

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093122.D
 Acq On : 23 Feb 2017 23:33
 Operator : SJ/MA
 Sample : I1954-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

Quant Time: Feb 24 00:37:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

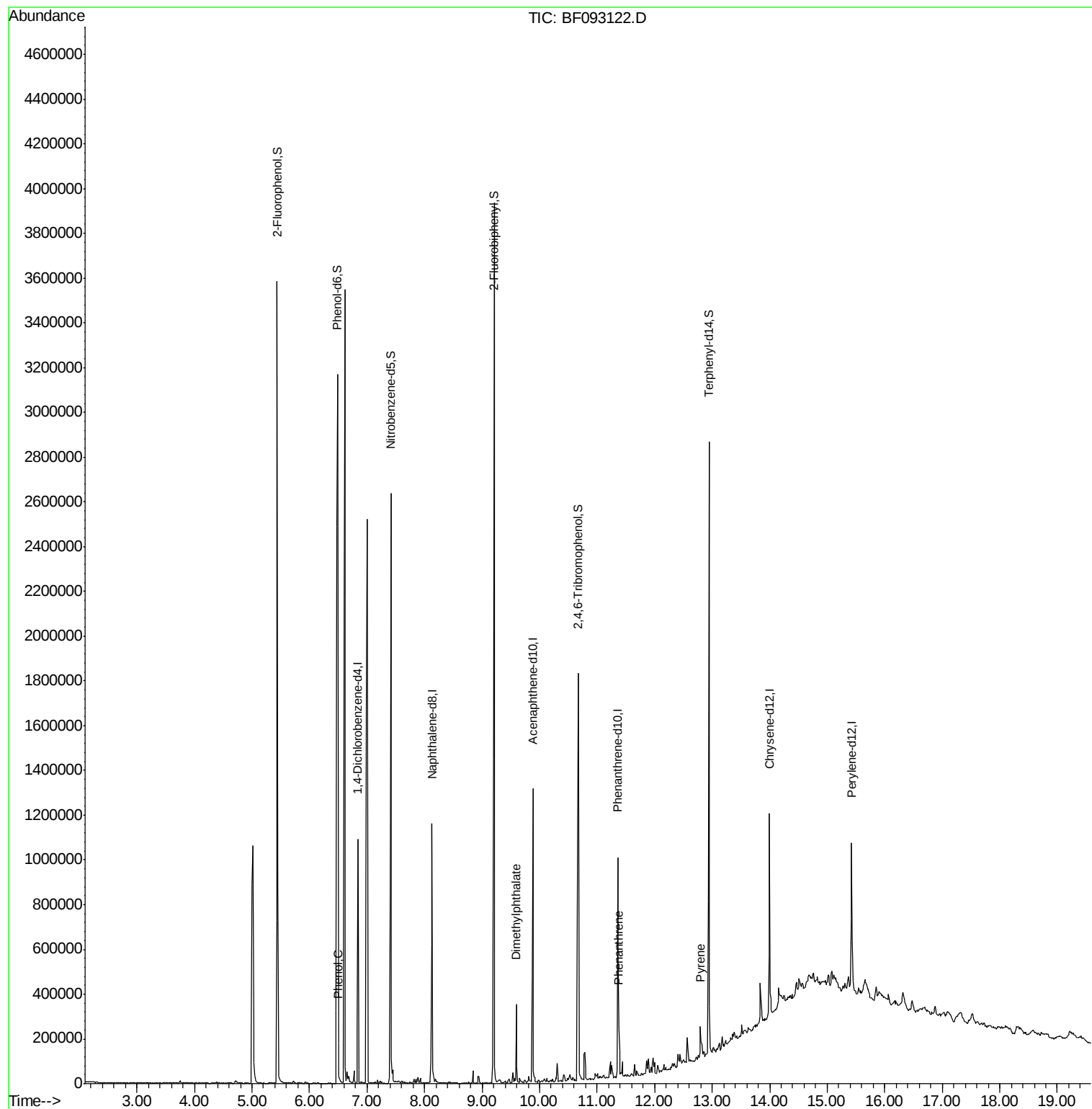
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	163337	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	613869	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	272376	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	428016	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	318767	20.00	ng	-0.02
86) Perylene-d12	15.43	264	297212	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1025828	107.75	ng	-0.01
7) Phenol-d6	6.49	99	1490763	121.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	869405	78.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	234816	119.20	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1314666	87.44	ng	-0.01
78) Terphenyl-d14	12.95	244	808292	59.58	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	46075	3.21	ng	Qvalue # 64
49) Dimethylphthalate	9.60	163	139685	7.61	ng	97
70) Phenanthrene	11.38	178	93400	3.81	ng	96
77) Pyrene	12.80	202	59921	2.51	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

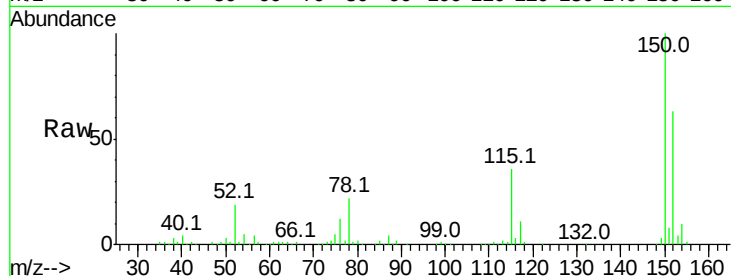
Tot Ion:152 Resp: 163337

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

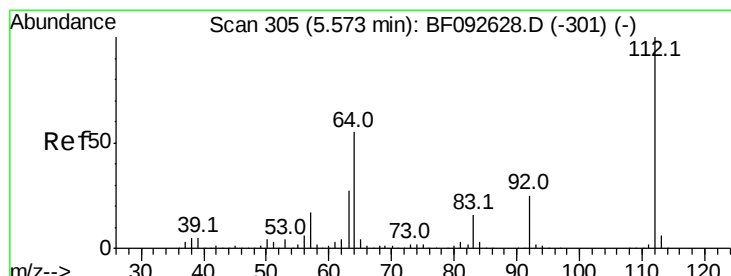
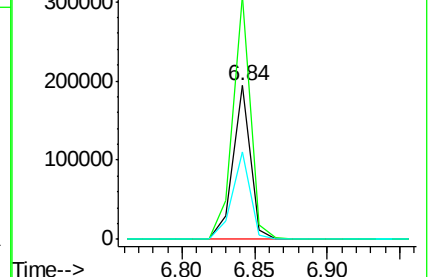
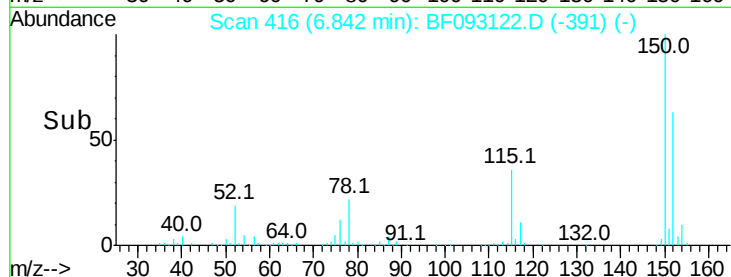
115 56.8 46.0 69.0



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: 107.75 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

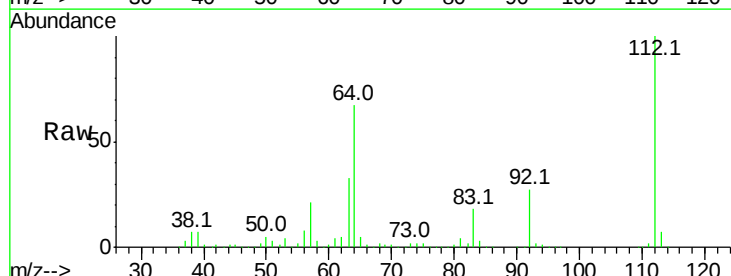
Tgt Ion:112 Resp: 1025828

Ion Ratio Lower Upper

112 100

64 67.1 46.1 69.1

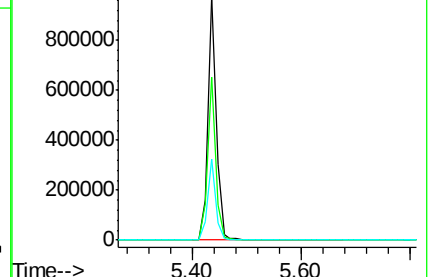
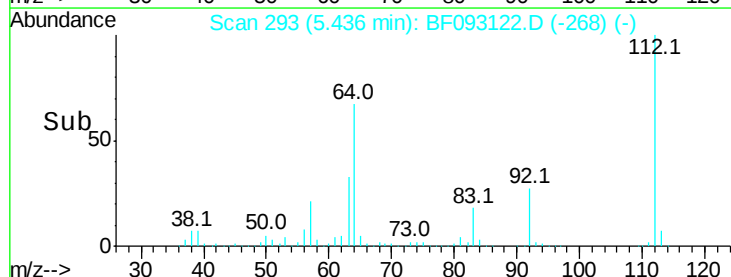
63 33.5 23.8 35.6



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: 121.70 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

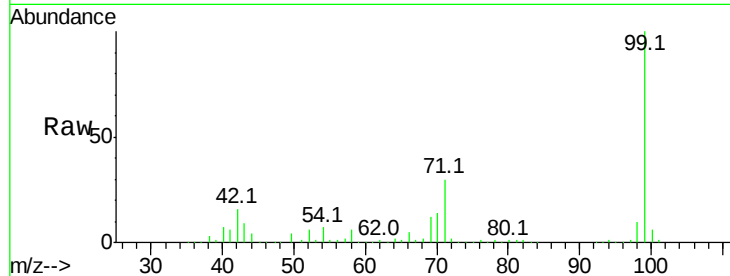
Tot Ion: 99 Resp: 1490763

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

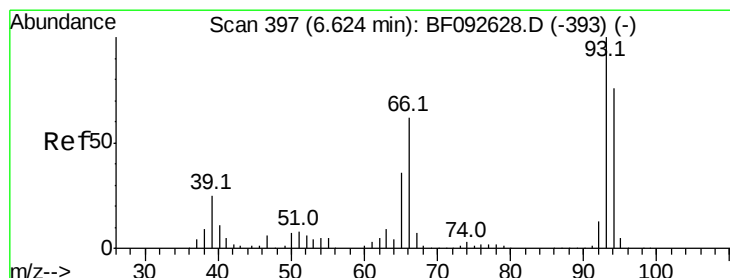
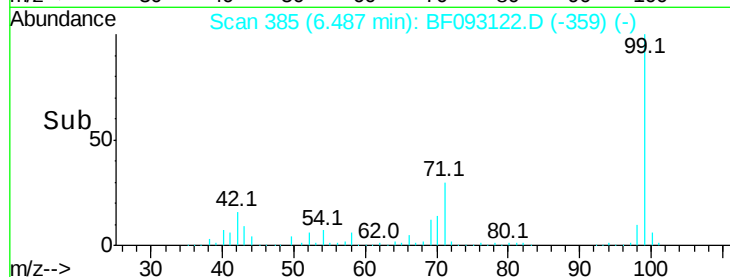
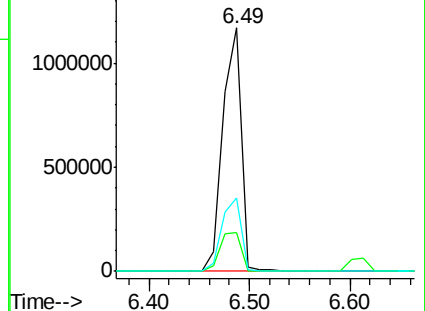
71 29.9 27.5 41.3



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



#10

Phenol

Concen: 3.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

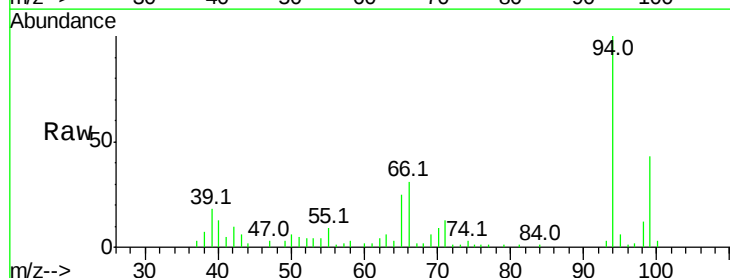
Tgt Ion: 94 Resp: 46075

Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

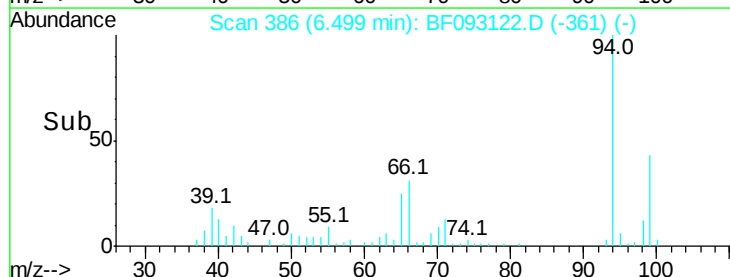
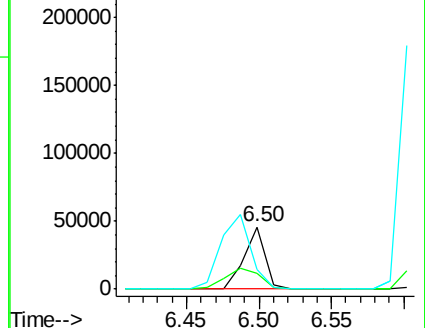
66 31.5 44.0 84.0#



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

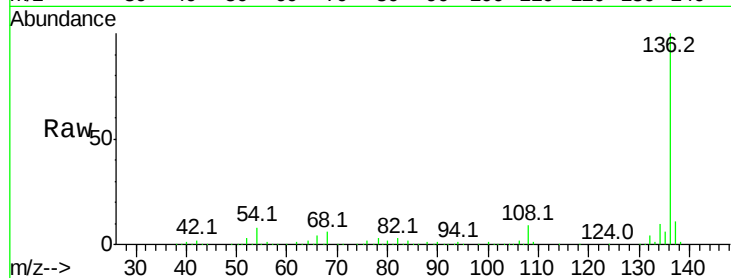




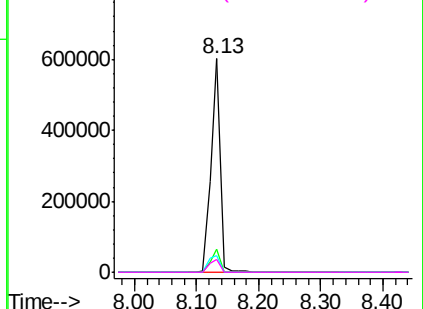
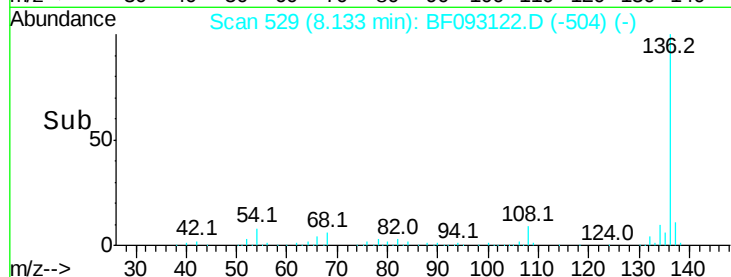
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tot Ion:	136	Resp:	613869
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.5	4.5	6.7#
68	5.8	3.6	5.4#

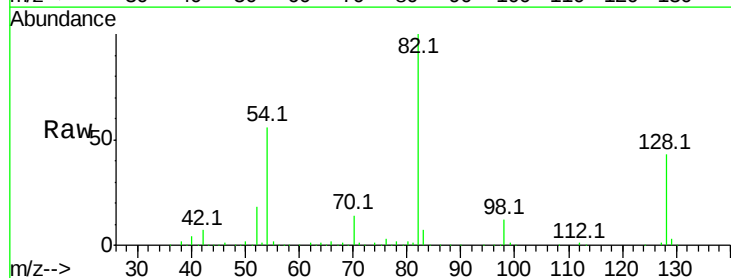


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

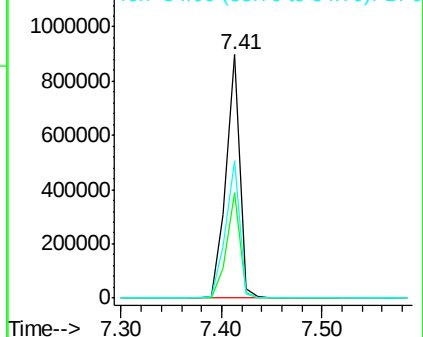
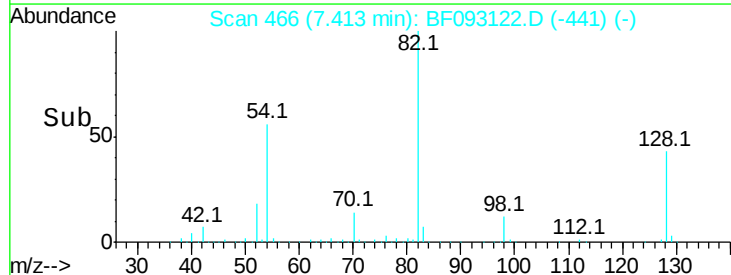


#23
Nitrobenzene-d5
Concen: 78.87 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:	82	Resp:	869405
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	56.2	39.5	59.3



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

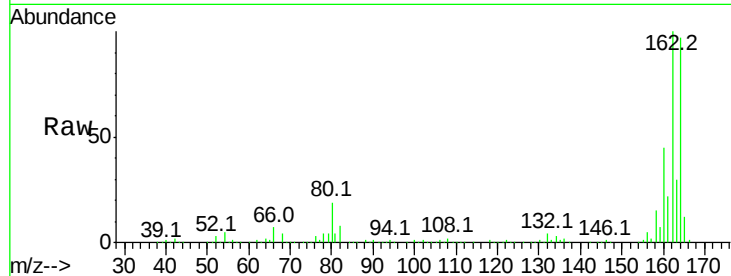




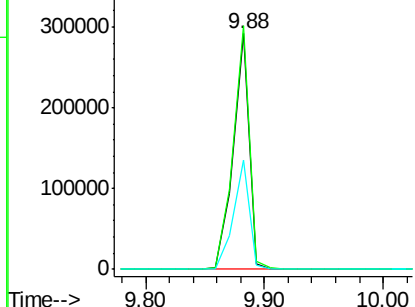
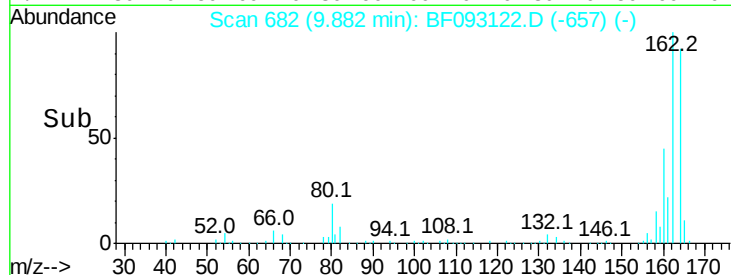
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

Tot Ion:164 Resp: 272376
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.2 120.2
 160 46.1 36.9 55.3

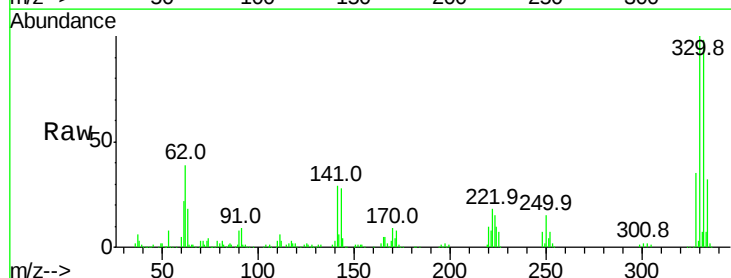


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

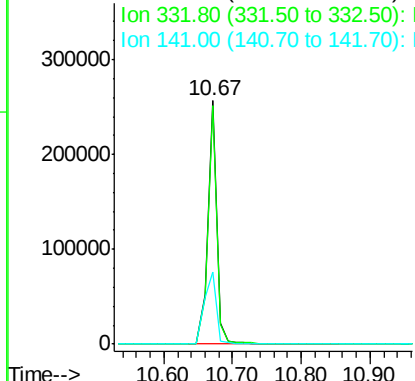
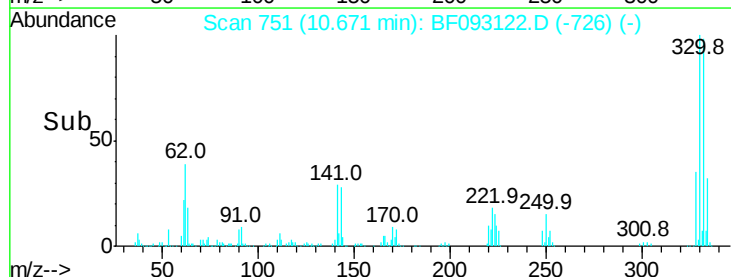


#41
 2,4,6-Tribromophenol
 Concen: 119.20 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Tgt Ion:330 Resp: 234816
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 39.1 34.1 51.1



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



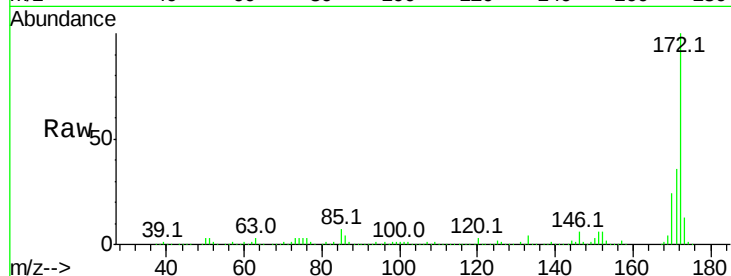


#44
 2-Fluorobiphenyl
 Concen: 87.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

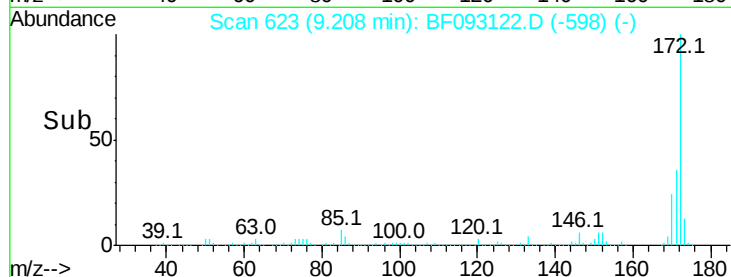
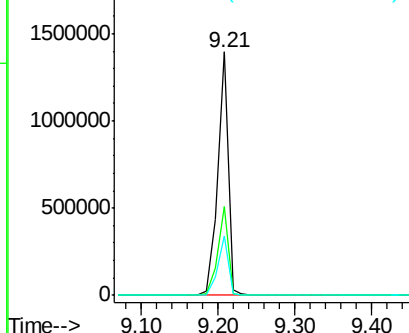
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

Tot Ion:172 Resp: 1314666

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.2	30.4



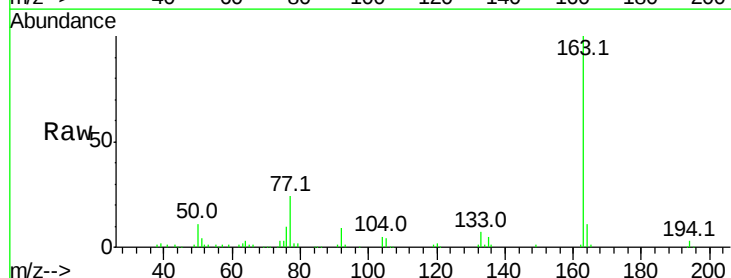
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



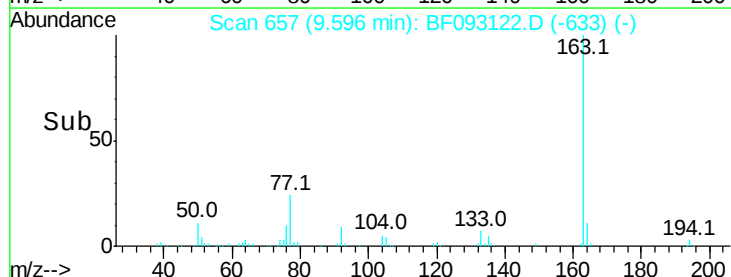
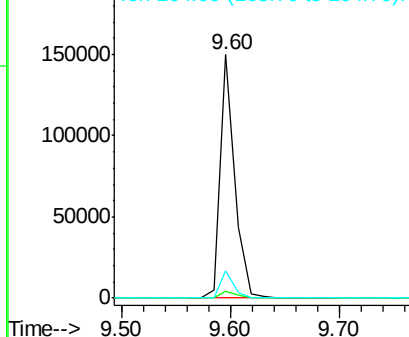
#49
 Dimethylphthalate
 Concen: 7.61 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

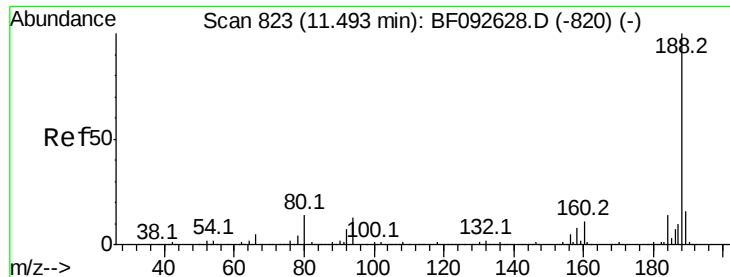
Tgt Ion:163 Resp: 139685

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	11.1	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

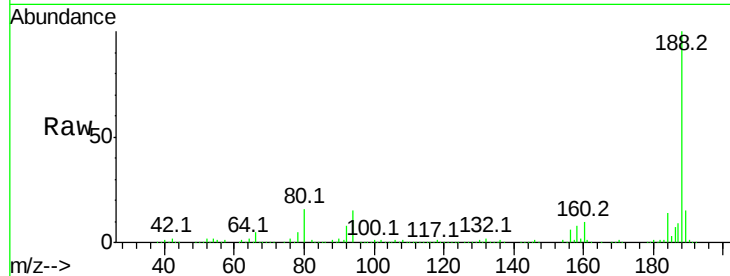




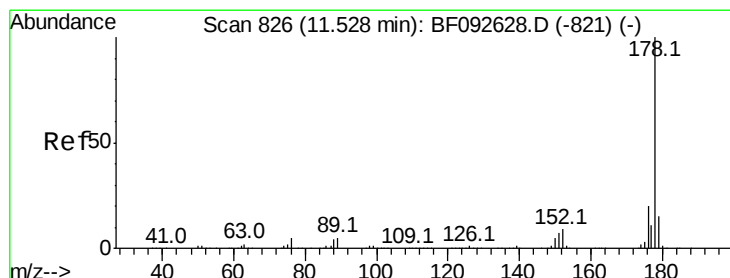
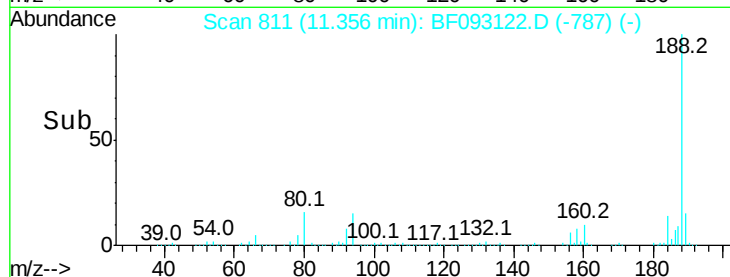
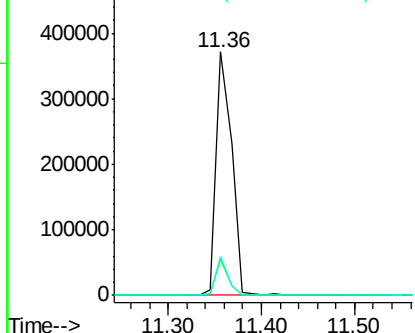
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(10-15)

Tot Ion:188 Resp: 428016
Ion Ratio Lower Upper
188 100
94 14.9 10.0 15.0
80 15.8 11.2 16.8

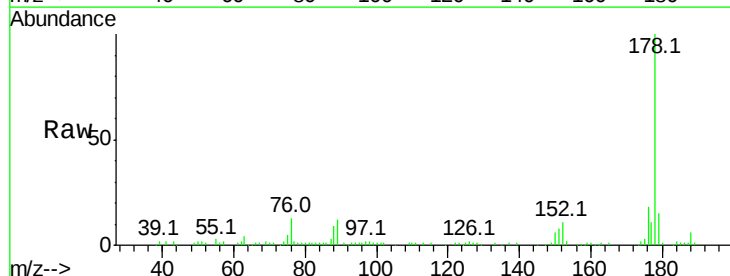


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

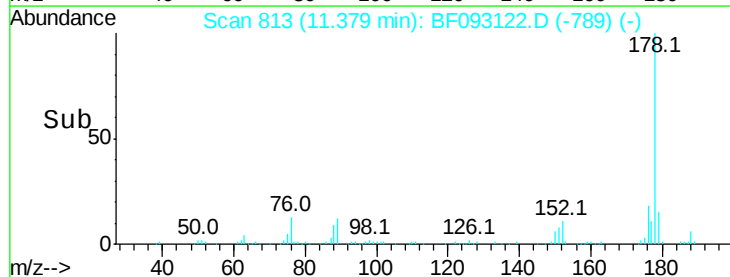
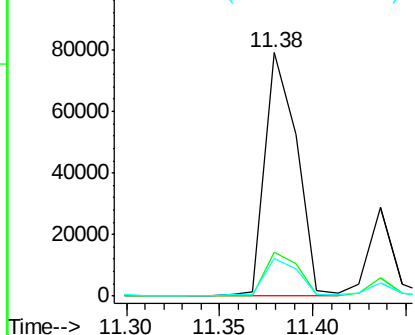


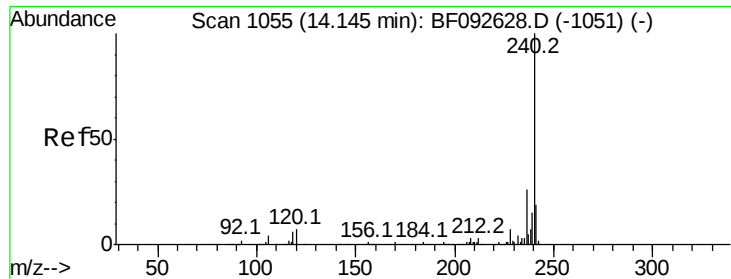
#70
Phenanthrene
Concen: 3.81 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF093122.D
Acq: 23 Feb 2017 23:33

Tgt Ion:178 Resp: 93400
Ion Ratio Lower Upper
178 100
176 18.1 16.6 25.0
179 15.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

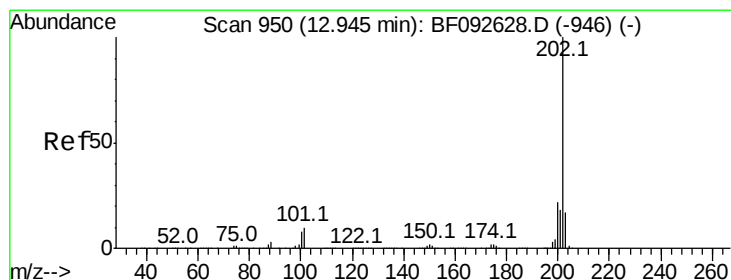
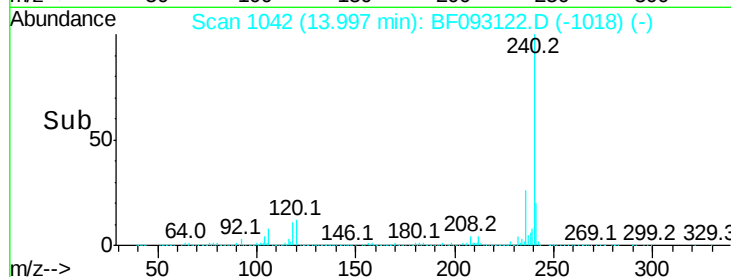
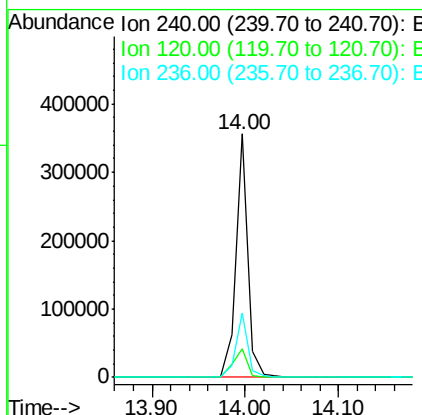
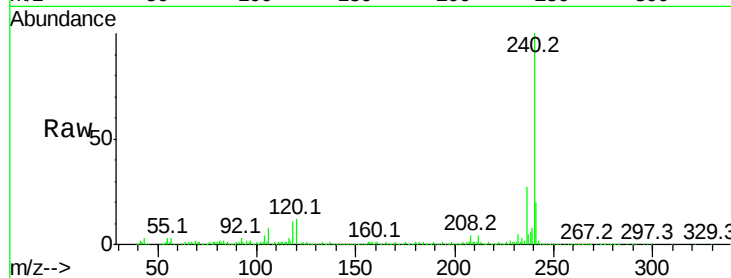




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

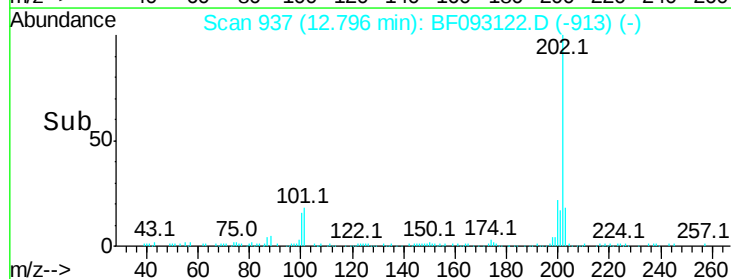
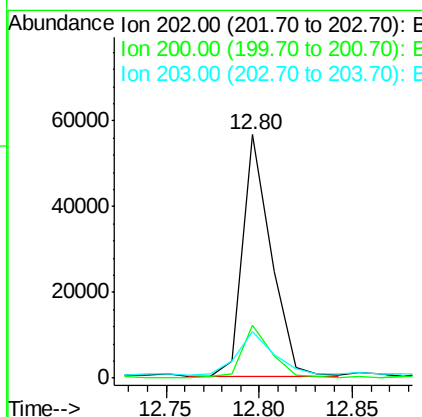
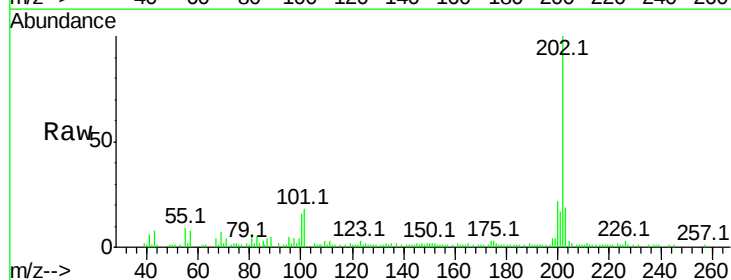
Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(10-15)

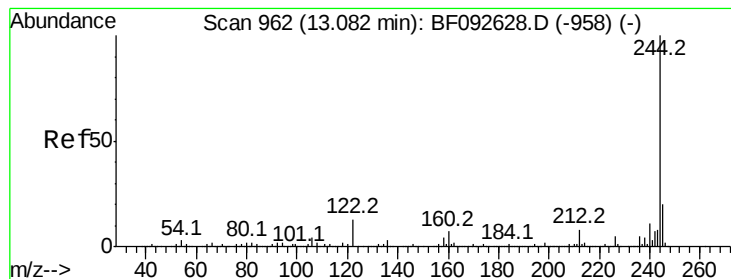
Tot Ion:240 Resp: 318767
 Ion Ratio Lower Upper
 240 100
 120 11.8 12.9 19.3#
 236 26.5 20.9 31.3



#77
 Pyrene
 Concen: 2.51 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF093122.D
 Acq: 23 Feb 2017 23:33

Tgt Ion:202 Resp: 59921
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 19.2 14.7 22.1





#78

Terphenyl-d14

Concen: 59.58 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(10-15)

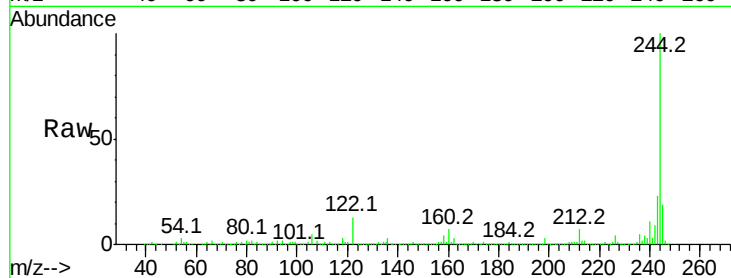
Tot Ion:244 Resp: 808292

Ion Ratio Lower Upper

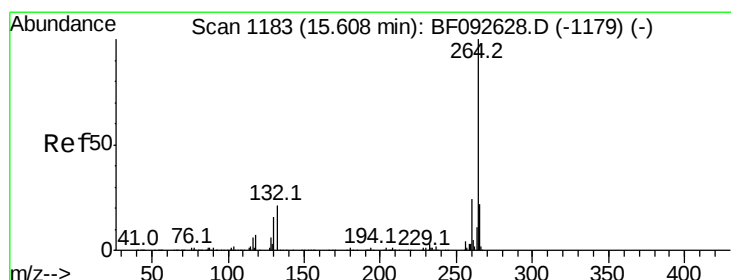
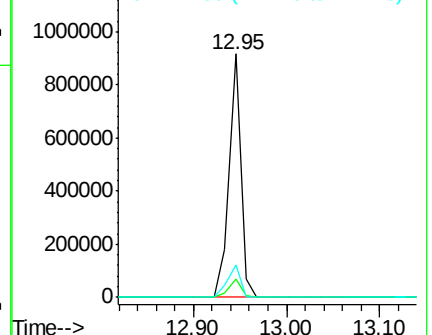
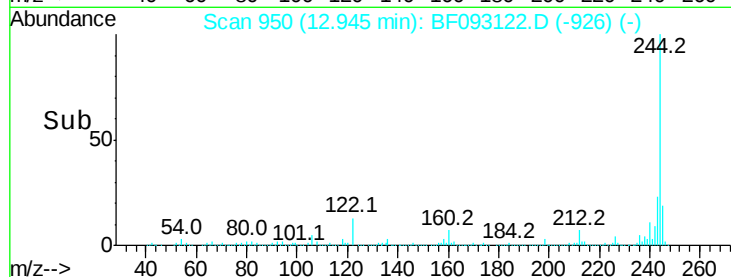
244 100

212 7.4 6.2 9.2

122 13.4 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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093122.D

Acq: 23 Feb 2017 23:33

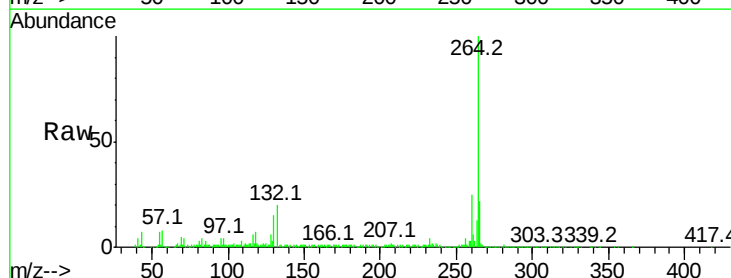
Tgt Ion:264 Resp: 297212

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.6 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

