

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092087.D
 Acq On : 5 Jan 2017 00:09
 Operator : UM/SJ
 Sample : I1004-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLATBUSHFB-2-10317

Quant Time: Jan 05 01:23:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	229580	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1041150	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	372186	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	615131	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	493101	20.00	ng	-0.01
86) Perylene-d12	15.17	264	418478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	973153	70.78	ng	0.00
7) Phenol-d6	6.32	99	809877	48.24	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1902012	101.58	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	480671	156.06	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2288194	133.30	ng	0.00
78) Terphenyl-d14	12.77	244	2122771	104.41	ng	0.00

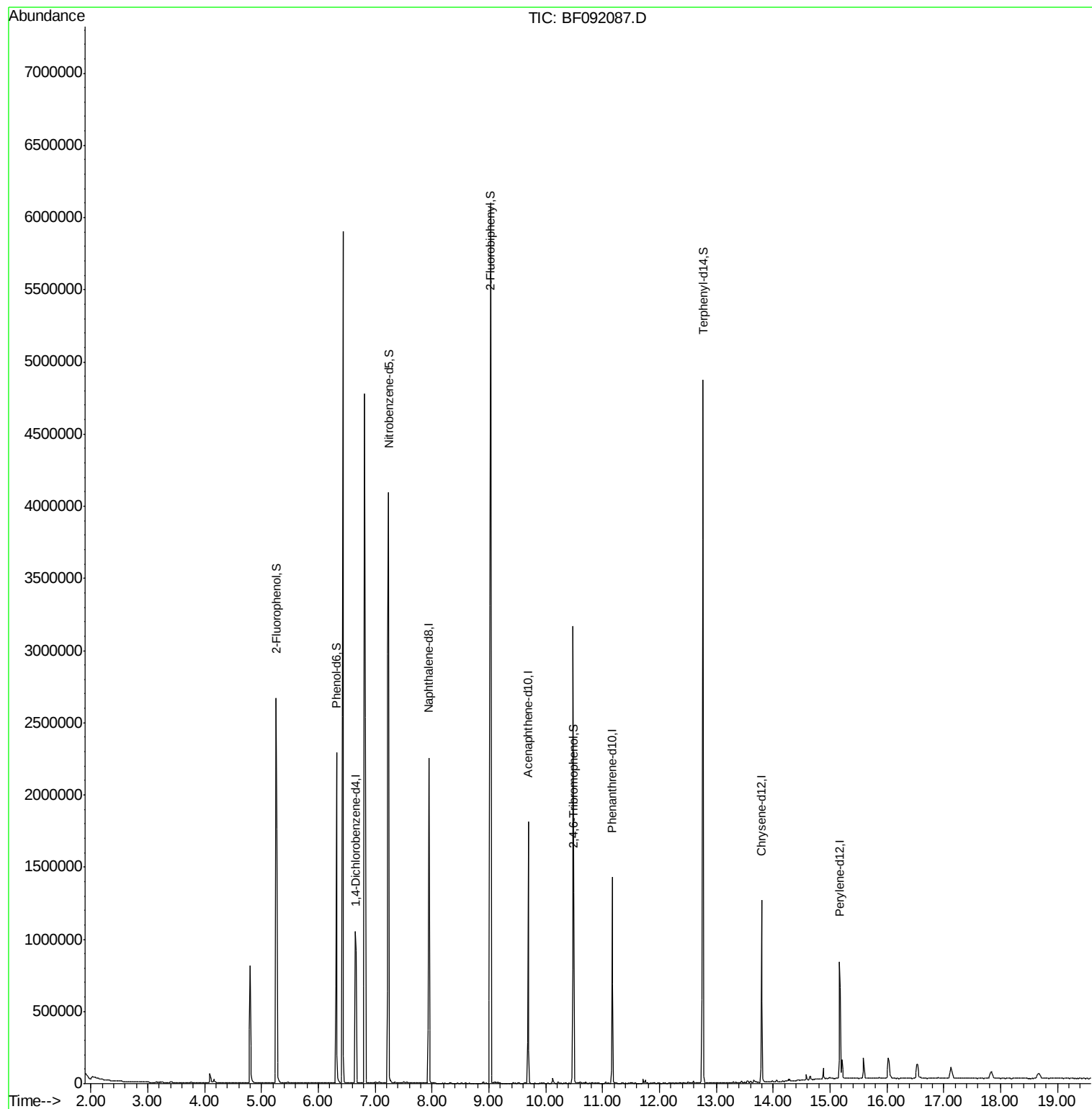
Target Compounds Qvalue

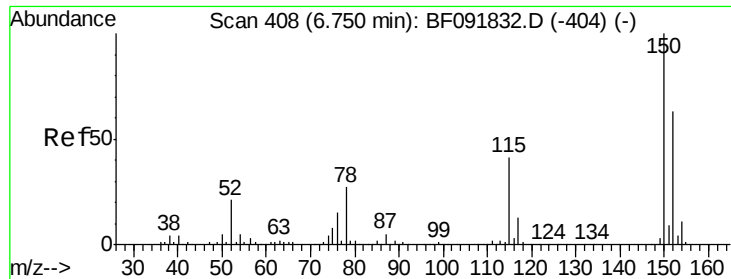
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

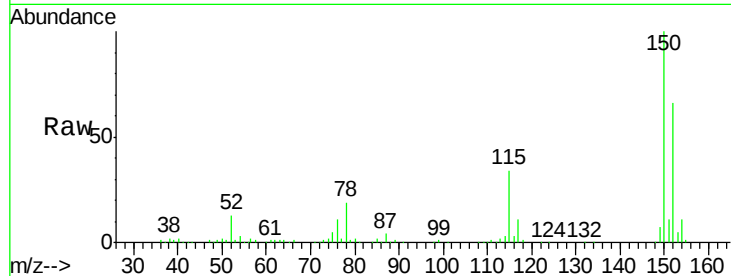
Tot Ion:152 Resp: 229580

Ion Ratio Lower Upper

152 100

150 152.3 124.9 187.3

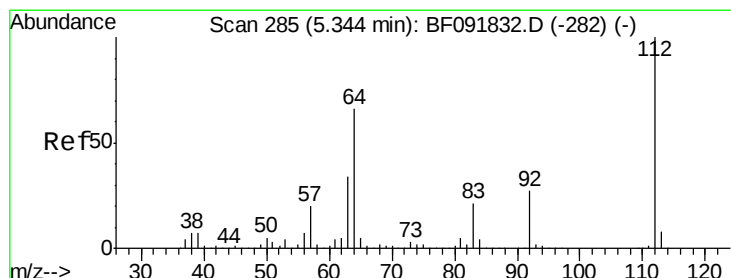
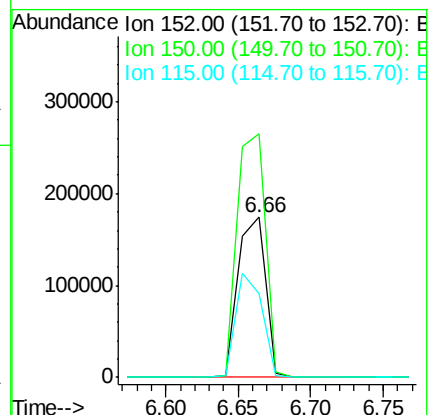
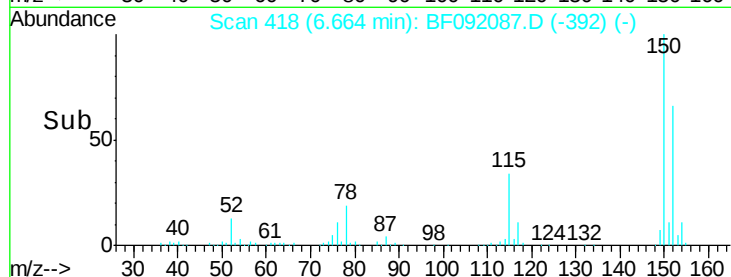
115 52.5 46.0 69.0



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: 70.78 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

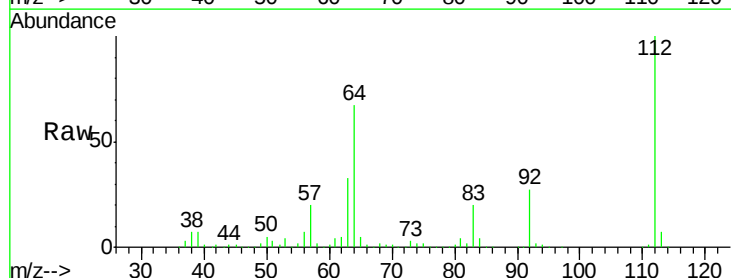
Tgt Ion:112 Resp: 973153

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

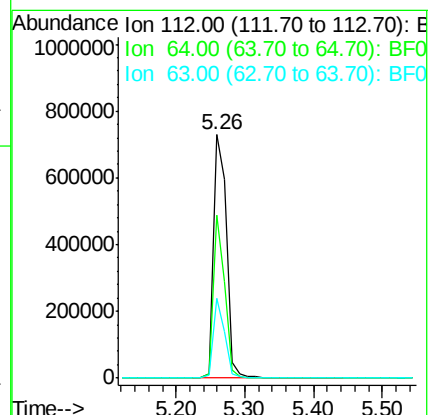
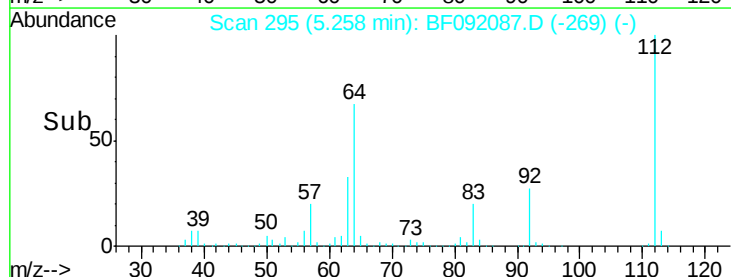
63 32.8 23.8 35.6



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: 48.24 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

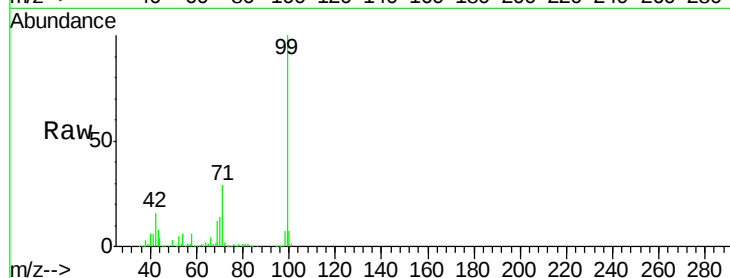
Tot Ion: 99 Resp: 809877

Ion Ratio Lower Upper

99 100

42 15.7 15.6 23.4

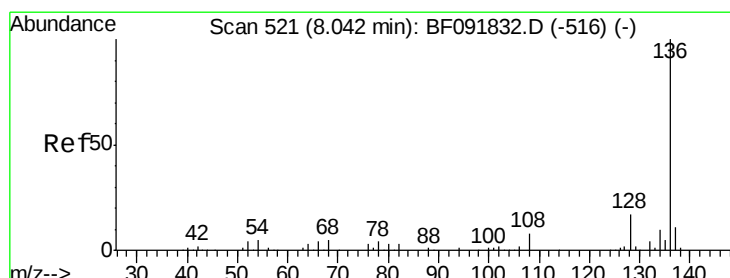
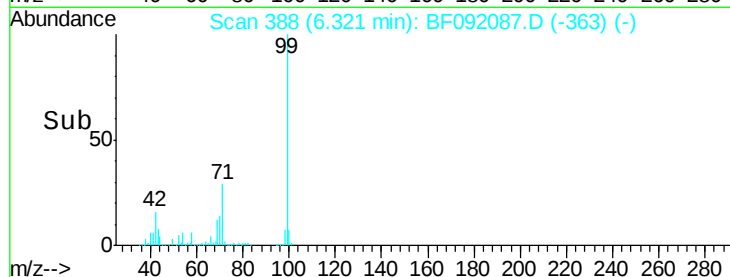
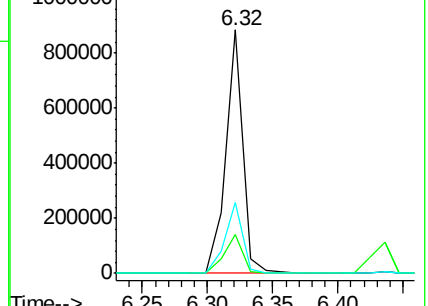
71 29.3 27.5 41.3



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: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Tgt Ion: 136 Resp: 1041150

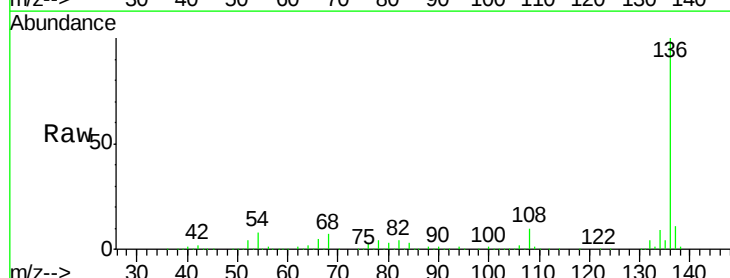
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.3 4.5 6.7#

68 6.9 3.6 5.4#

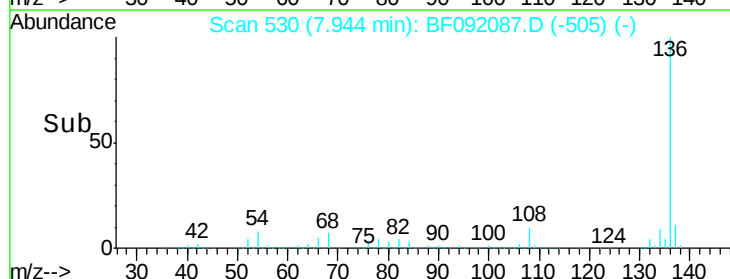
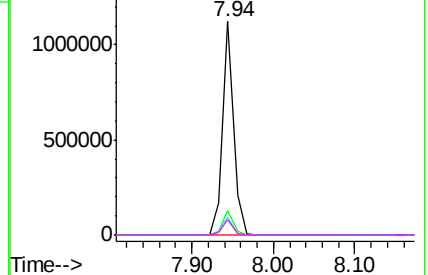


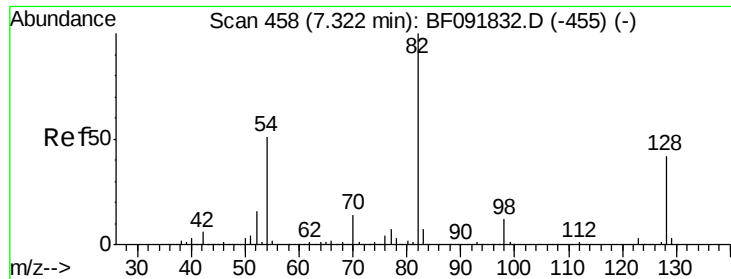
Abundance Ion 136.00 (135.70 to 136.70): E

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

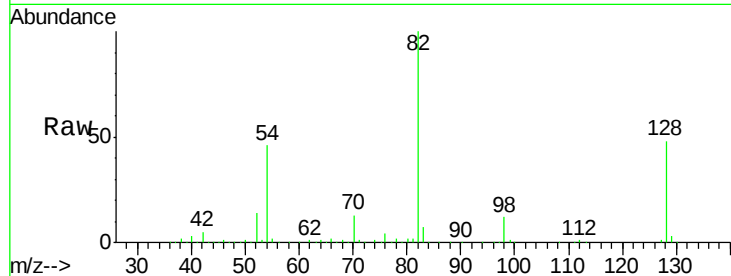




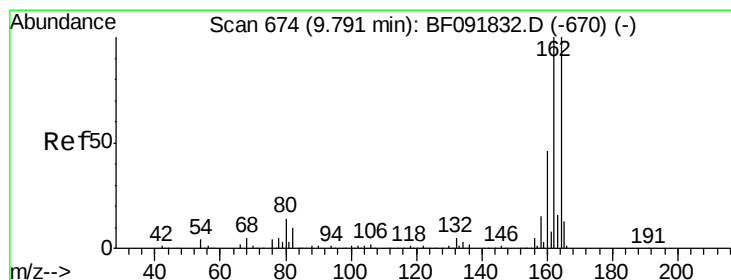
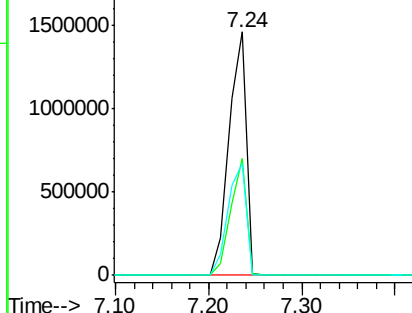
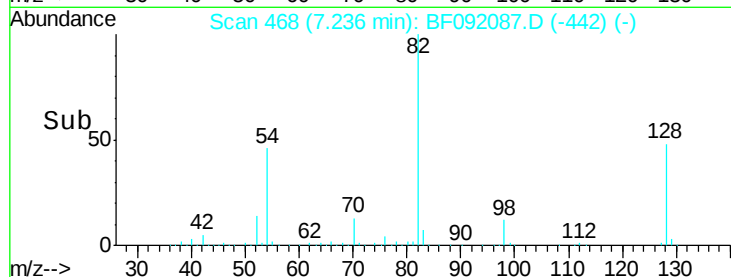
#23
 Nitrobenzene-d5
 Concen: 101.58 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLATBUSHFB-2-10317

Tot Ion: 82 Resp: 1902012
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.6 52.0
 54 46.0 39.5 59.3

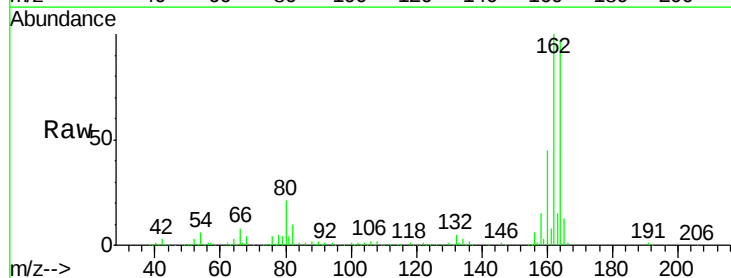


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

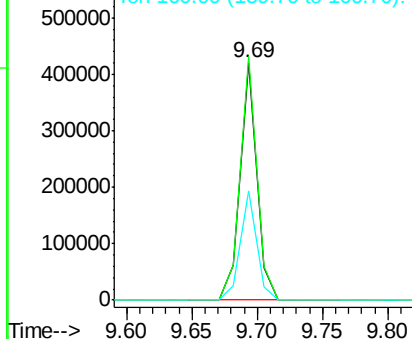
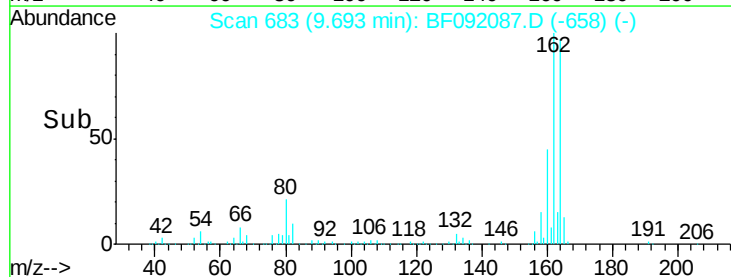


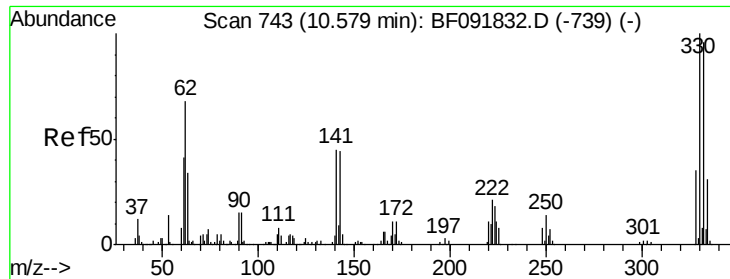
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Tgt Ion:164 Resp: 372186
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.2 120.2
 160 46.1 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

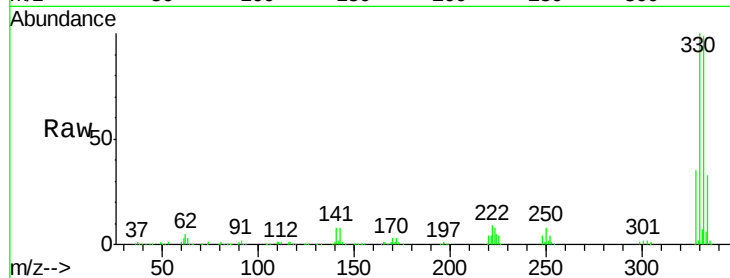




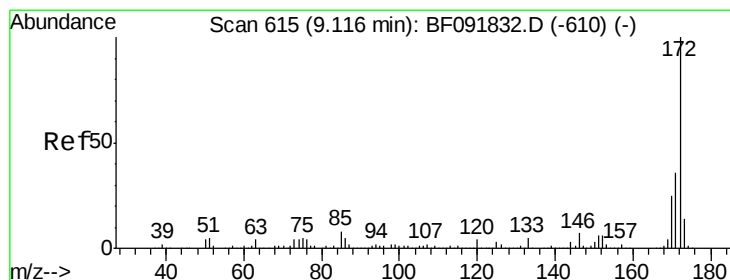
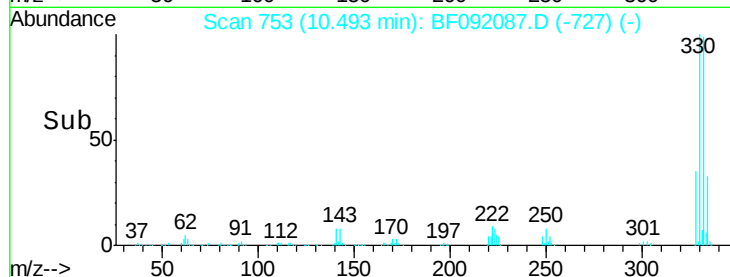
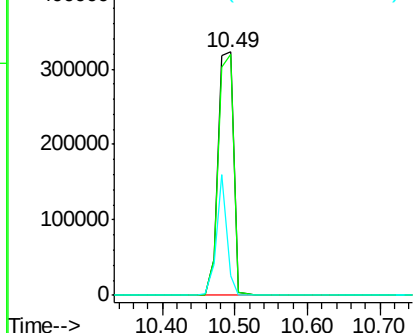
#41
 2,4,6-Tribromophenol
 Concen: 156.06 ng
 RT: 10.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FLATBUSHFB-2-10317

Tot Ion:330 Resp: 480671
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 33.3 34.1 51.1#

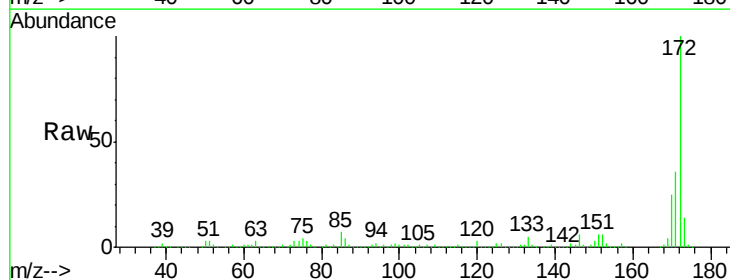


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

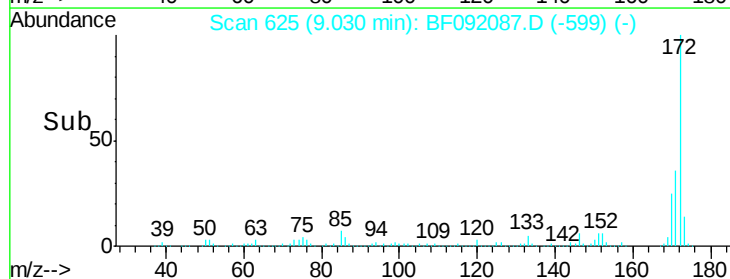
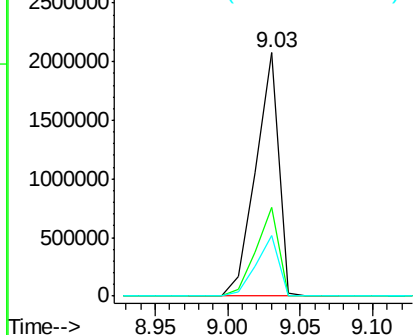


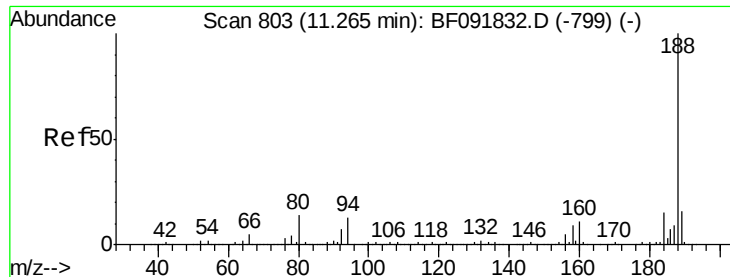
#44
 2-Fluorobiphenyl
 Concen: 133.30 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092087.D
 Acq: 5 Jan 2017 00:09

Tgt Ion:172 Resp: 2288194
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.7 20.2 30.4



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

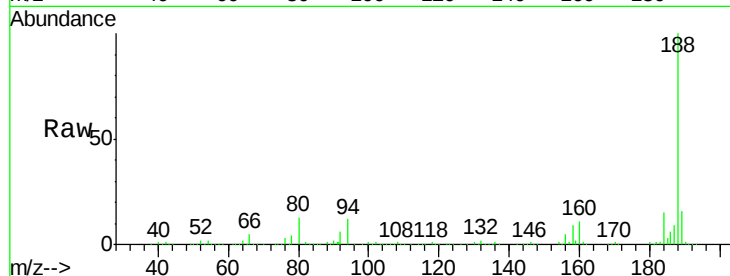




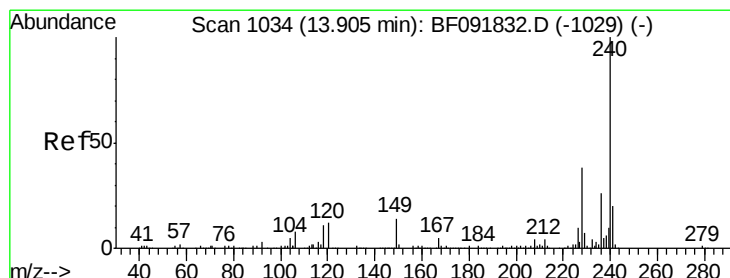
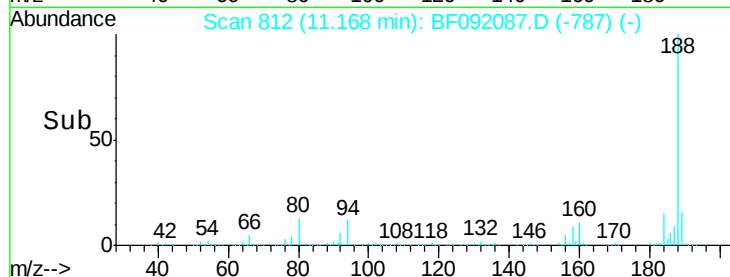
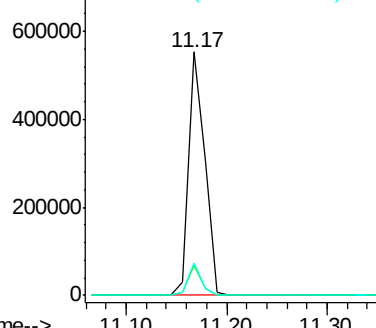
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092087.D
Acq: 5 Jan 2017 00:09

Instrument :
BNA_F
ClientSampleId :
FLATBUSHFB-2-10317

Tot Ion:188 Resp: 615131
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.3 11.2 16.8

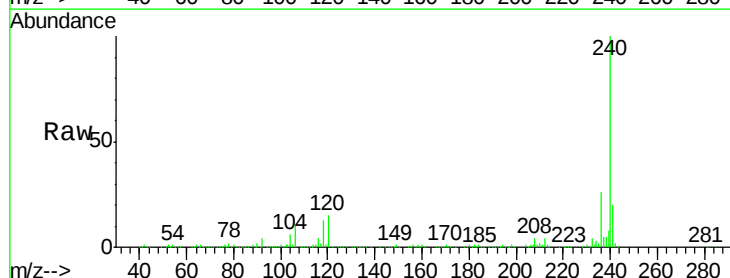


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

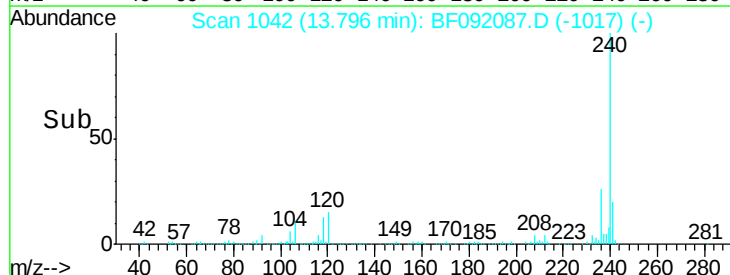
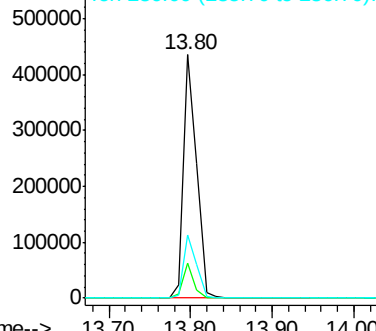


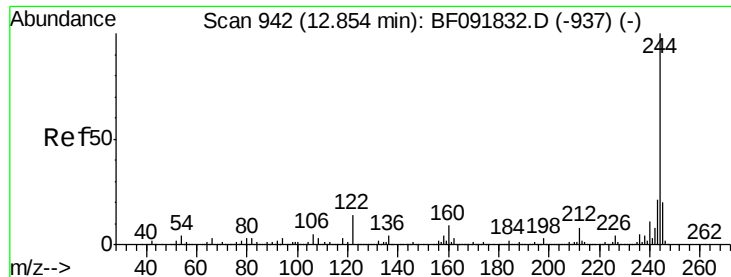
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092087.D
Acq: 5 Jan 2017 00:09

Tgt Ion:240 Resp: 493101
Ion Ratio Lower Upper
240 100
120 14.6 12.9 19.3
236 26.2 20.9 31.3



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: 104.41 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FLATBUSHFB-2-10317

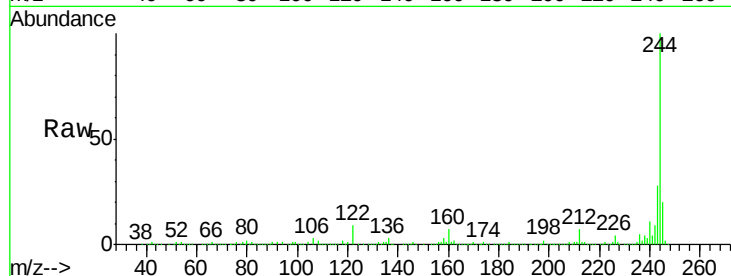
Tot Ion:244 Resp: 2122771

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

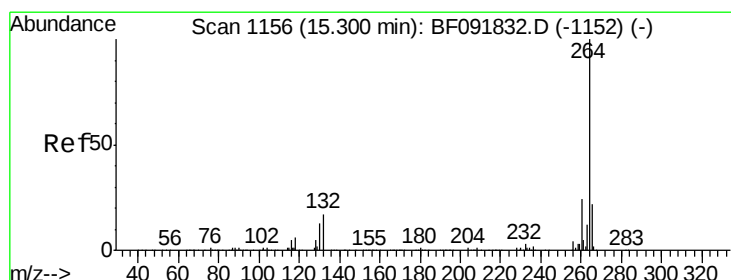
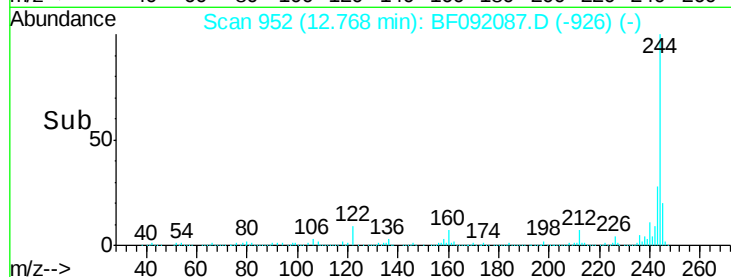
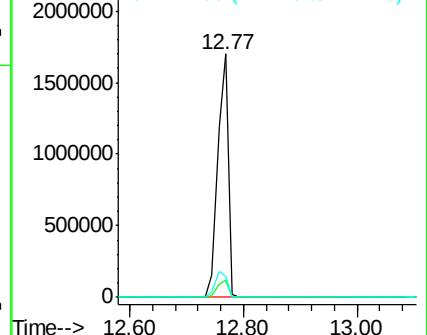
122 8.7 11.4 17.2#



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: 20.00 ng

RT: 15.17 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF092087.D

Acq: 5 Jan 2017 00:09

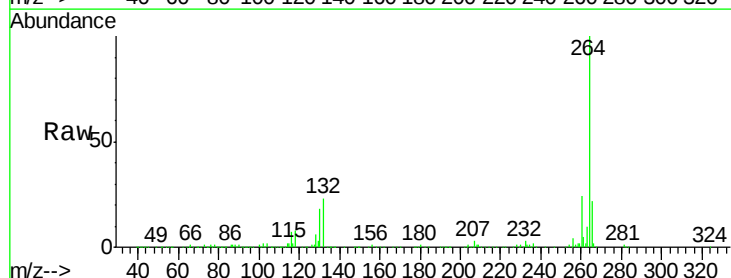
Tgt Ion:264 Resp: 418478

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.3 17.4 26.0



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

