

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
 Data File : BF094784.D
 Acq On : 2 May 2017 7:46
 Operator : SJ/MA
 Sample : I2892-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-E(4.5-5)

Quant Time: May 02 08:30:55 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

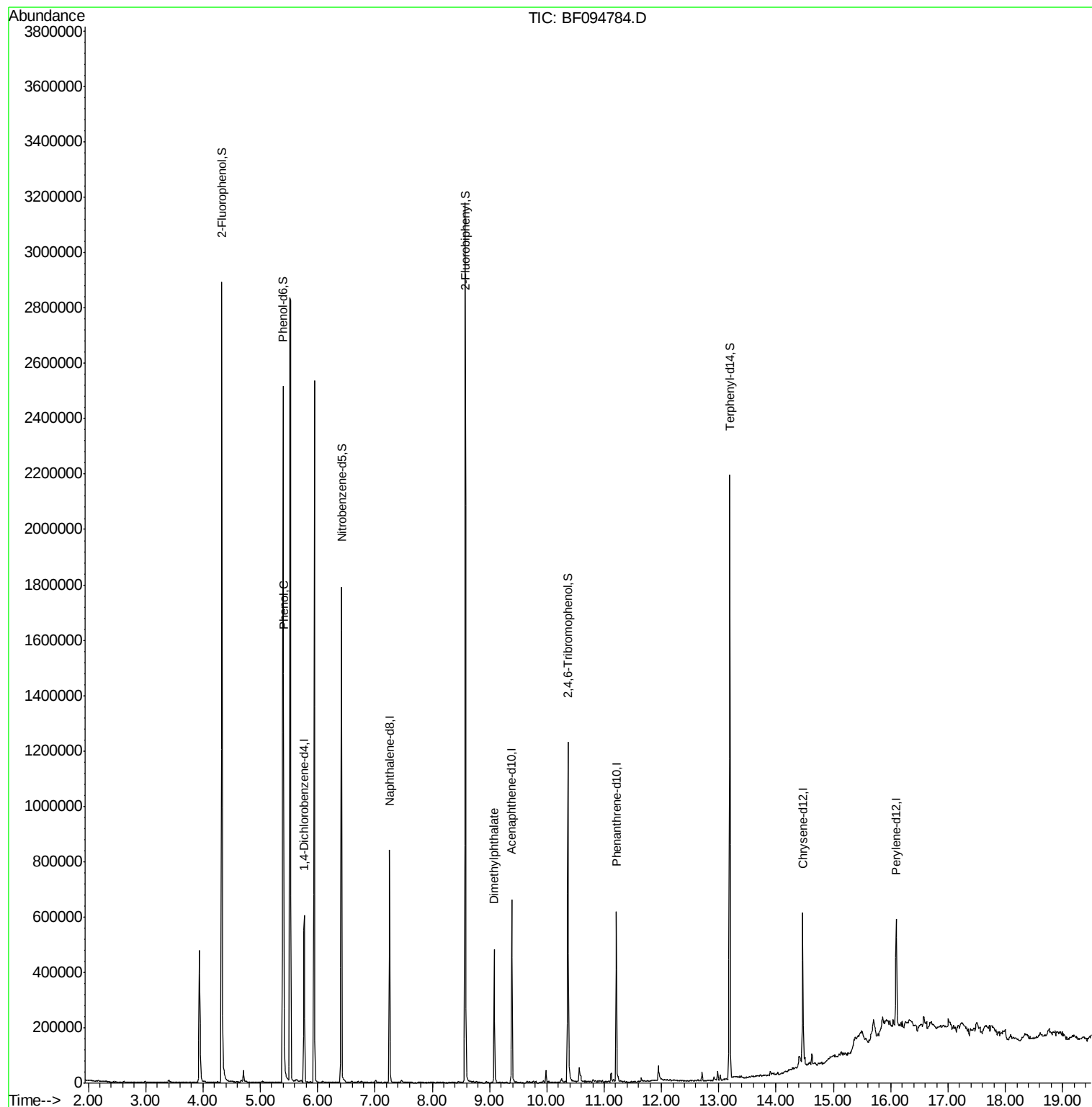
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99644	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	402530	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	150314	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	245891	20.00	ng	0.00
75) Chrysene-d12	14.47	240	210483	20.00	ng	0.00
86) Perylene-d12	16.09	264	156593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	913815	152.15	ng	0.03
7) Phenol-d6	5.40	99	1109962	156.76	ng	0.00
23) Nitrobenzene-d5	6.42	82	665504	102.09	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	173863	147.88	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1116467	109.28	ng	0.00
78) Terphenyl-d14	13.19	244	791550	100.52	ng	0.00
Target Compounds						
10) Phenol	5.41	94	27234	3.13	ng	95
49) Dimethylphthalate	9.08	163	235560	21.03	ng	100

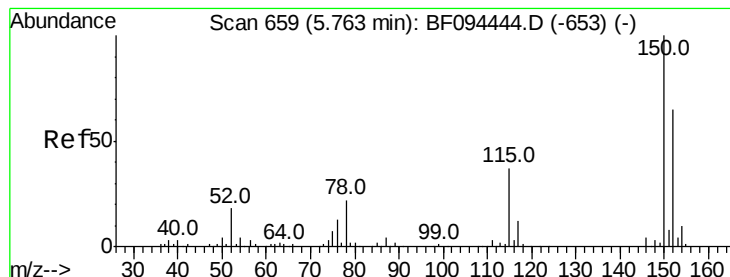
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094784.D
Acq On : 2 May 2017 7:46
Operator : SJ/MA
Sample : I2892-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWS-E(4.5-5)

Quant Time: May 02 08:30:55 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: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

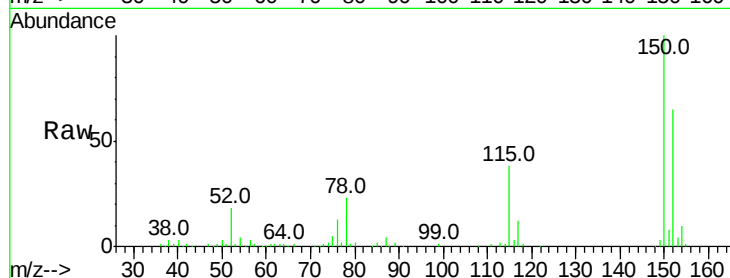
Tot Ion:152 Resp: 99644

Ion Ratio Lower Upper

152 100

150 152.9 126.2 189.2

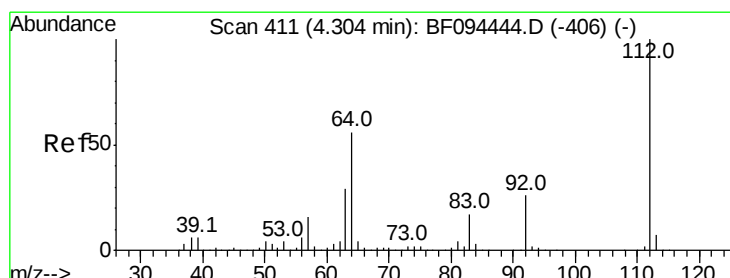
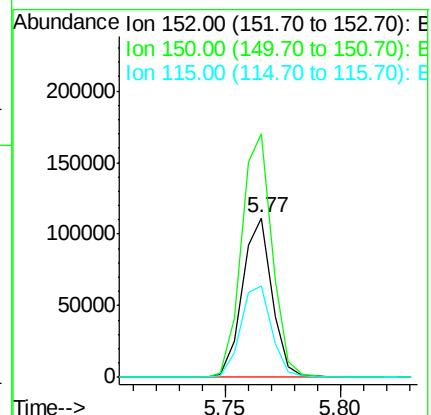
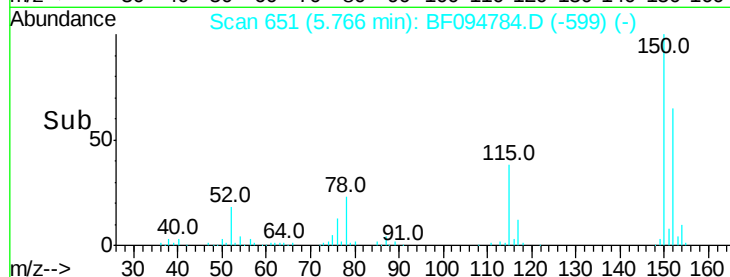
115 57.6 52.2 78.2



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: 152.15 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

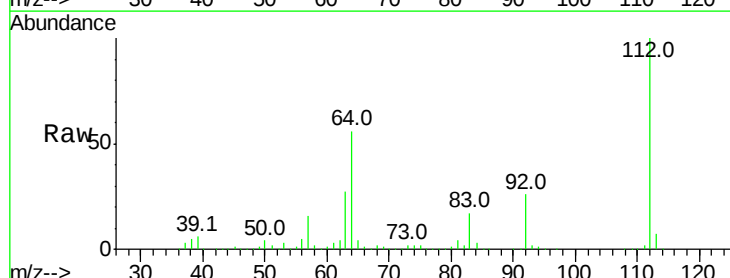
Tgt Ion:112 Resp: 913815

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

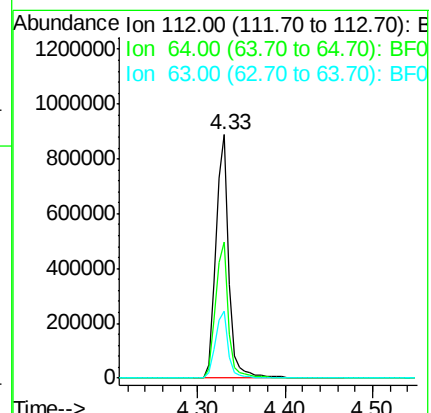
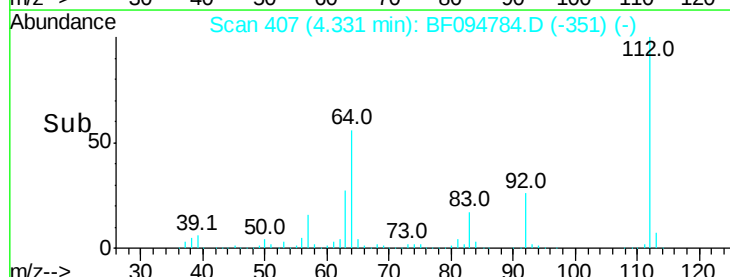
63 27.3 23.4 35.0

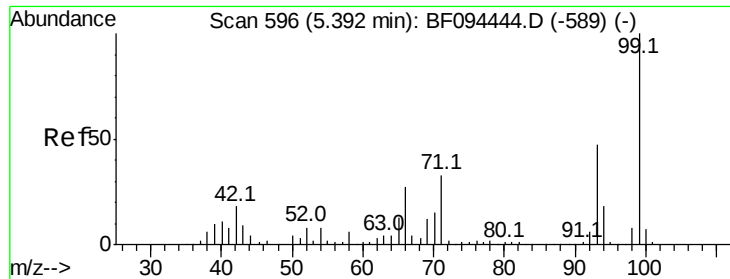


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.76 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

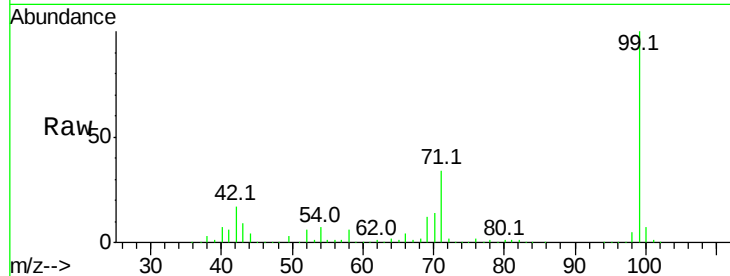
Tot Ion: 99 Resp: 1109962

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.6	24.5	36.7

99 100

42 17.2 13.5 20.3

71 33.6 24.5 36.7

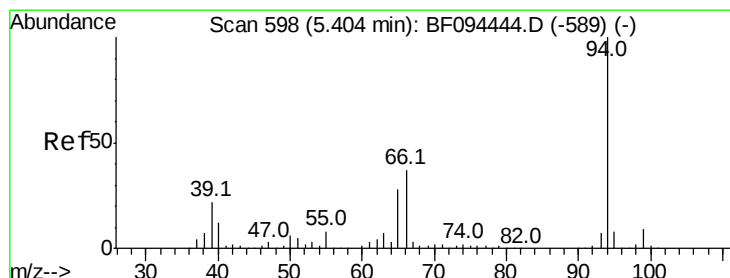
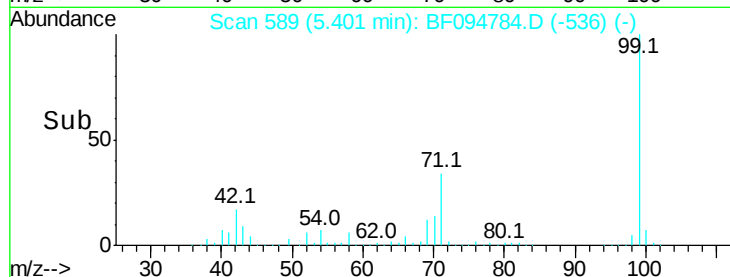
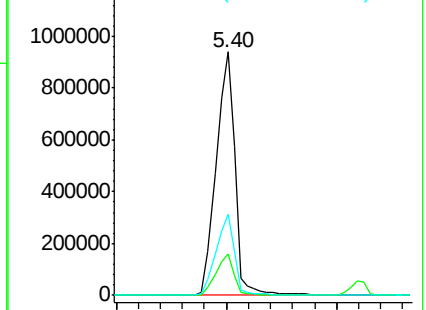


Abundance

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



#10

Phenol

Concen: 3.13 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

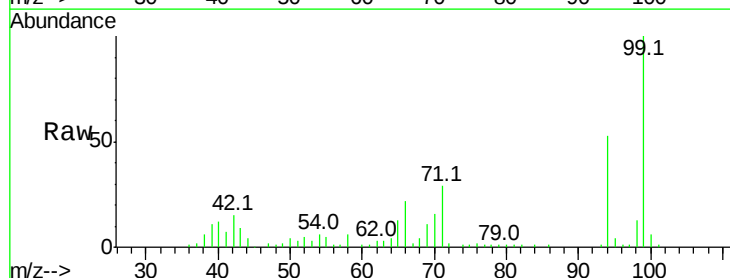
Tgt Ion: 94 Resp: 27234

Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	42.0	23.1	63.1

94 100

65 25.0 9.9 49.9

66 42.0 23.1 63.1

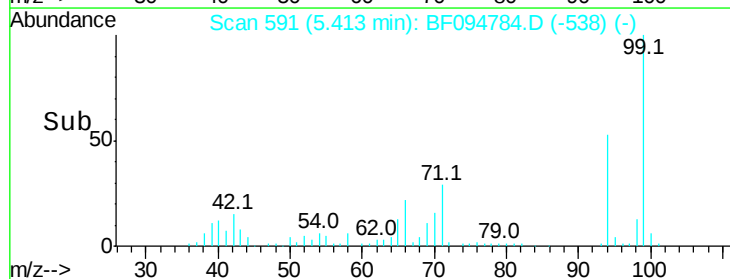
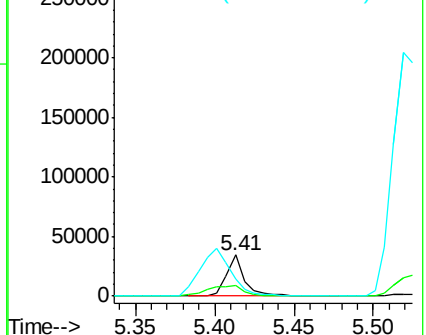


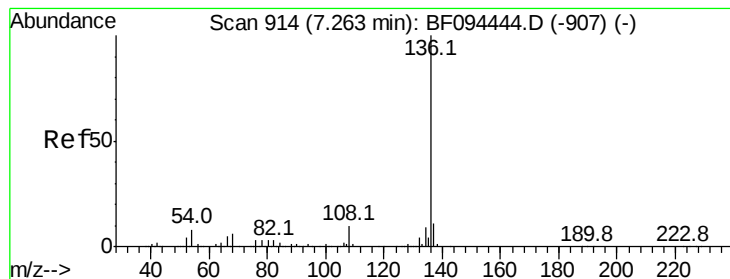
Abundance

Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

Tot Ion:136 Resp: 402530

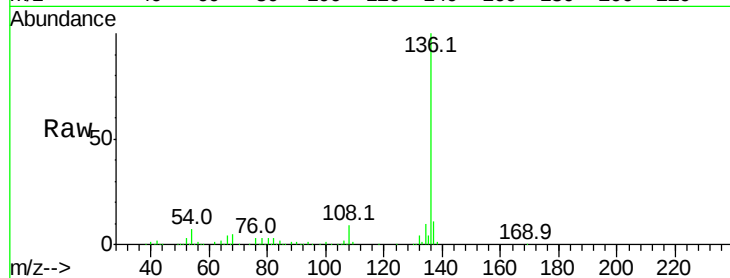
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 5.3 4.1 6.1

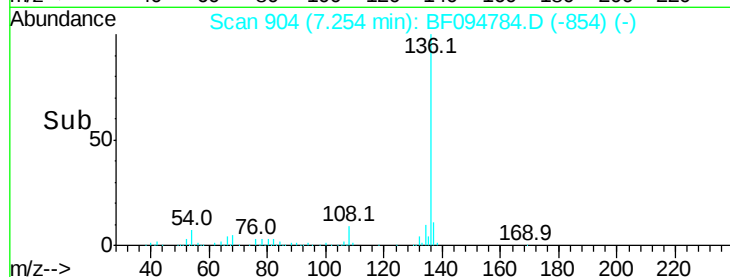


Abundance Ion 136.00 (135.70 to 136.70): E

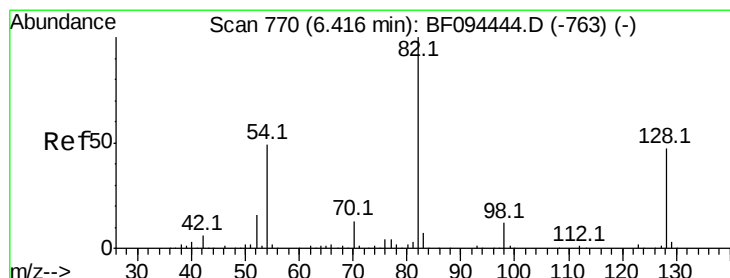
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 102.09 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

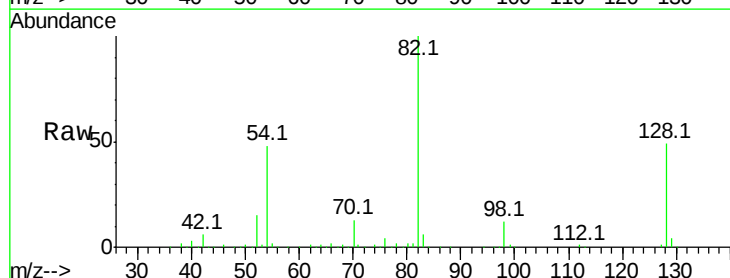
Tgt Ion: 82 Resp: 665504

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

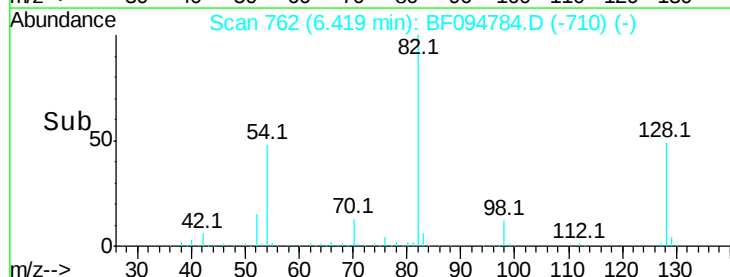
54 47.9 42.2 63.2



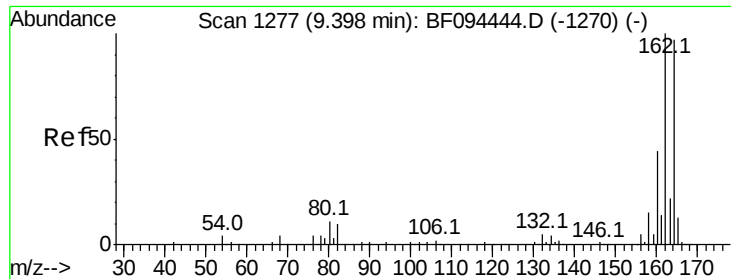
Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

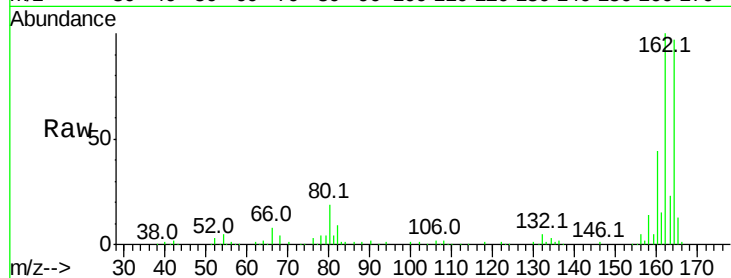
Tot Ion:164 Resp: 150314

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

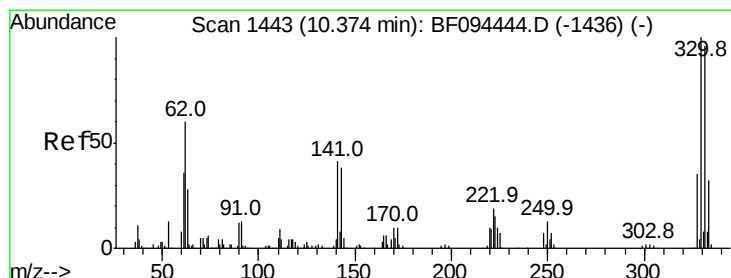
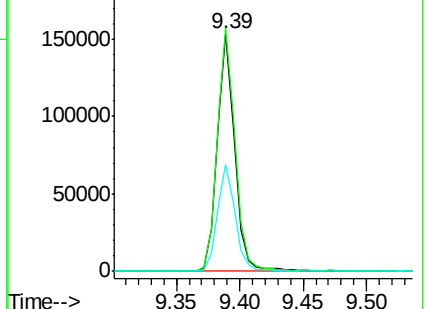
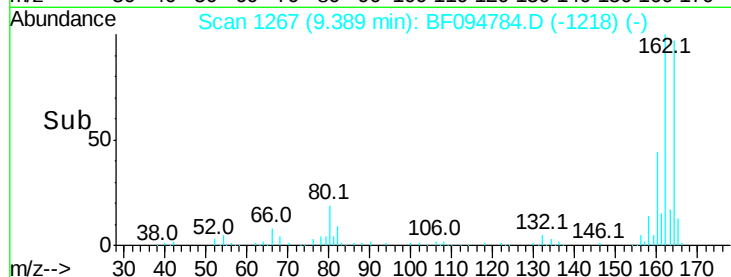
160 45.1 36.2 54.2



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: 147.88 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

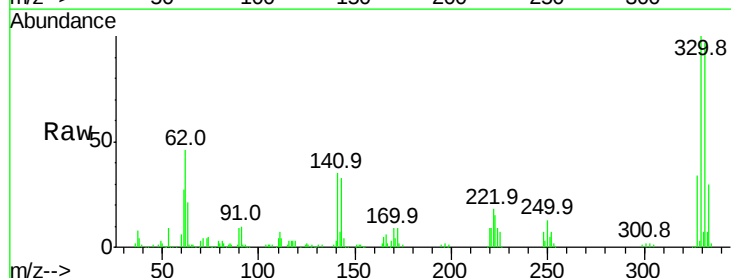
Tgt Ion:330 Resp: 173863

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

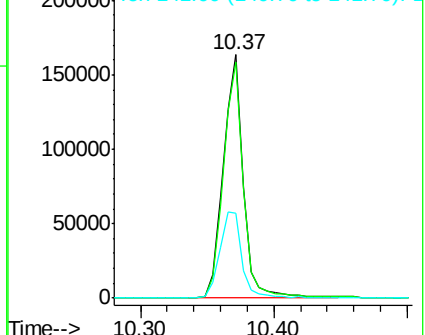
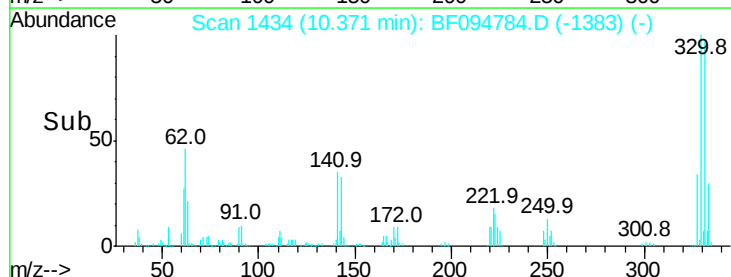
141 39.6 31.4 47.2

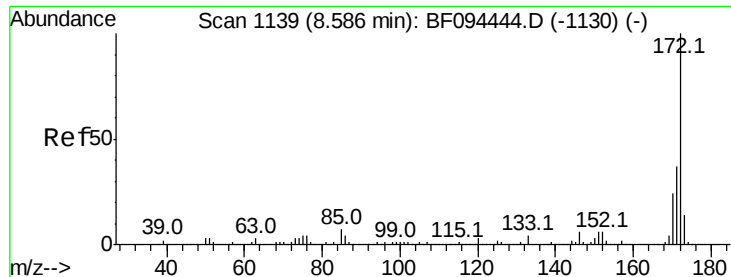


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

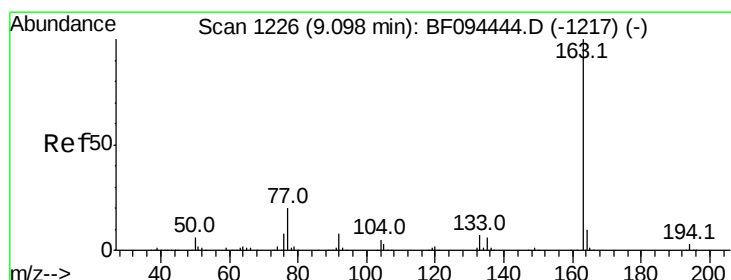
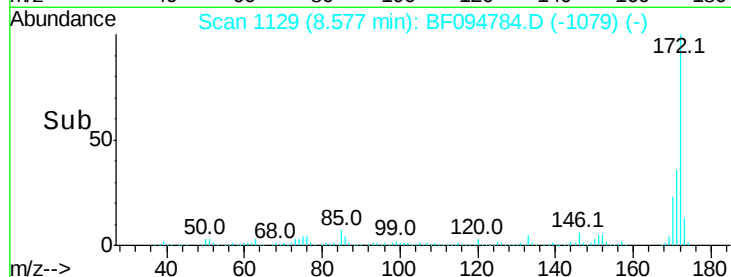
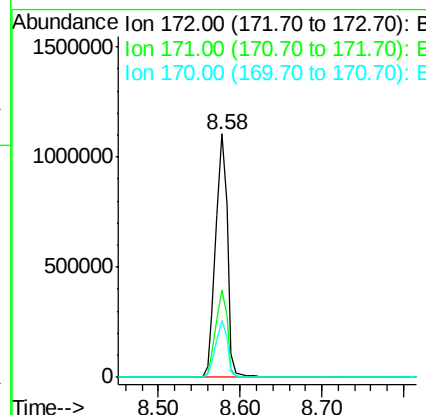
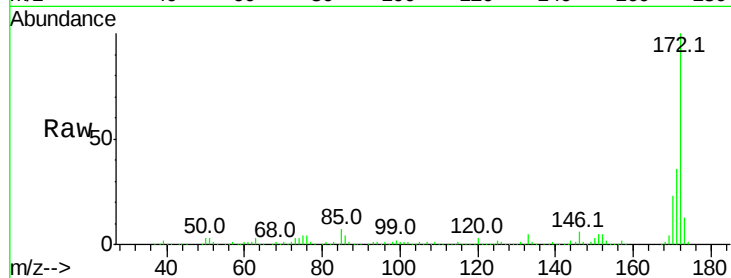




#44
2-Fluorobiphenyl
Concen: 109.28 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

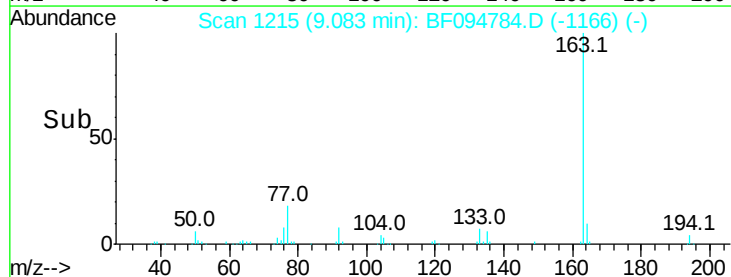
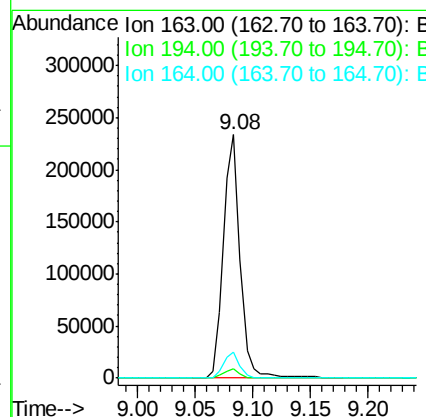
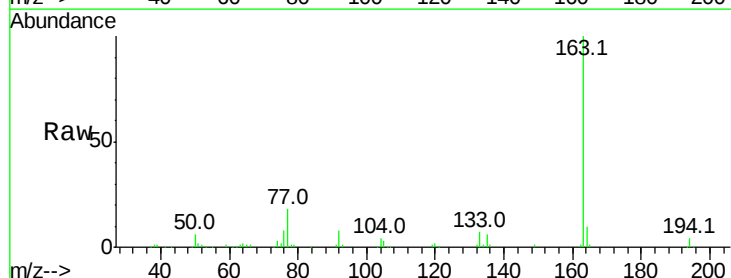
Instrument :
BNA_F
ClientSampleId :
OWS-E(4.5-5)

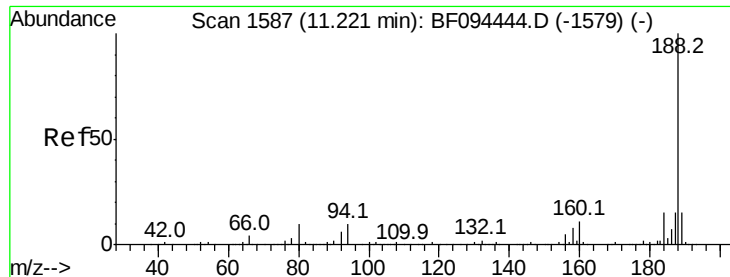
Tot Ion:172 Resp: 1116467
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.8 29.8



#49
Dimethylphthalate
Concen: 21.03 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094784.D
Acq: 2 May 2017 7:46

Tgt Ion:163 Resp: 235560
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.5 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: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

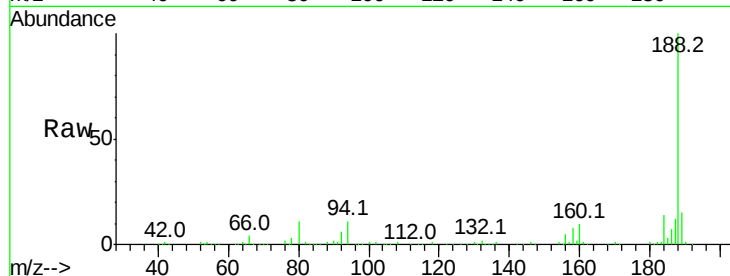
Tot Ion:188 Resp: 245891

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

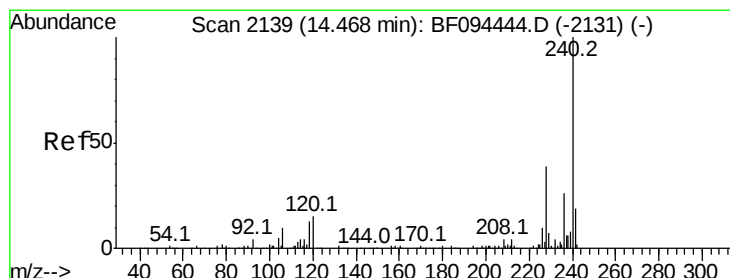
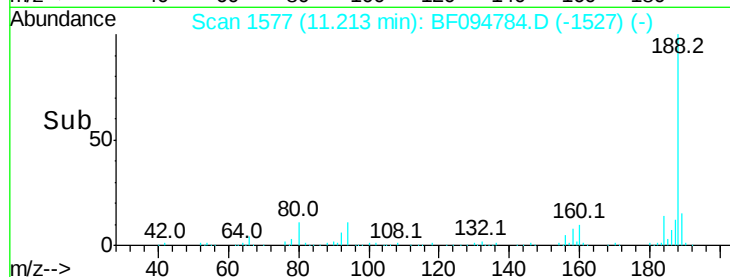
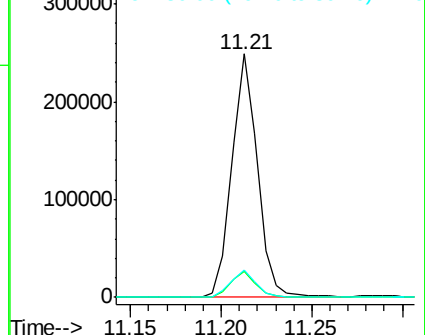
80 11.1 10.2 15.2



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

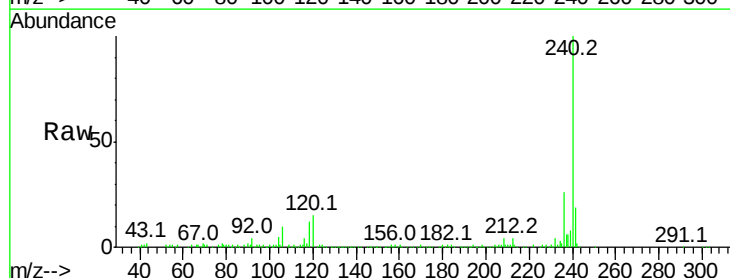
Tgt Ion:240 Resp: 210483

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

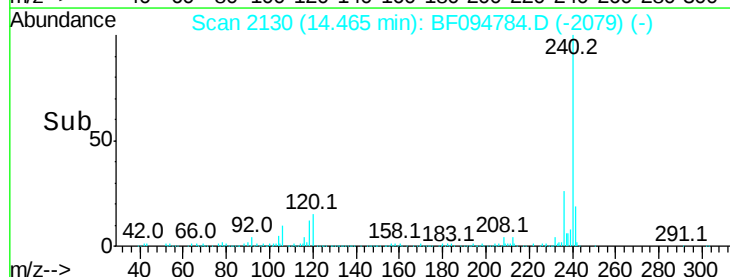
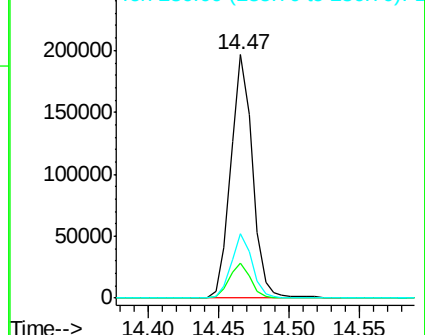
236 26.4 20.5 30.7

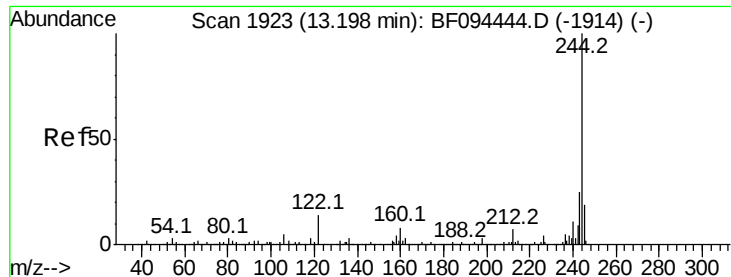


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.52 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Instrument :

BNA_F

ClientSampleId :

OWS-E(4.5-5)

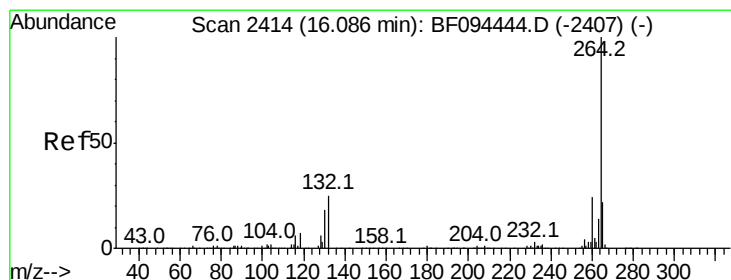
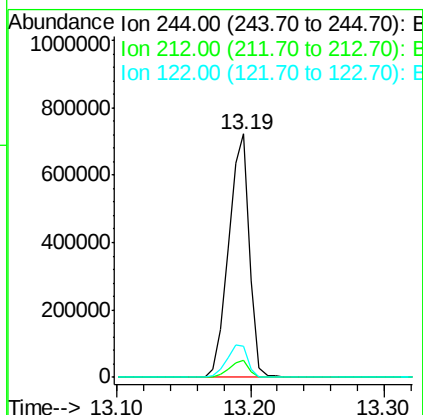
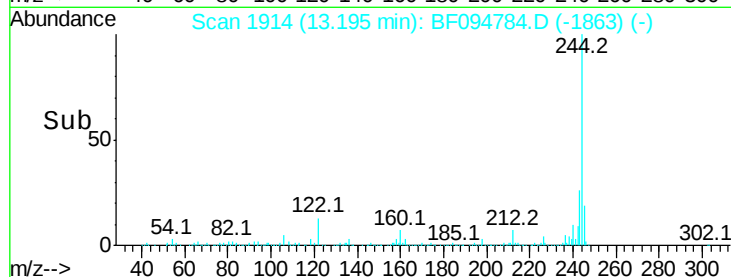
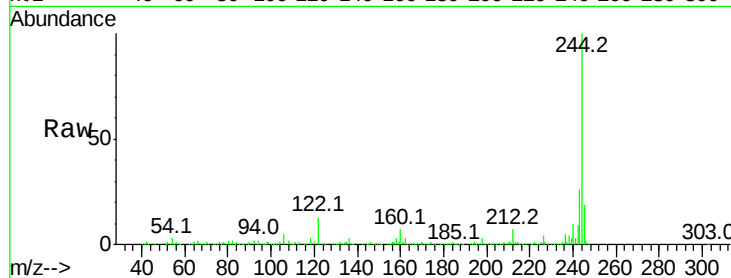
Tot Ion:244 Resp: 791550

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 12.7 10.3 15.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094784.D

Acq: 2 May 2017 7:46

Tgt Ion:264 Resp: 156593

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.9 17.2 25.8

