

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF092997.D
 Acq On : 16 Feb 2017 22:43
 Operator : SJ/MA
 Sample : I1837-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Feb 17 00:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 23:55:37 2017
 Response via : Initial Calibration

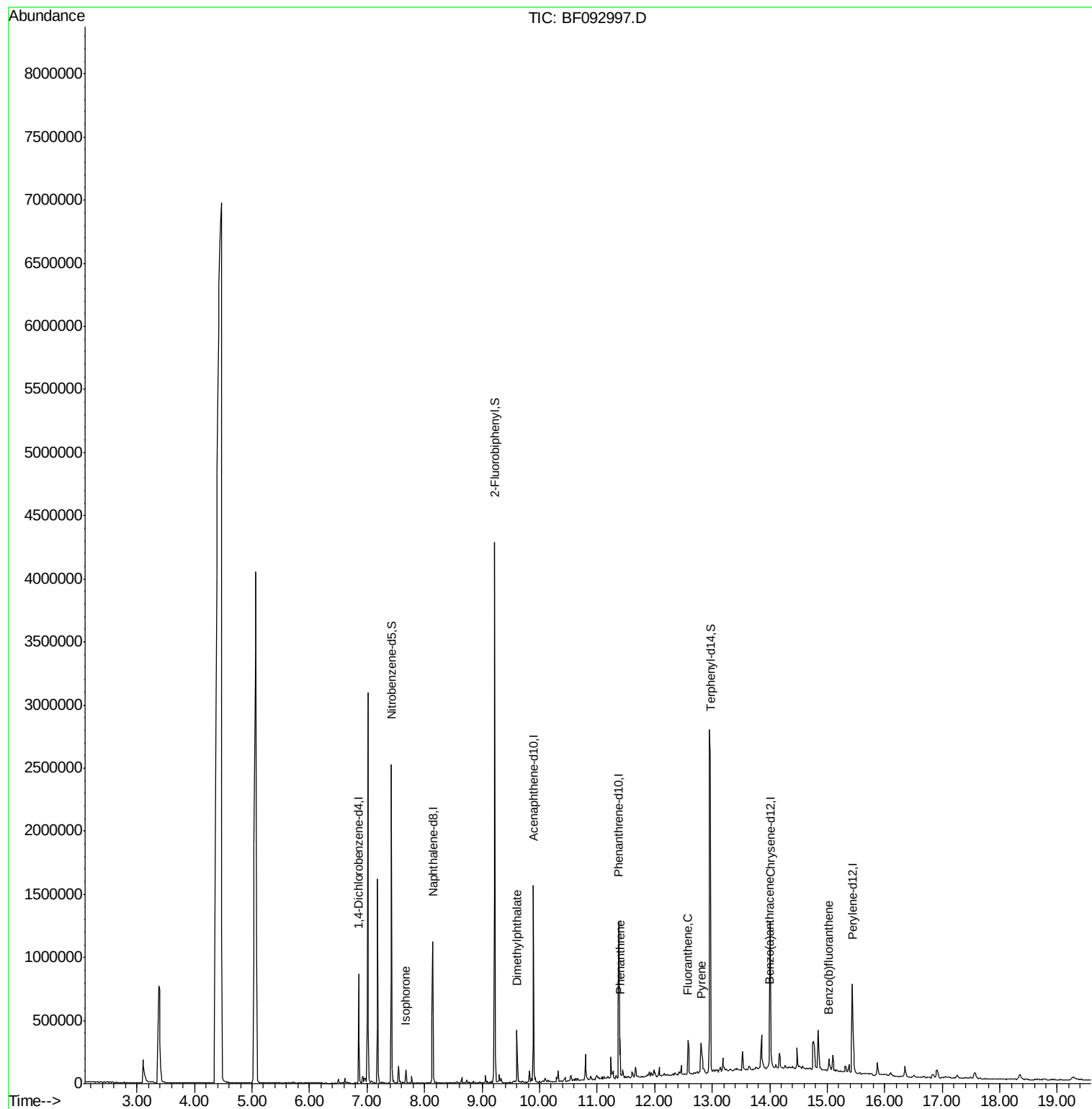
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138696	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	572277	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	317454	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	516633	20.00	ng	0.00
75) Chrysene-d12	14.01	240	377455	20.00	ng	-0.01
86) Perylene-d12	15.44	264	304172	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.50	99	13703	1.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	825539	80.33	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.22	172	1395567	79.64	ng	0.00
78) Terphenyl-d14	12.97	244	1278161	79.57	ng	0.00
Target Compounds						
25) Isophorone	7.68	82	40425	2.11	ng	95
49) Dimethylphthalate	9.61	163	179057	8.37	ng	99
70) Phenanthrene	11.40	178	137916	4.66	ng	96
74) Fluoranthene	12.58	202	147075	4.82	ng	94
77) Pyrene	12.81	202	122256	4.33	ng	97
80) Benzo(a)anthracene	14.00	228	52551	2.28	ng	98
87) Benzo(b)fluoranthene	15.03	252	51318m	2.56	ng	

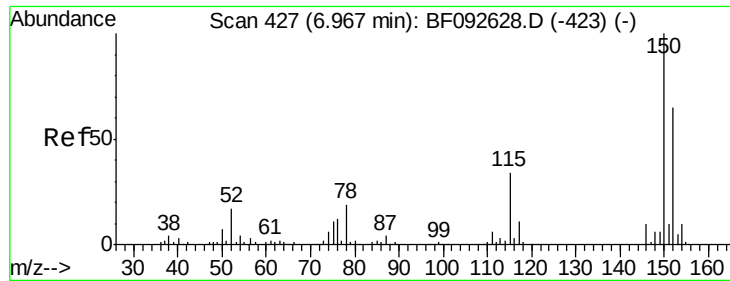
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 00:21:11 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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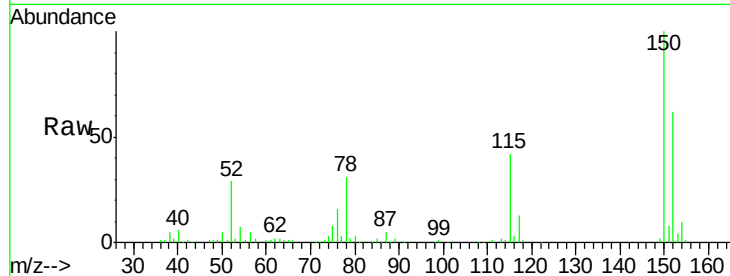


#1

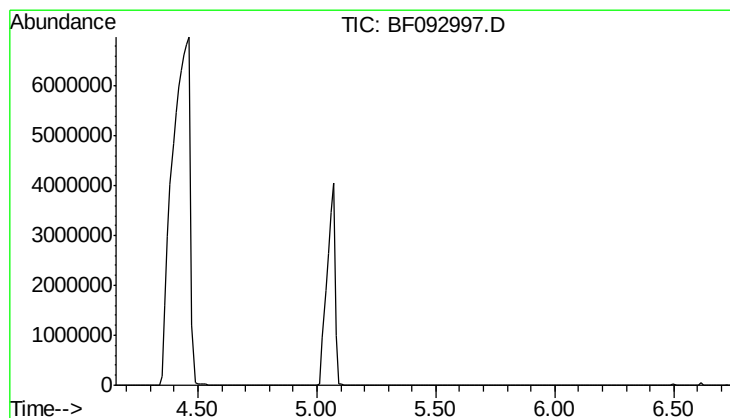
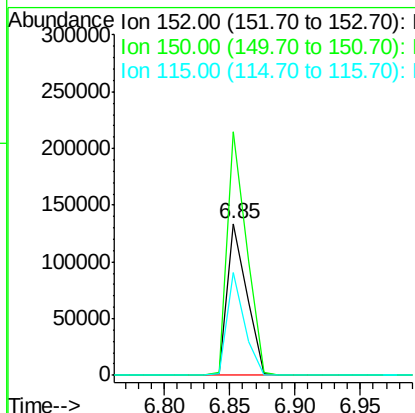
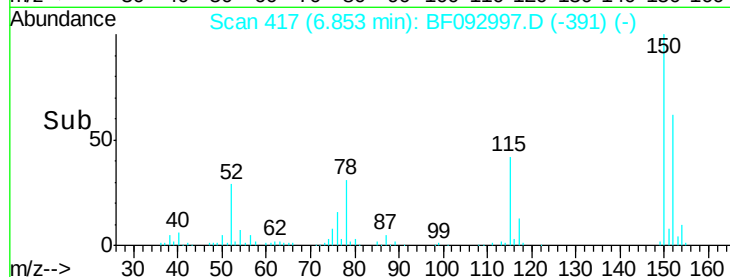
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion:152 Resp: 138696
Ion Ratio Lower Upper
152 100
150 160.8 124.9 187.3
115 67.5 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

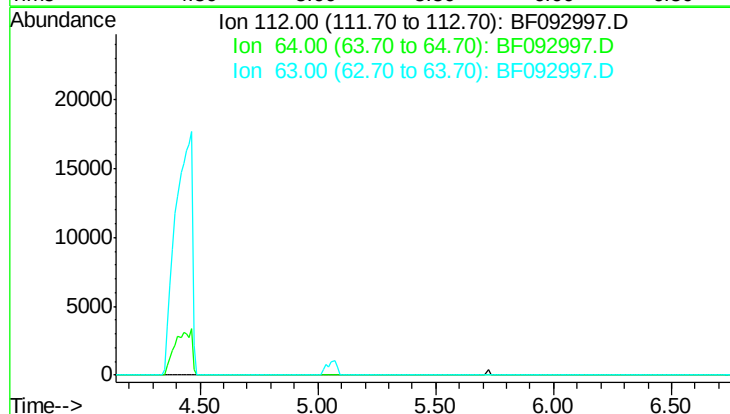


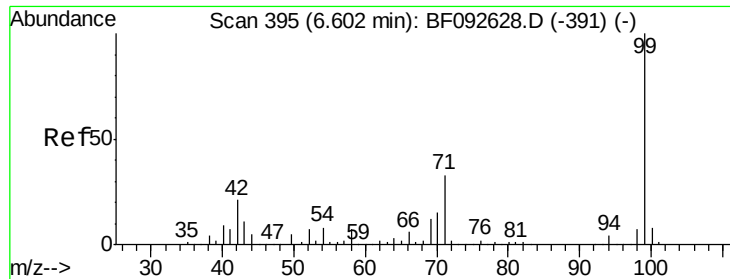
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.45 min

Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.6
63 29.7





#7

Phenol-d6

Concen: 1.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampleId :

P-1

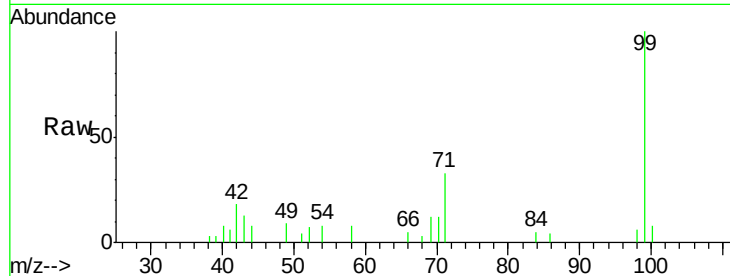
Tgt Ion: 99 Resp: 13703

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

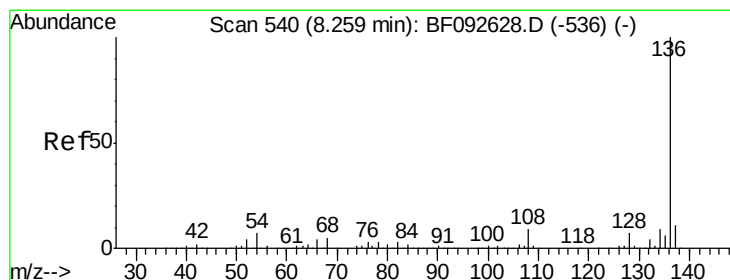
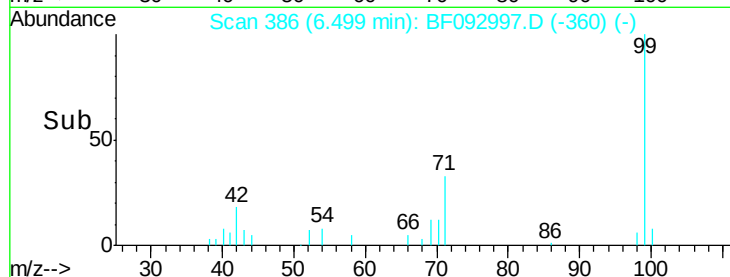
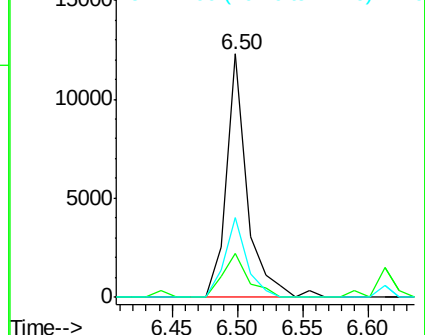
71 32.9 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Tgt Ion: 136 Resp: 572277

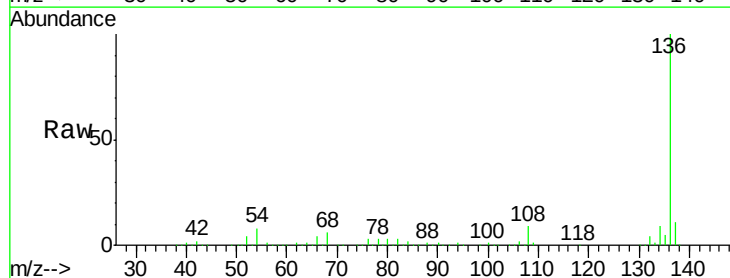
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 8.1 4.5 6.7#

68 5.7 3.6 5.4#

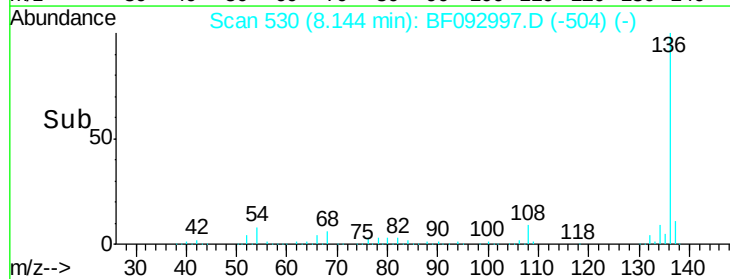
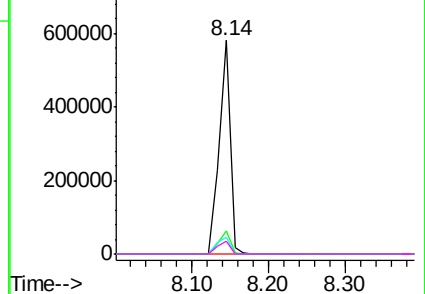


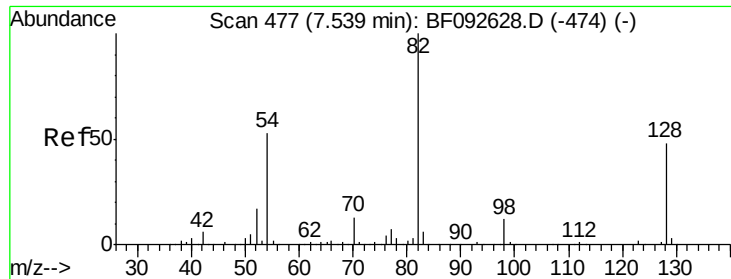
Abundance Ion 136.00 (135.70 to 136.70): E

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

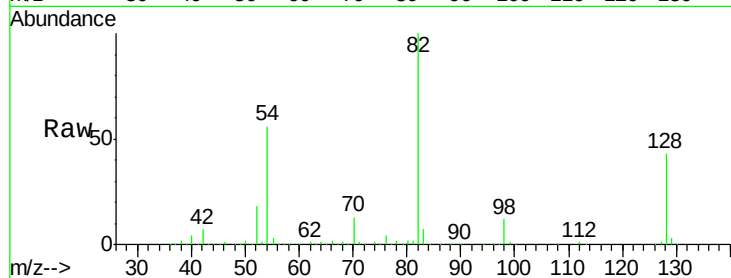




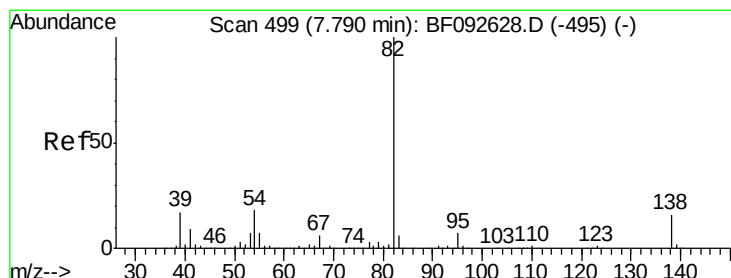
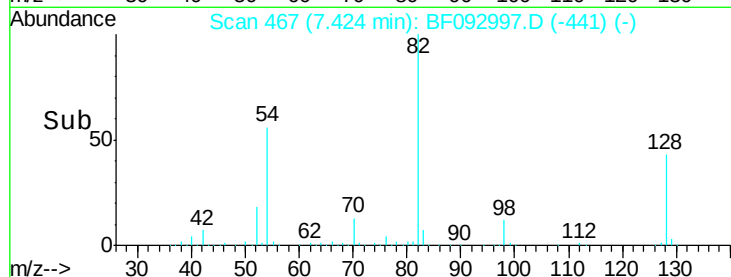
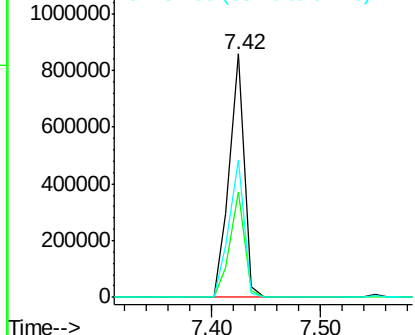
#23
 Nitrobenzene-d5
 Concen: 80.33 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF092997.D
 Acq: 16 Feb 2017 22:43

Instrument :
 BNA_F
 ClientSampleID :
 P-1

Tgt Ion: 82 Resp: 825539
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 56.4 39.5 59.3

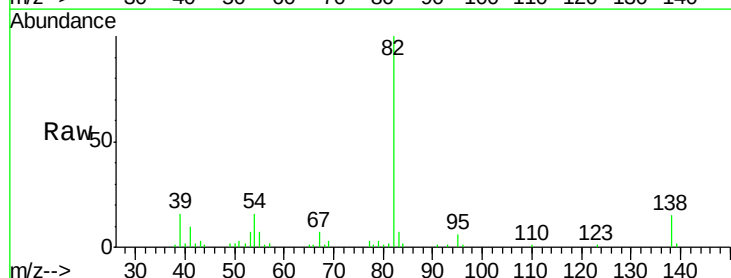


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

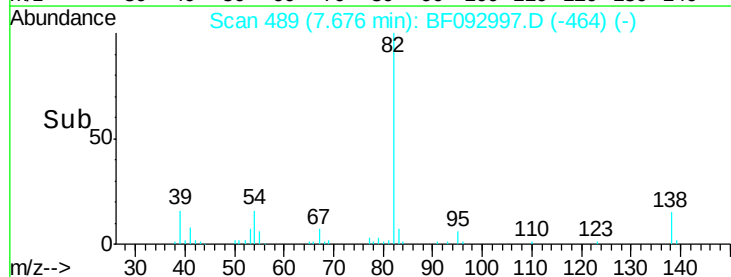
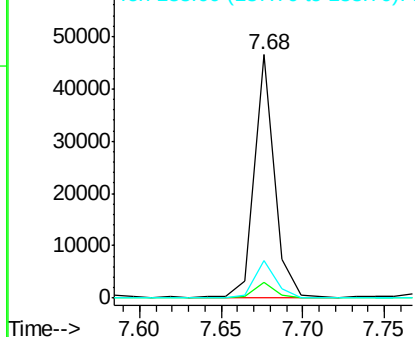


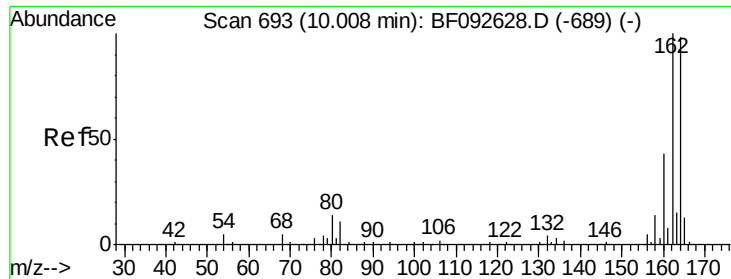
#25
 Isophorone
 Concen: 2.11 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF092997.D
 Acq: 16 Feb 2017 22:43

Tgt Ion: 82 Resp: 40425
 Ion Ratio Lower Upper
 82 100
 95 6.5 5.6 8.4
 138 15.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampleId :

P-1

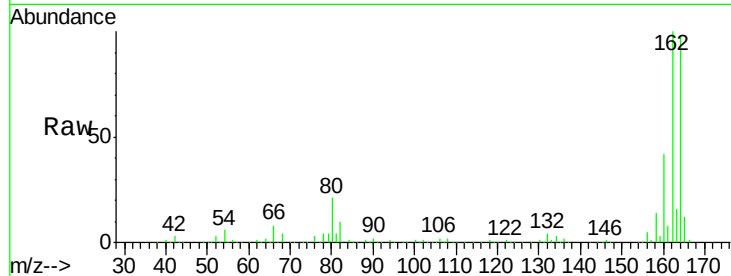
Tgt Ion:164 Resp: 317454

Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

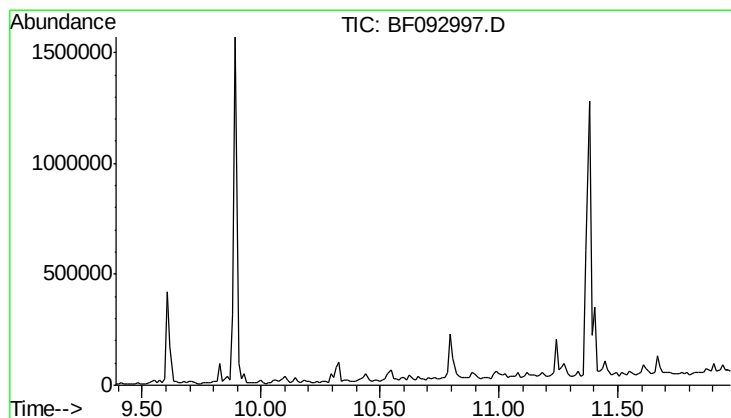
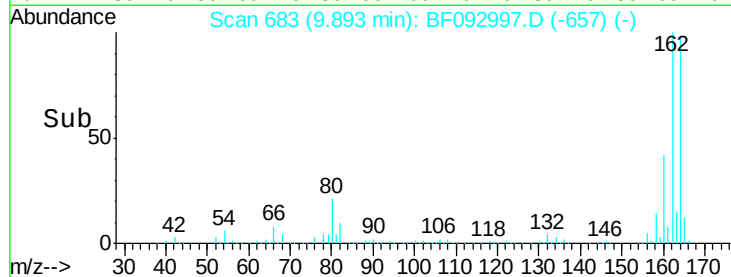
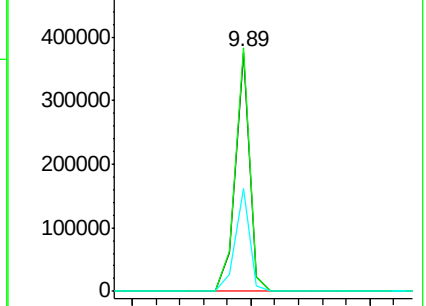
160 43.1 36.9 55.3



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: 0.00 ng

Expected RT: 10.68 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

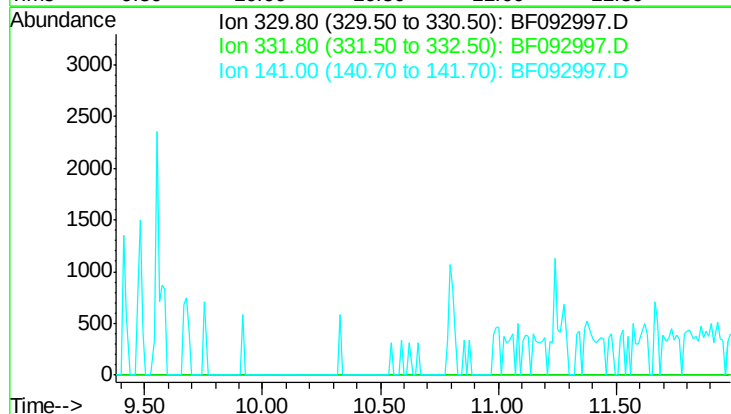
Tgt Ion: 330

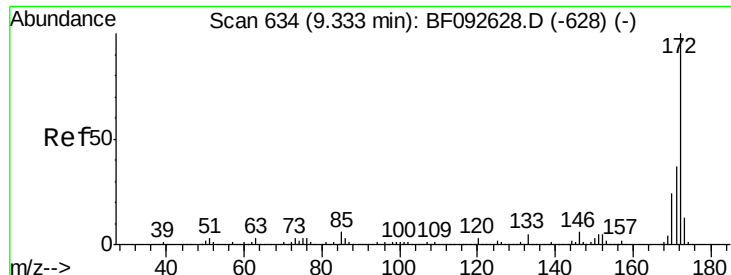
Sig Exp Ratio

330 100

332 96.8

141 42.6

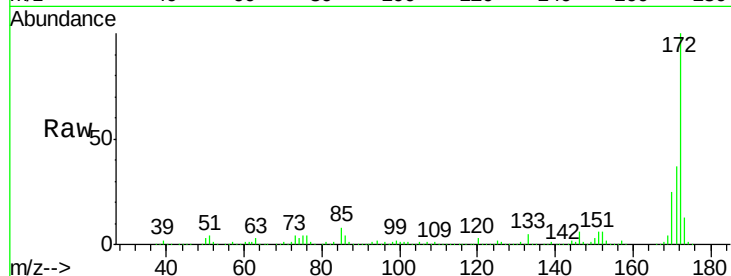




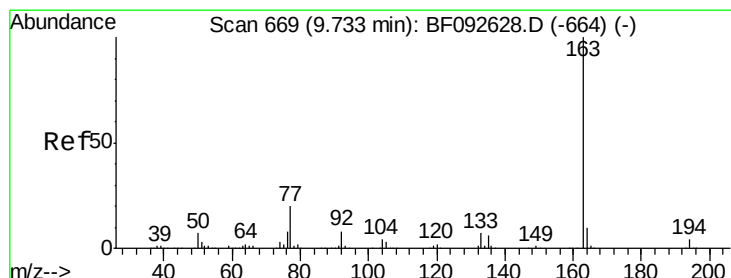
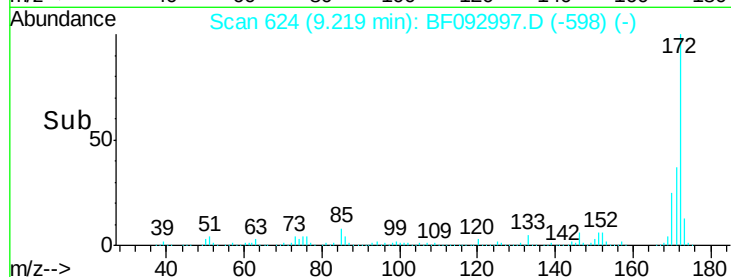
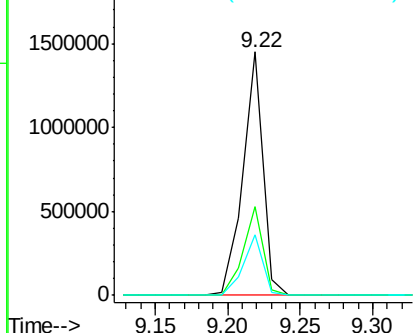
#44
2-Fluorobiphenyl
Concen: 79.64 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion:172 Resp: 1395567
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.0
170 24.6 20.2 30.4

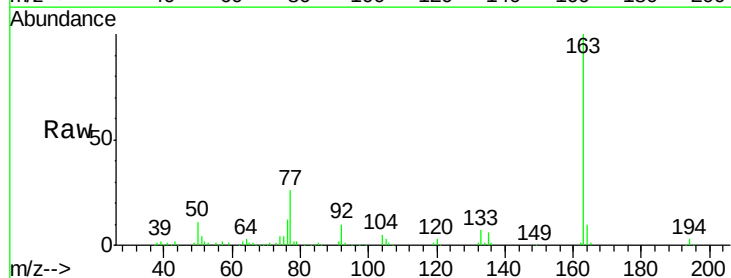


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

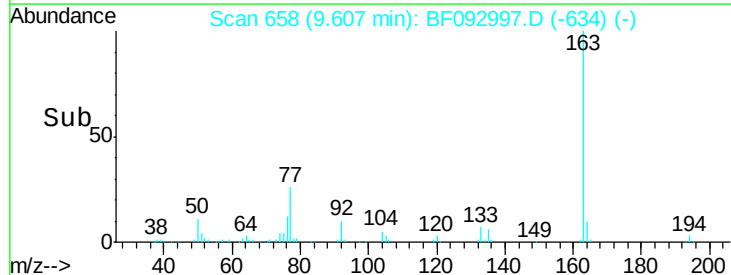
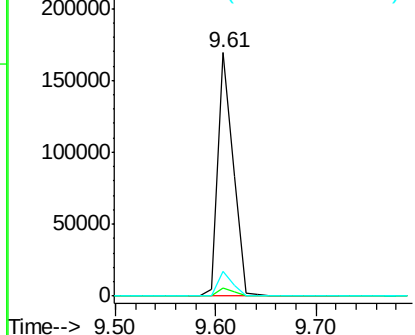


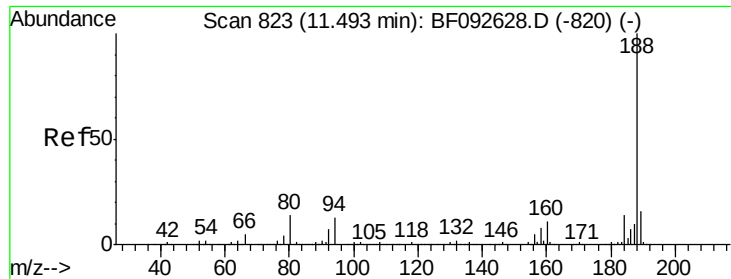
#49
Dimethylphthalate
Concen: 8.37 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

Tgt Ion:163 Resp: 179057
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 9.9 8.0 12.0



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

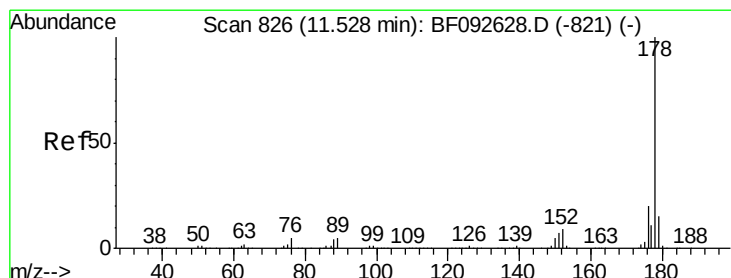
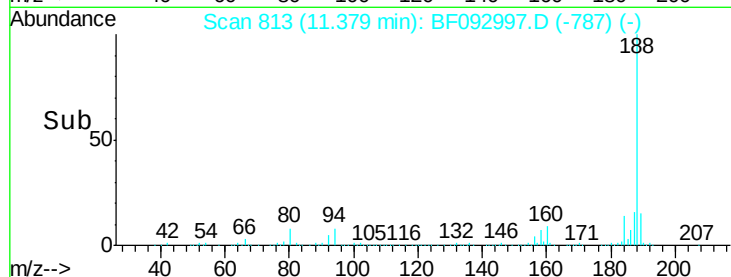
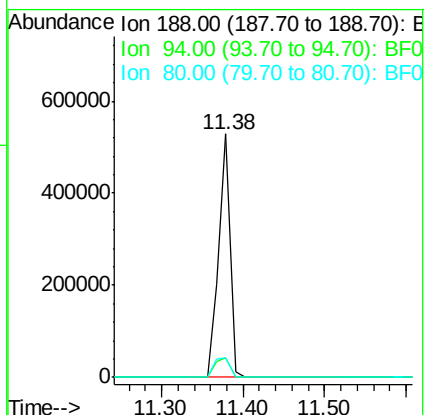
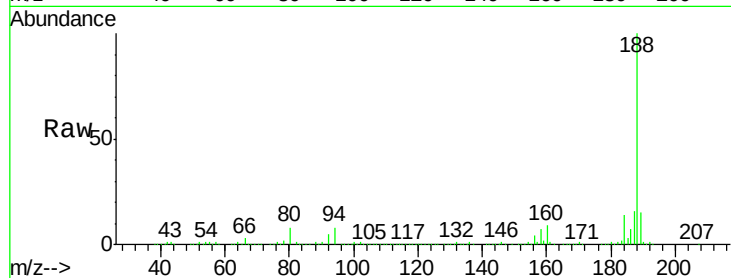




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

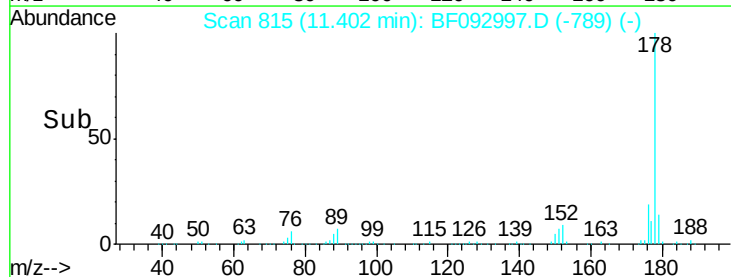
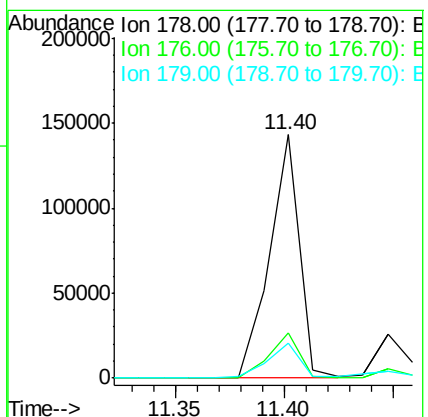
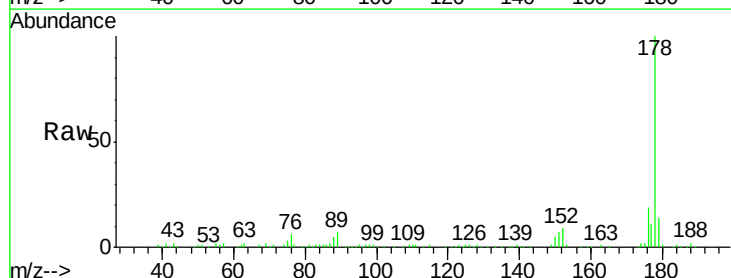
Instrument :
BNA_F
ClientSampleId :
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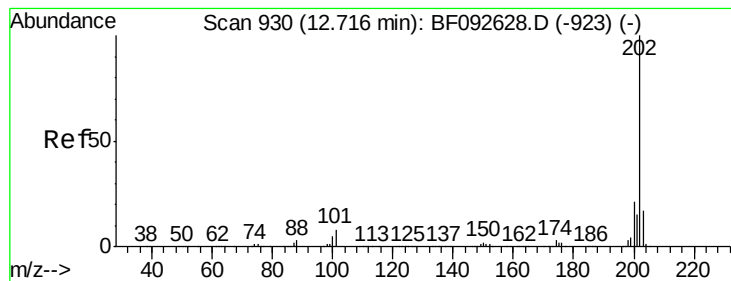
Tgt Ion:188 Resp: 516633
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.2 11.2 16.8#



#70
Phenanthrene
Concen: 4.66 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092997.D
Acq: 16 Feb 2017 22:43

Tgt Ion:178 Resp: 137916
Ion Ratio Lower Upper
178 100
176 18.6 16.6 25.0
179 14.4 12.8 19.2





#74

Fluoranthene

Concen: 4.82 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampled :

P-1

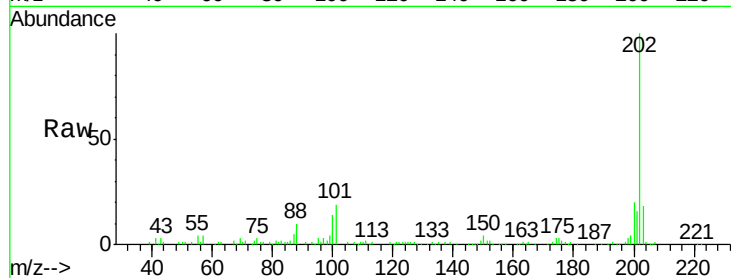
Tgt Ion:202 Resp: 147075

Ion Ratio Lower Upper

202 100

101 18.6 0.0 34.6

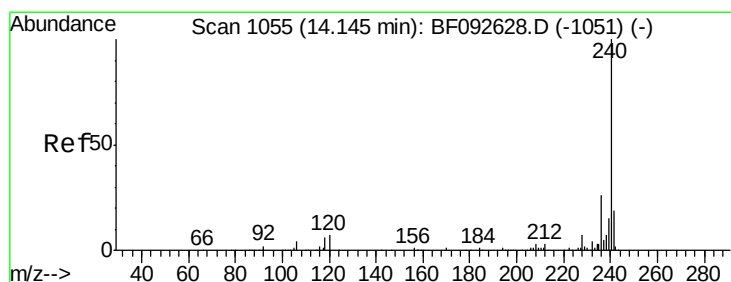
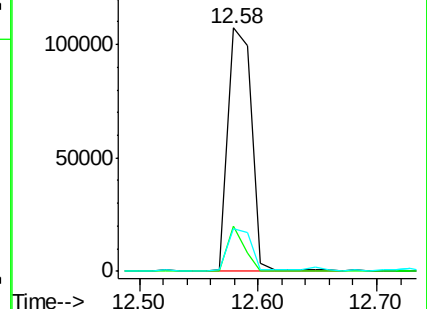
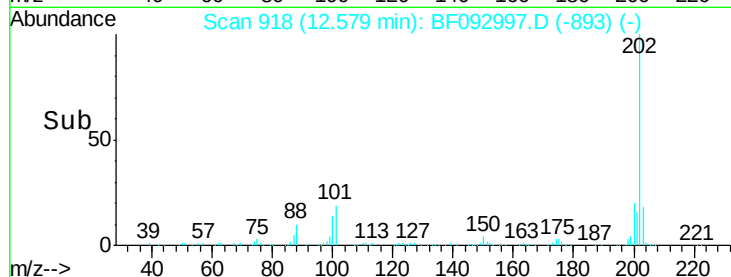
203 17.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

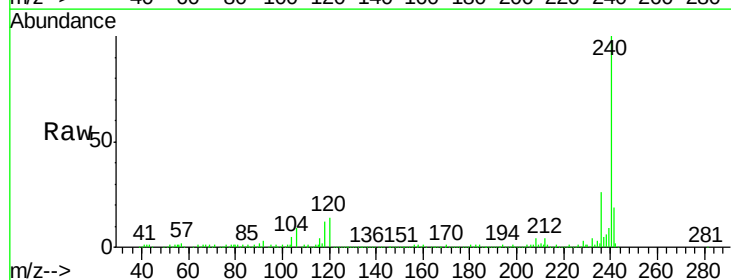
Tgt Ion:240 Resp: 377455

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

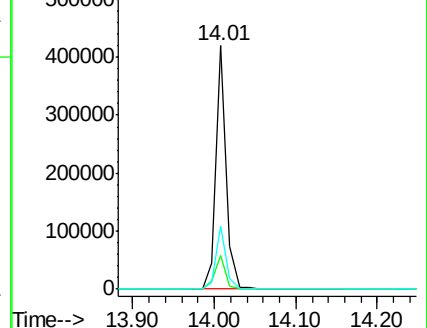
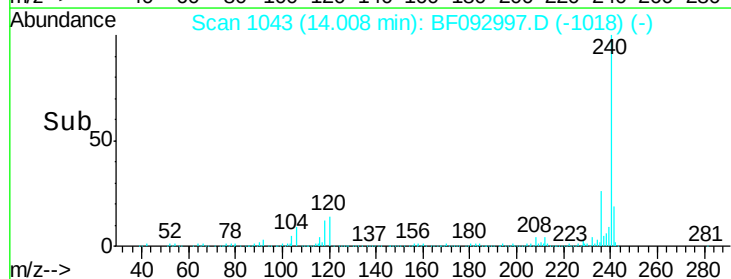
236 25.8 20.9 31.3

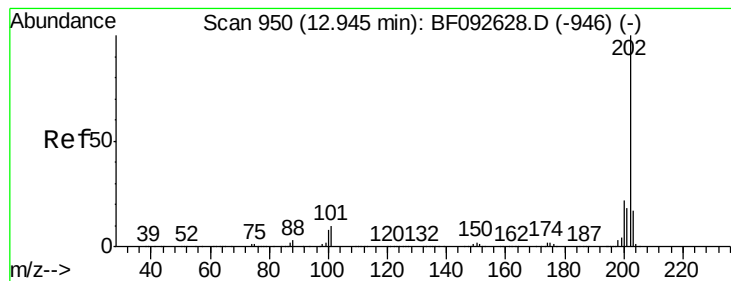


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.33 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampleId :

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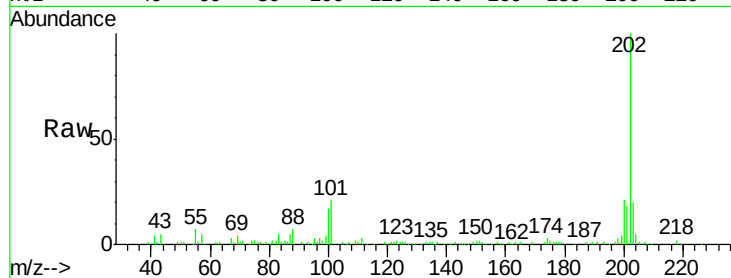
Tgt Ion: 202 Resp: 122256

Ion Ratio Lower Upper

202 100

200 20.8 17.7 26.5

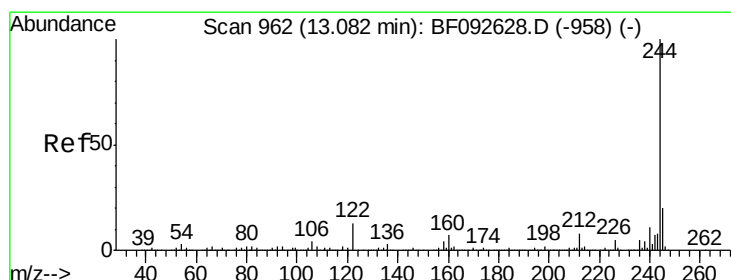
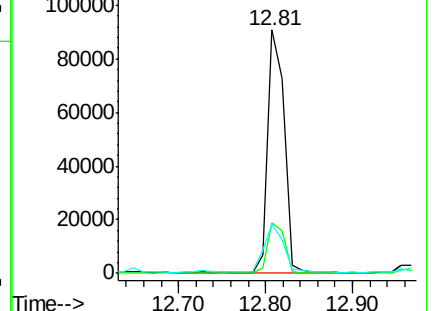
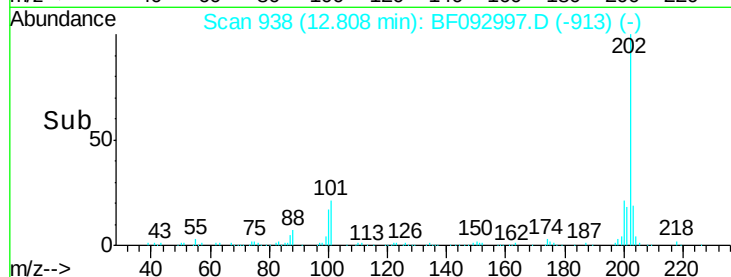
203 19.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.57 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

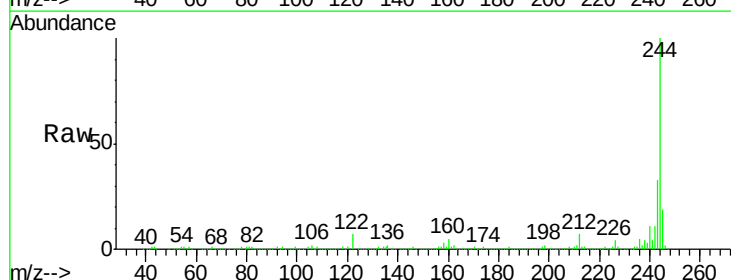
Tgt Ion: 244 Resp: 1278161

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

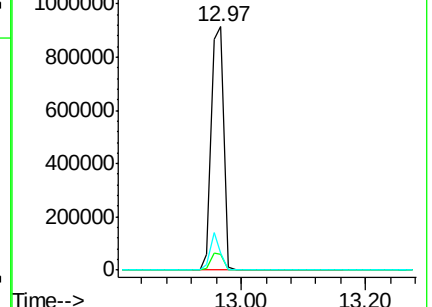
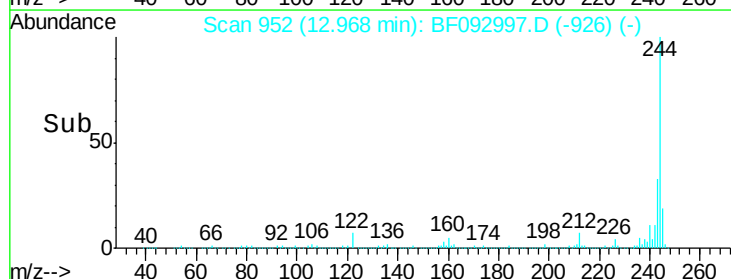
122 6.9 11.4 17.2#

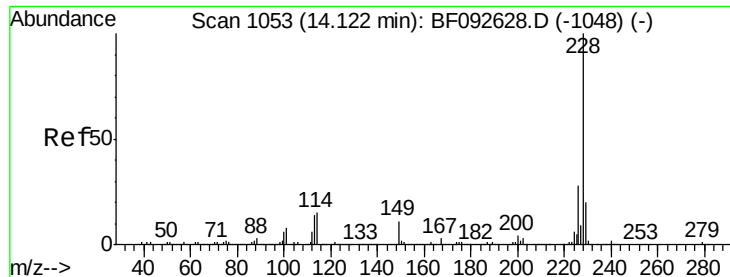


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.28 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampleId :

P-1

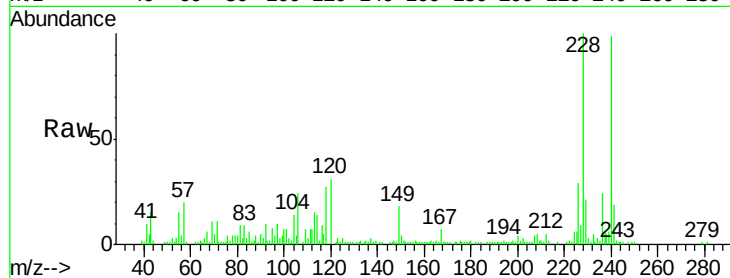
Tgt Ion:228 Resp: 52551

Ion Ratio Lower Upper

228 100

226 29.0 22.4 33.6

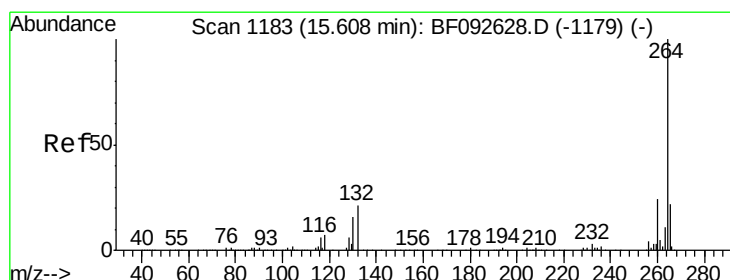
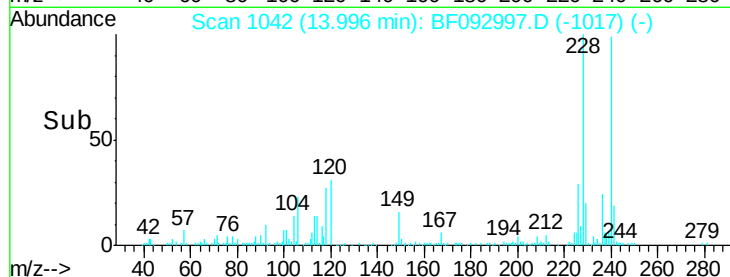
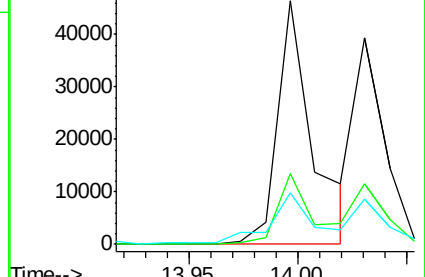
229 21.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

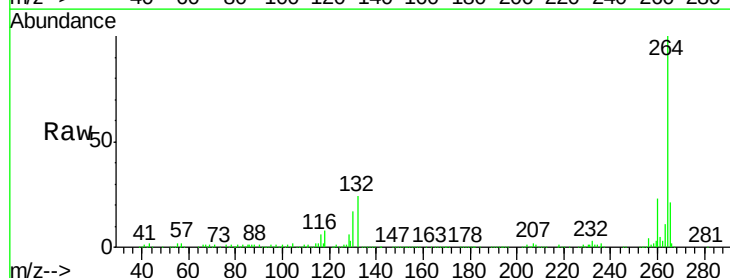
Tgt Ion:264 Resp: 304172

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

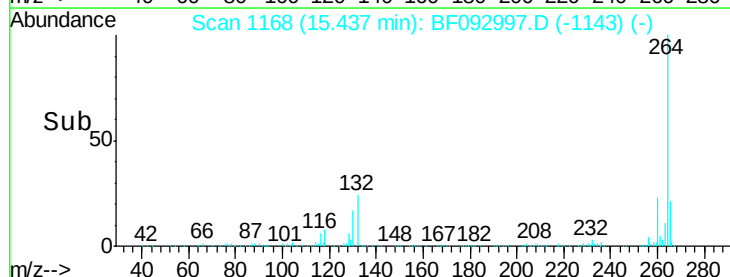
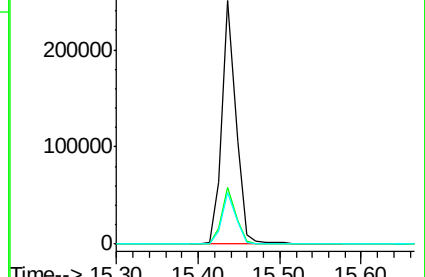
265 21.4 17.4 26.0

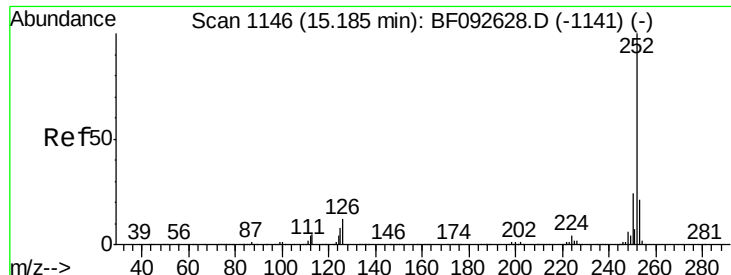


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.56 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF092997.D

Acq: 16 Feb 2017 22:43

Instrument :

BNA_F

ClientSampleId :

P-1

Tgt Ion:252 Resp: 51318

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

125 18.3 9.8 14.6#

