

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
 Data File : BF094528.D
 Acq On : 19 Apr 2017 20:58
 Operator : SJ/MA
 Sample : I2750-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-BASE

Quant Time: Apr 20 04:54:05 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

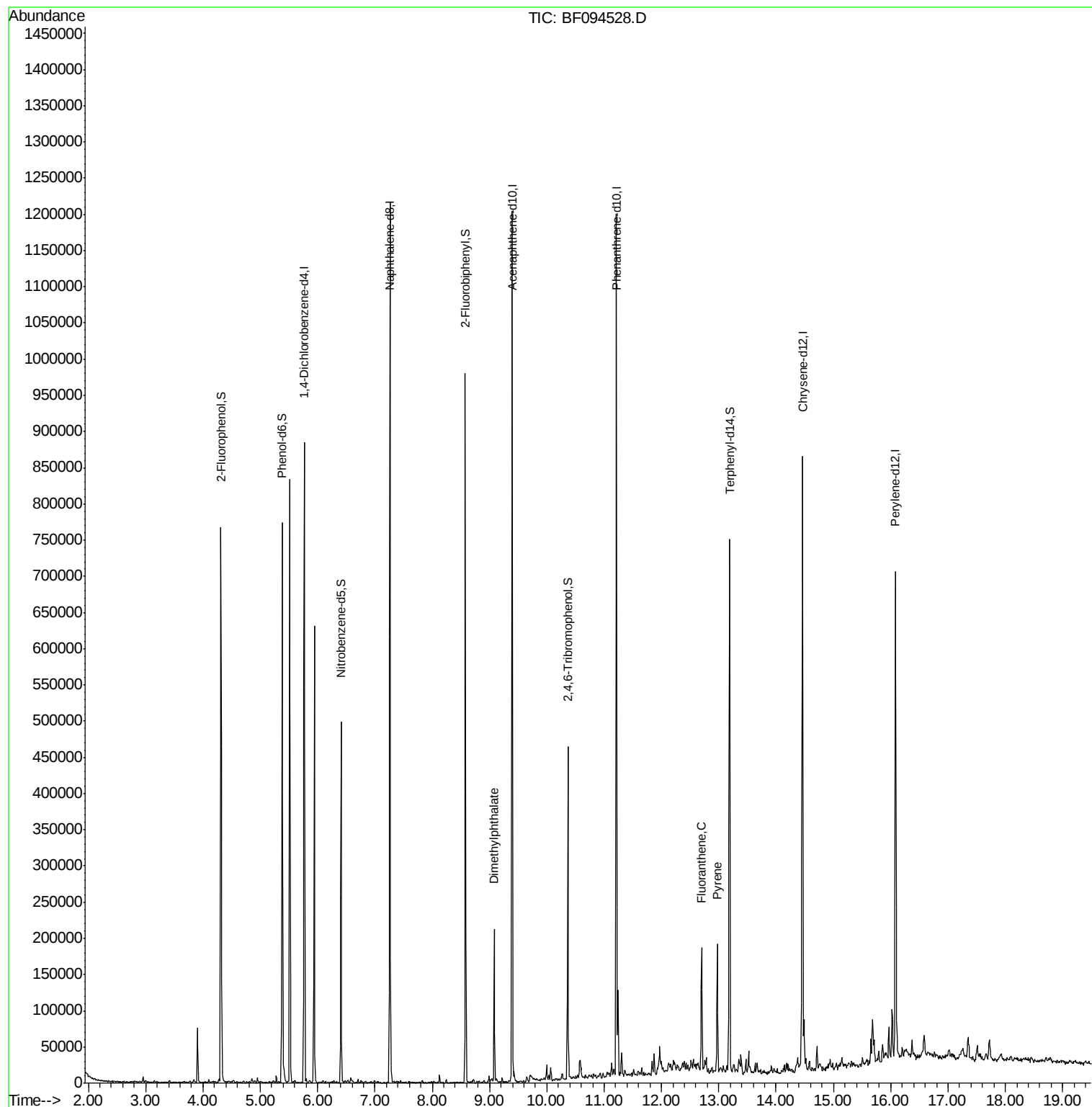
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	133281	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	550256	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	248608	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	456009	20.00	ng	0.00
75) Chrysene-d12	14.46	240	297103	20.00	ng	0.00
86) Perylene-d12	16.08	264	261524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	219975	27.38	ng	0.00
7) Phenol-d6	5.38	99	255136	26.94	ng	0.00
23) Nitrobenzene-d5	6.41	82	148182	16.63	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	49896	25.66	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	317657	18.80	ng	0.00
78) Terphenyl-d14	13.19	244	246181	22.15	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.08	163	91029	4.91	ng	98
74) Fluoranthene	12.70	202	70407	2.65	ng	99
77) Pyrene	12.98	202	74959	3.61	ng	95

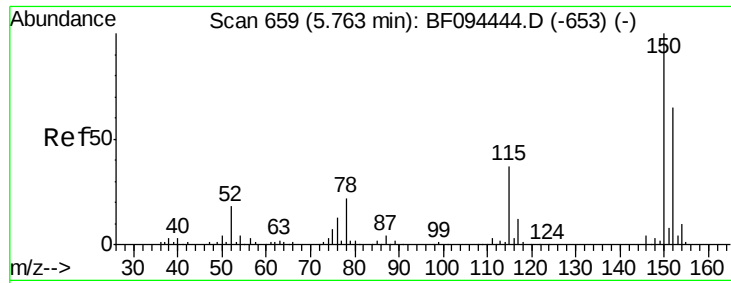
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041917\
Data File : BF094528.D
Acq On : 19 Apr 2017 20:58
Operator : SJ/MA
Sample : I2750-03 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-U6-BASE

Quant Time: Apr 20 04:54:05 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

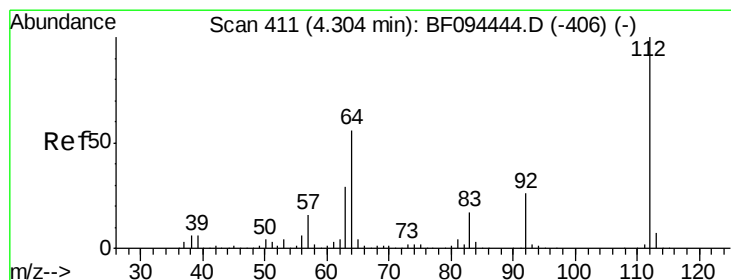
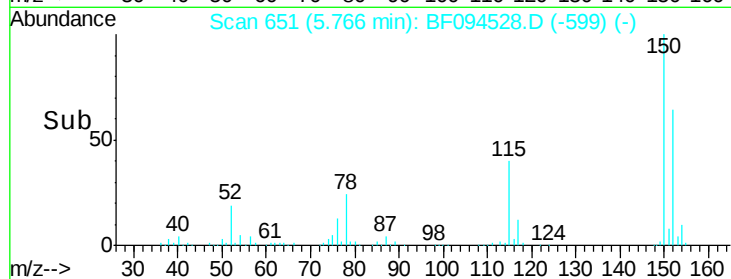
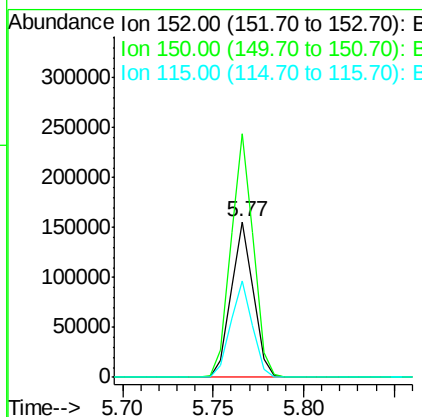
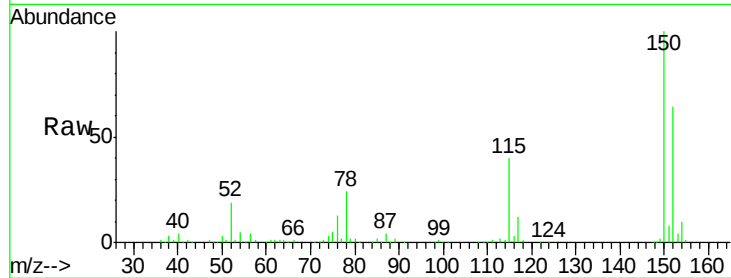




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

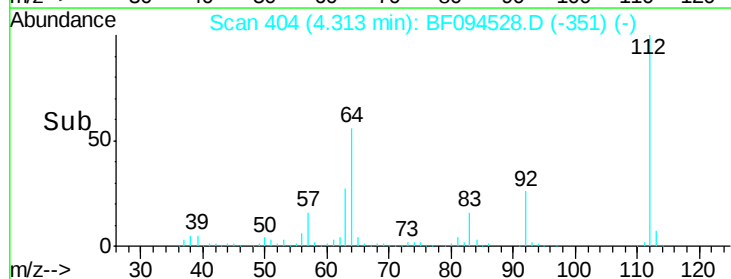
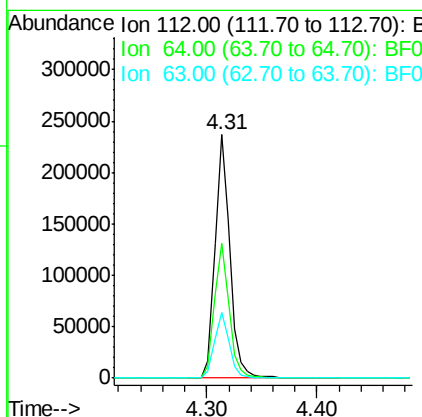
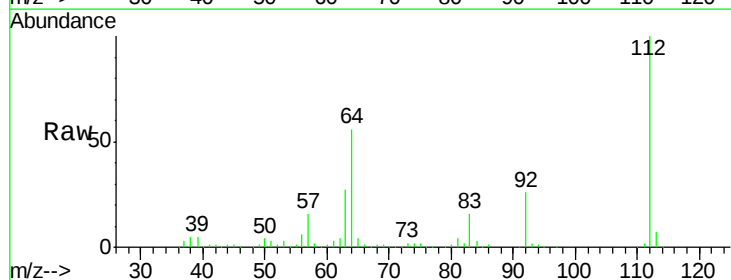
Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-BASE

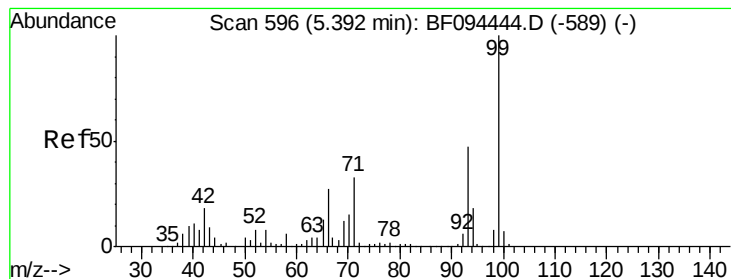
Tgt Ion:152 Resp: 133281
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 62.3 52.2 78.2



#5
 2-Fluorophenol
 Concen: 27.38 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

Tgt Ion:112 Resp: 219975
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 26.8 23.4 35.0





#7

Phenol-d6

Concen: 26.94 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

E2-U6-BASE

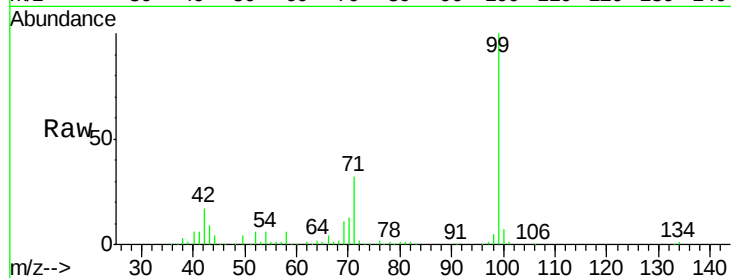
Tgt Ion: 99 Resp: 255136

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

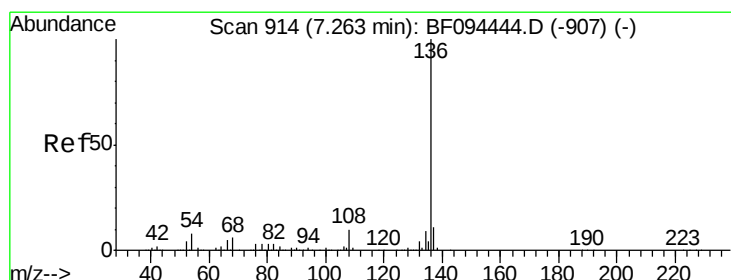
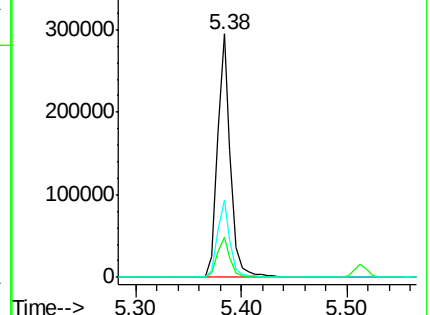
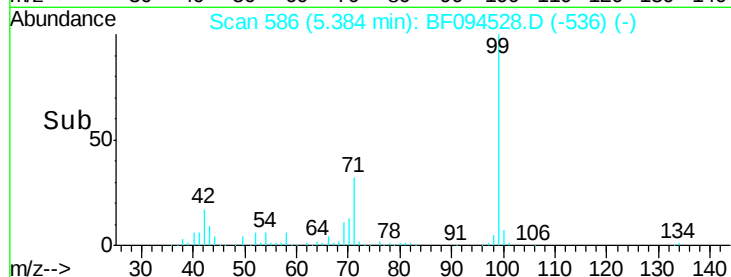
71 31.7 24.5 36.7



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: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

Tgt Ion: 136 Resp: 550256

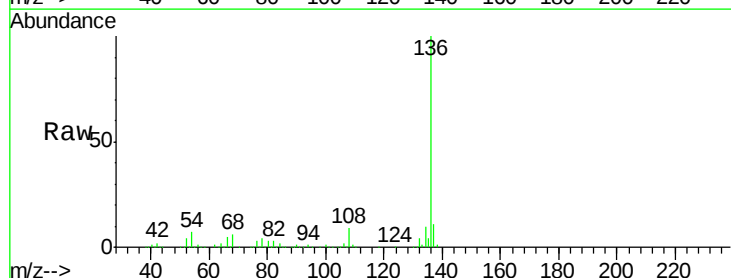
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1

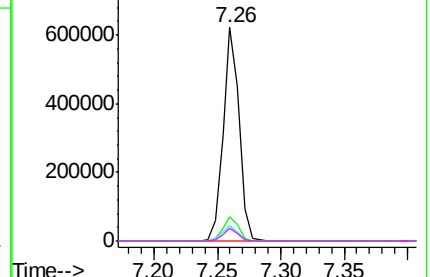
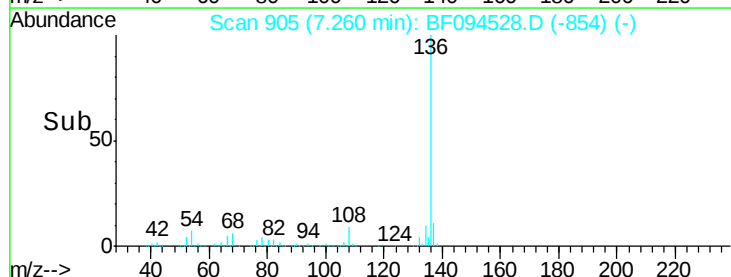


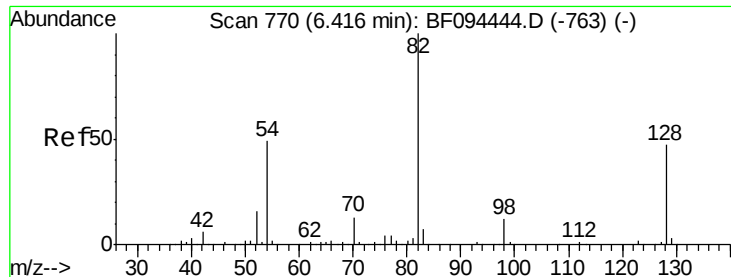
Abundance Ion 136.00 (135.70 to 136.70): E

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

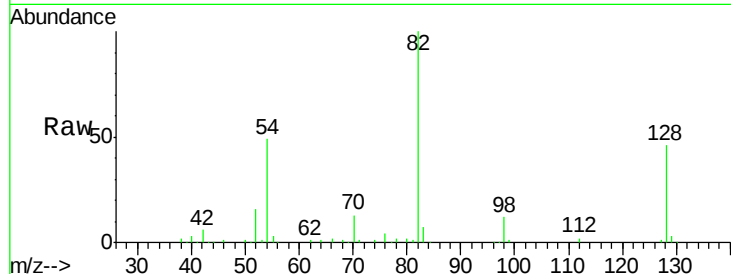




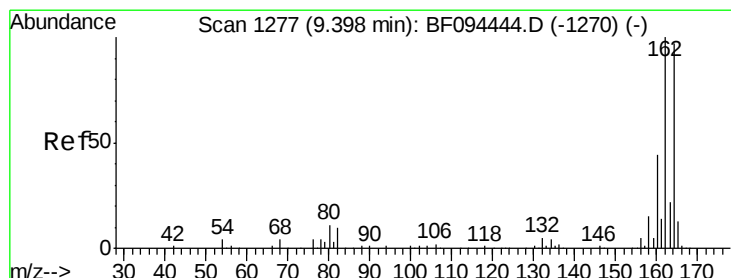
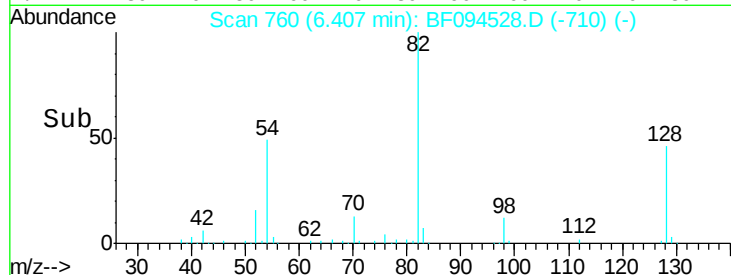
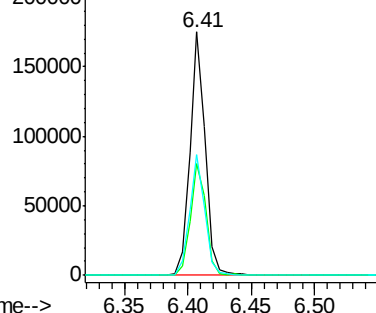
#23
 Nitrobenzene-d5
 Concen: 16.63 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-BASE

Tgt Ion: 82 Resp: 148182
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 49.5 42.2 63.2

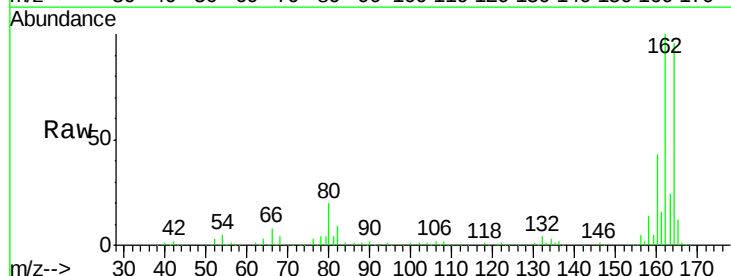


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

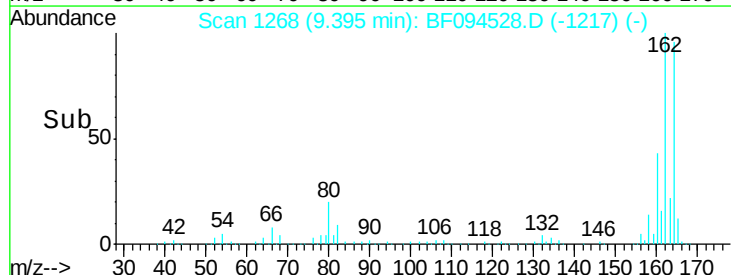
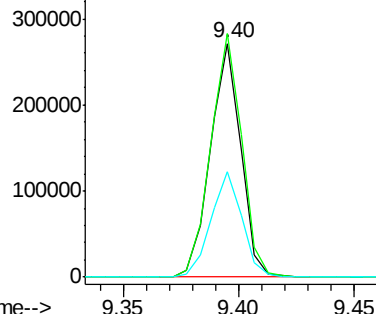


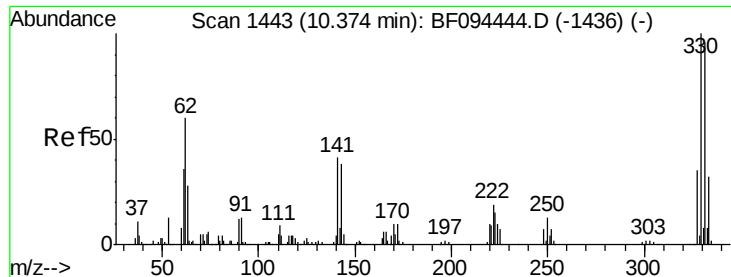
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

Tgt Ion: 164 Resp: 248608
 Ion Ratio Lower Upper
 164 100
 162 104.2 82.6 123.8
 160 45.1 36.2 54.2



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: 25.66 ng

RT: 10.37 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

E2-U6-BASE

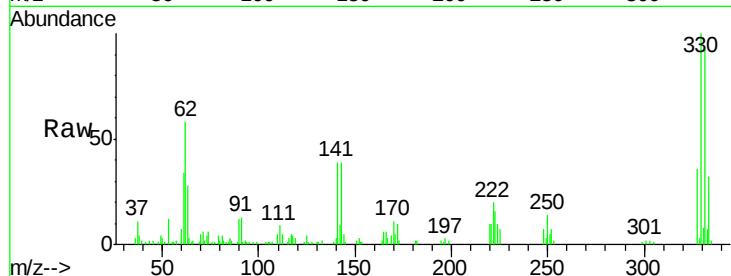
Tgt Ion:330 Resp: 49896

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

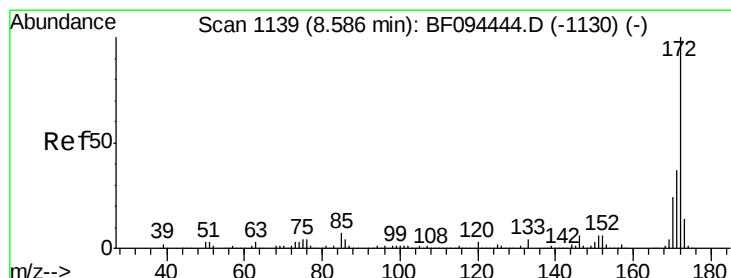
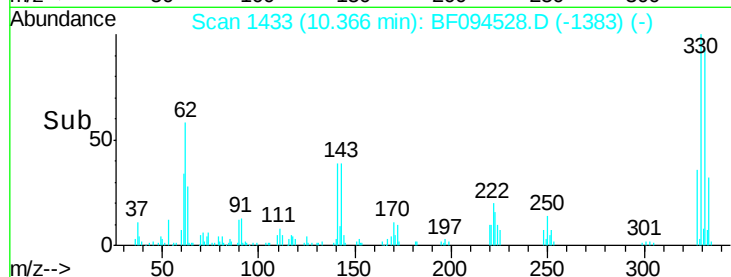
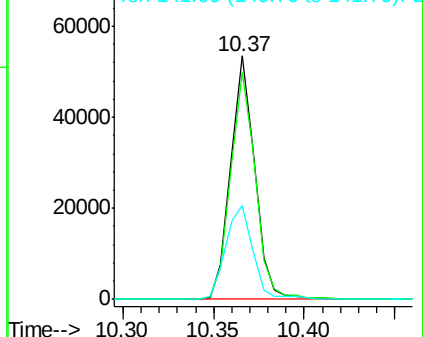
141 42.9 31.4 47.2



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: 18.80 ng

RT: 8.58 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

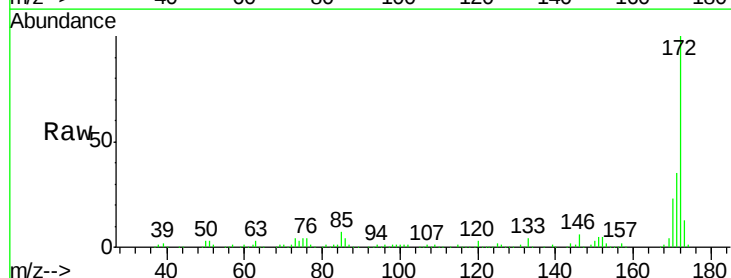
Tgt Ion:172 Resp: 317657

Ion Ratio Lower Upper

172 100

171 35.0 29.6 44.4

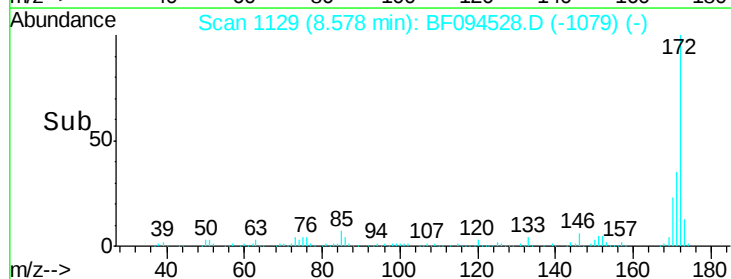
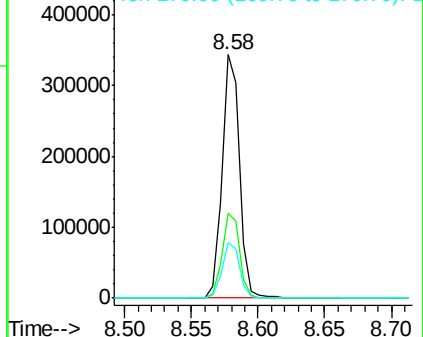
170 22.9 19.8 29.8

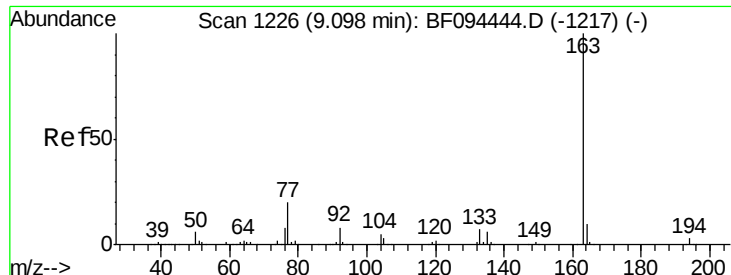


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

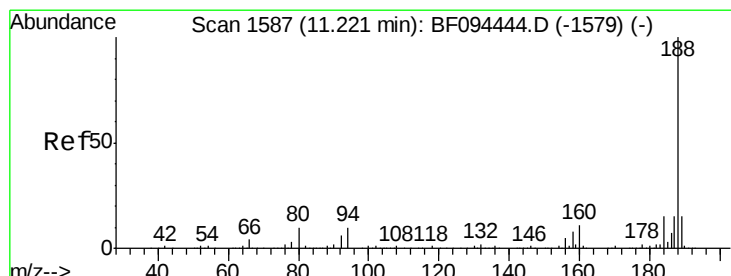
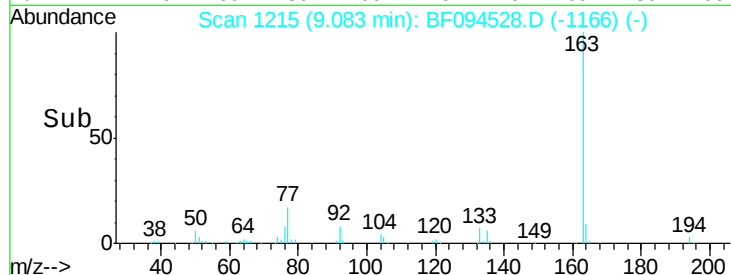
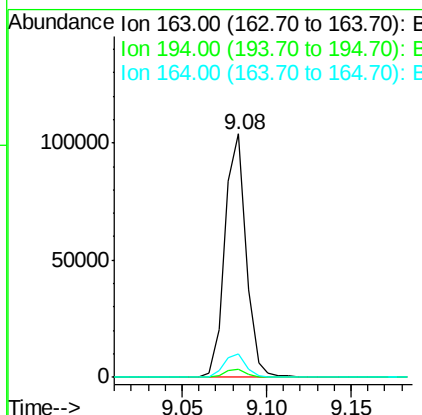
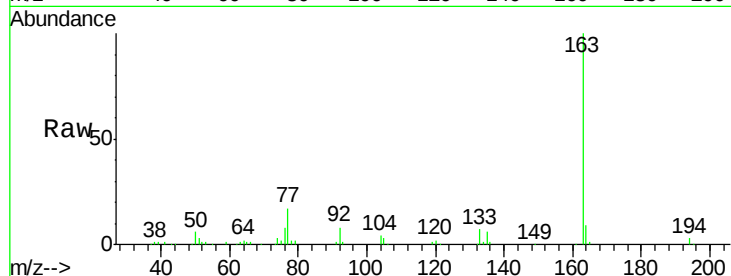




#49
Dimethylphthalate
Concen: 4.91 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094528.D
Acq: 19 Apr 2017 20:58

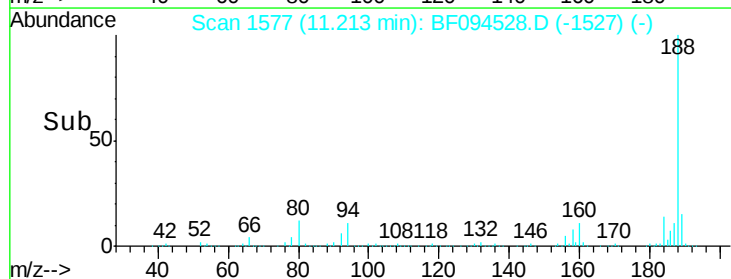
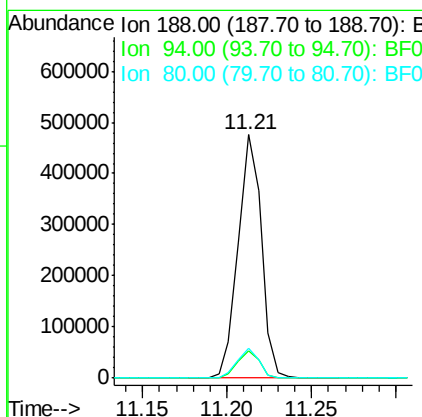
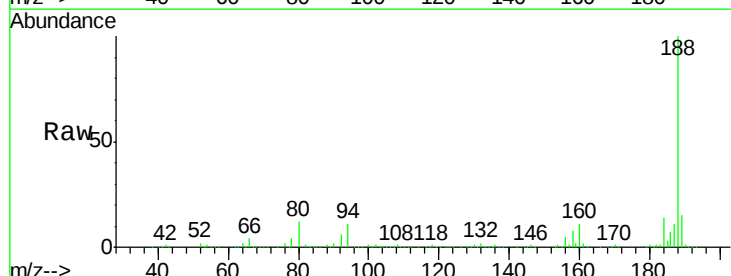
Instrument :
BNA_F
ClientSampleId :
E2-U6-BASE

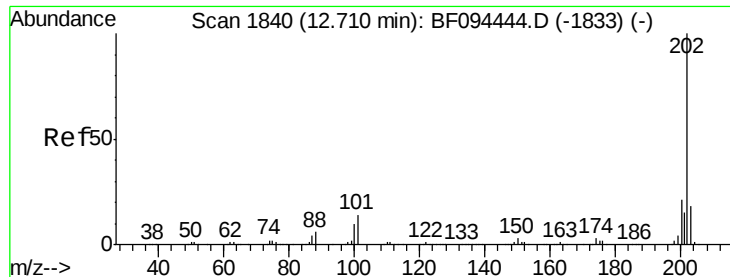
Tgt Ion:163 Resp: 91029
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.5 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094528.D
Acq: 19 Apr 2017 20:58

Tgt Ion:188 Resp: 456009
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.1 10.2 15.2

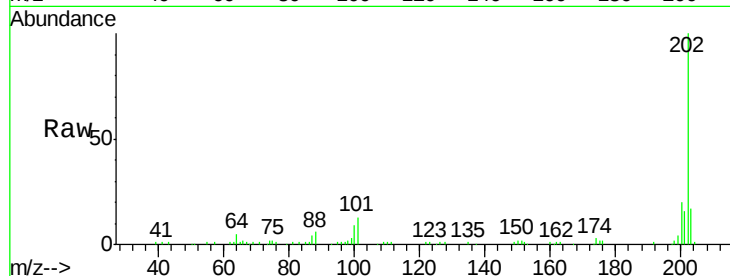




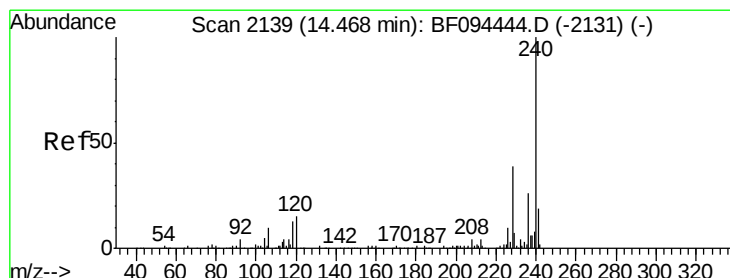
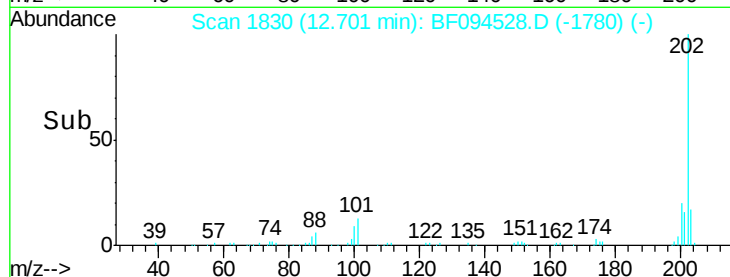
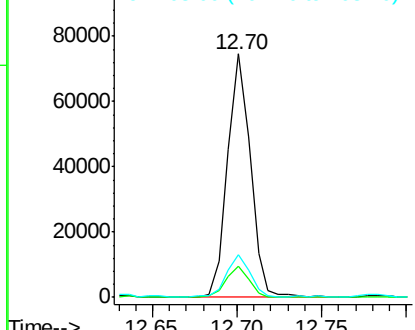
#74
 Fluoranthene
 Concen: 2.65 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-U6-BASE

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.5	0.0	38.1

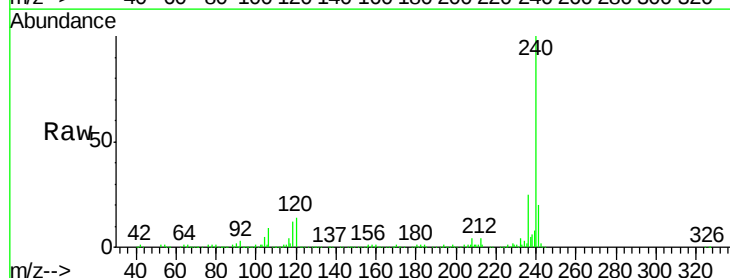


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

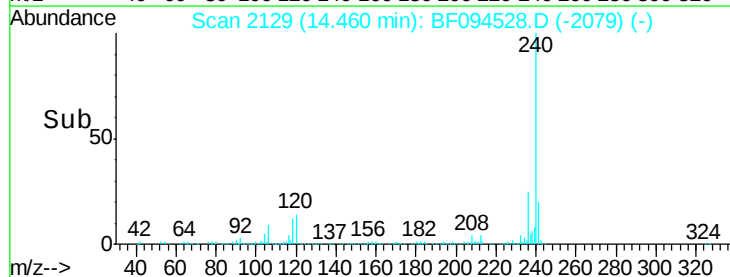
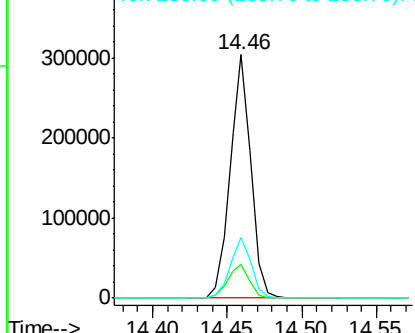


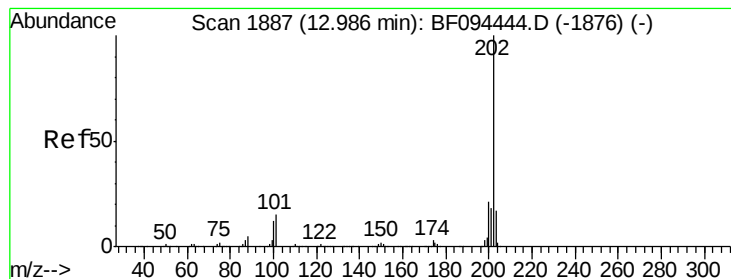
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BF094528.D
 Acq: 19 Apr 2017 20:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.0	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: 3.61 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

E2-U6-BASE

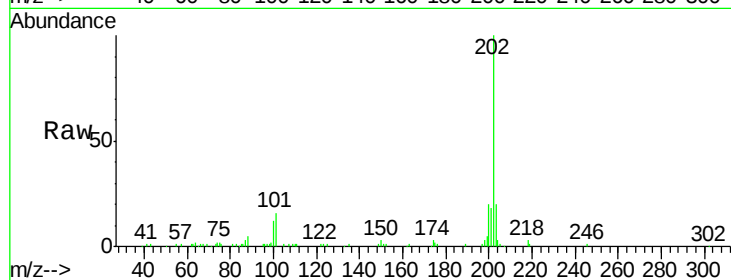
Tgt Ion:202 Resp: 74959

Ion Ratio Lower Upper

202 100

200 19.8 17.6 26.4

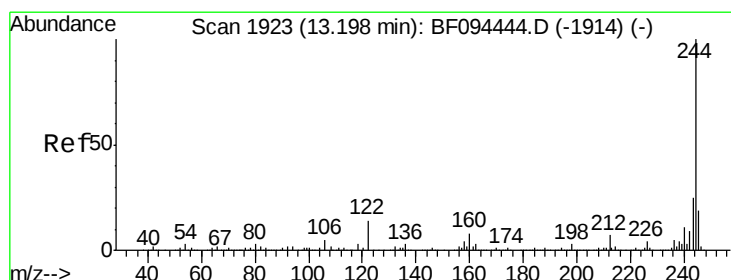
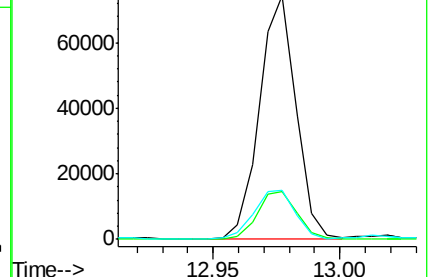
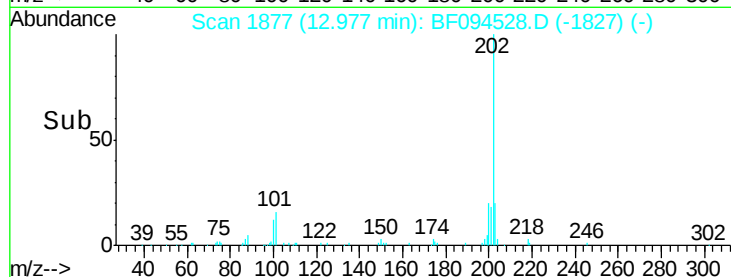
203 19.9 14.4 21.6



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: 22.15 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

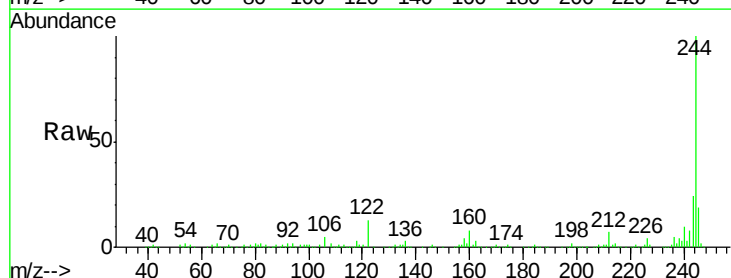
Tgt Ion:244 Resp: 246181

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

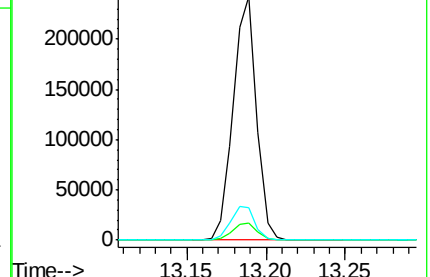
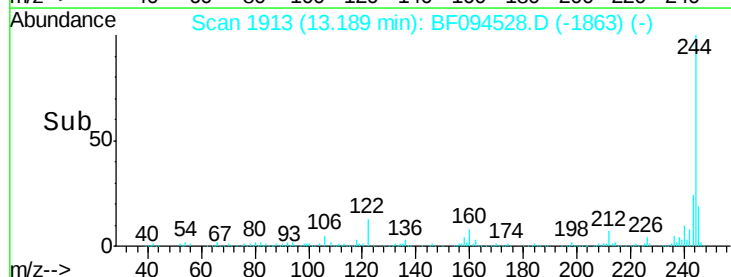
122 13.4 10.3 15.5

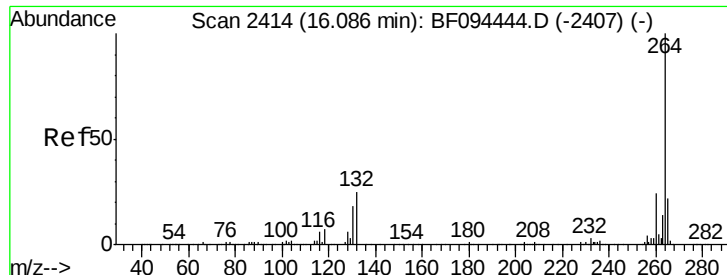


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BF094528.D

Acq: 19 Apr 2017 20:58

Instrument :

BNA_F

ClientSampleId :

E2-U6-BASE

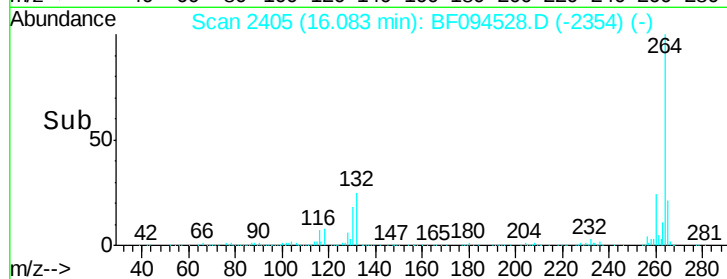
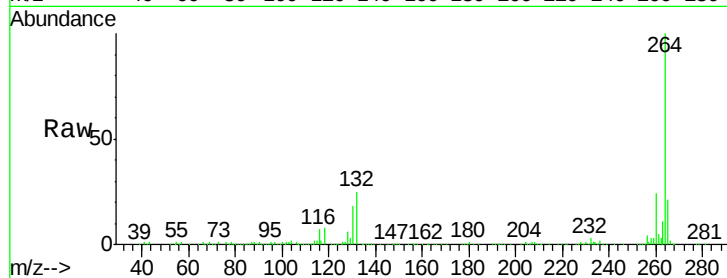
Tgt Ion:264 Resp: 261524

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 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

300000

250000

200000

150000

100000

50000

0

16.08

16.10

16.20

Time-->