

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087220.D
 Acq On : 20 May 2016 9:03
 Operator : UM/SJ
 Sample : PB90419BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Quant Time: May 20 14:44:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	125631	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	510590	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	239884	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	381855	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	265809	20.00	ng	-0.06
86) Perylene-d12	15.06	264	239171	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1027125	137.42	ng	-0.03
7) Phenol-d6	6.24	99	1224195	122.12	ng	-0.05
23) Nitrobenzene-d5	7.14	82	798904	77.98	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	264421	99.75	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1366037	94.31	ng	-0.05
78) Terphenyl-d14	12.66	244	998407	84.97	ng	-0.05

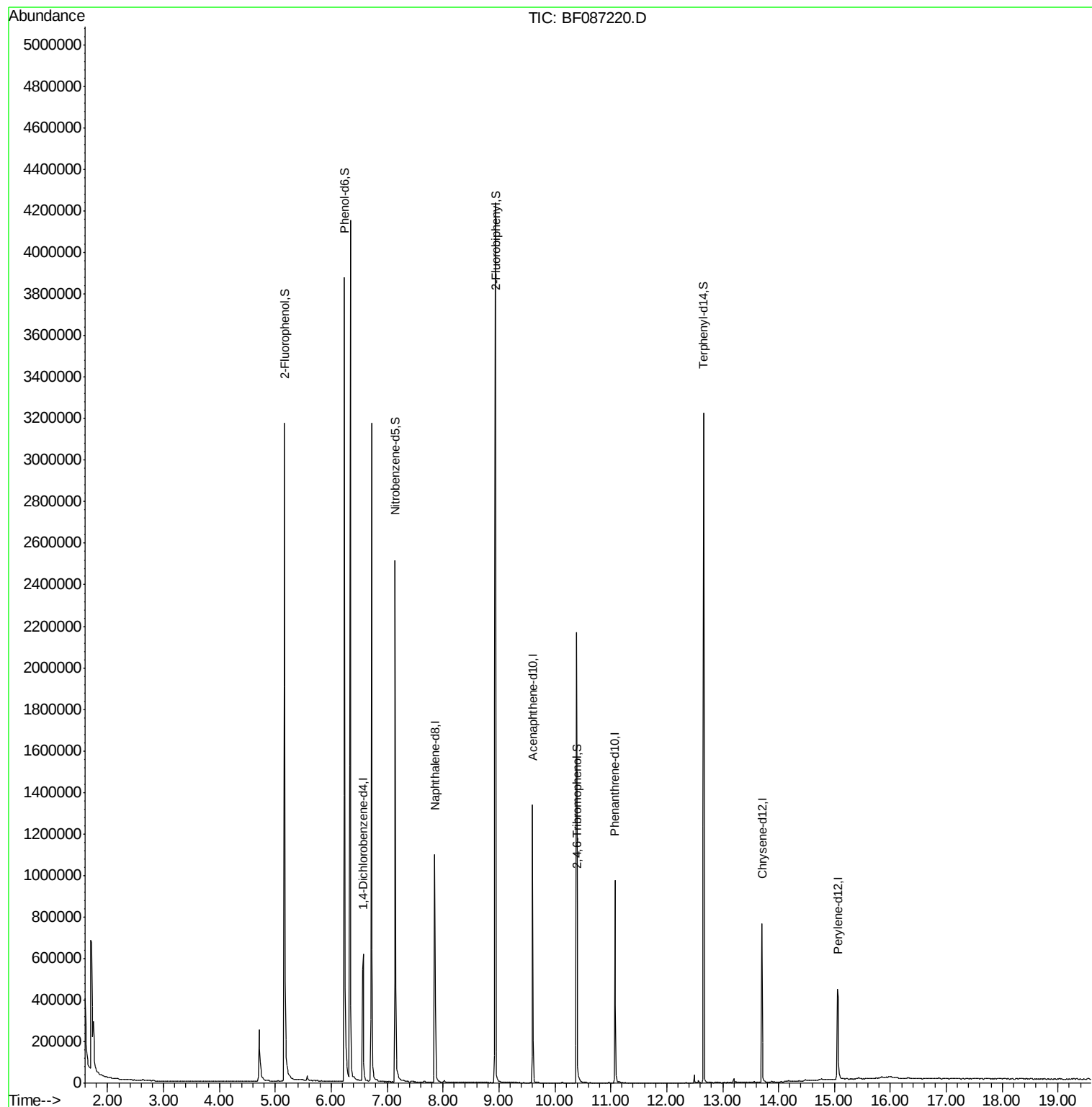
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

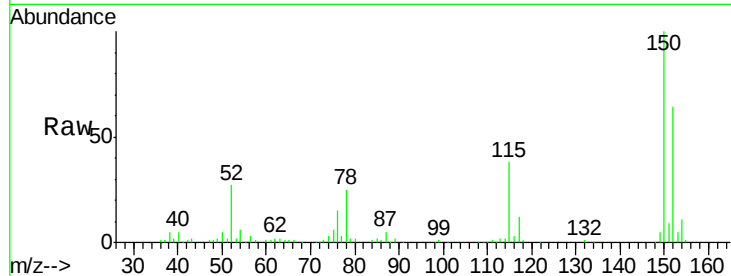
Tgt Ion:152 Resp: 125631

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.6

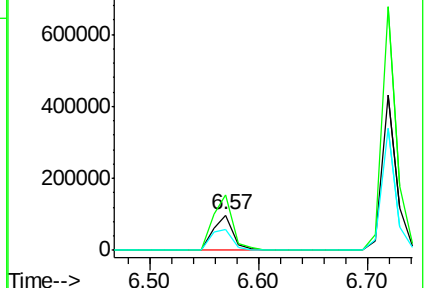
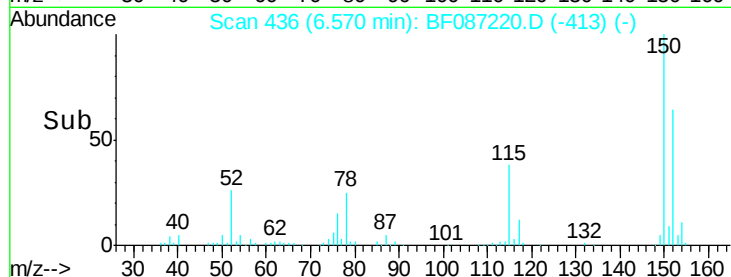
115 59.1 51.5 77.3



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: 137.42 ng

RT: 5.16 min Scan# 313

Delta R.T. -0.03 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

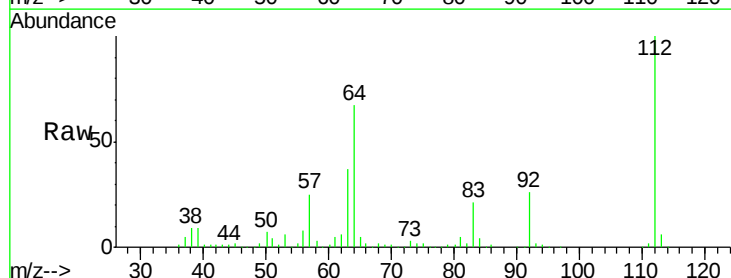
Tgt Ion:112 Resp: 1027125

Ion Ratio Lower Upper

112 100

64 67.3 52.1 78.1

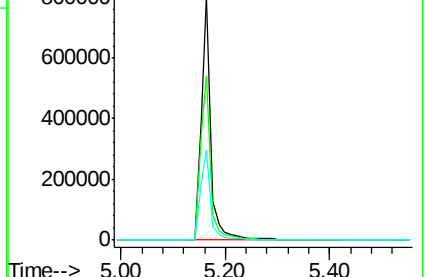
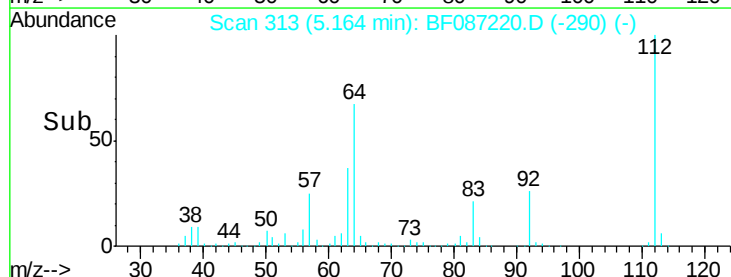
63 36.9 25.7 38.5

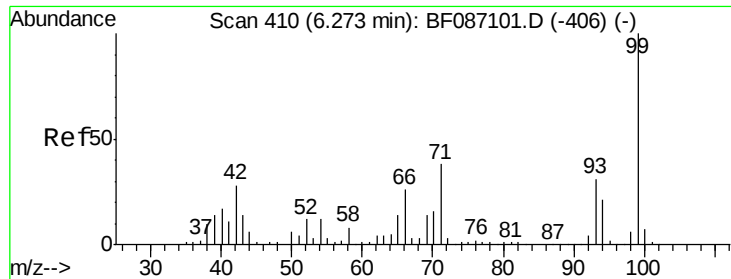


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.12 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

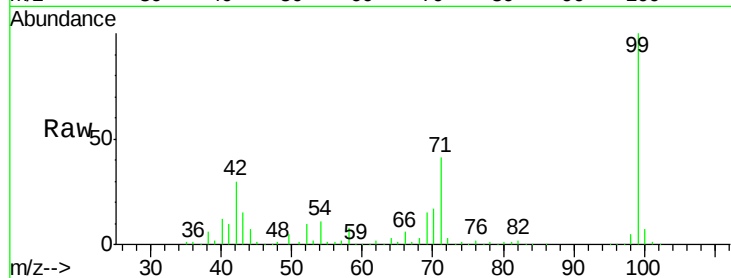
Tgt Ion: 99 Resp: 1224195

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

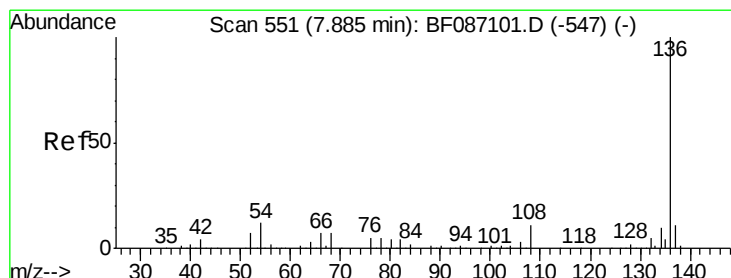
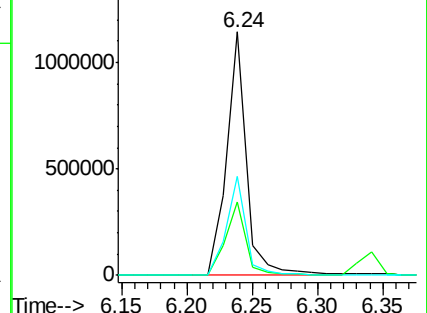
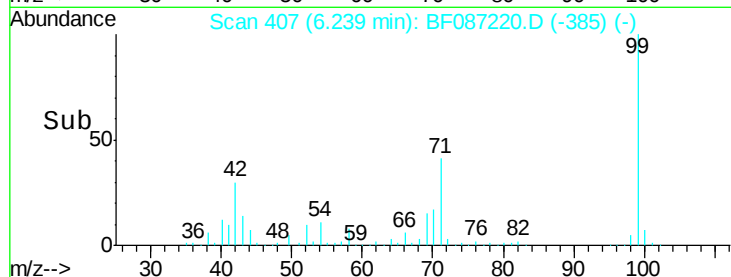
71 40.7 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Tgt Ion: 136 Resp: 510590

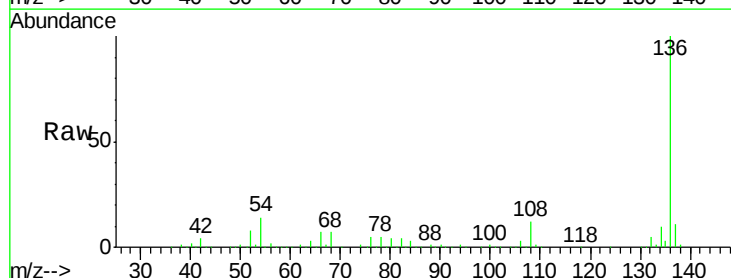
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.7 5.0 7.4#

68 7.0 4.4 6.6#

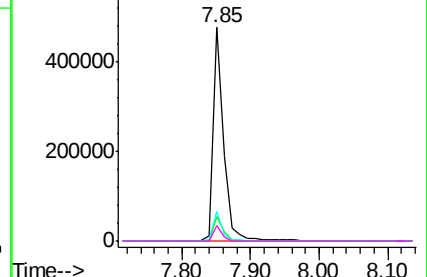
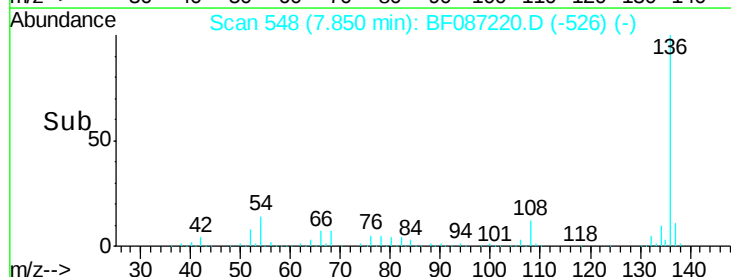


Abundance Ion 136.00 (135.70 to 136.70): E

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

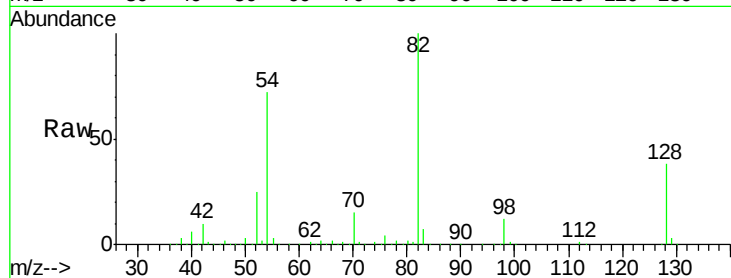




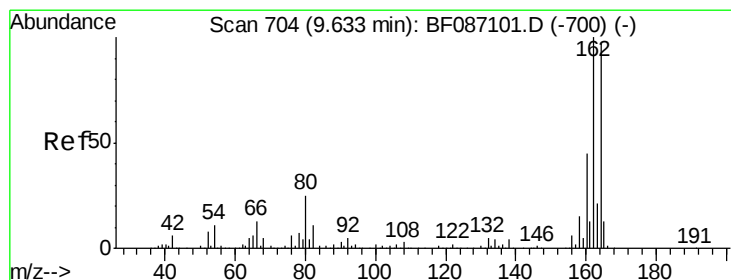
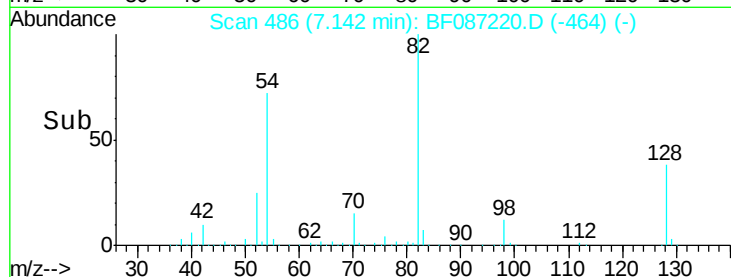
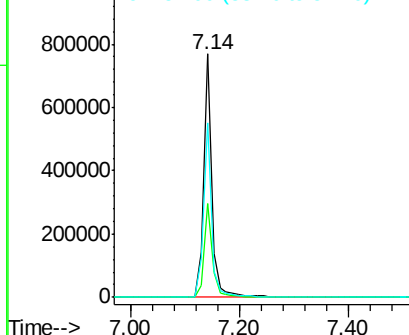
#23
 Nitrobenzene-d5
 Concen: 77.98 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB90419BL

Tgt Ion: 82 Resp: 798904
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 71.9 38.1 57.1#

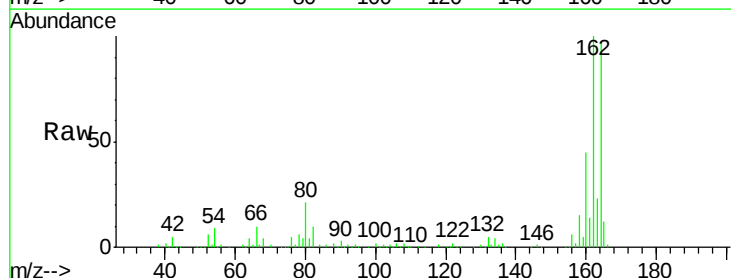


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

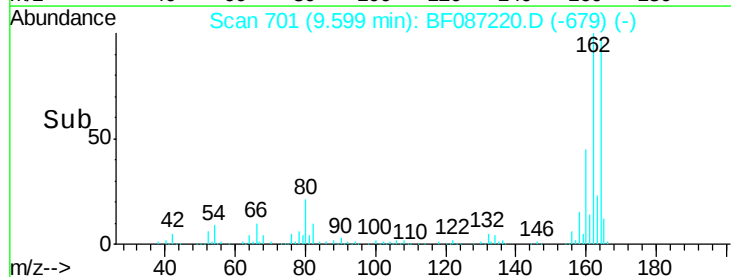
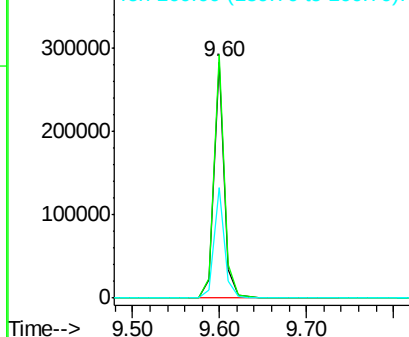


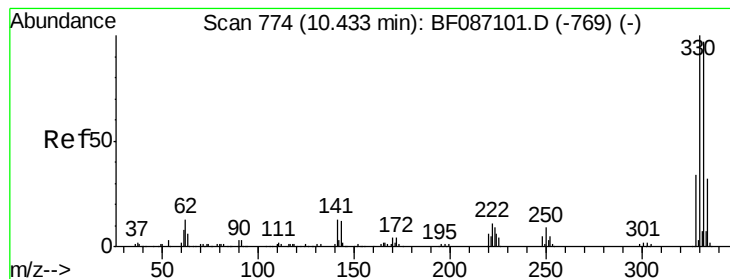
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Tgt Ion: 164 Resp: 239884
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.8 124.2
 160 46.8 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: 99.75 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

Instrument :

BNA_F

ClientSampleId :

PB90419BL

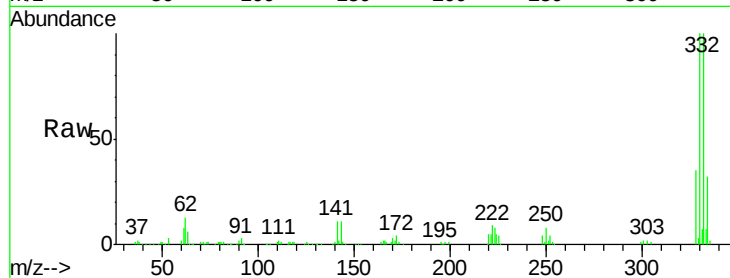
Tgt Ion:330 Resp: 264421

Ion Ratio Lower Upper

330 100

332 98.3 79.0 118.4

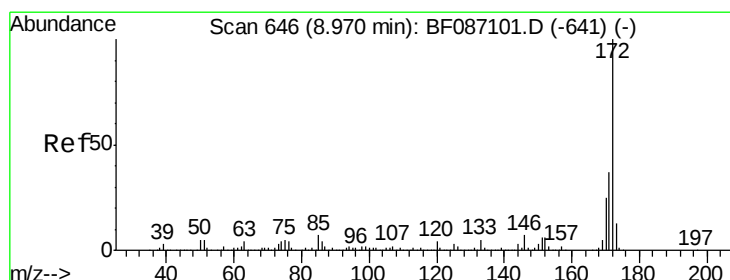
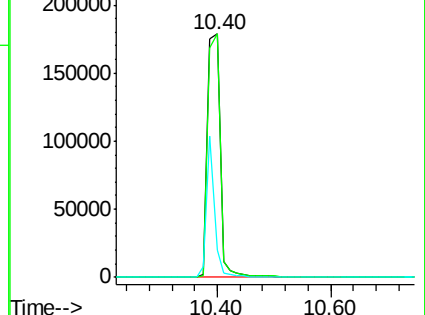
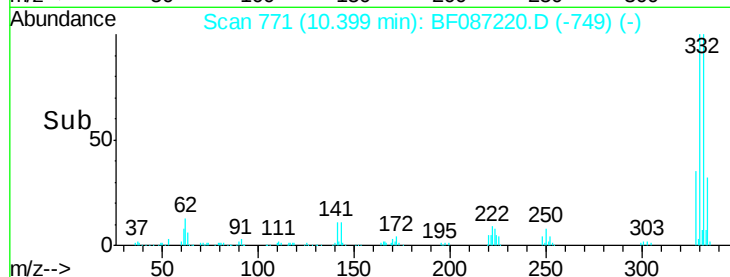
141 36.4 31.2 46.8



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: 94.31 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF087220.D

Acq: 20 May 2016 9:03

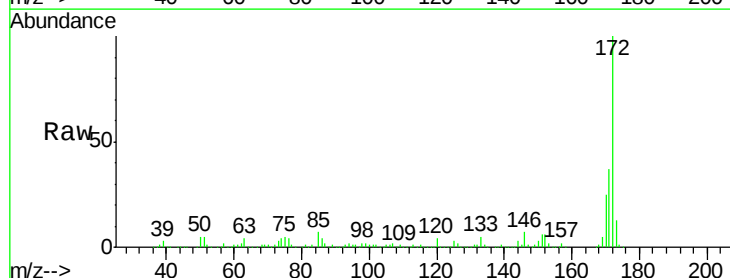
Tgt Ion:172 Resp: 1366037

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.6

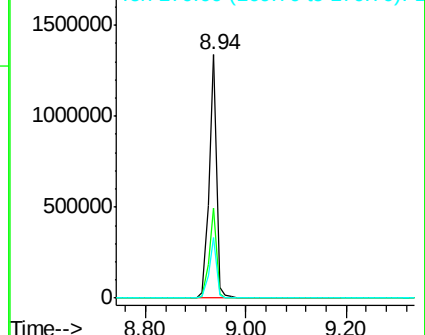
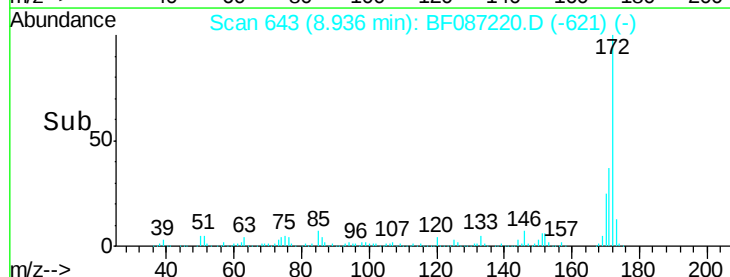
170 24.8 19.8 29.8

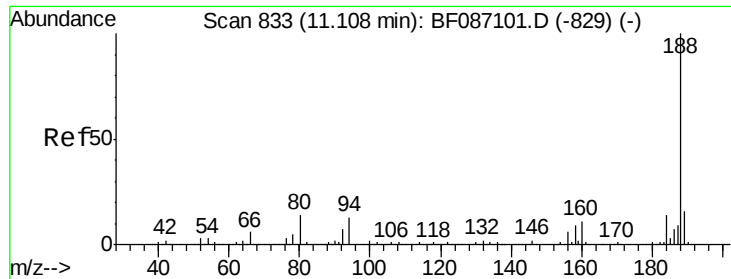


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

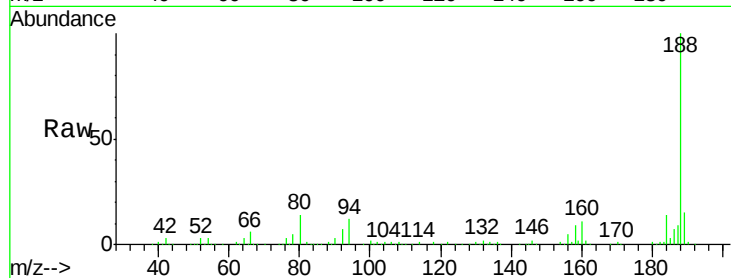




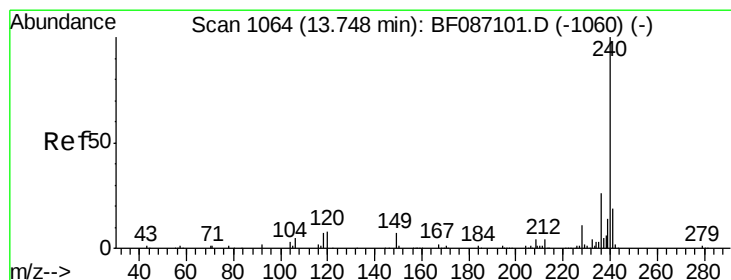
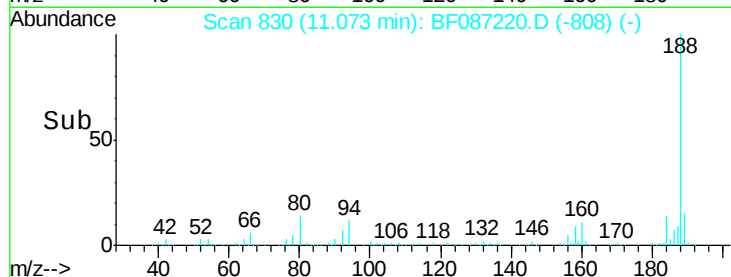
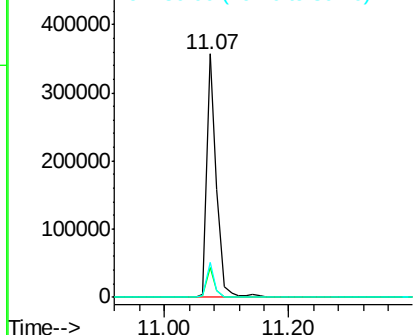
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Instrument :
BNA_F
ClientSampleId :
PB90419BL

Tgt Ion:188 Resp: 381855
Ion Ratio Lower Upper
188 100
94 12.4 6.8 10.2#
80 14.3 7.1 10.7#

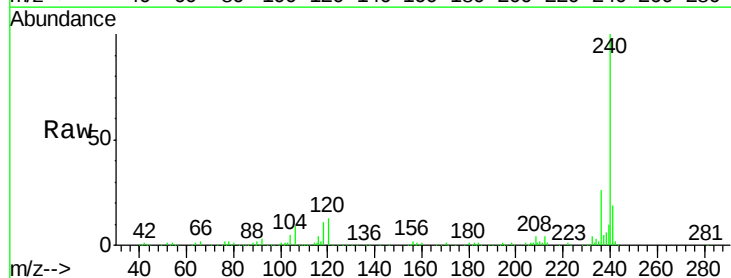


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

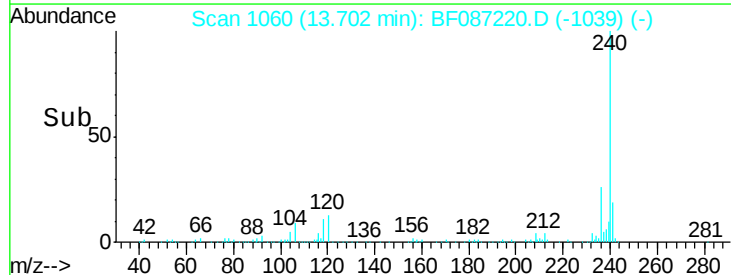
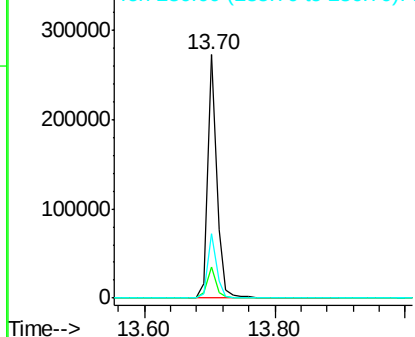


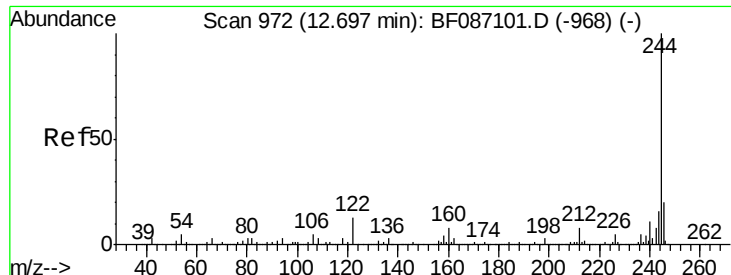
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.06 min
Lab File: BF087220.D
Acq: 20 May 2016 9:03

Tgt Ion:240 Resp: 265809
Ion Ratio Lower Upper
240 100
120 12.7 11.2 16.8
236 26.4 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

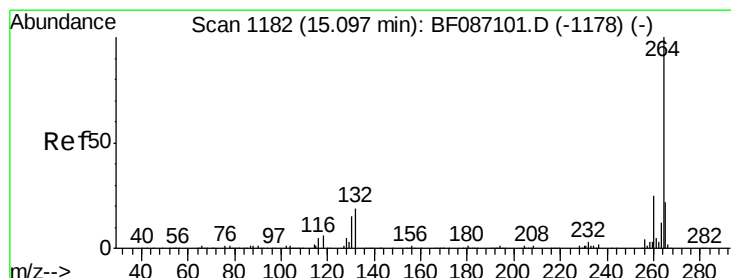
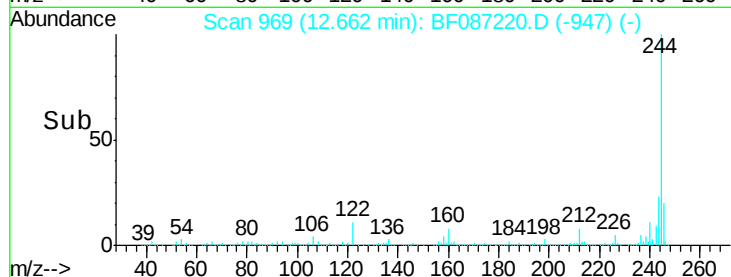
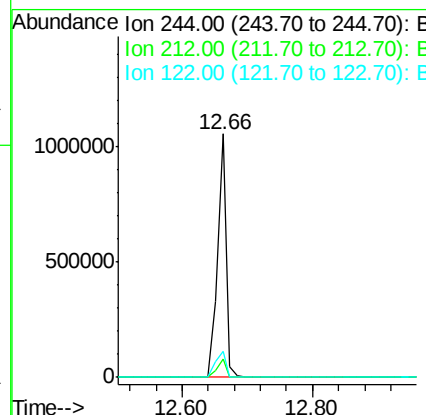
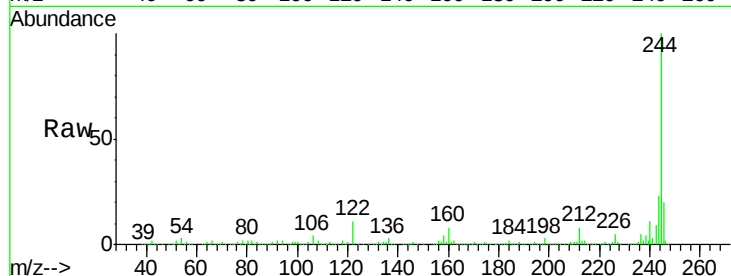




#78
 Terphenyl-d14
 Concen: 84.97 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.05 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Instrument :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	10.7	12.0	18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087220.D
 Acq: 20 May 2016 9:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.3	25.9

