

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094661.D
 Acq On : 26 Apr 2017 21:44
 Operator : SJ/MA
 Sample : I2824-06 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Quant Time: Apr 27 06:53:09 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

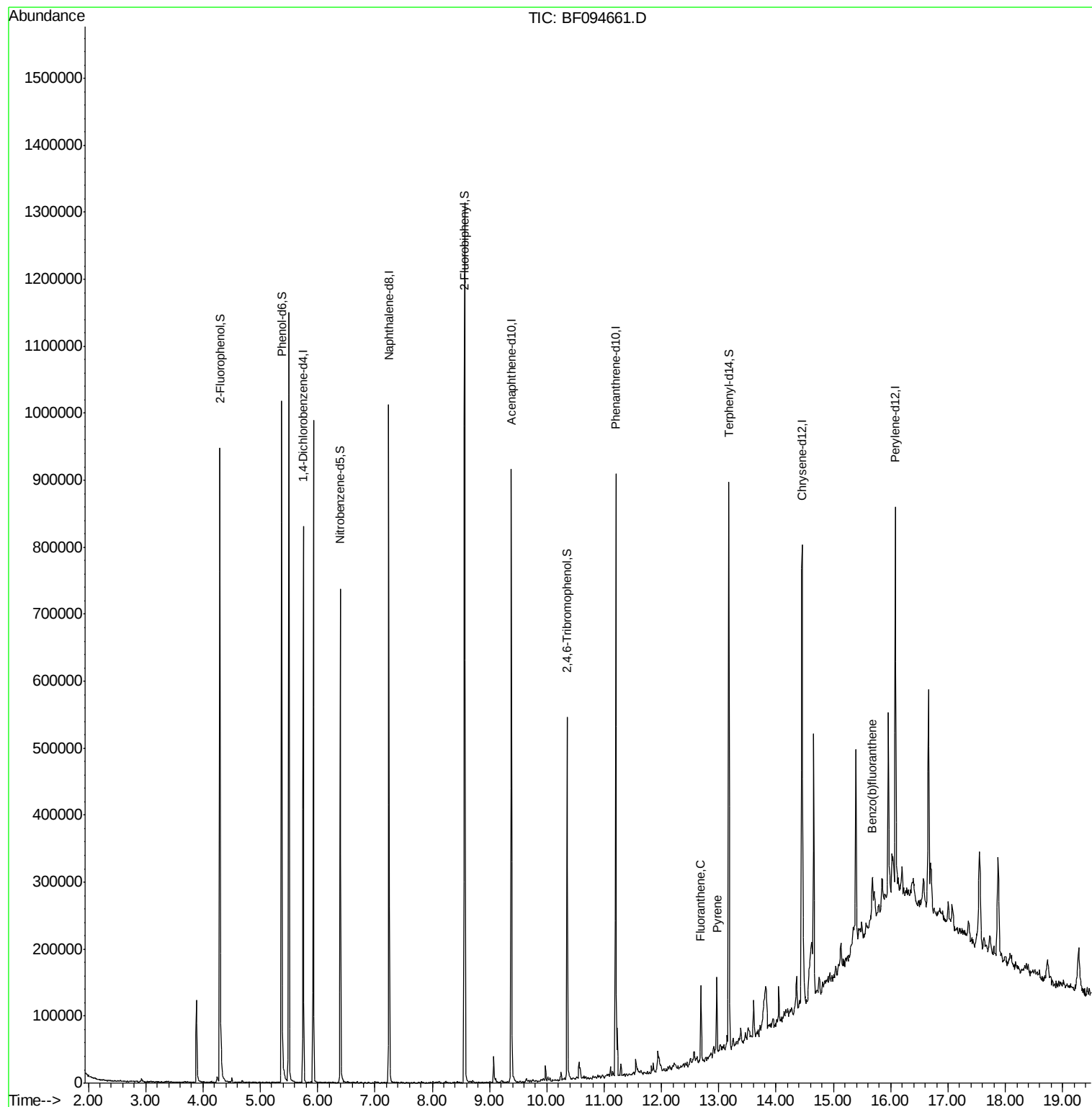
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	125641	20.00	ng	-0.01
21) Naphthalene-d8	7.24	136	502683	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	213156	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	351855	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	268188	20.00	ng	-0.01
86) Perylene-d12	16.08	264	226517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	310434	40.99	ng	0.00
7) Phenol-d6	5.37	99	386914	43.34	ng	-0.02
23) Nitrobenzene-d5	6.40	82	234264	28.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	63531	38.10	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	436488	30.13	ng	-0.02
78) Terphenyl-d14	13.18	244	285368	28.44	ng	-0.02
Target Compounds						
74) Fluoranthene	12.69	202	49858	2.43	ng	98
77) Pyrene	12.97	202	47033	2.51	ng	96
87) Benzo(b)fluoranthene	15.68	252	32574m	2.35	ng	

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094661.D
Acq On : 26 Apr 2017 21:44
Operator : SJ/MA
Sample : I2824-06 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-W9-ESW

Quant Time: Apr 27 06:53:09 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



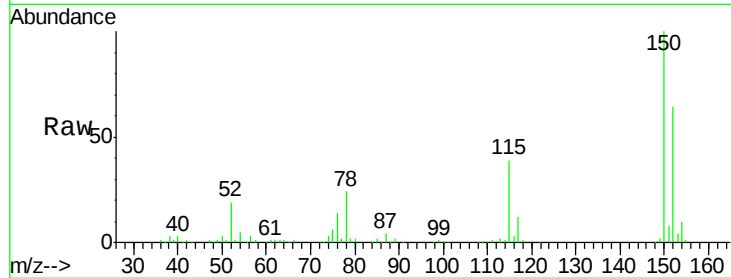


#1

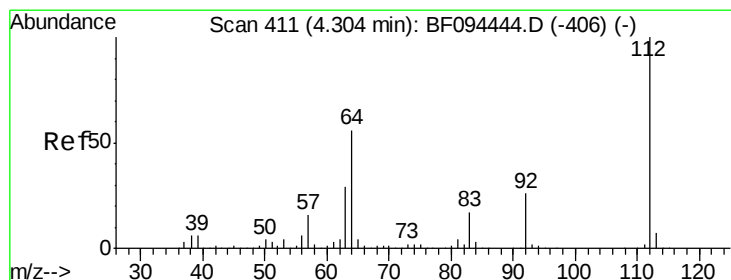
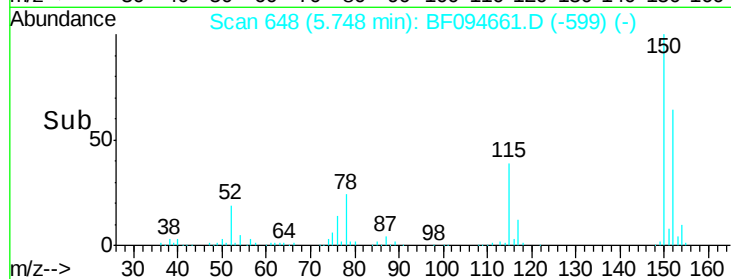
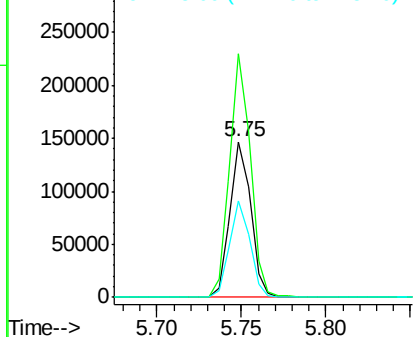
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.75 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Tot Ion:152 Resp: 125641
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 61.6 52.2 78.2



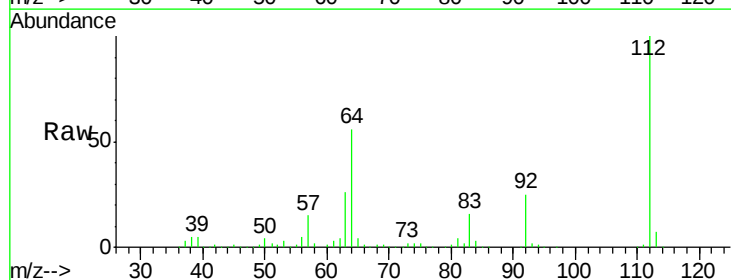
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



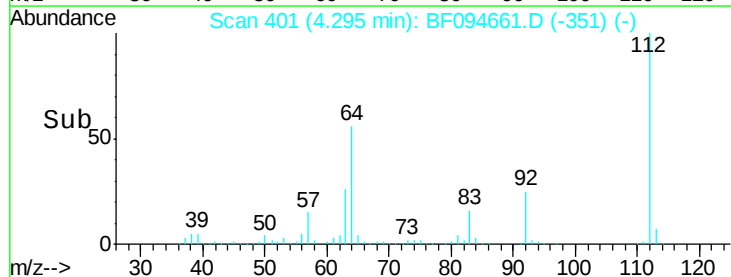
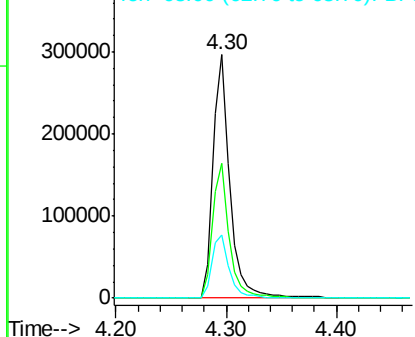
#5

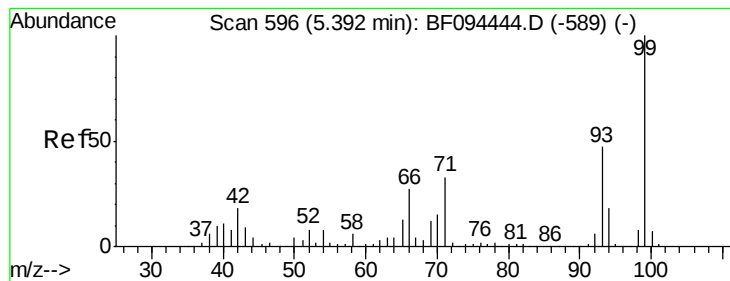
2-Fluorophenol
 Concen: 40.99 ng
 RT: 4.30 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Tgt Ion:112 Resp: 310434
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.0 69.0
 63 26.1 23.4 35.0



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: 43.34 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094661.D

Acq: 26 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

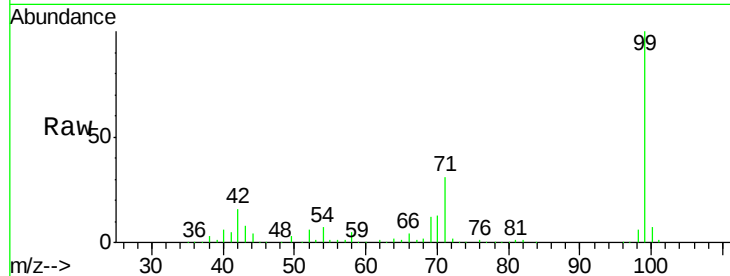
Tot Ion: 99 Resp: 386914

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

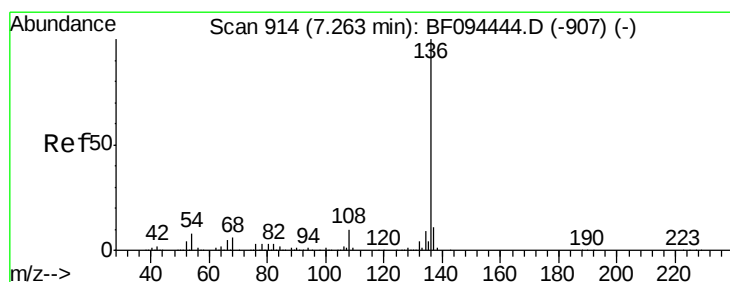
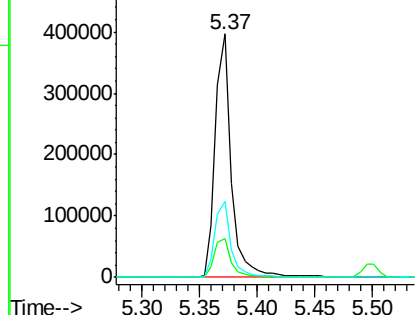
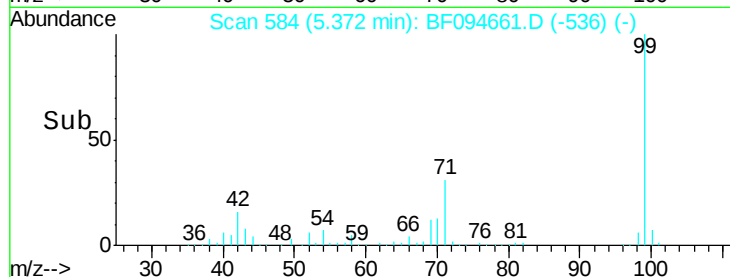
71 31.0 24.5 36.7



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: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094661.D

Acq: 26 Apr 2017 21:44

Tgt Ion: 136 Resp: 502683

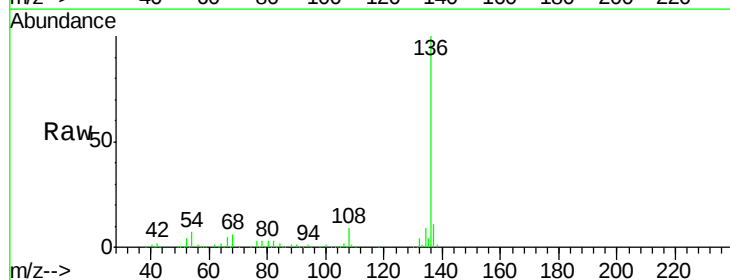
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

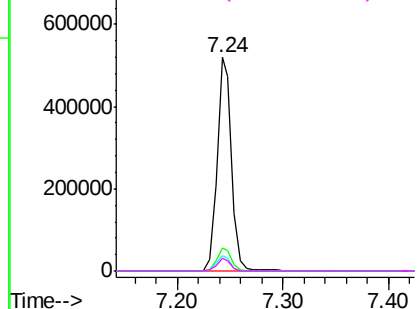
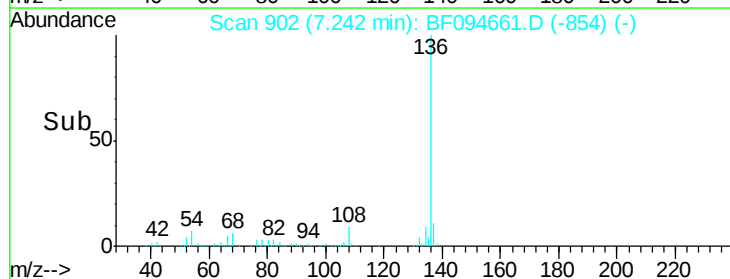


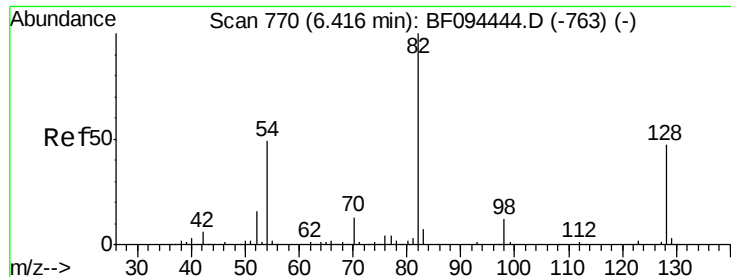
Abundance Ion 136.00 (135.70 to 136.70): E

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

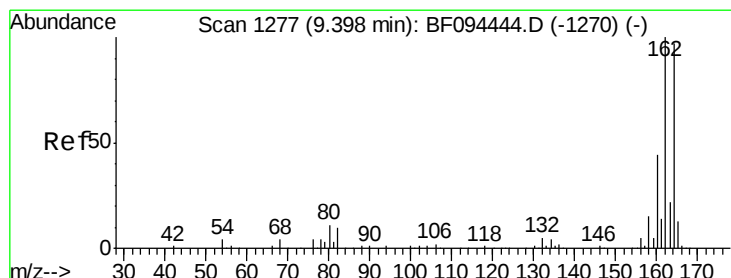
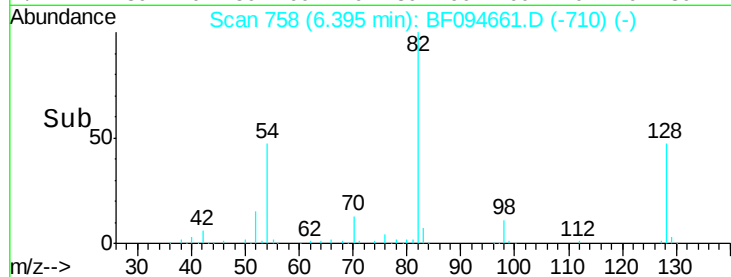
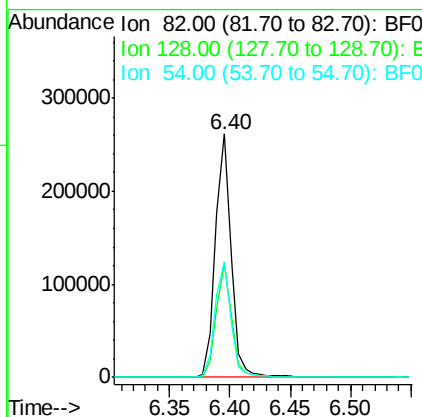
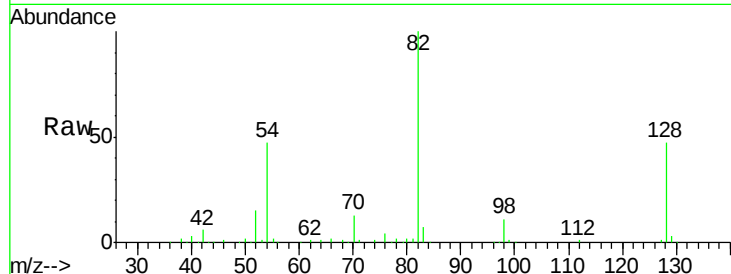




#23
 Nitrobenzene-d5
 Concen: 28.78 ng
 RT: 6.40 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

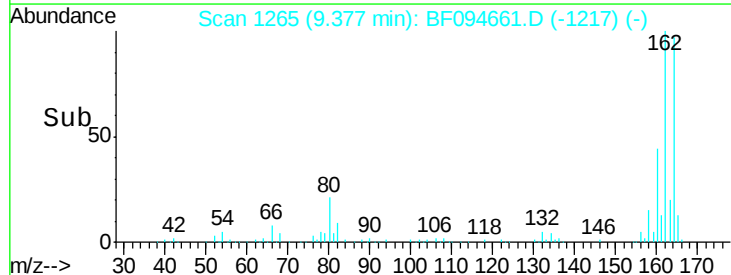
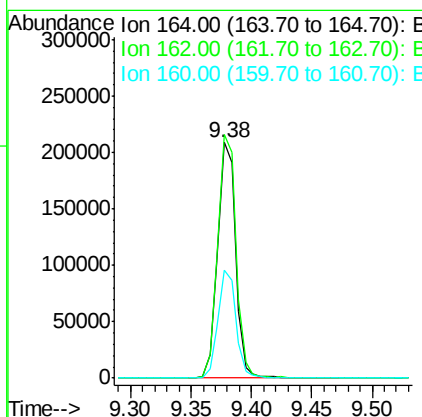
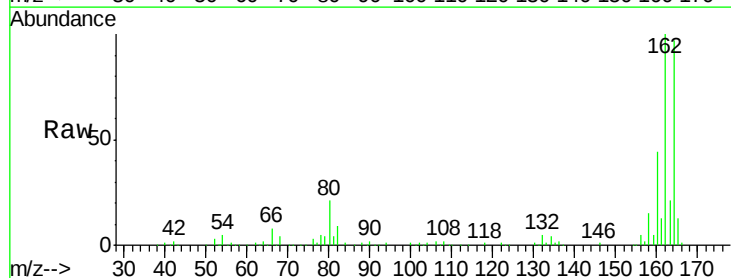
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

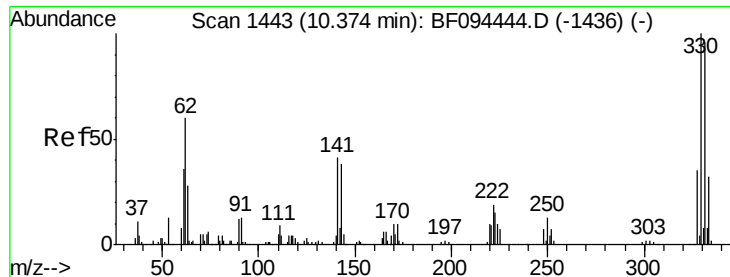
Tot Ion	82	Resp	234264
Ion Ratio	100		
Lower	34.0		
Upper	51.0		
54	47.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Tgt Ion	164	Resp	213156
Ion Ratio	100		
Lower	82.6		
Upper	123.8		
162	103.2	36.2	54.2
160	45.6		

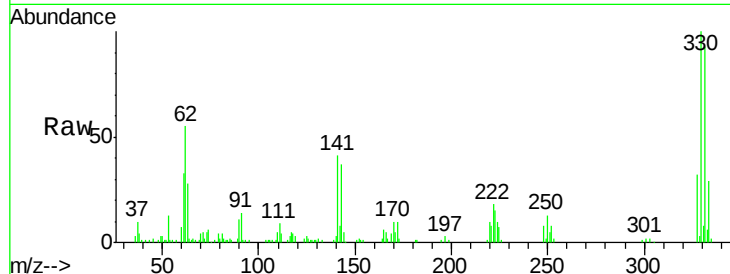




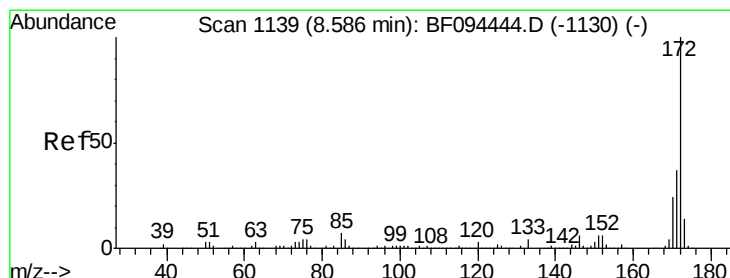
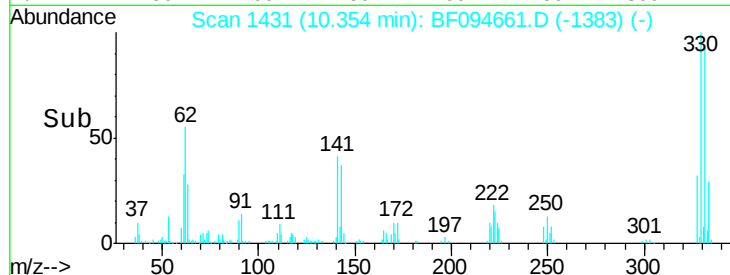
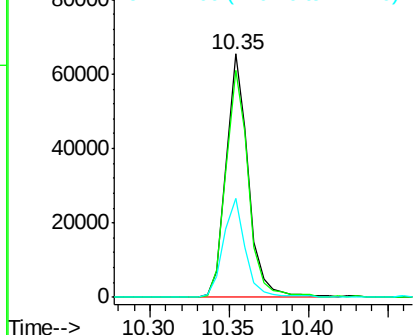
#41
 2,4,6-Tribromophenol
 Concen: 38.10 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

Tot Ion:330 Resp: 63531
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 115.0
 141 40.8 31.4 47.2

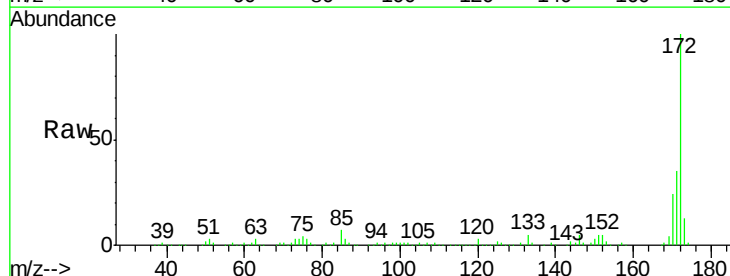


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

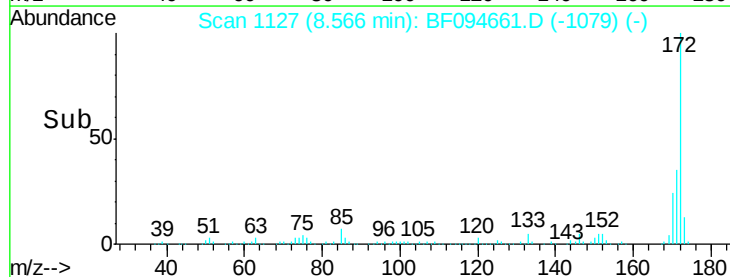
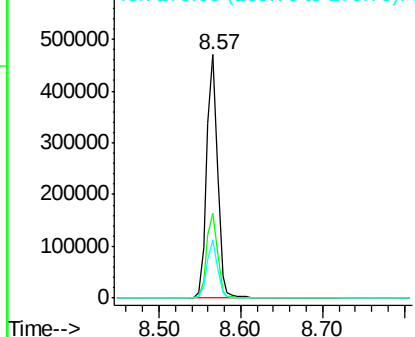


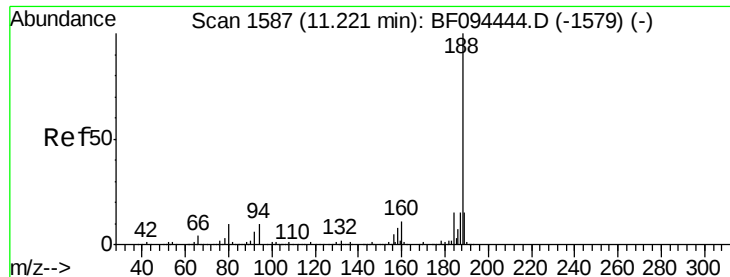
#44
 2-Fluorobiphenyl
 Concen: 30.13 ng
 RT: 8.57 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Tgt Ion:172 Resp: 436488
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.6 44.4
 170 23.7 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

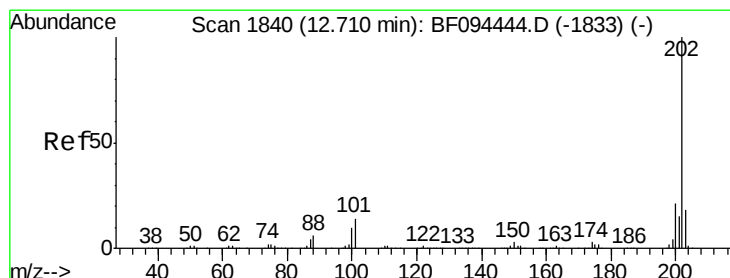
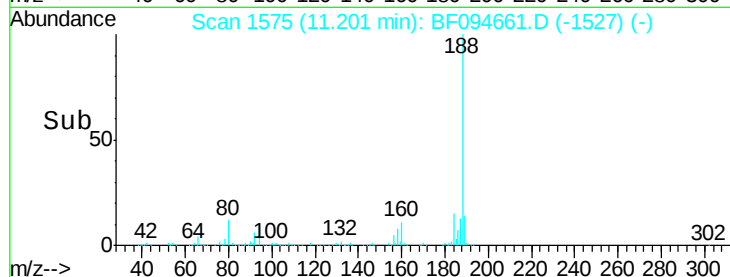
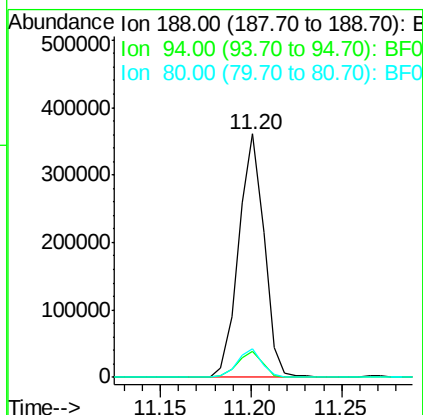
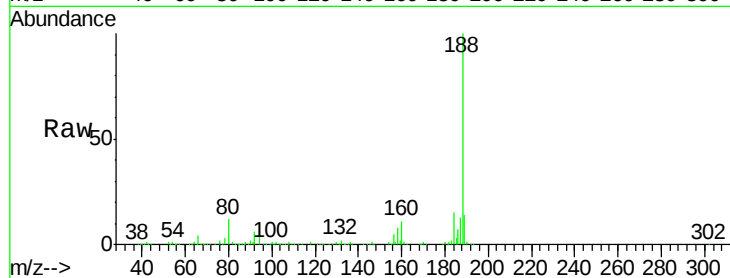




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094661.D
Acq: 26 Apr 2017 21:44

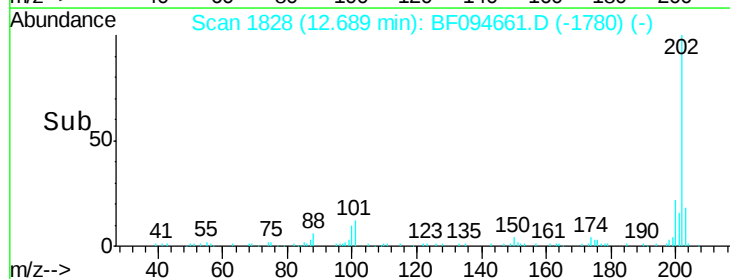
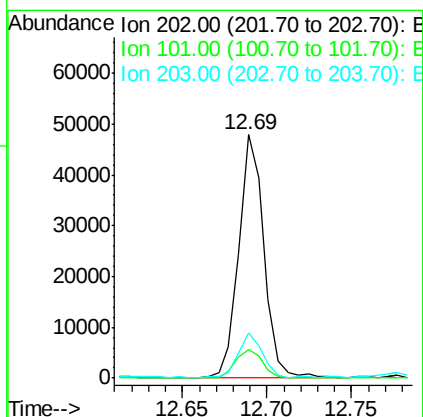
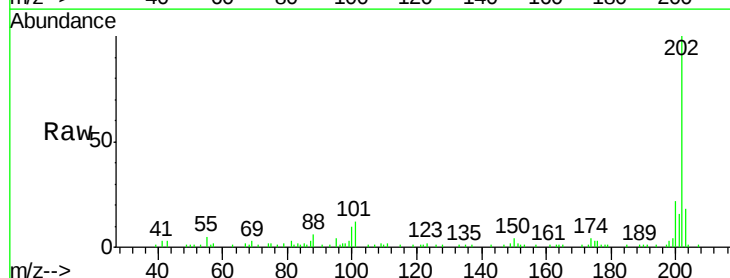
Instrument :
BNA_F
ClientSampleId :
E2-W9-ESW

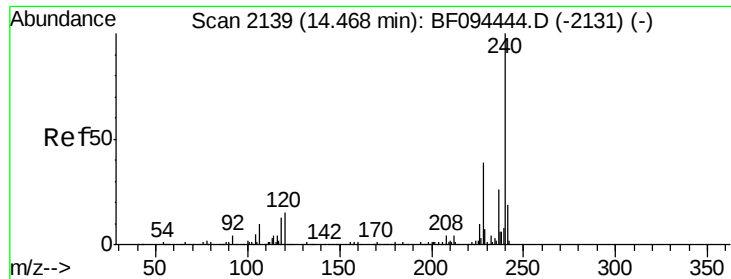
Tot Ion:188 Resp: 351855
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.5 10.2 15.2



#74
Fluoranthene
Concen: 2.43 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF094661.D
Acq: 26 Apr 2017 21:44

Tgt Ion:202 Resp: 49858
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.2
203 18.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094661.D

Acq: 26 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

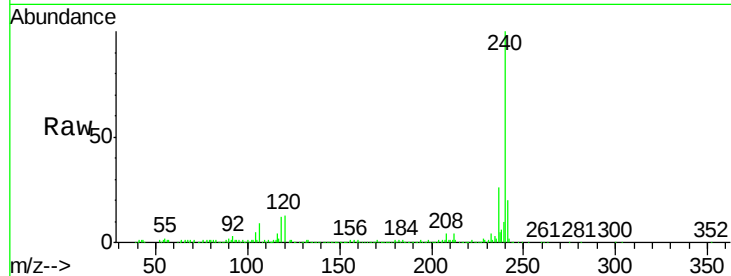
Tot Ion:240 Resp: 268188

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

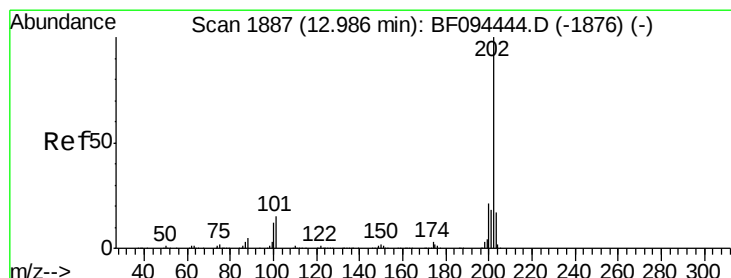
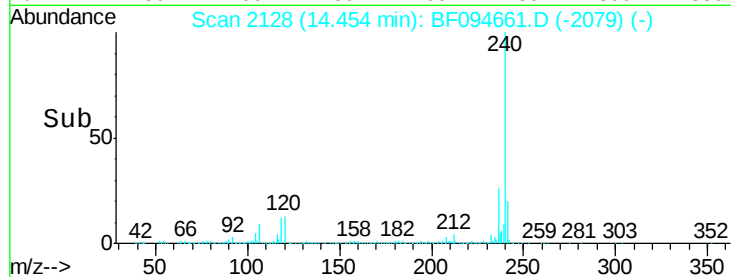
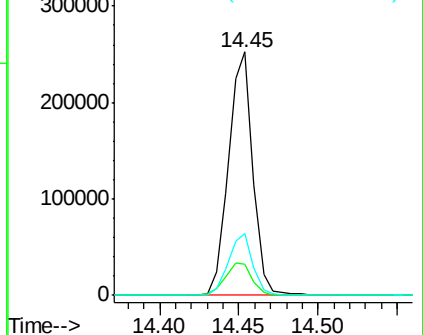
236 25.6 20.5 30.7



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: 2.51 ng

RT: 12.97 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BF094661.D

Acq: 26 Apr 2017 21:44

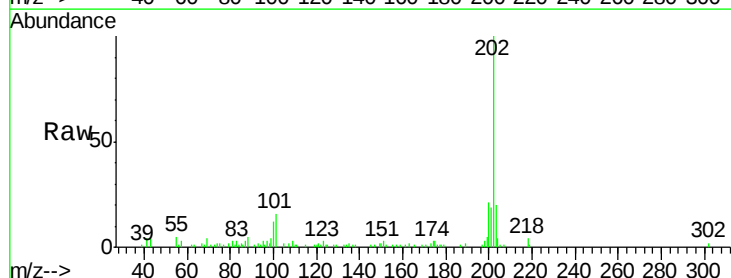
Tgt Ion:202 Resp: 47033

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

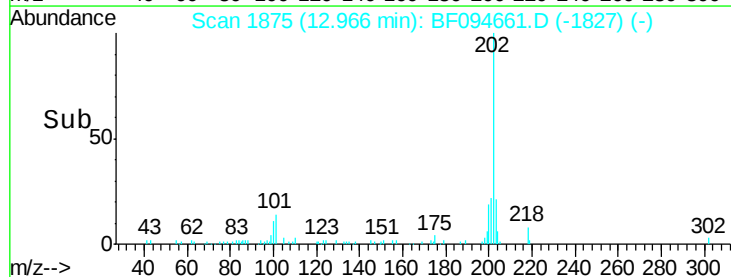
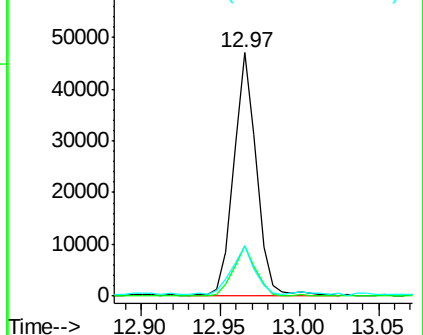
203 20.5 14.4 21.6

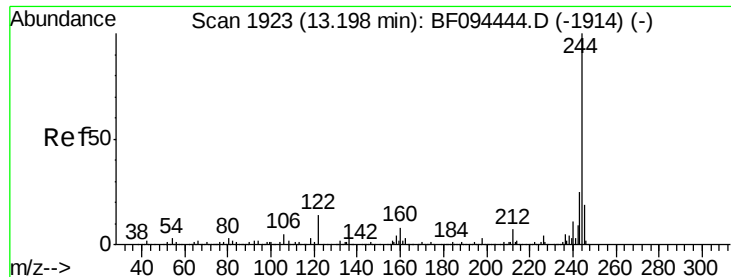


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

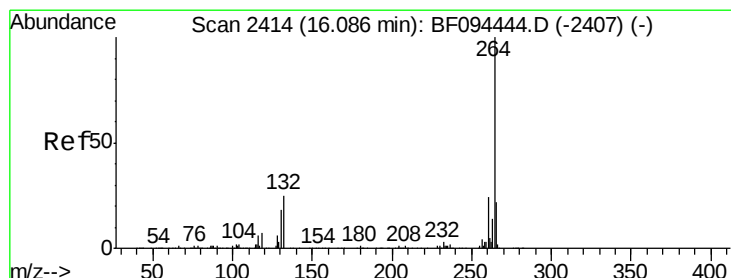
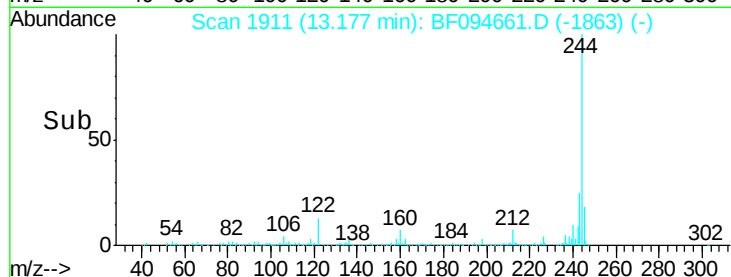
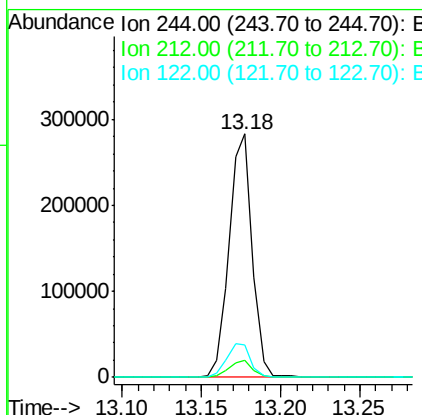
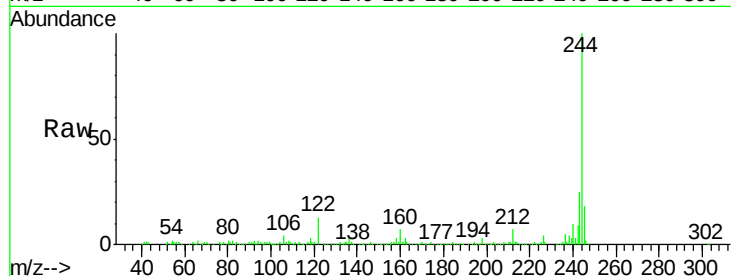




#78
 Terphenyl-d14
 Concen: 28.44 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

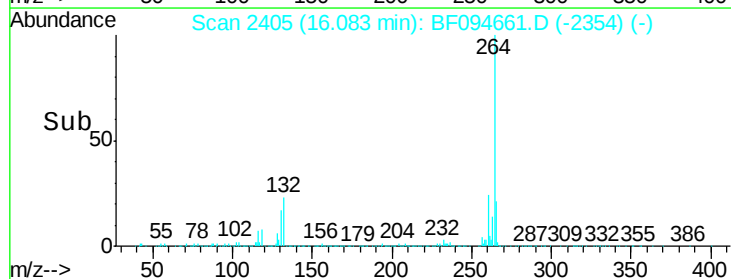
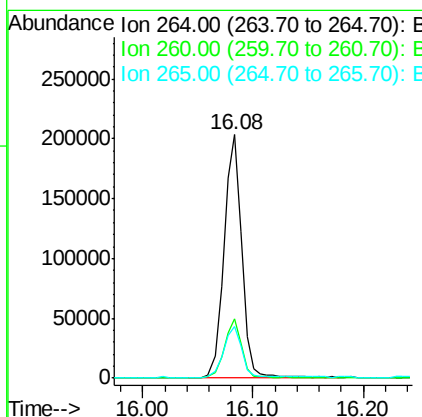
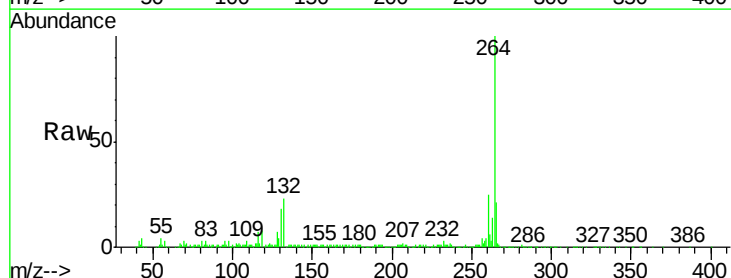
Instrument :
 BNA_F
 ClientSampleId :
 E2-W9-ESW

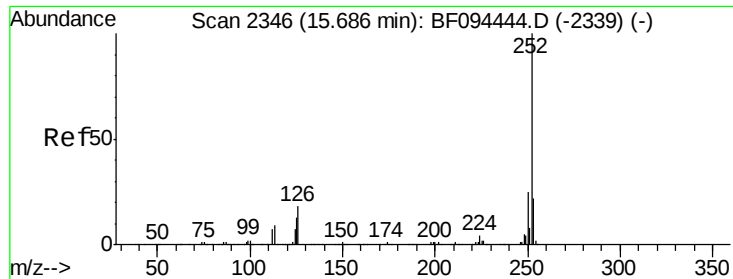
Tot Ion:244 Resp: 285368
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094661.D
 Acq: 26 Apr 2017 21:44

Tgt Ion:264 Resp: 226517
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.35 ng/mL

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094661.D

Acq: 26 Apr 2017 21:44

Instrument :

BNA_F

ClientSampleId :

E2-W9-ESW

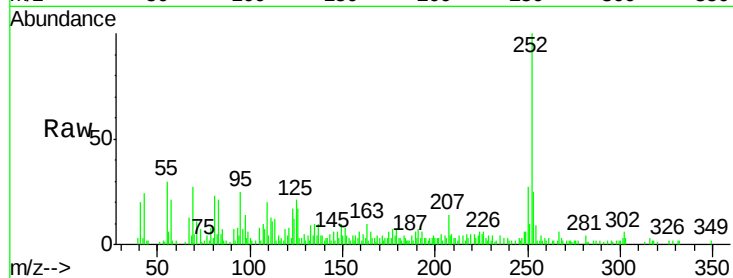
Tot Ion: 252 Resp: 32574

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 21.2 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

