

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092319.D
 Acq On : 17 Jan 2017 16:38
 Operator : UM/SJ
 Sample : PB96060BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

Quant Time: Jan 18 00:17:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	174561	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	625237	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	327243	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	558872	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	444116	20.00	ng	0.00
86) Perylene-d12	15.03	264	341525	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1395322	133.47	ng	0.01
7) Phenol-d6	6.22	99	1624162	127.25	ng	0.00
23) Nitrobenzene-d5	7.12	82	913671	81.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	343262	126.75	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1503862	95.80	ng	0.00
78) Terphenyl-d14	12.66	244	1637248	89.41	ng	0.01

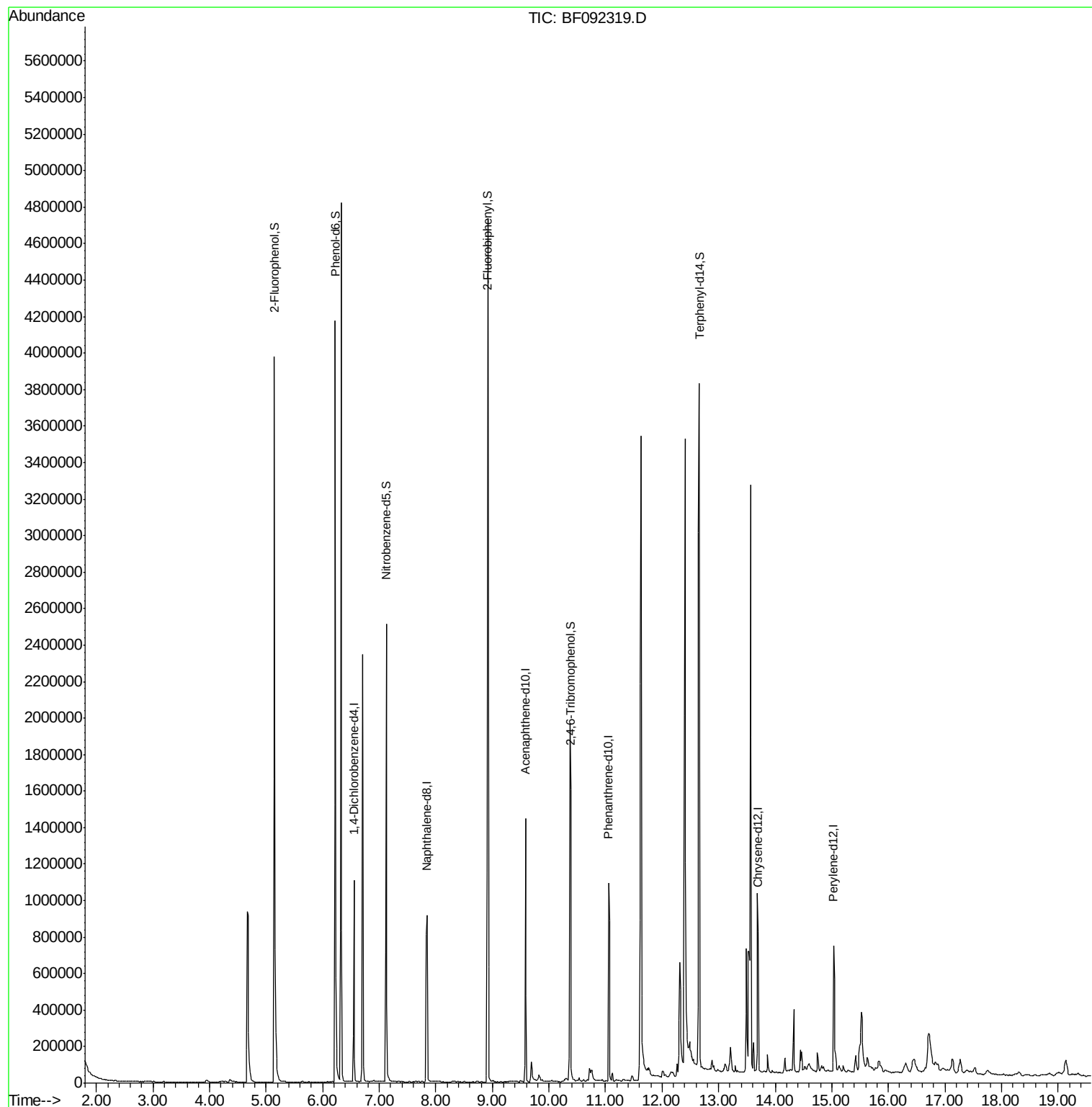
Target Compounds Qvalue

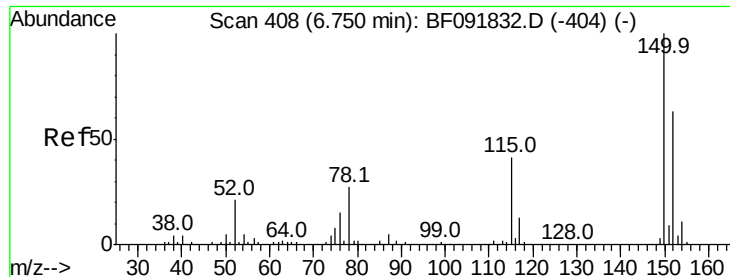
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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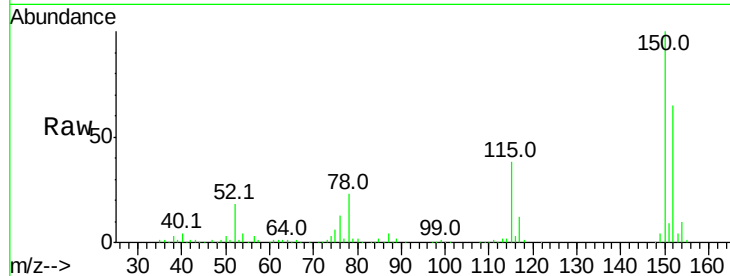


#1

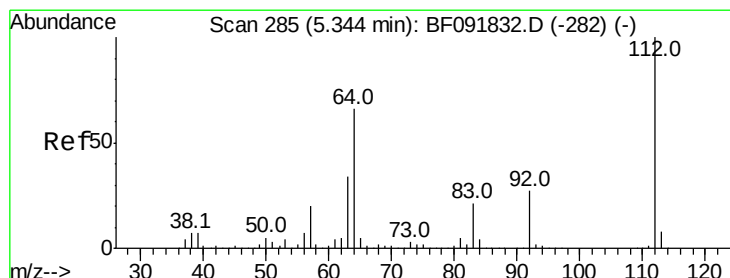
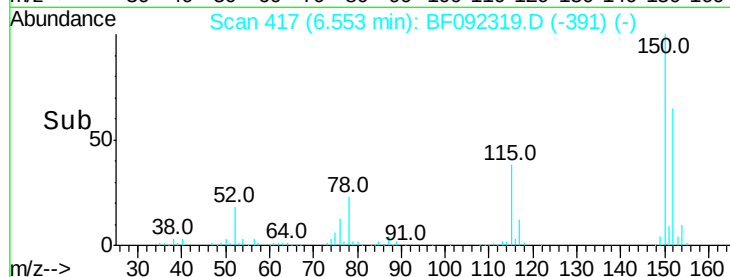
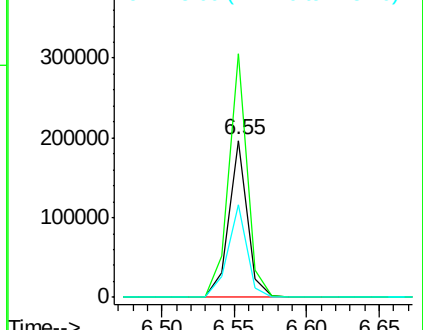
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Instrument :
BNA_F
ClientSampleId :
PB96060BL

Tot Ion:152 Resp: 174561
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.8 46.0 69.0



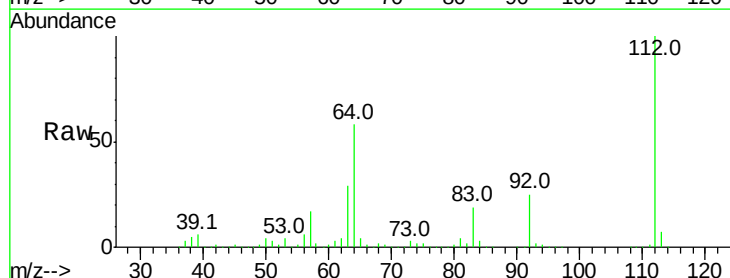
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



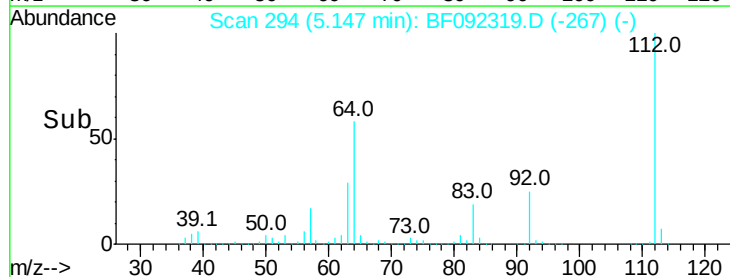
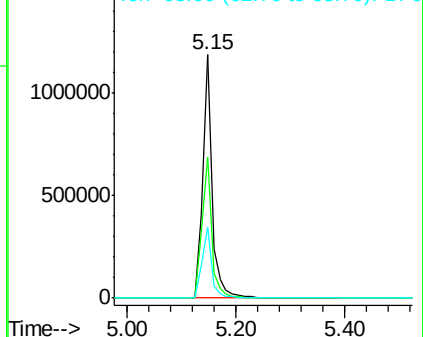
#5

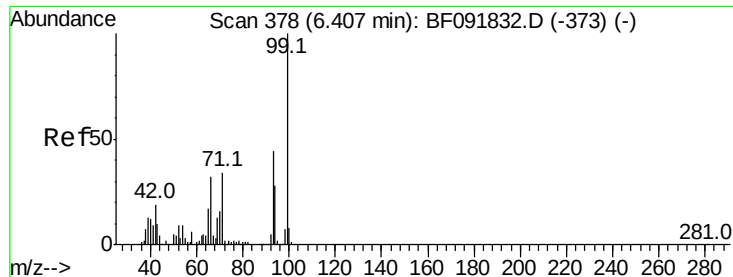
2-Fluorophenol
Concen: 133.47 ng
RT: 5.15 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Tgt Ion:112 Resp: 1395322
Ion Ratio Lower Upper
112 100
64 57.9 46.1 69.1
63 29.1 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: 127.25 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

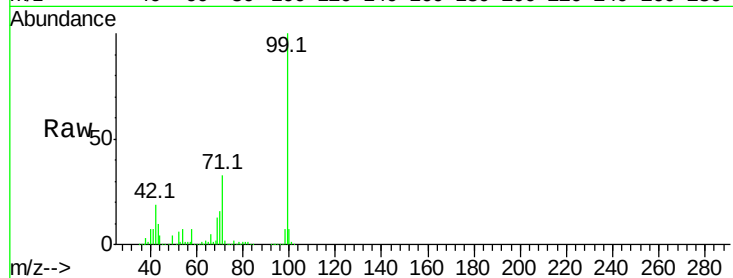
Tot Ion: 99 Resp: 1624162

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

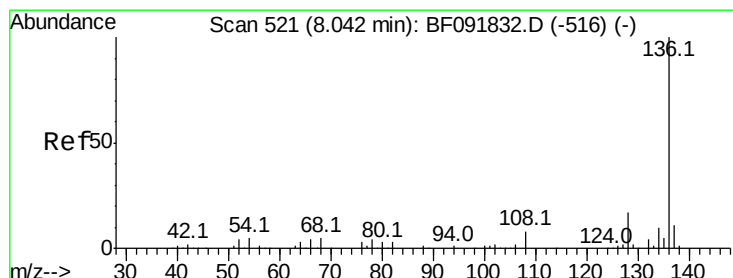
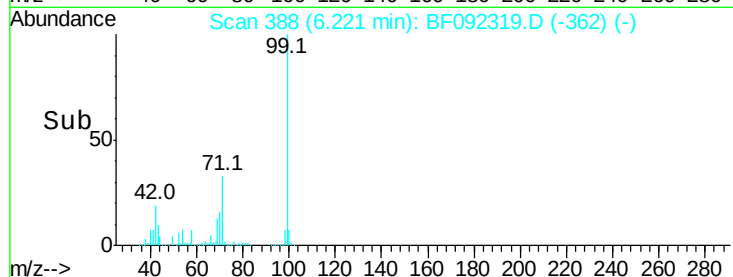
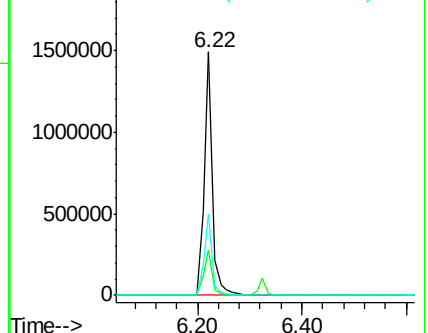
71 33.2 27.5 41.3



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: 7.84 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Tgt Ion: 136 Resp: 625237

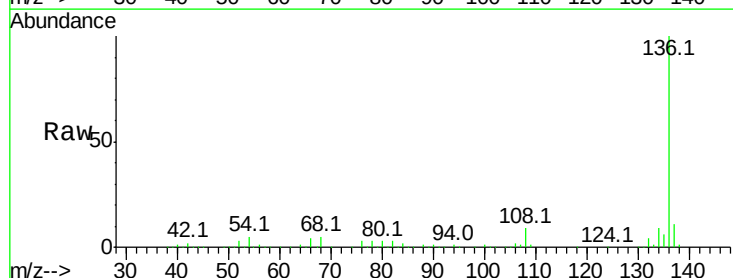
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 5.5 4.5 6.7

68 4.8 3.6 5.4

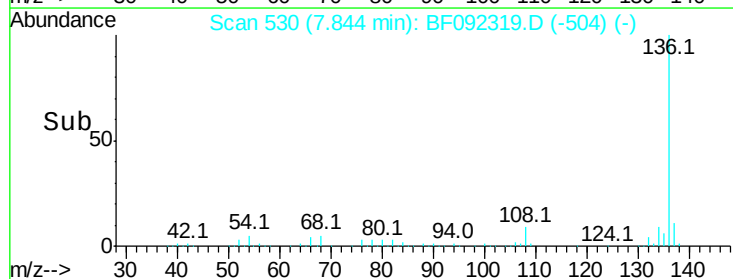
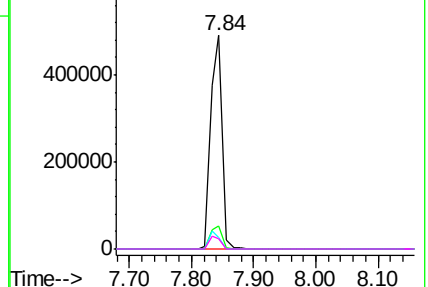


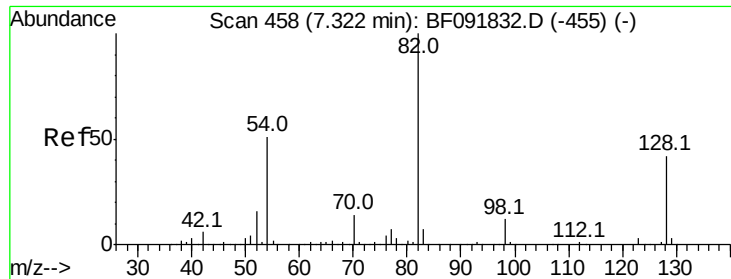
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.26 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

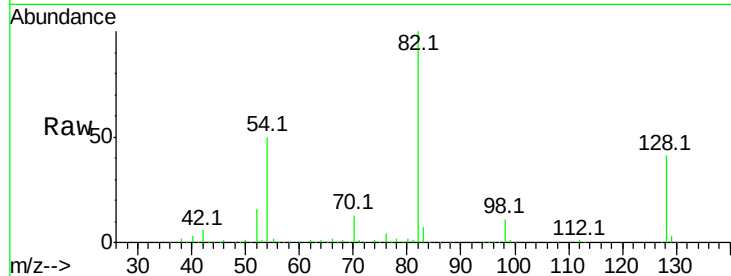
Tot Ion: 82 Resp: 913671

Ion Ratio Lower Upper

82 100

128 40.7 34.6 52.0

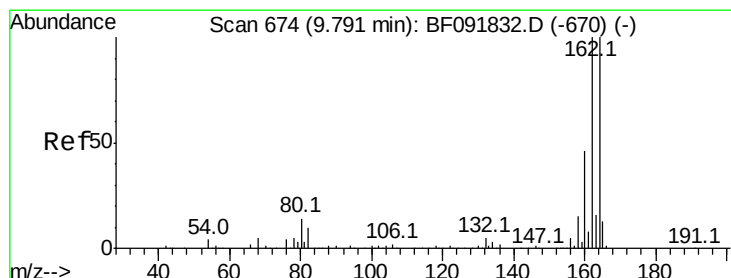
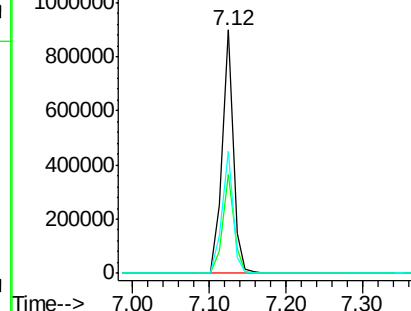
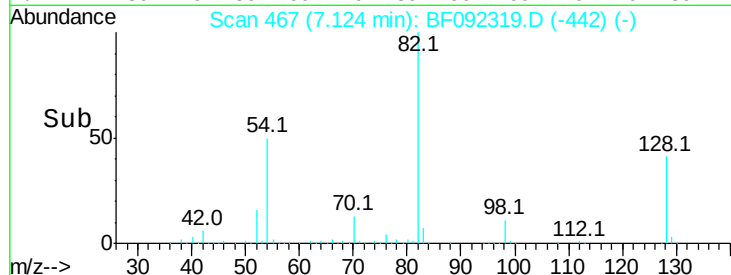
54 50.1 39.5 59.3



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: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

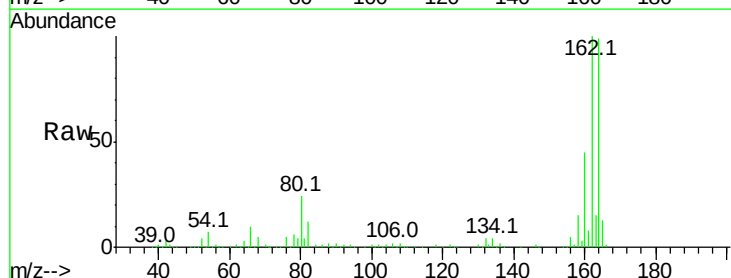
Tgt Ion:164 Resp: 327243

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

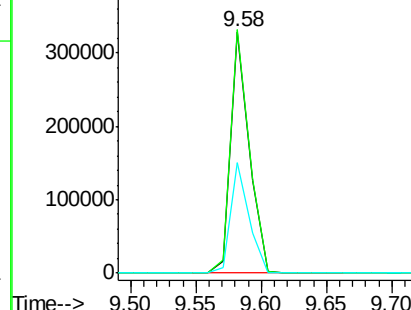
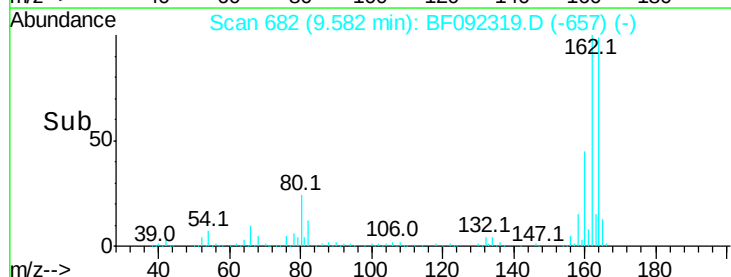
160 45.8 36.9 55.3

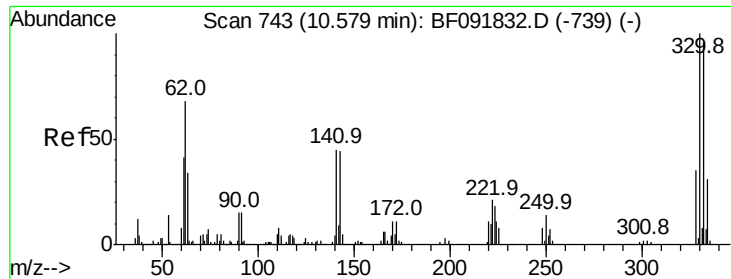


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

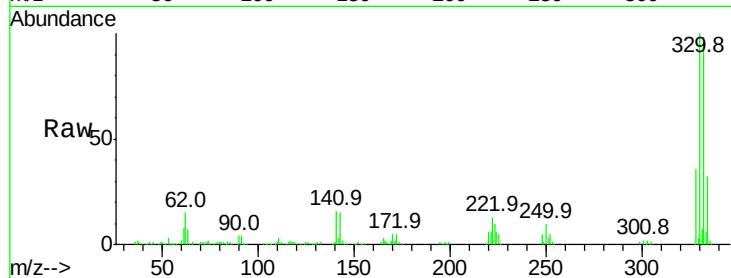




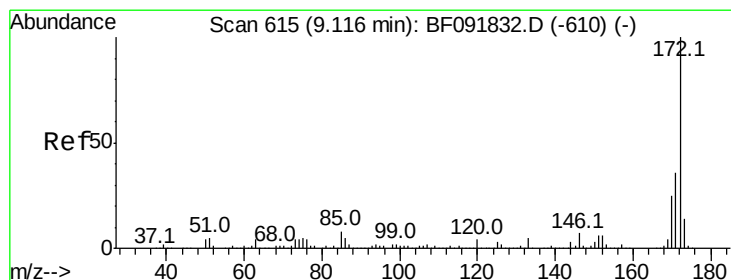
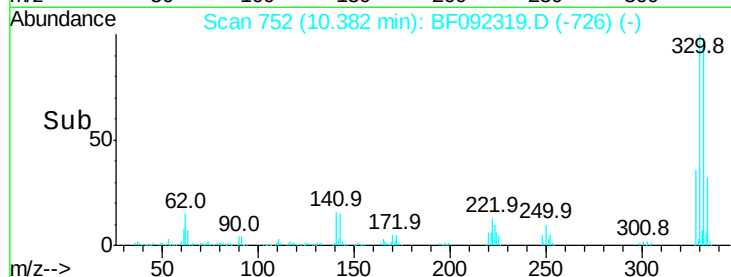
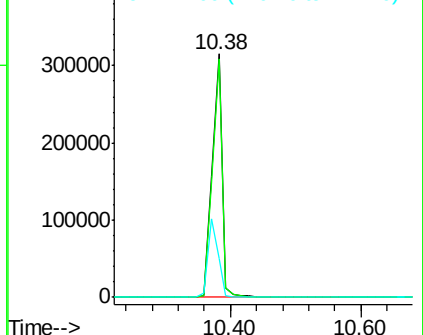
#41
 2,4,6-Tribromophenol
 Concen: 126.75 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 PB96060BL

Tot Ion:330 Resp: 343262
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 33.0 34.1 51.1#

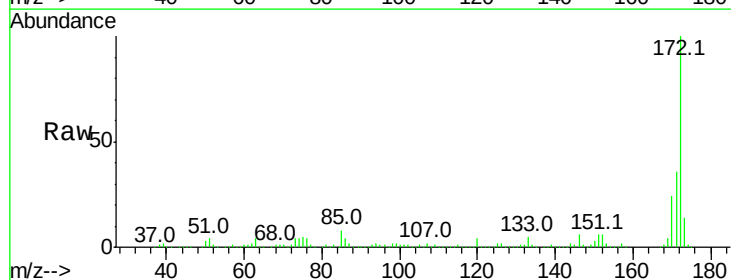


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

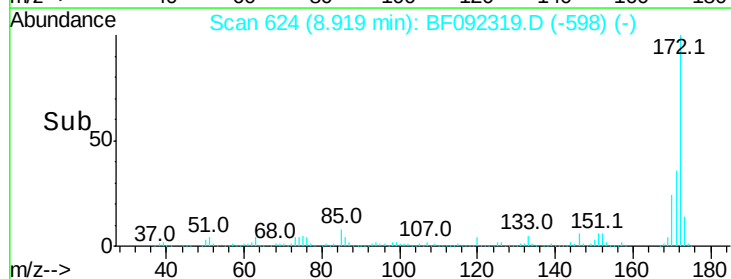
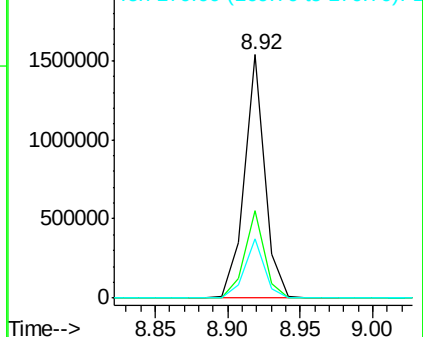


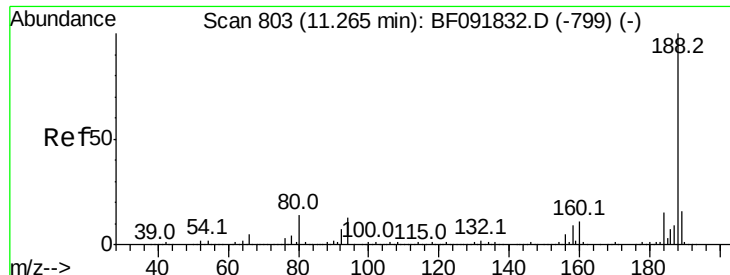
#44
 2-Fluorobiphenyl
 Concen: 95.80 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092319.D
 Acq: 17 Jan 2017 16:38

Tgt Ion:172 Resp: 1503862
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 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

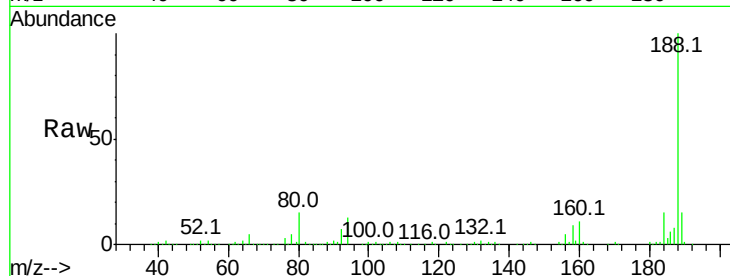




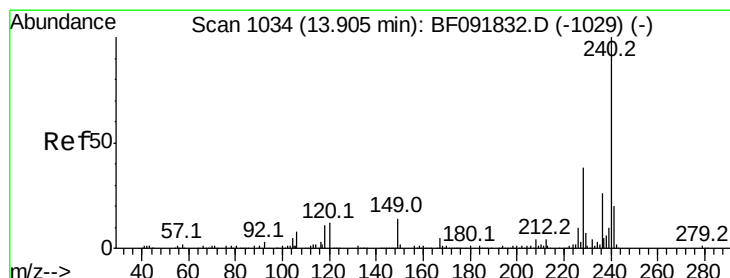
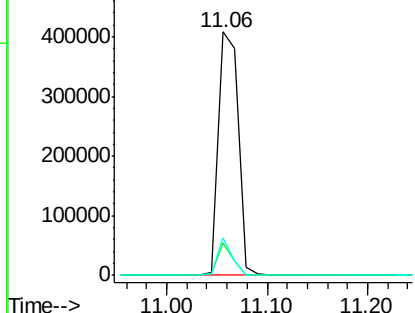
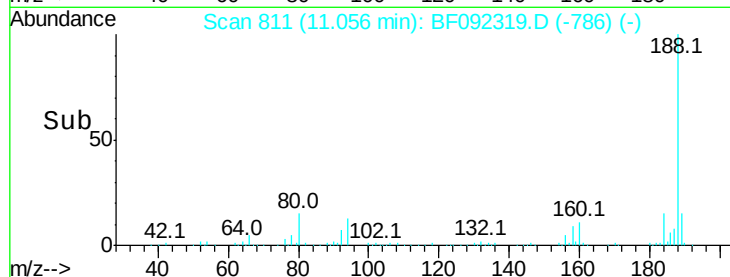
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Instrument :
BNA_F
ClientSampleId :
PB96060BL

Tot Ion:188 Resp: 558872
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 15.3 11.2 16.8

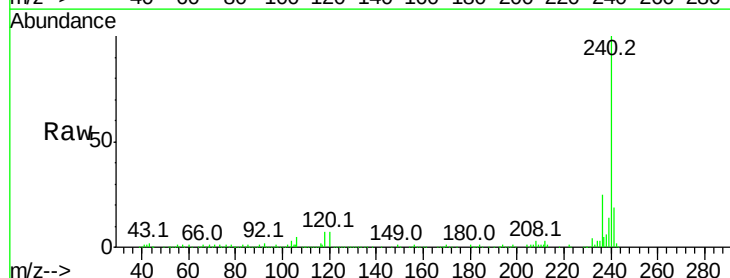


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

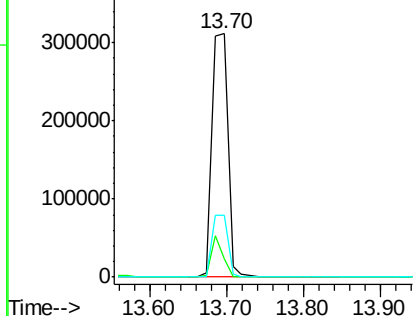
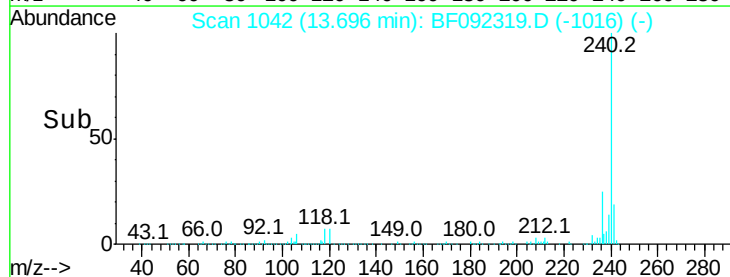


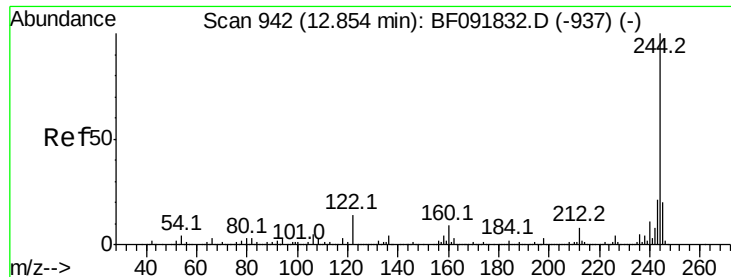
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF092319.D
Acq: 17 Jan 2017 16:38

Tgt Ion:240 Resp: 444116
Ion Ratio Lower Upper
240 100
120 7.3 12.9 19.3#
236 25.4 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: 89.41 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Instrument :

BNA_F

ClientSampleId :

PB96060BL

Tot Ion:244 Resp: 1637248

Ion Ratio Lower Upper

244 100

212 6.8

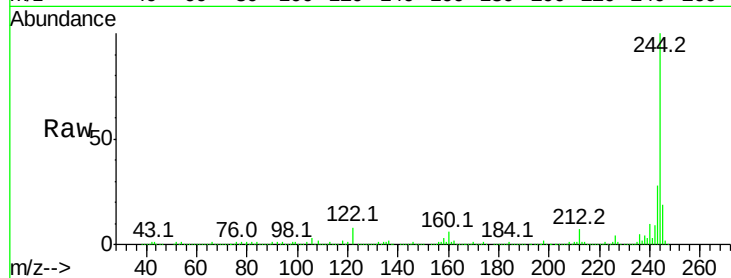
6.2

9.2

122 8.2

11.4

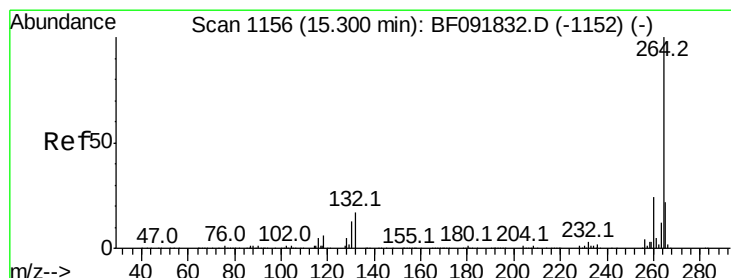
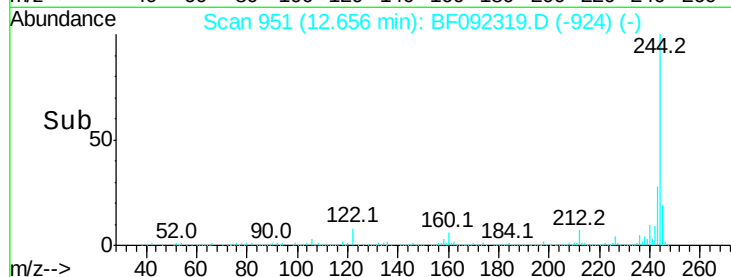
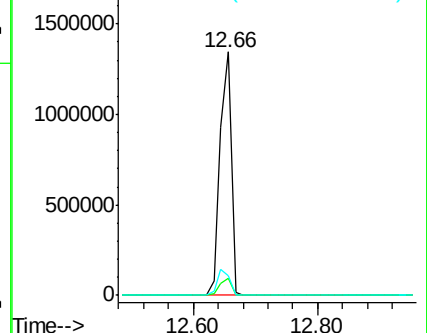
17.2#



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: 15.03 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF092319.D

Acq: 17 Jan 2017 16:38

Tgt Ion:264 Resp: 341525

Ion Ratio Lower Upper

264 100

260 23.9

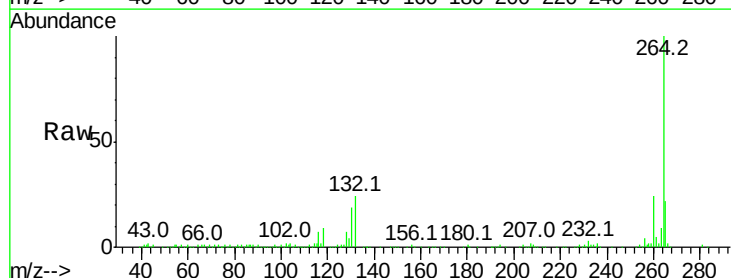
19.2

28.8

265 21.8

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

