

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094525.D
 Acq On : 19 Apr 2017 19:36
 Operator : SJ/MA
 Sample : I2750-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U5-BASE

Quant Time: Apr 20 04:39:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

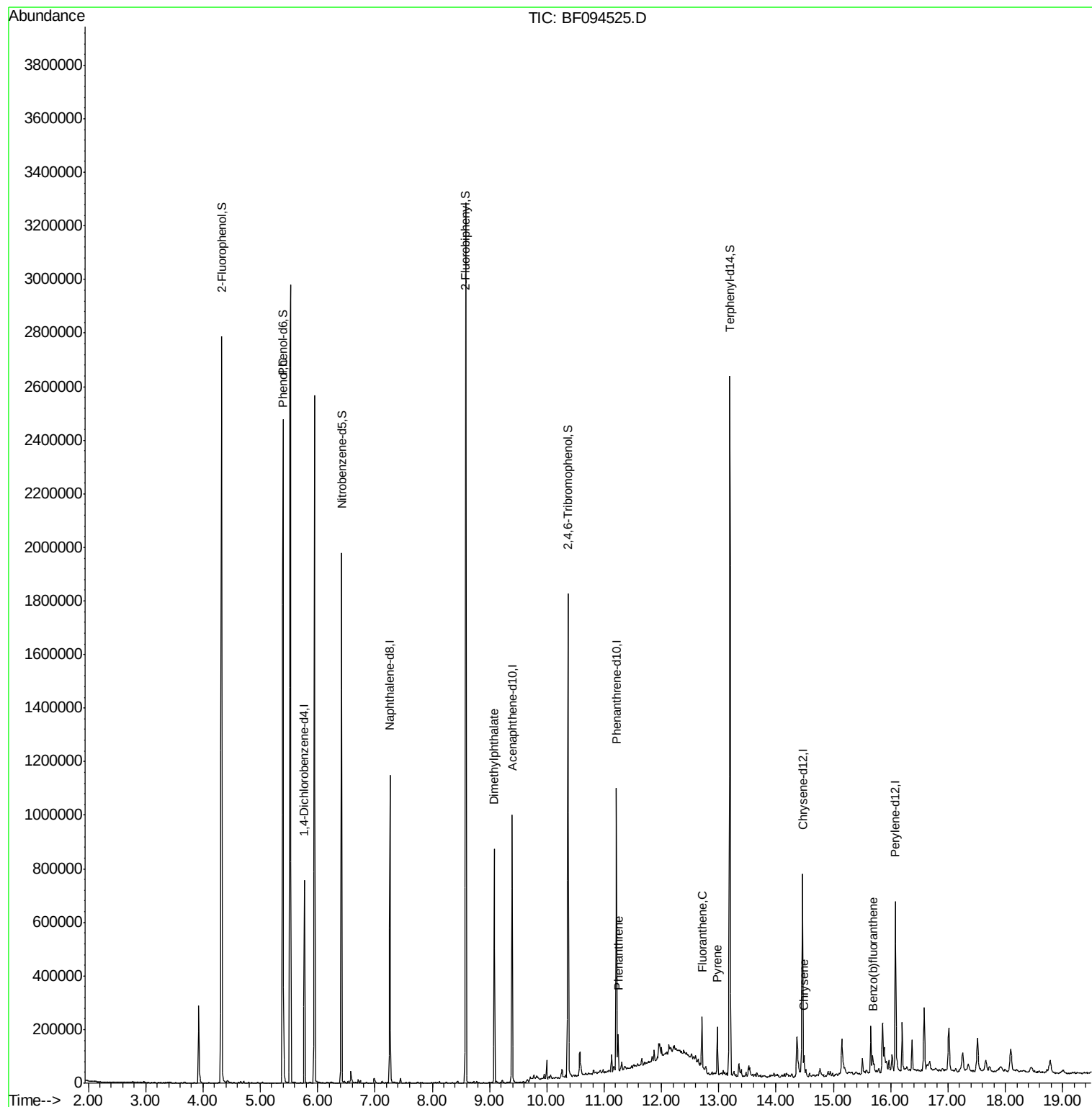
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125503	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	537131	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	211279	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	404891	20.00	ng	0.00
75) Chrysene-d12	14.46	240	279803	20.00	ng	0.00
86) Perylene-d12	16.08	264	238674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	842972	111.44	ng	0.02
7) Phenol-d6	5.40	99	1084713	121.63	ng	0.00
23) Nitrobenzene-d5	6.42	82	683545	78.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	223659	135.34	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1230914	85.72	ng	0.00
78) Terphenyl-d14	13.19	244	970285	92.69	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.41	94	25973	2.37	ng	97
49) Dimethylphthalate	9.08	163	362769	23.04	ng	99
70) Phenanthrene	11.24	178	51953	2.28	ng	98
74) Fluoranthene	12.71	202	75157	3.18	ng	99
77) Pyrene	12.98	202	73149	3.74	ng	97
82) Chrysene	14.49	228	30648	2.06	ng	97
87) Benzo(b)fluoranthene	15.68	252	31065m	2.13	ng	

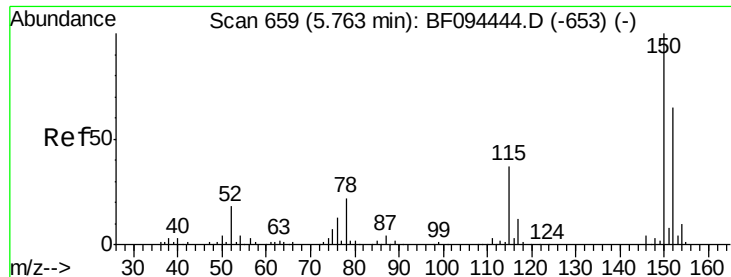
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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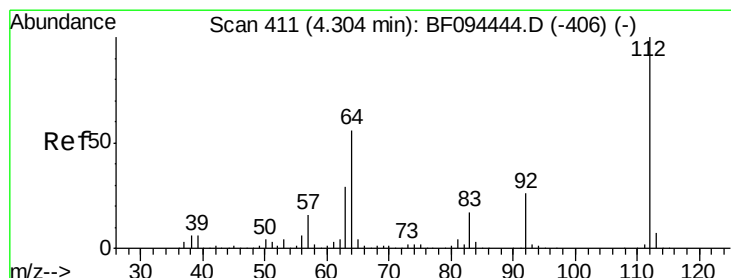
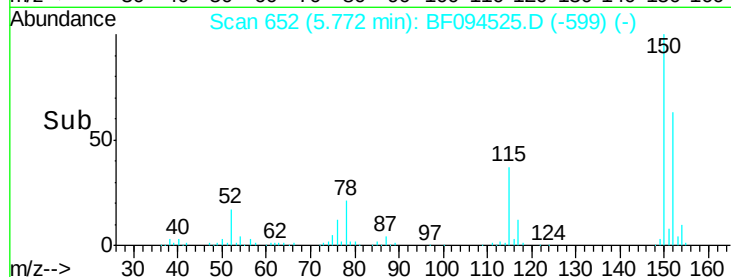
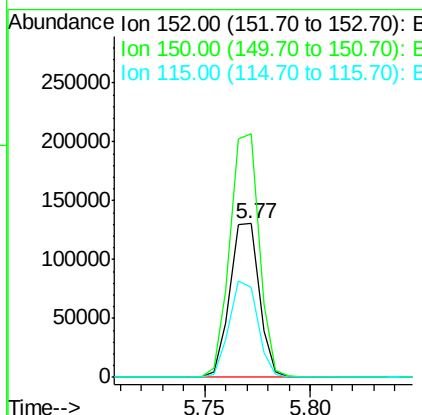
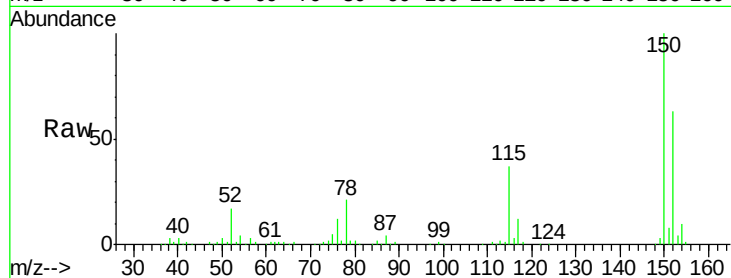


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Instrument :
BNA_F
ClientSampleId :
E2-U5-BASE

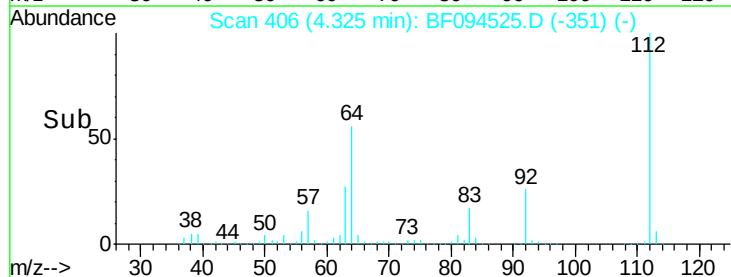
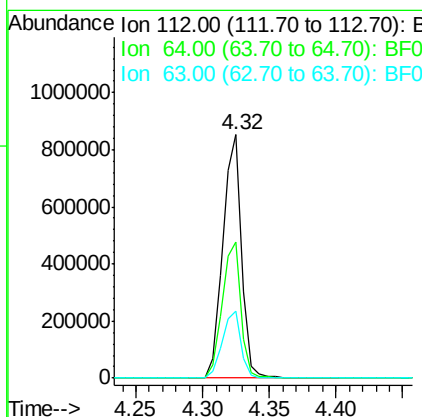
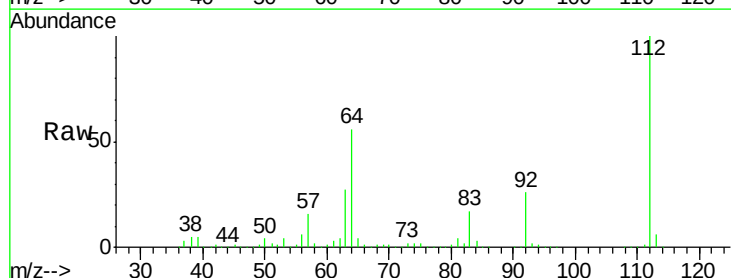
Tgt Ion:152 Resp: 125503
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 58.7 52.2 78.2

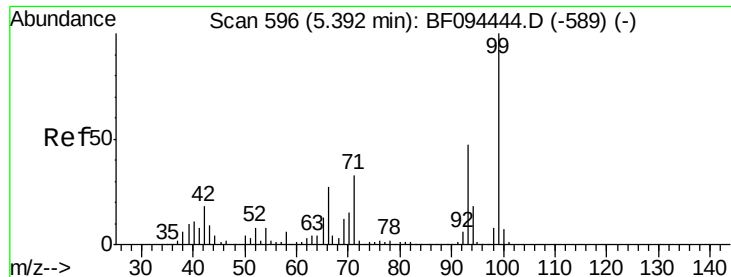


#5

2-Fluorophenol
Concen: 111.44 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Tgt Ion:112 Resp: 842972
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.5 23.4 35.0





#7

Phenol-d6

Concen: 121.63 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

E2-U5-BASE

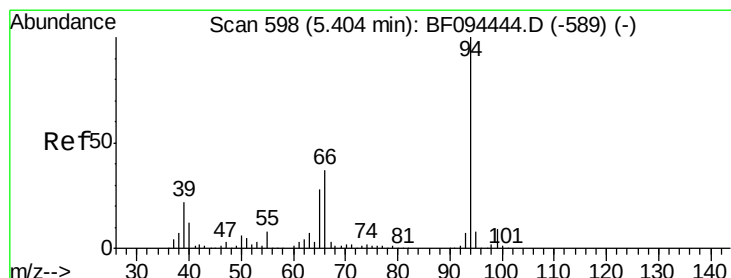
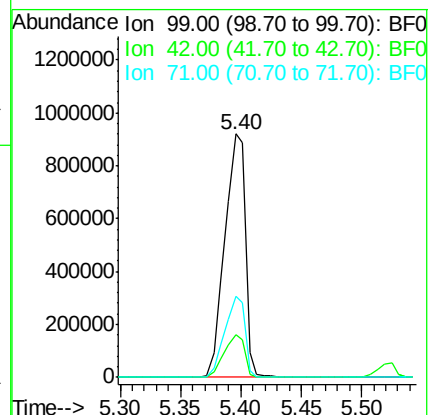
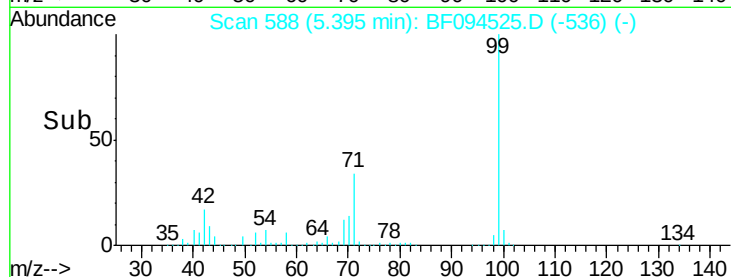
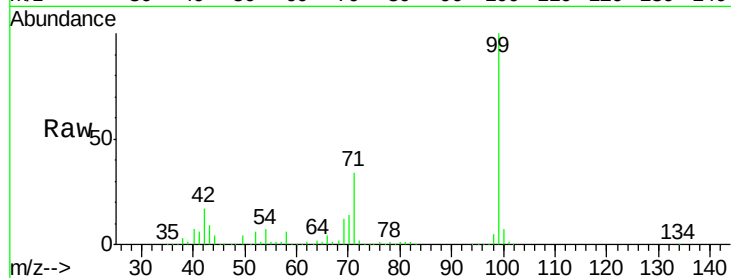
Tgt Ion: 99 Resp: 1084713

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 33.5 24.5 36.7



#10

Phenol

Concen: 2.37 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

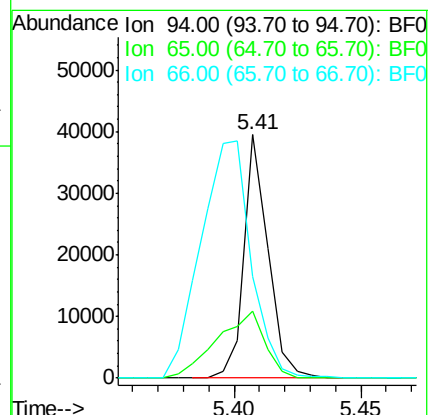
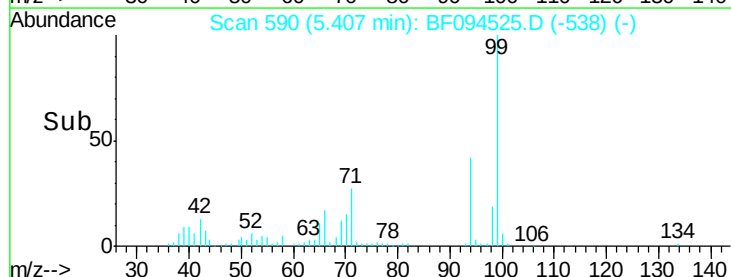
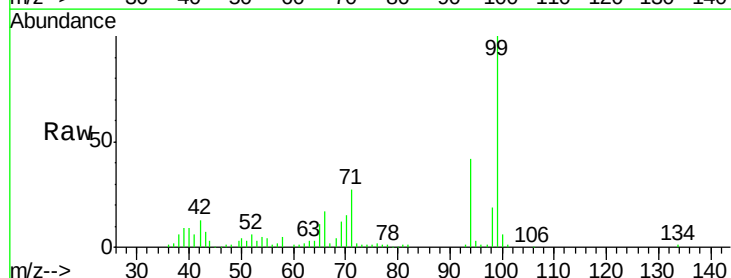
Tgt Ion: 94 Resp: 25973

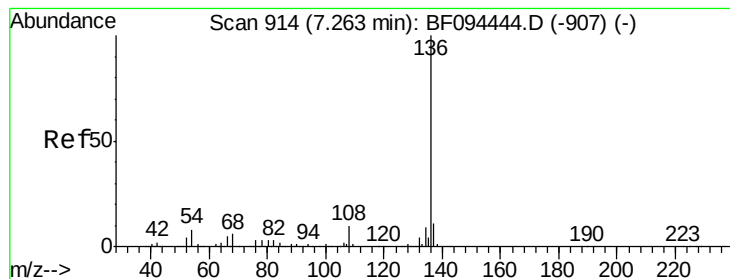
Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

66 41.6 23.1 63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

E2-U5-BASE

Tgt Ion: 136 Resp: 537131

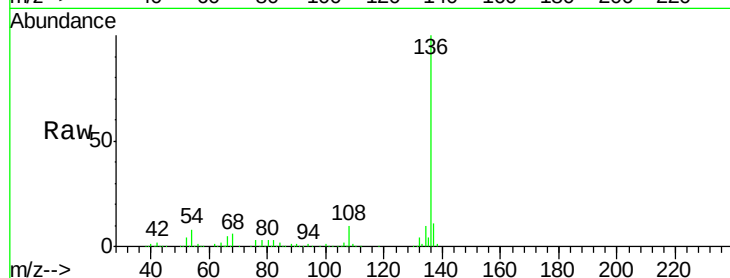
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 6.2 4.1 6.1#

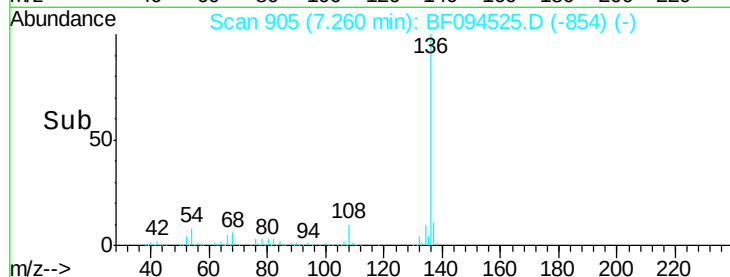


Abundance Ion 136.00 (135.70 to 136.70): E

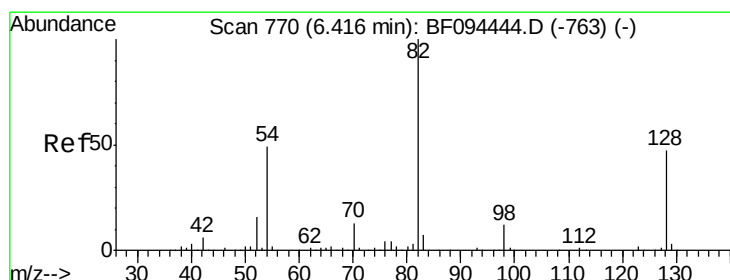
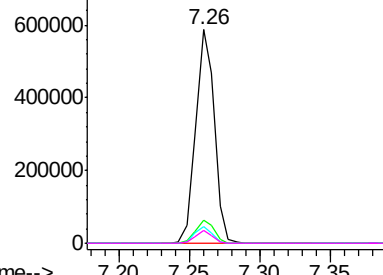
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 78.58 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

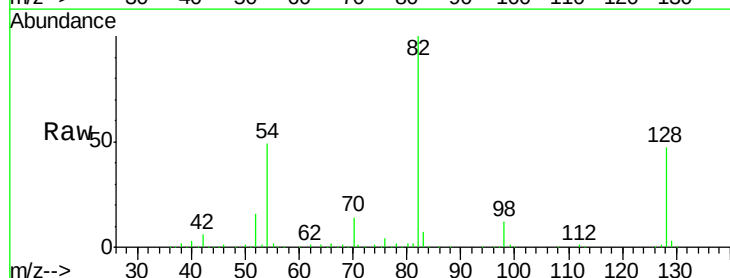
Tgt Ion: 82 Resp: 683545

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

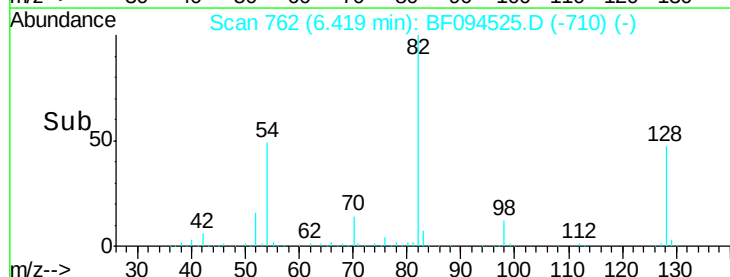
54 49.0 42.2 63.2



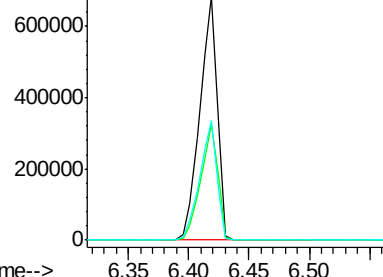
Abundance Ion 82.00 (81.70 to 82.70): BF0

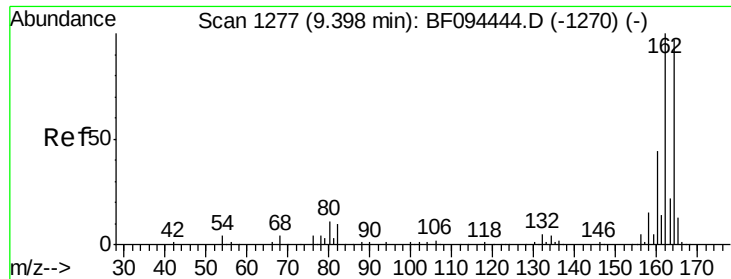
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

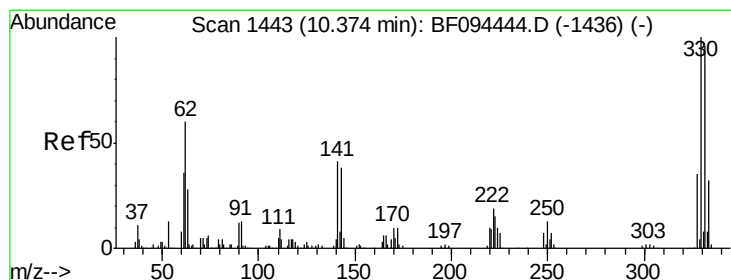
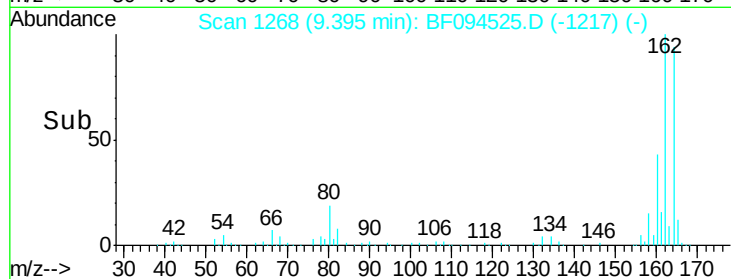
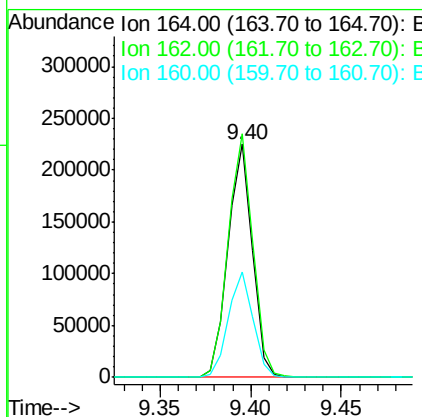
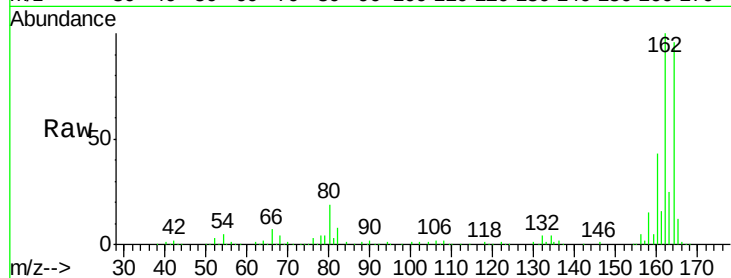




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

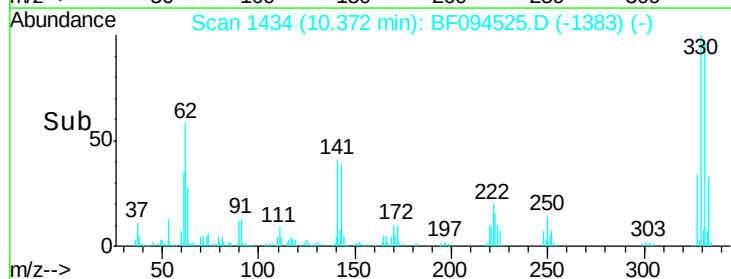
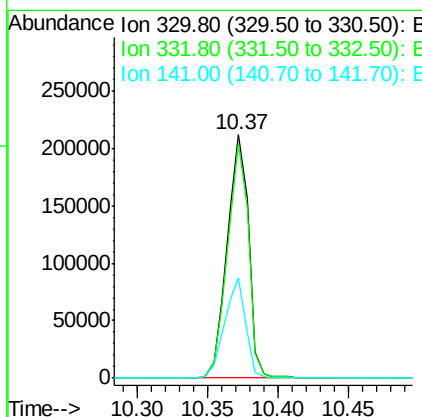
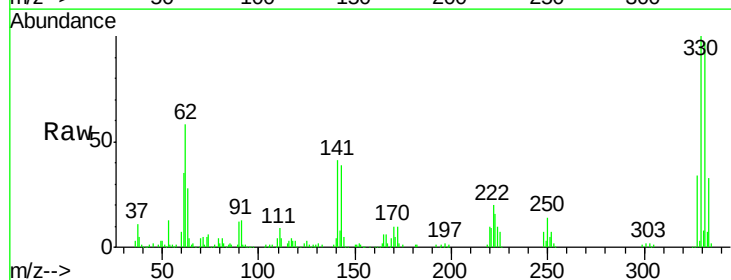
Instrument :
BNA_F
ClientSampleId :
E2-U5-BASE

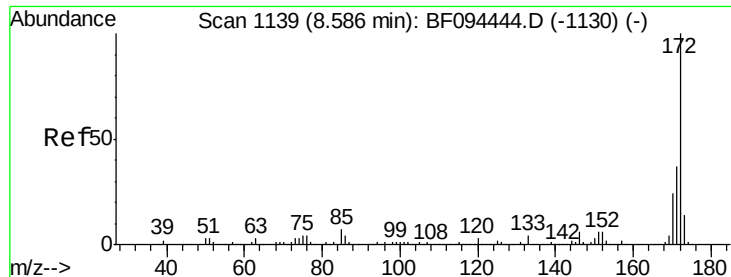
Tgt Ion:164 Resp: 211279
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 45.0 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 135.34 ng
RT: 10.37 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Tgt Ion:330 Resp: 223659
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 40.4 31.4 47.2

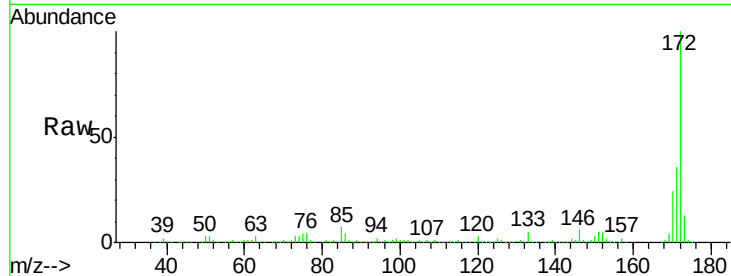




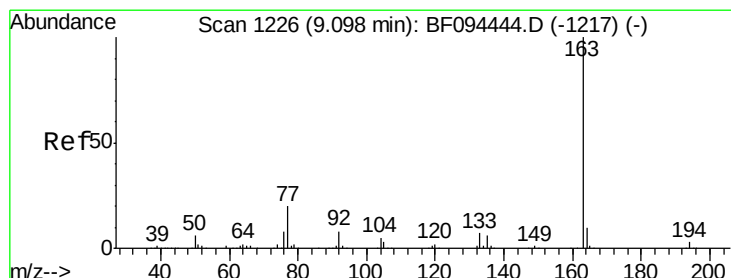
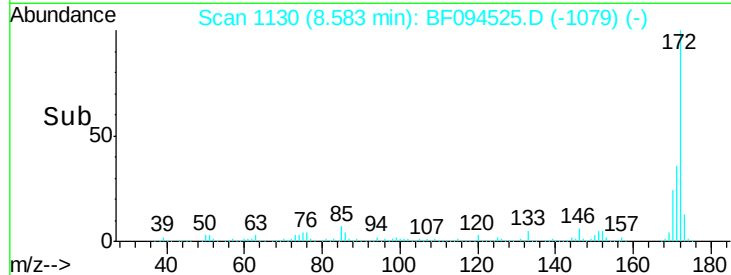
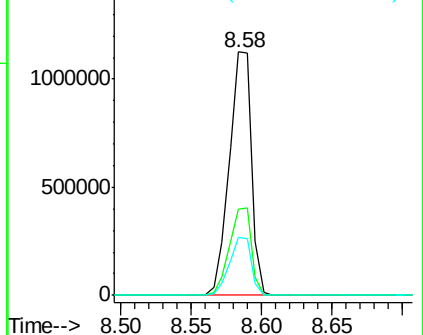
#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 E2-U5-BASE

Tgt Ion:172 Resp: 1230914
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.9 19.8 29.8

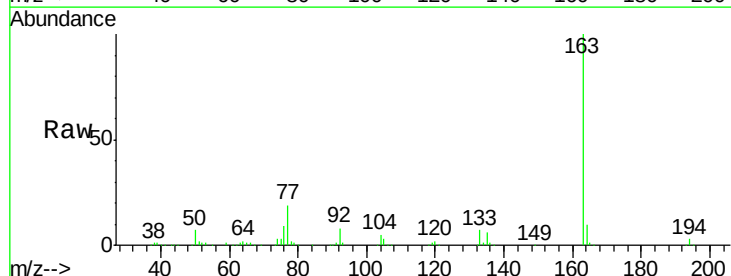


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

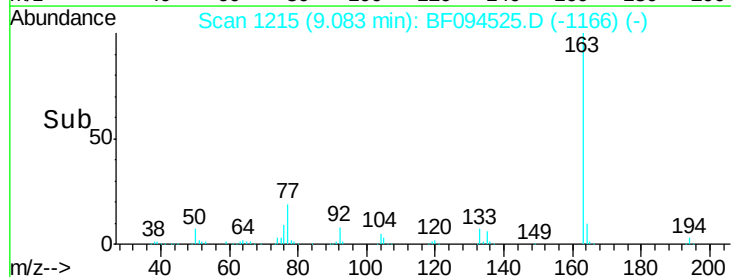
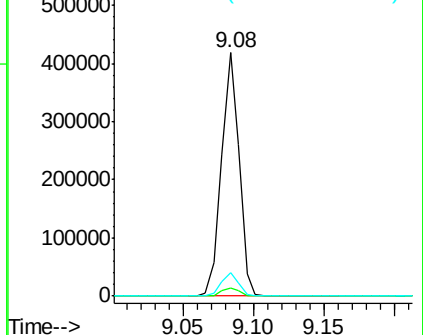


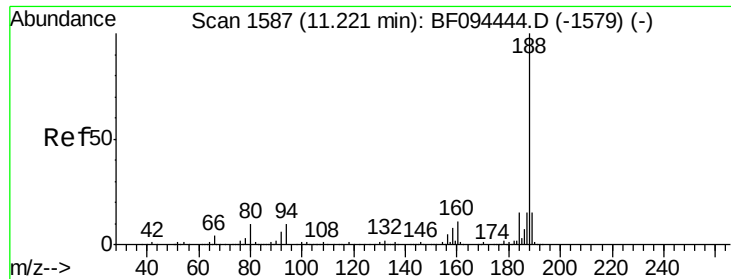
#49
 Dimethylphthalate
 Concen: 23.04 ng
 RT: 9.08 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Tgt Ion:163 Resp: 362769
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 9.9 8.4 12.6



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

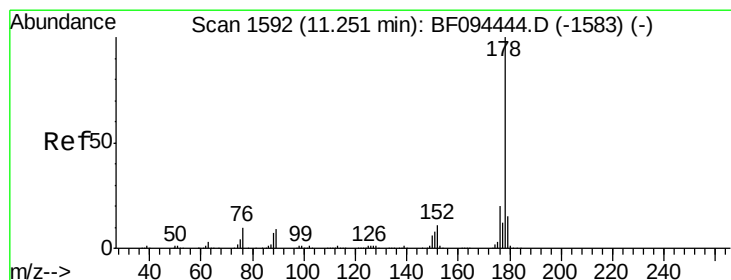
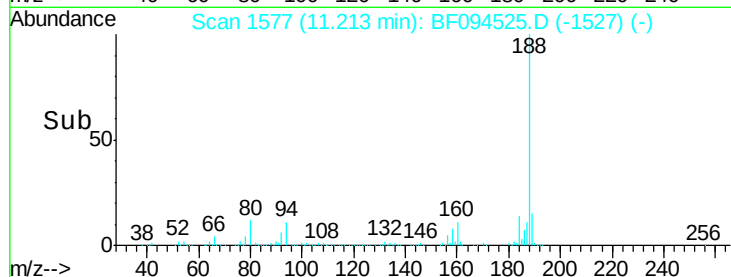
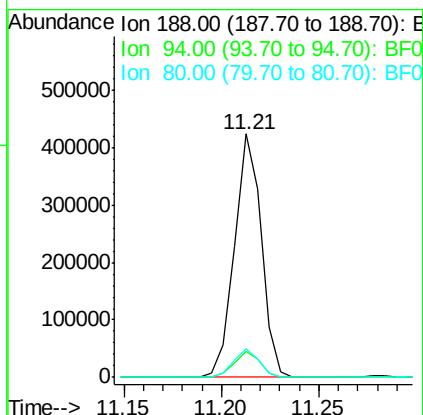
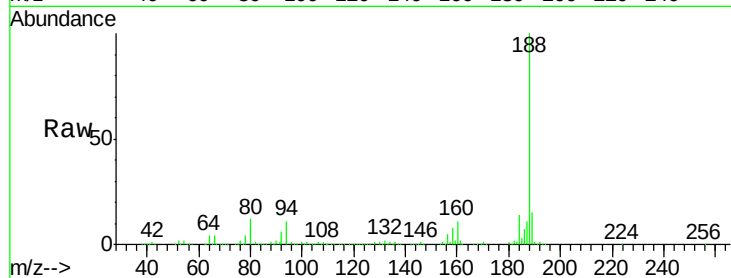




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

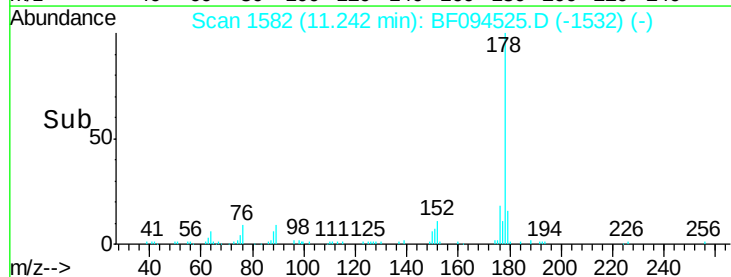
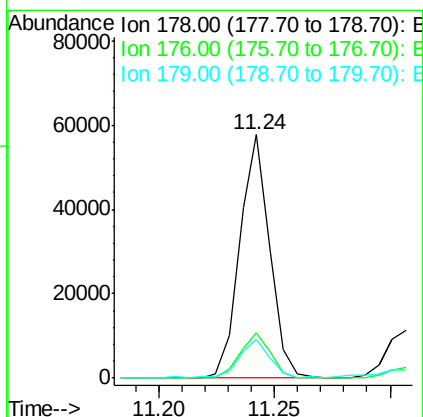
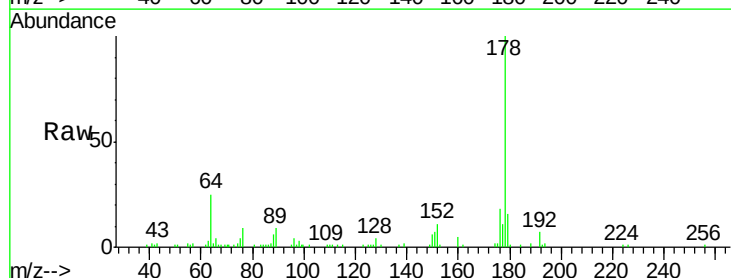
Instrument :
BNA_F
ClientSampleId :
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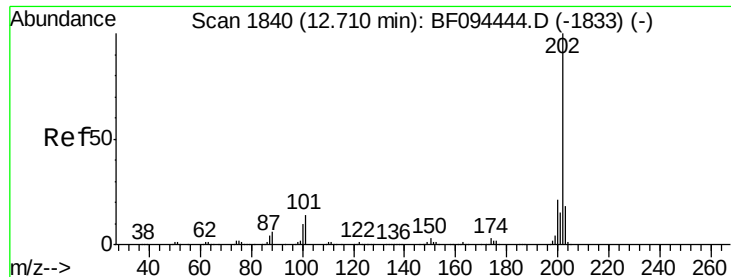
Tgt Ion:188 Resp: 404891
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.7 10.2 15.2



#70
Phenanthrene
Concen: 2.28 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094525.D
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Tgt Ion:178 Resp: 51953
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.4
179 16.0 12.6 19.0





#74

Fluoranthene

Concen: 3.18 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

E2-U5-BASE

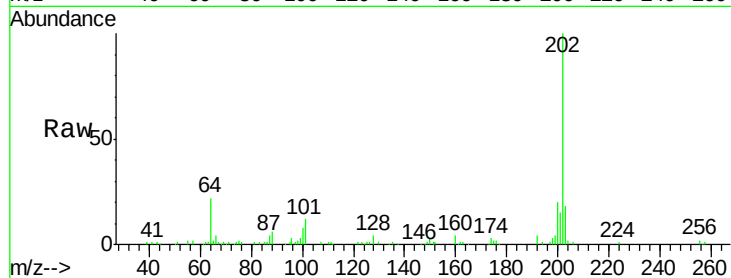
Tgt Ion: 202 Resp: 75157

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

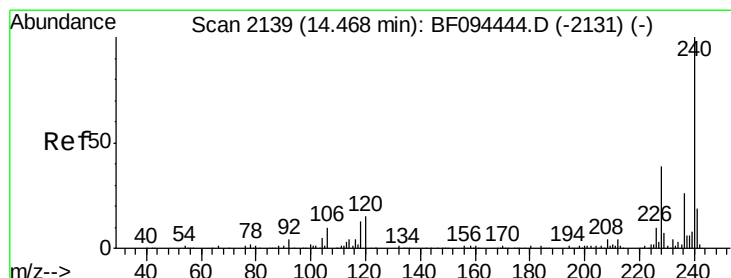
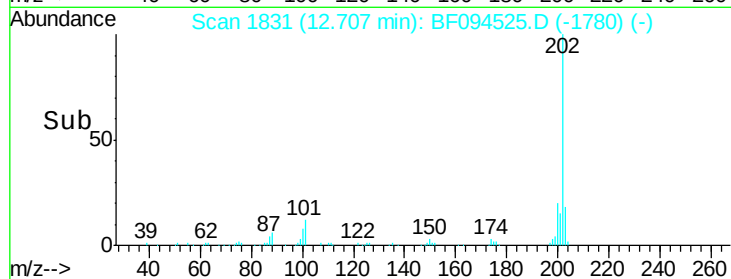
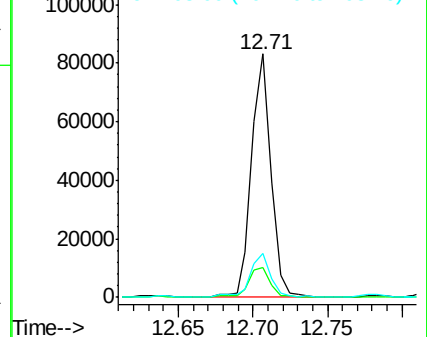
203 17.8 0.0 38.1



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

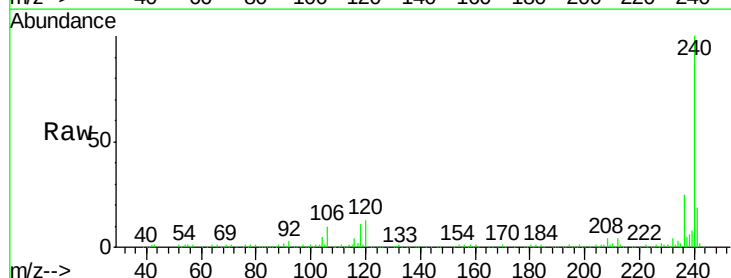
Tgt Ion: 240 Resp: 279803

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

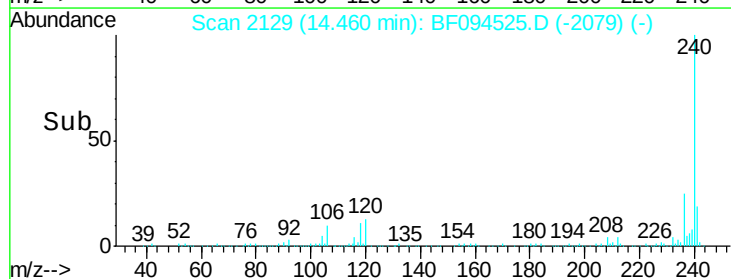
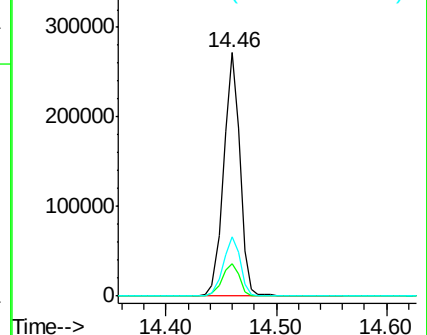
236 24.6 20.5 30.7

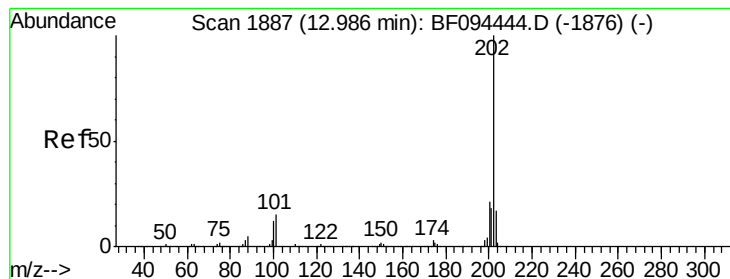


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.74 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094525.D

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E2-U5-BASE

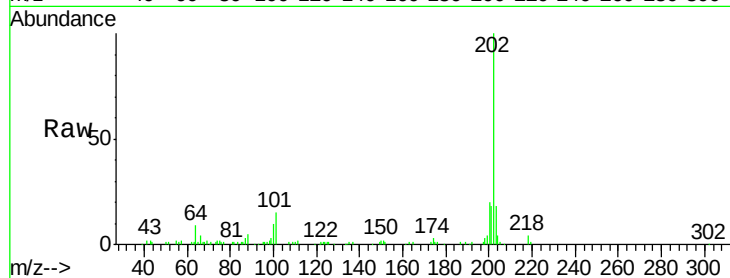
Tgt Ion:202 Resp: 73149

Ion Ratio Lower Upper

202 100

200 19.6 17.6 26.4

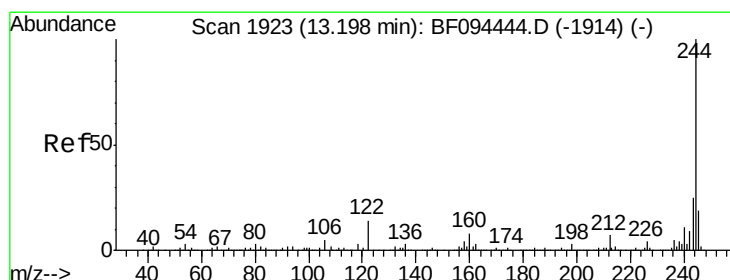
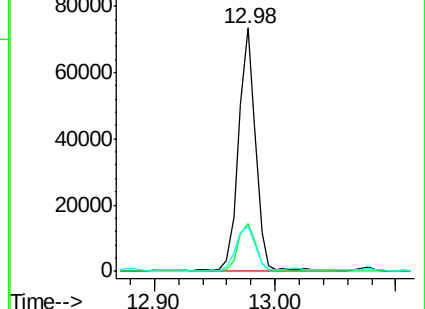
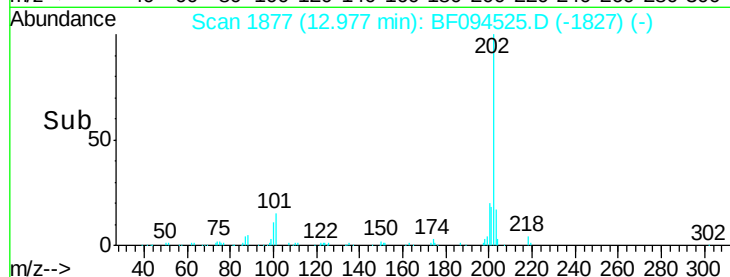
203 18.3 14.4 21.6



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: 92.69 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

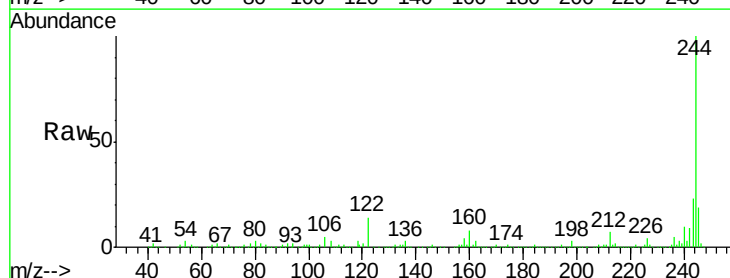
Tgt Ion:244 Resp: 970285

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

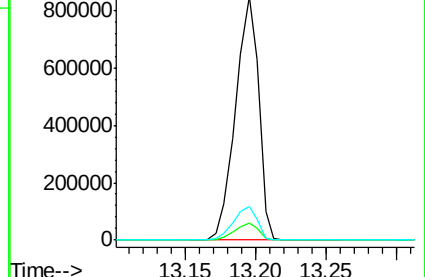
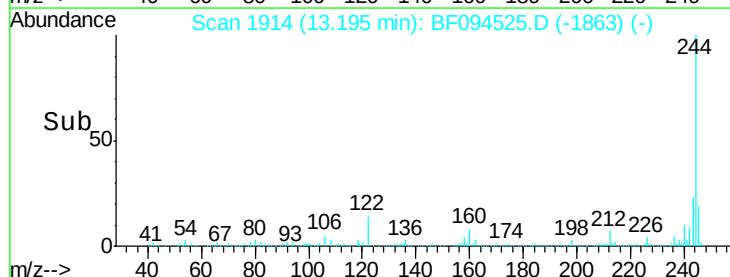
122 13.9 10.3 15.5

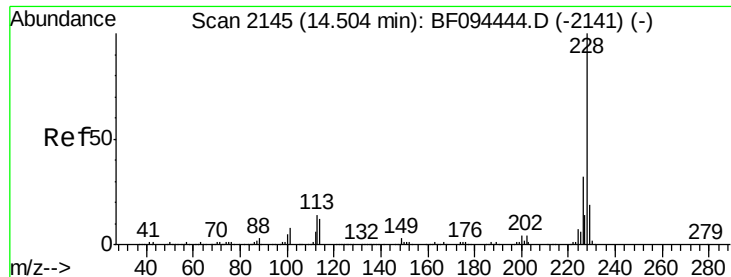


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.06 ng

RT: 14.49 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

E2-U5-BASE

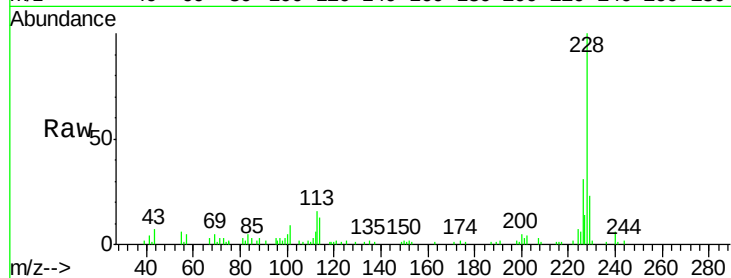
Tgt Ion:228 Resp: 30648

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

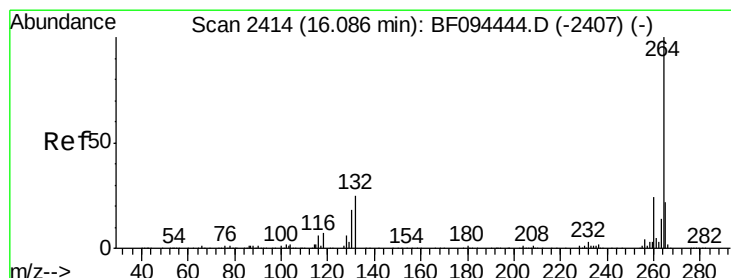
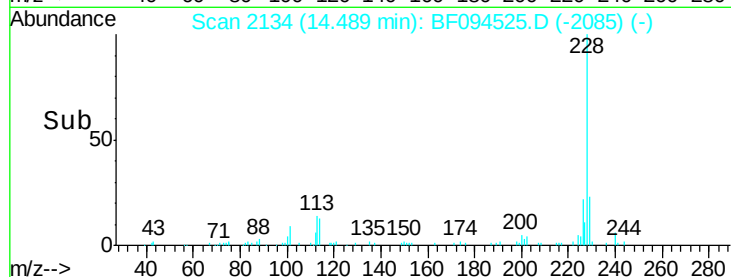
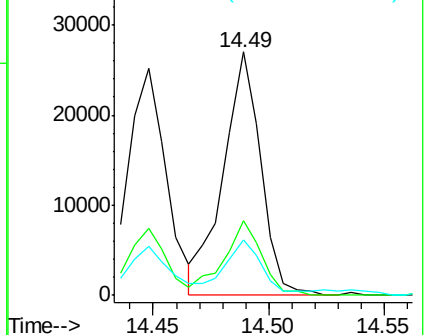
229 23.0 15.8 23.6



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: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

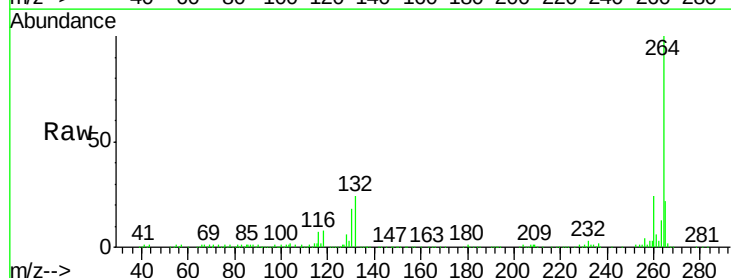
Tgt Ion:264 Resp: 238674

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

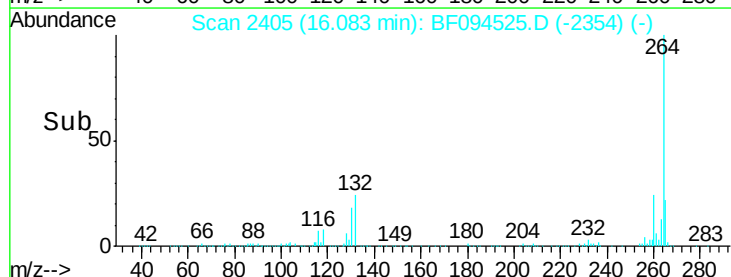
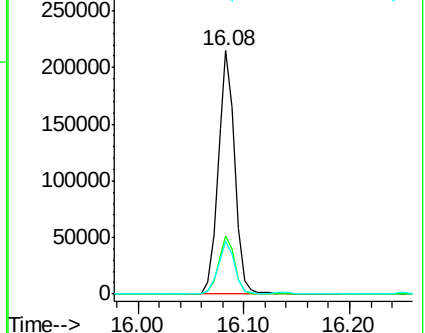
265 21.8 17.2 25.8

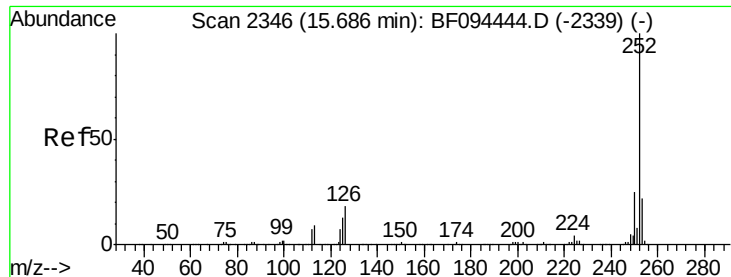


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.13 ng m

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

E2-U5-BASE

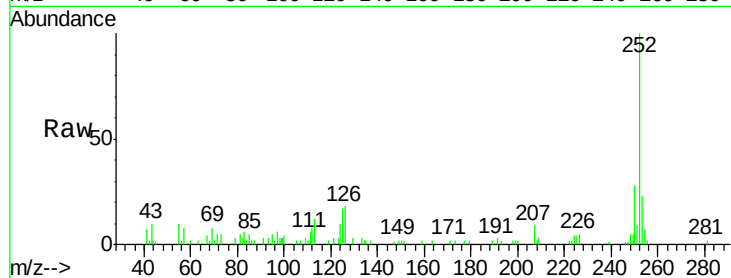
Tgt Ion:252 Resp: 31065

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

125 17.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

