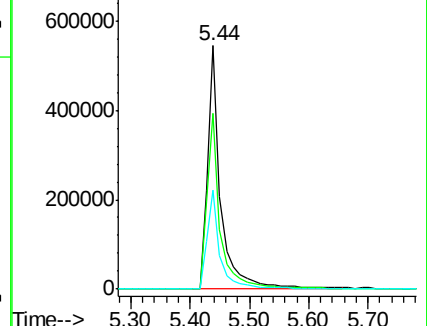
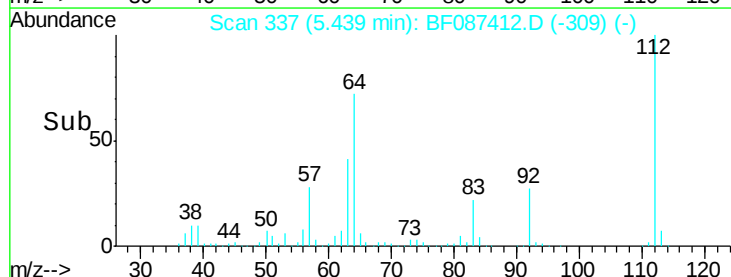
63 40.7 25.7 38.5

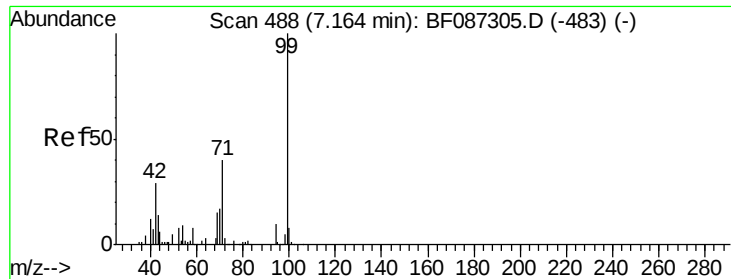


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.01 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

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BERKSHIRE-HOMESRE

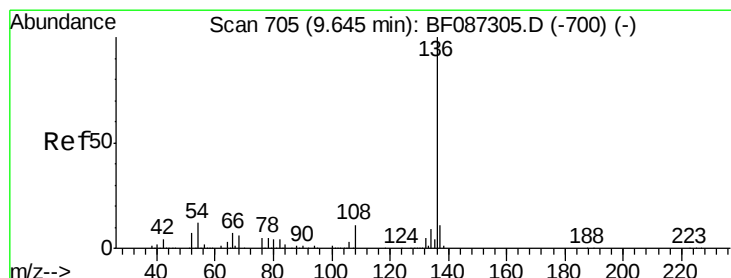
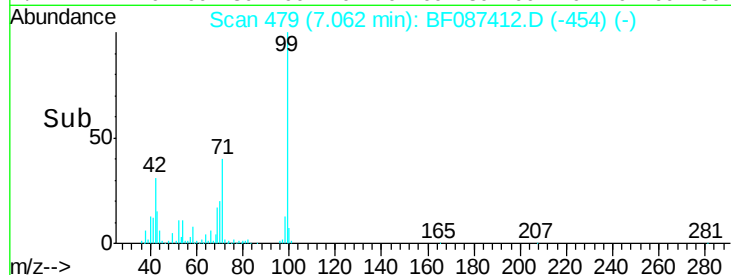
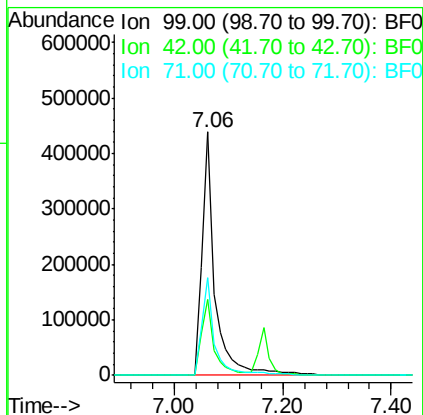
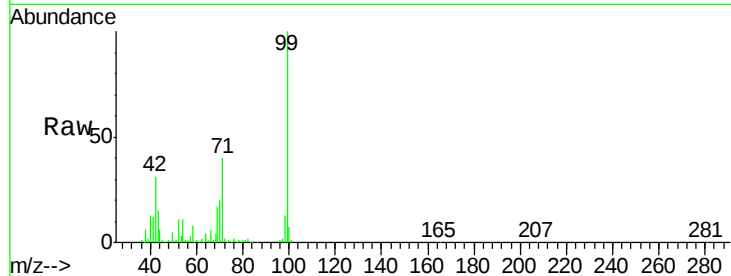
Tot Ion: 99 Resp: 713573

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

71 40.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Tgt Ion: 136 Resp: 499451

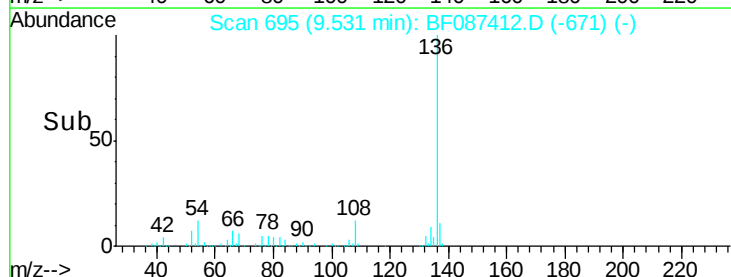
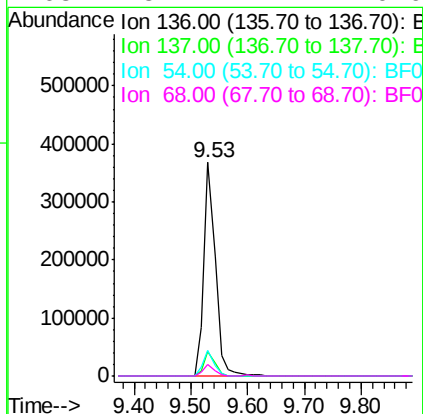
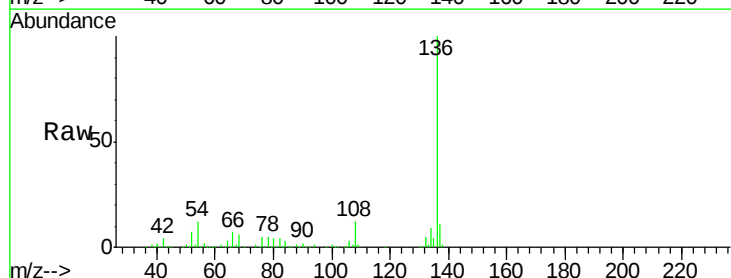
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.8 5.0 7.4#

68 5.7 4.4 6.6

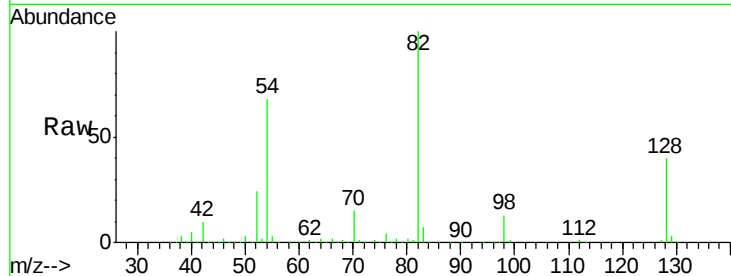




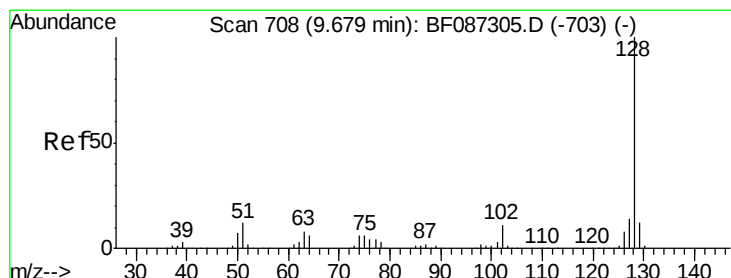
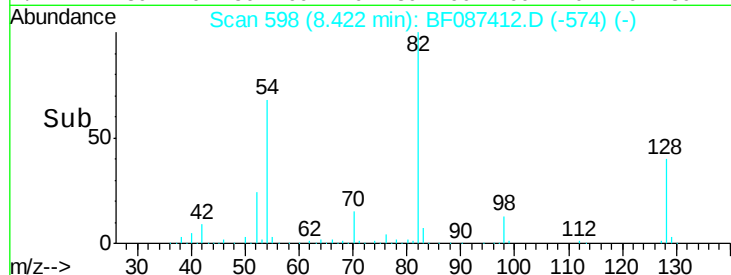
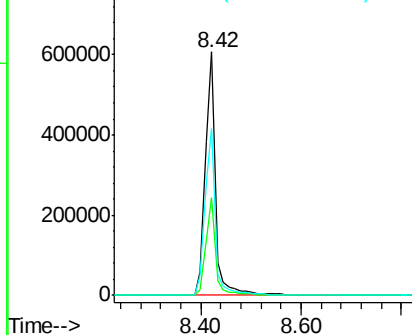
#23
Nitrobenzene-d5
Concen: 87.17 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESRE

Tot Ion: 82 Resp: 863821
Ion Ratio Lower Upper
82 100
128 39.9 40.6 61.0#
54 68.4 38.1 57.1#

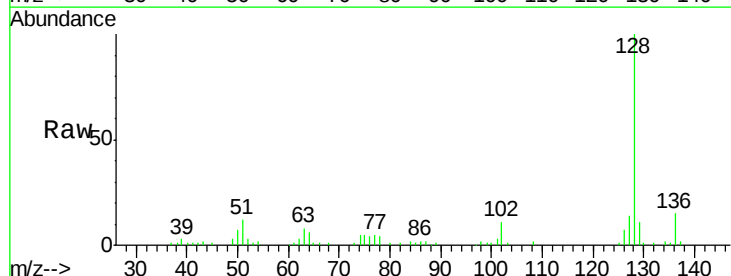


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

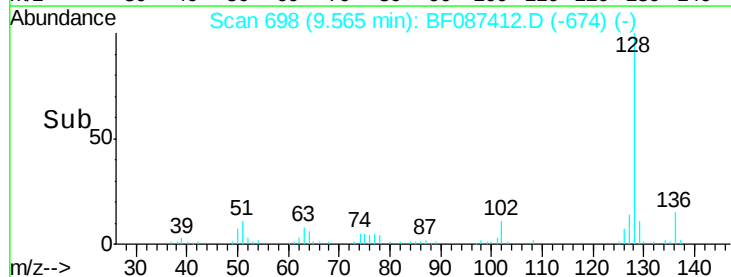
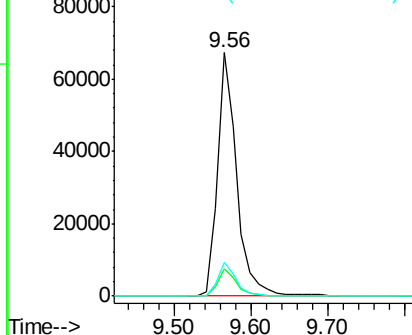


#31
Naphthalene
Concen: 4.70 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Tgt Ion: 128 Resp: 117519
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 14.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

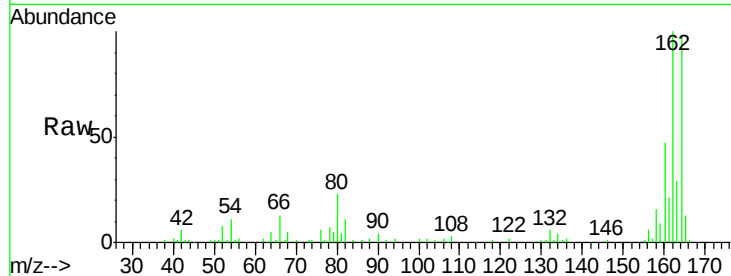




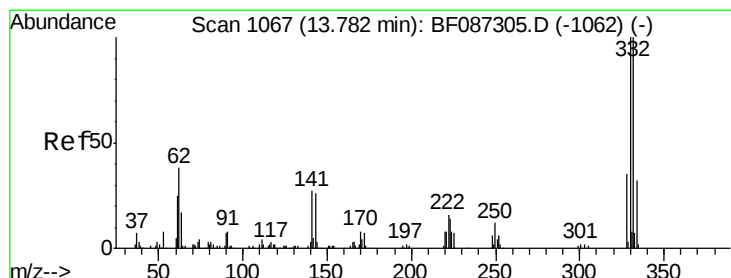
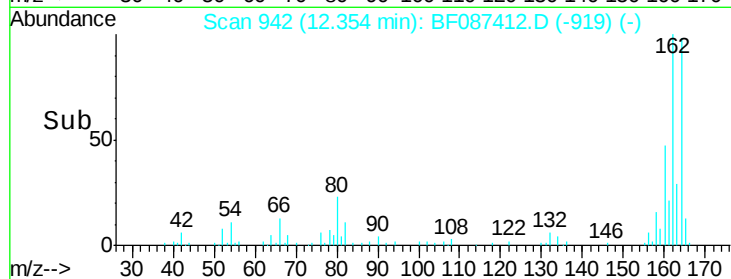
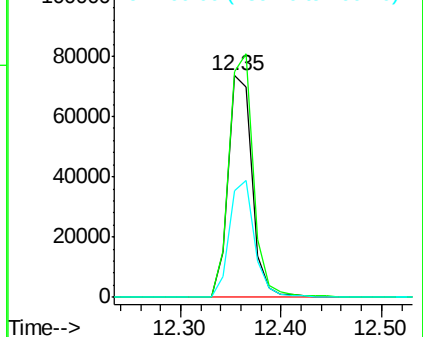
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 BERKSHIRE-HOMESRE

Tot Ion:164 Resp: 122402
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.8 124.2
 160 48.4 36.9 55.3

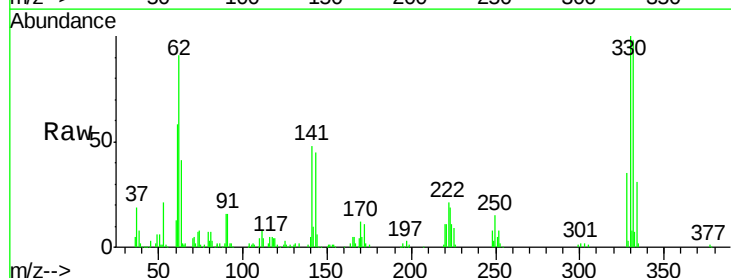


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

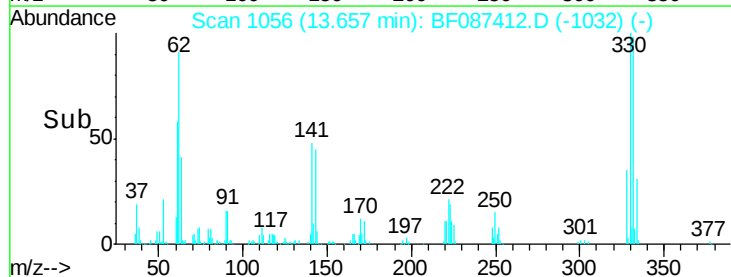
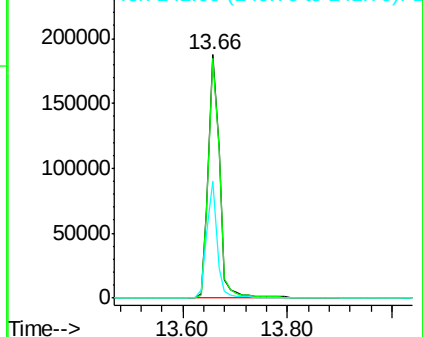


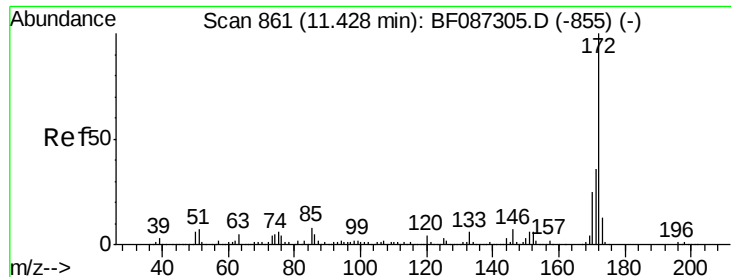
#41
 2,4,6-Tribromophenol
 Concen: 242.38 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087412.D
 Acq: 26 May 2016 17:14

Tgt Ion:330 Resp: 285096
 Ion Ratio Lower Upper
 330 100
 332 98.4 79.0 118.4
 141 44.1 31.2 46.8



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: 156.69 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

BNA_F

ClientSampleId :

BERKSHIRE-HOMESRE

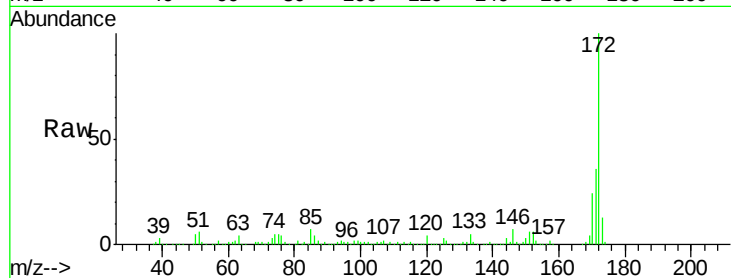
Tot Ion:172 Resp: 1360408

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

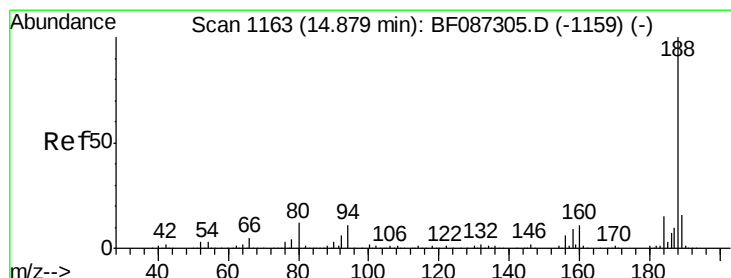
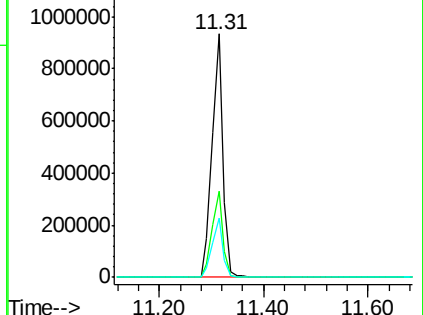
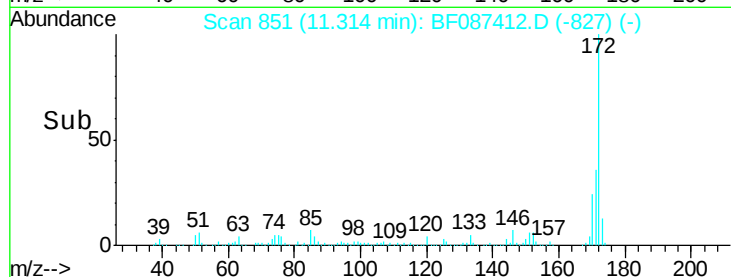
170 24.2 19.8 29.8



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: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

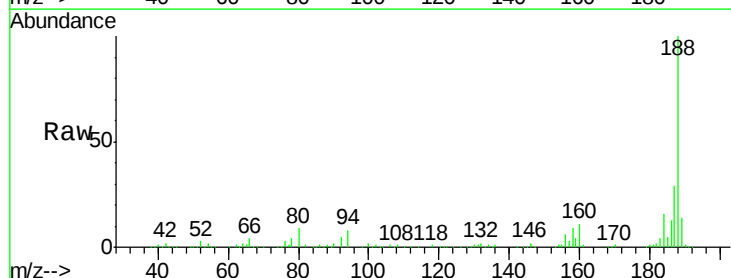
Tgt Ion:188 Resp: 371054

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

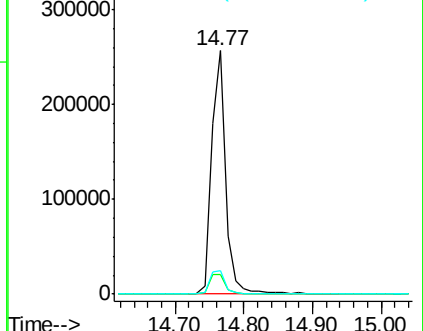
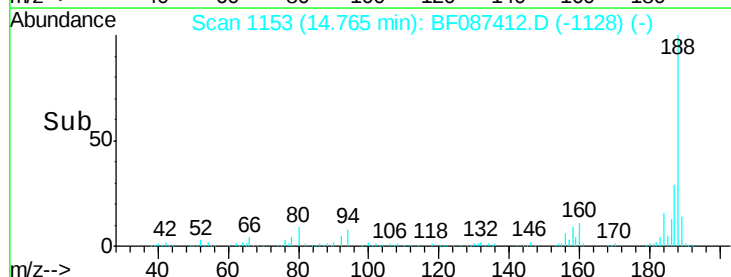
80 9.4 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

Instrument :

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BERKSHIRE-HOMESRE

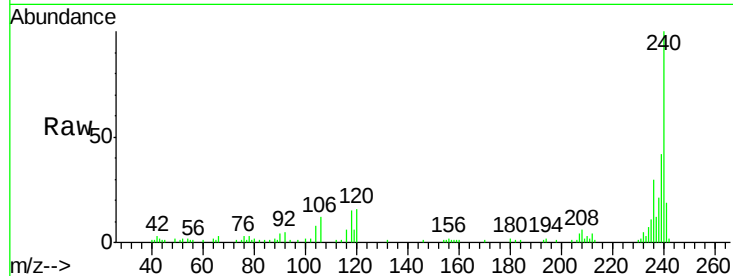
Tot Ion:240 Resp: 74552

Ion Ratio Lower Upper

240 100

120 15.8 11.2 16.8

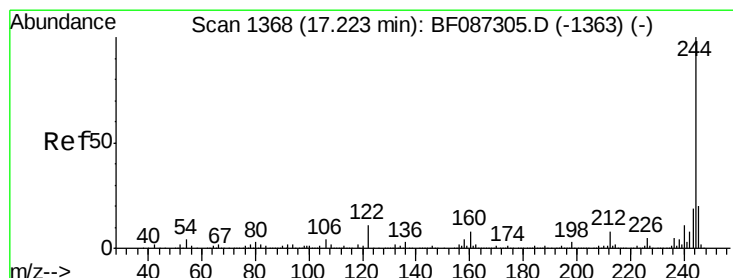
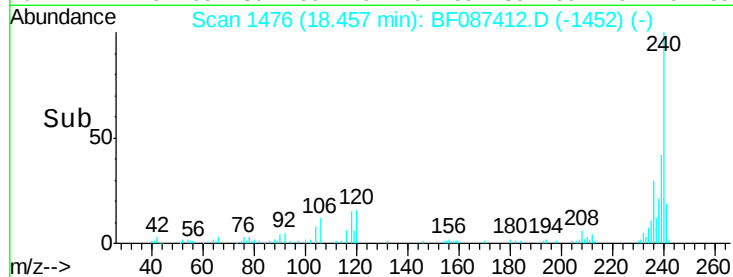
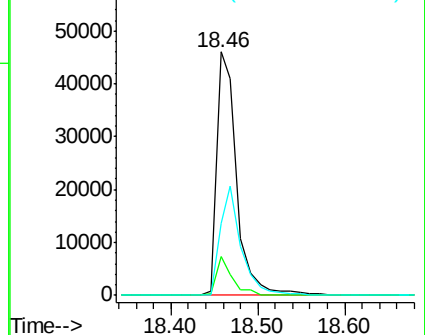
236 29.9 21.2 31.8



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: 268.05 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087412.D

Acq: 26 May 2016 17:14

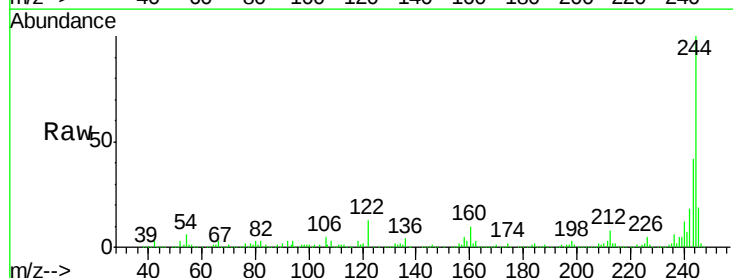
Tgt Ion:244 Resp: 939963

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.2

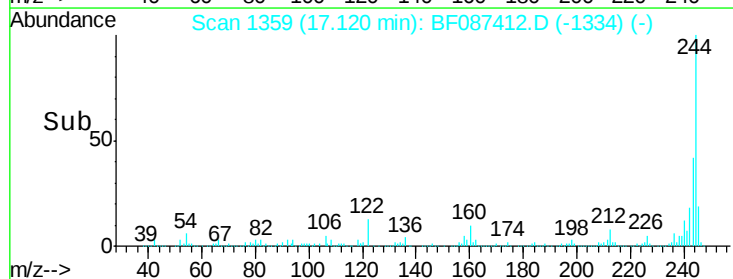
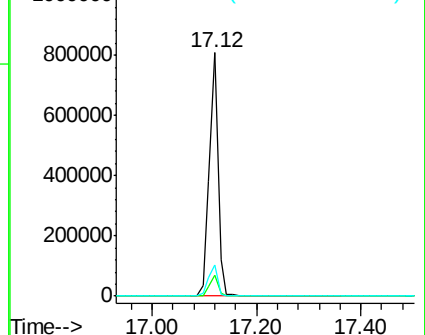
122 12.8 12.0 18.0

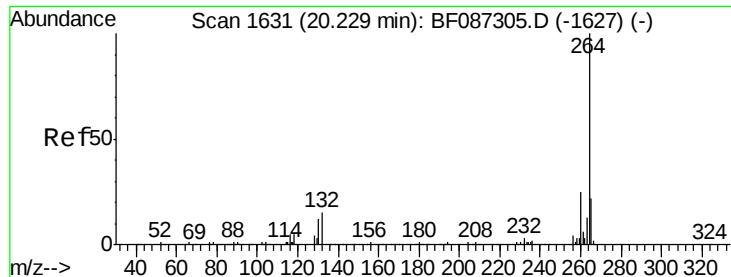


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624
Delta R.T. 0.01 min
Lab File: BF087412.D
Acq: 26 May 2016 17:14

Instrument :
BNA_F
ClientSampleId :
BERKSHIRE-HOMESRE

Tot Ion: 264 Resp: 2784
Ion Ratio Lower Upper
264 100
260 116.5 19.5 29.3#
265 20.8 17.3 25.9

