

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093771.D
 Acq On : 20 Mar 2017 18:30
 Operator : SJ/MA
 Sample : I2271-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BHP-2

Quant Time: Mar 21 01:24:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 16:03:59 2017
 Response via : Initial Calibration

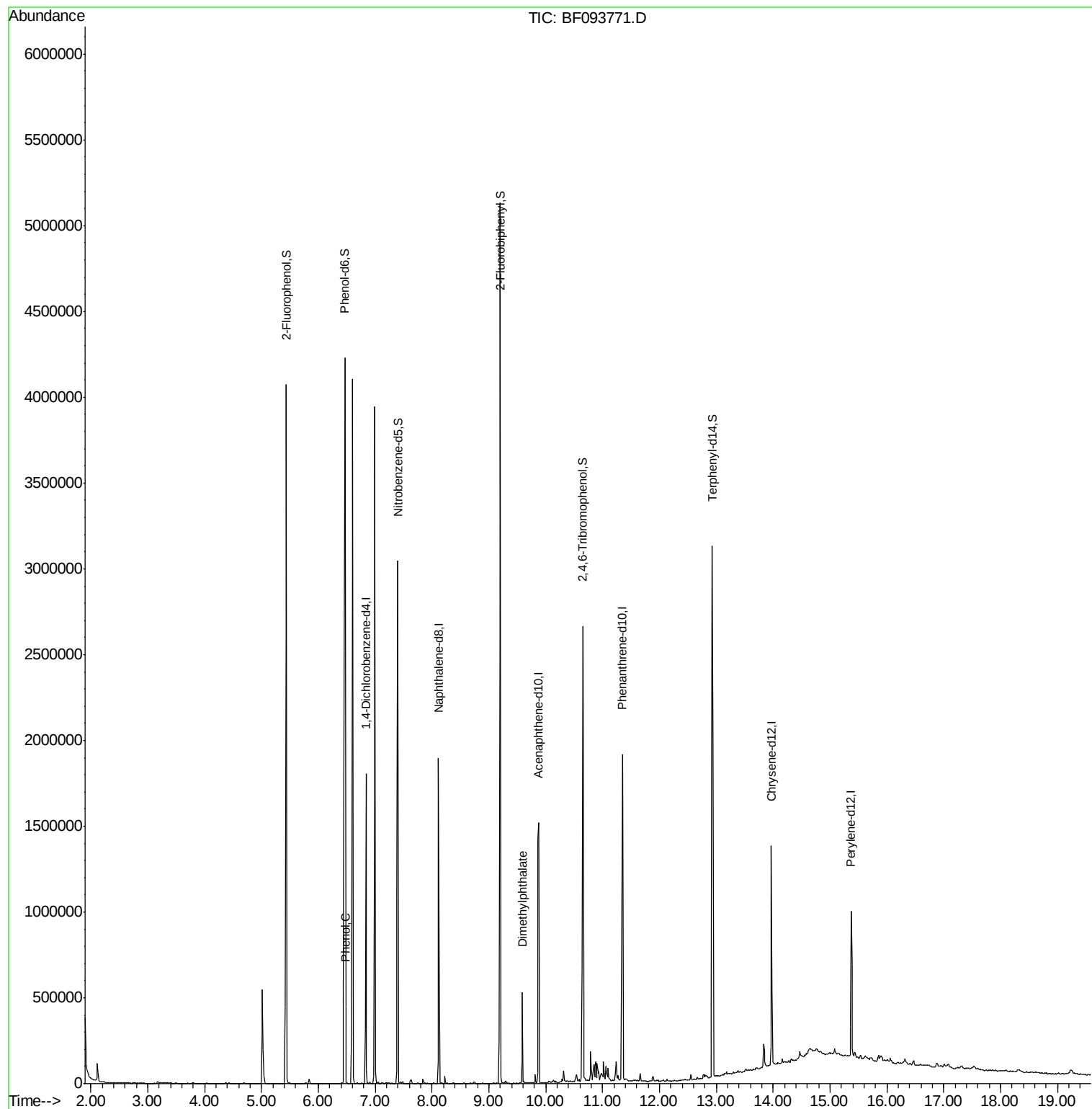
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	258170	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	958339	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	440544	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	744695	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	441460	20.00	ng	-0.03
86) Perylene-d12	15.37	264	390355	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1436908	97.33	ng	0.00
7) Phenol-d6	6.47	99	1797470	98.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1021633	60.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	281678	82.55	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1843499	70.37	ng	-0.01
78) Terphenyl-d14	12.93	244	1214277	56.08	ng	-0.02
Target Compounds						
10) Phenol	6.48	94	138060	6.73	ng	80
49) Dimethylphthalate	9.59	163	216506	6.91	ng	99

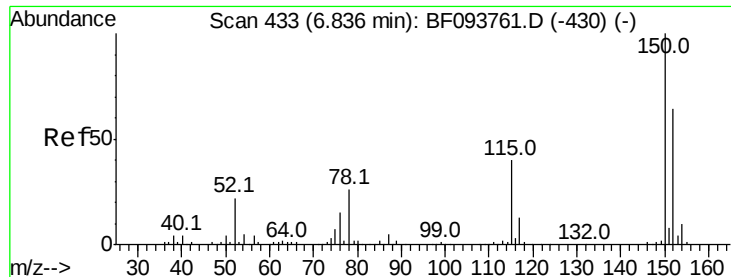
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

Instrument :

BNA_F

ClientSampleId :

BHP-2

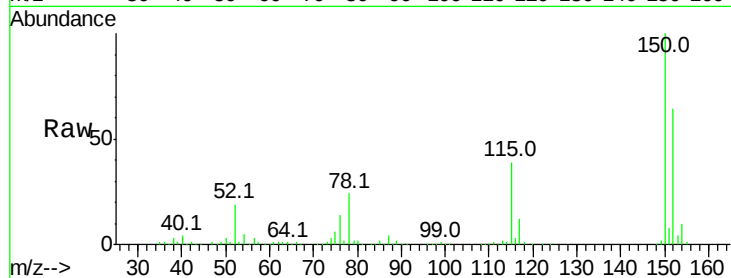
Tot Ion:152 Resp: 258170

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

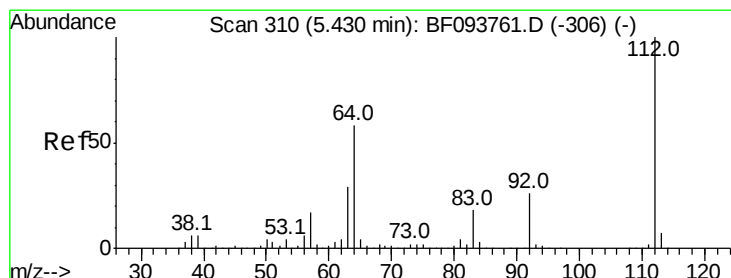
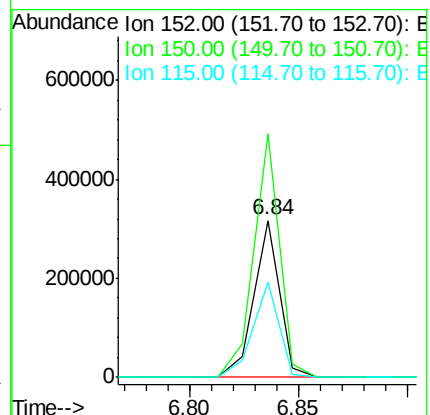
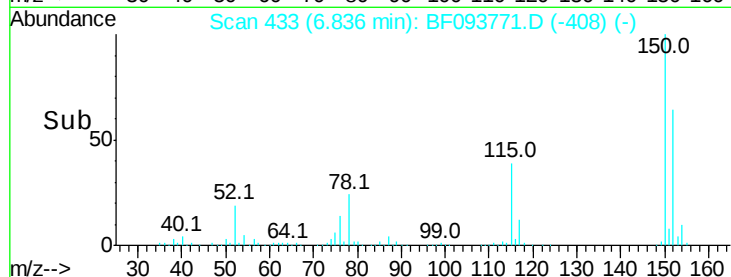
115 60.9 52.2 78.2



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: 97.33 ng

RT: 5.44 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

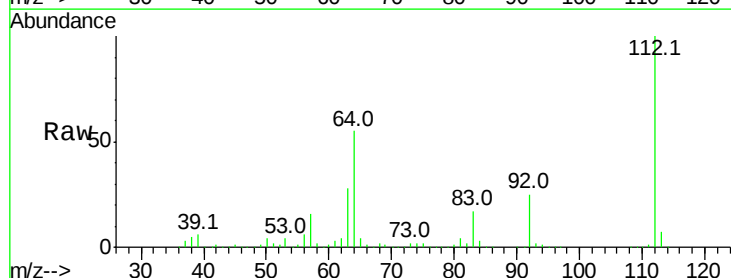
Tgt Ion:112 Resp: 1436908

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

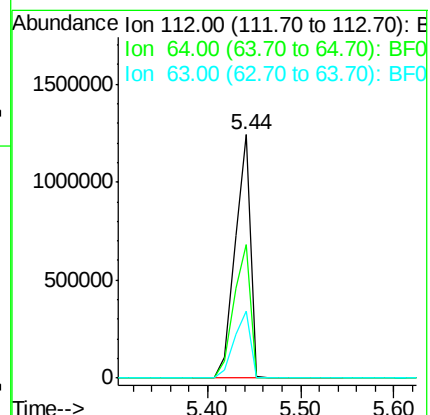
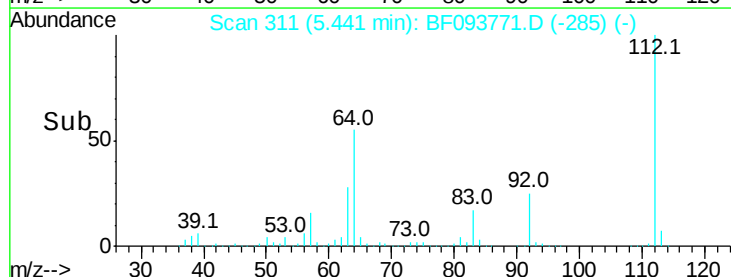
63 27.7 23.4 35.0

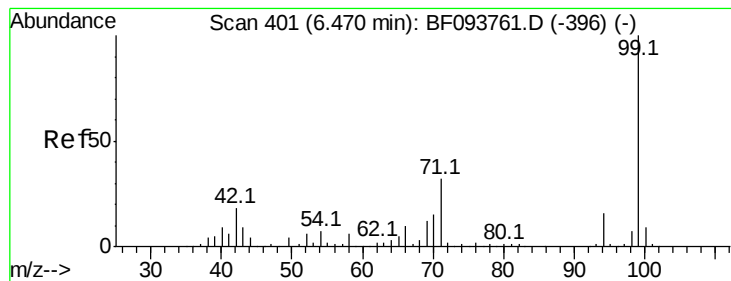


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.53 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

Instrument :

BNA_F

ClientSampleId :

BHP-2

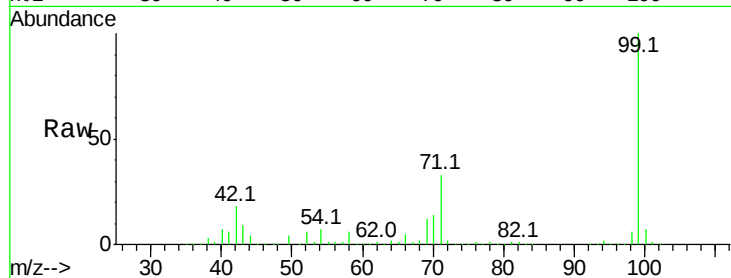
Tot Ion: 99 Resp: 1797470

Ion Ratio Lower Upper

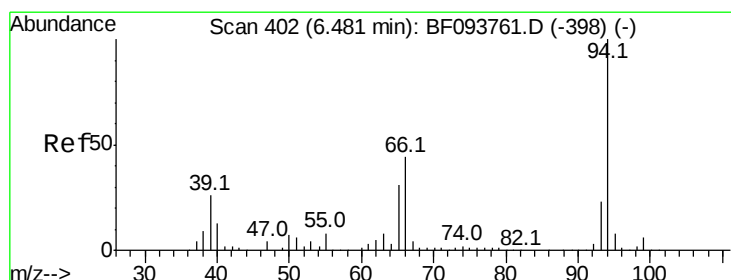
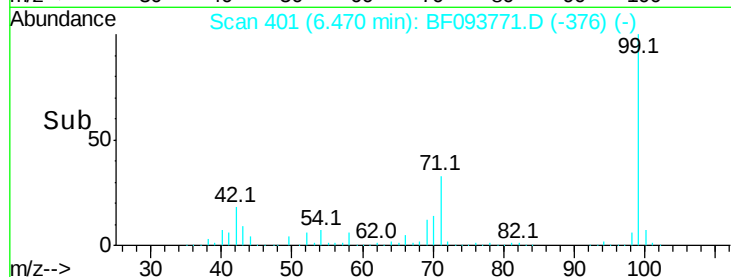
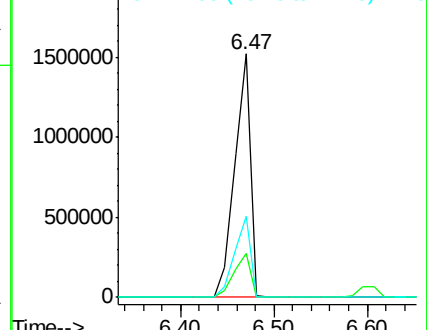
99 100

42 18.0 13.5 20.3

71 33.3 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: 6.73 ng

RT: 6.48 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

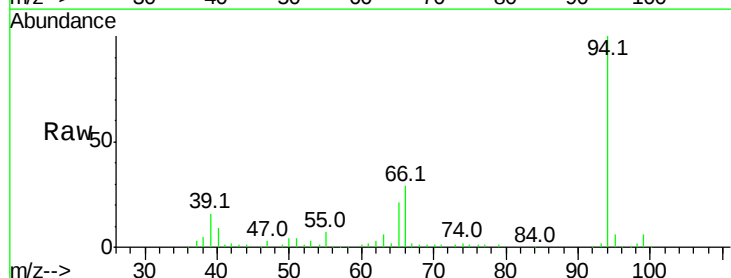
Tgt Ion: 94 Resp: 138060

Ion Ratio Lower Upper

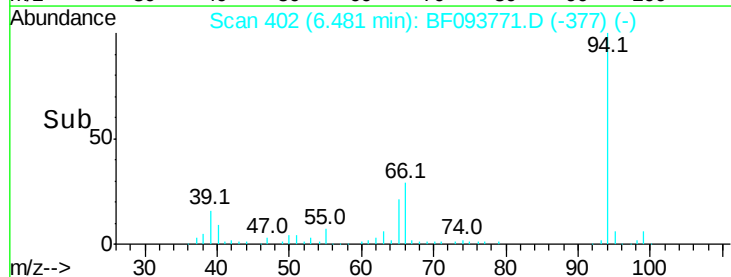
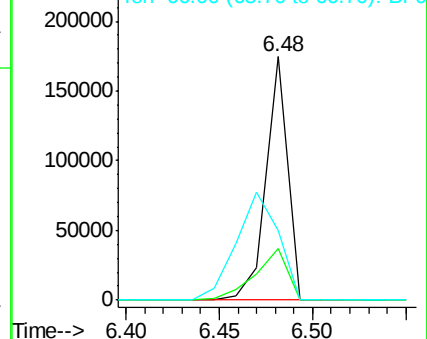
94 100

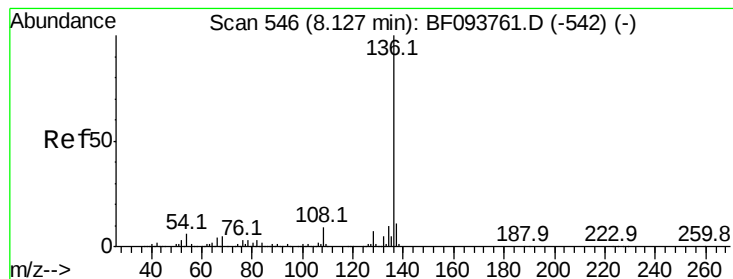
65 21.1 9.9 49.9

66 28.7 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: 8.12 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

Instrument :

BNA_F

ClientSampleId :

BHP-2

Tot Ion:136 Resp: 958339

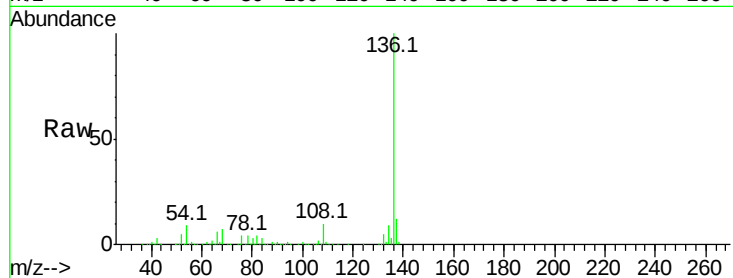
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 9.2 4.9 7.3#

68 7.4 4.1 6.1#

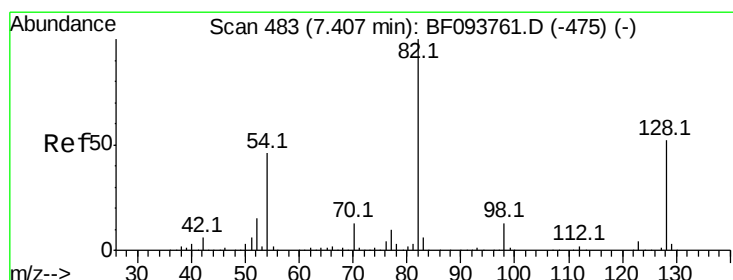
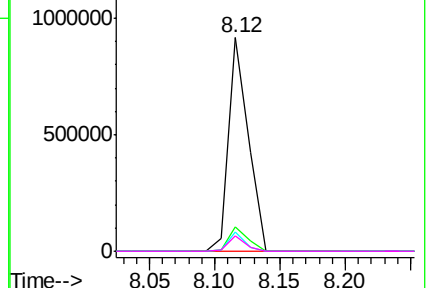
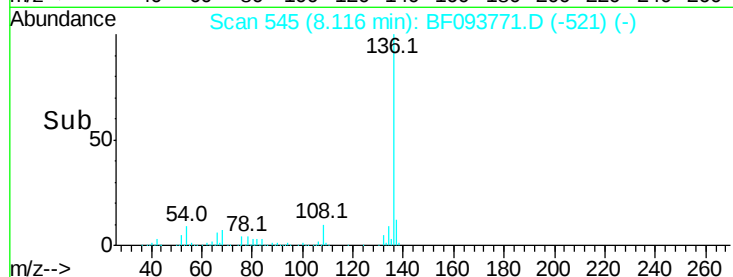


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.47 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

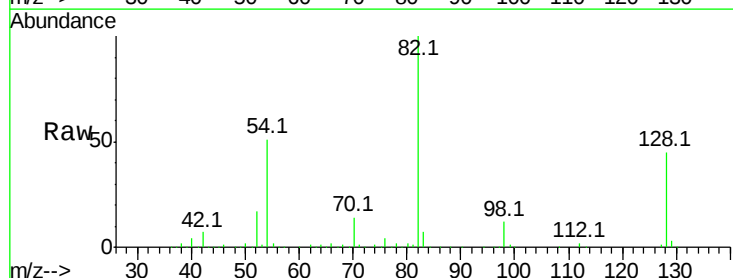
Tgt Ion: 82 Resp: 1021633

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

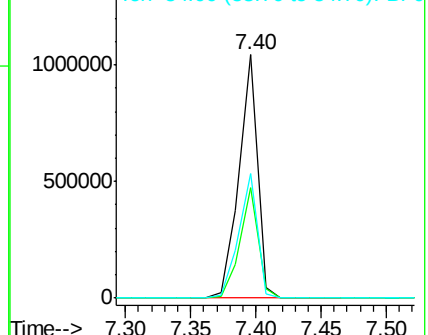
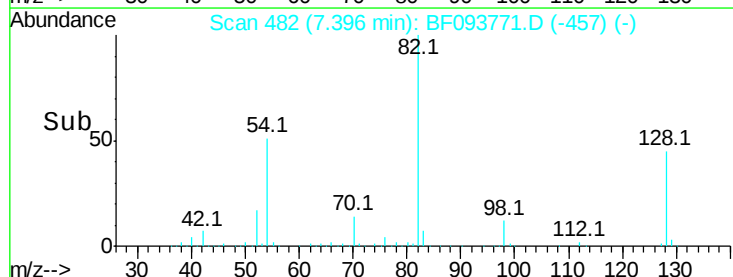
54 51.3 42.2 63.2

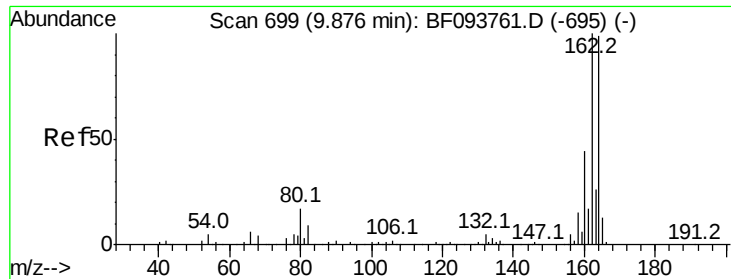


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

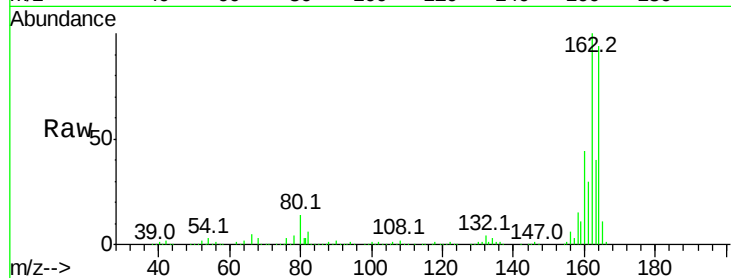




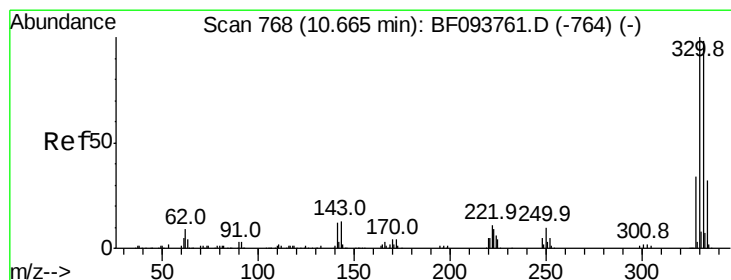
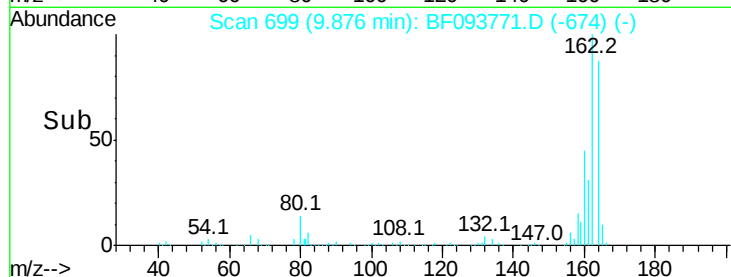
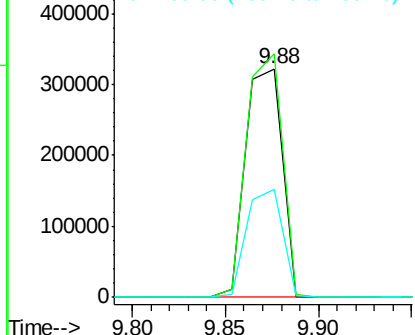
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093771.D
Acq: 20 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
BHP-2

Tot Ion:164 Resp: 440544
Ion Ratio Lower Upper
164 100
162 106.6 82.6 123.8
160 47.0 36.2 54.2

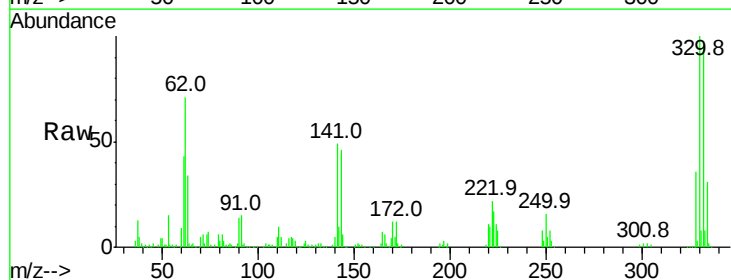


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

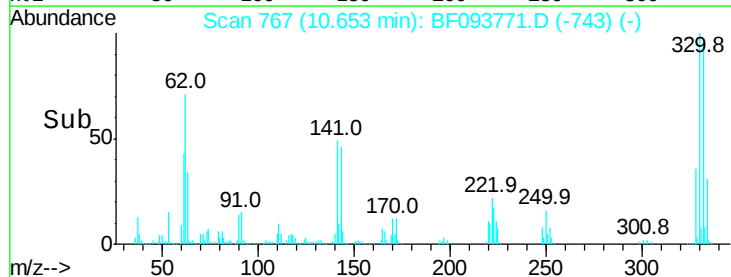
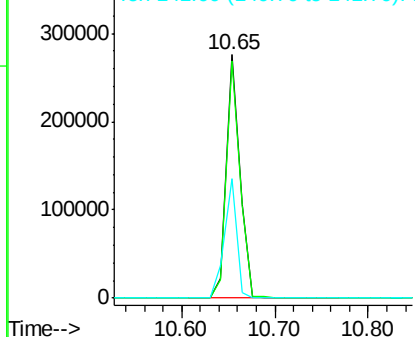


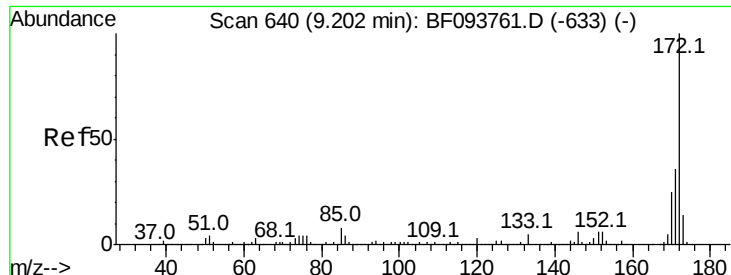
#41
2,4,6-Tribromophenol
Concen: 82.55 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF093771.D
Acq: 20 Mar 2017 18:30

Tgt Ion:330 Resp: 281678
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 44.1 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



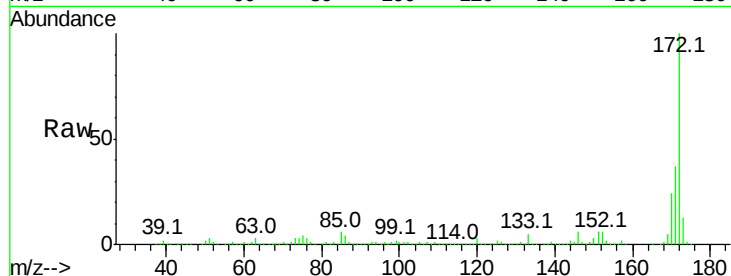


#44
 2-Fluorobiphenyl
 Concen: 70.37 ng
 RT: 9.20 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF093771.D
 Acq: 20 Mar 2017 18:30

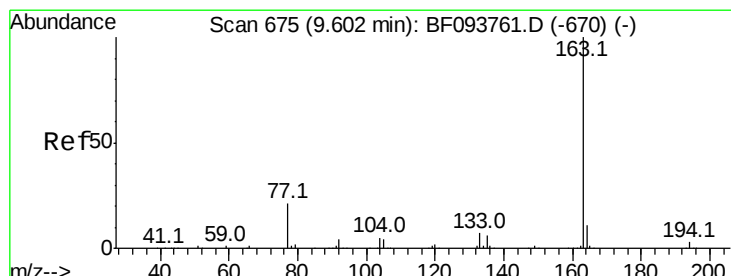
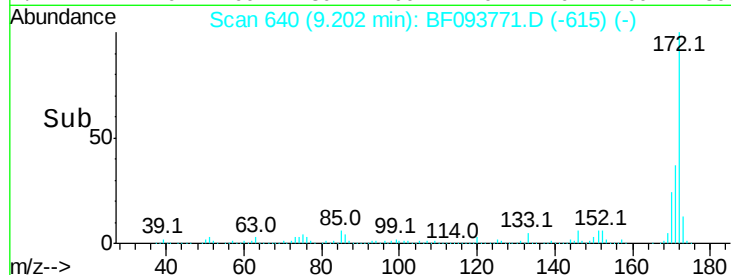
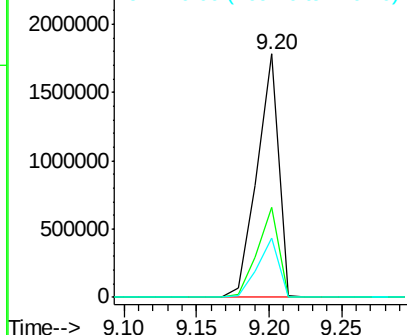
Instrument :
 BNA_F
 ClientSampleId :
 BHP-2

Tot Ion:172 Resp: 1843499

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.4	19.8	29.8



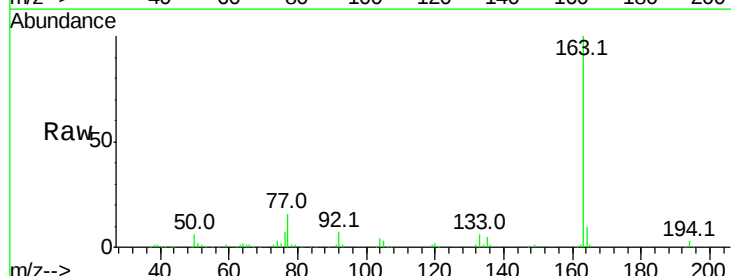
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



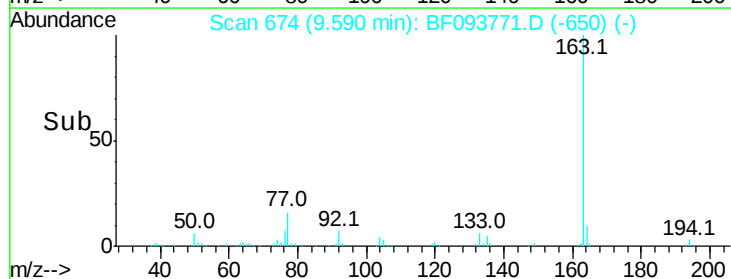
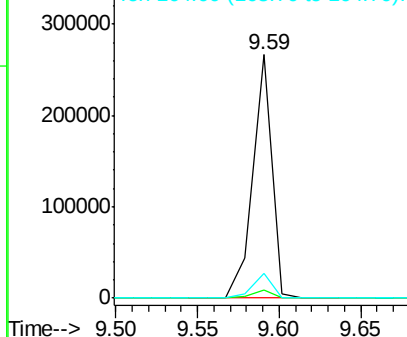
#49
 Dimethylphthalate
 Concen: 6.91 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF093771.D
 Acq: 20 Mar 2017 18:30

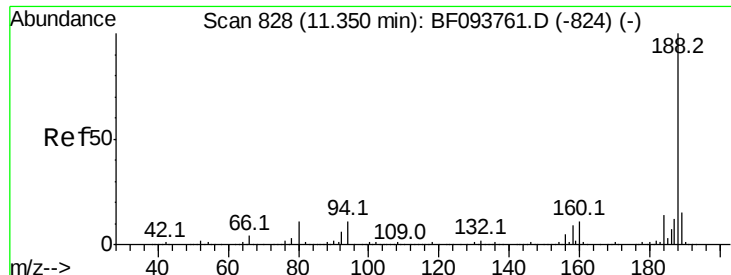
Tgt Ion:163 Resp: 216506

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.0	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

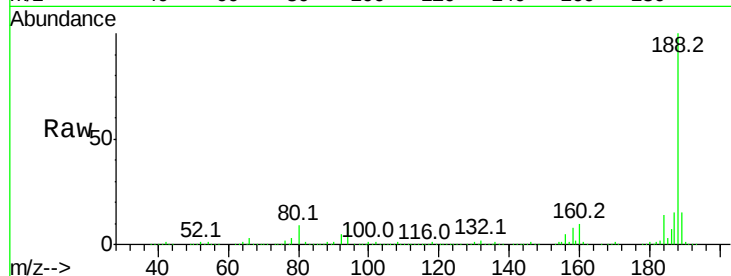




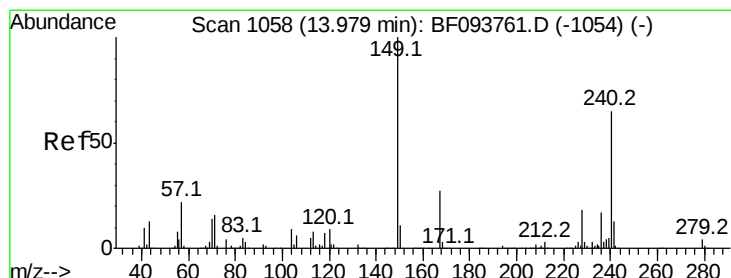
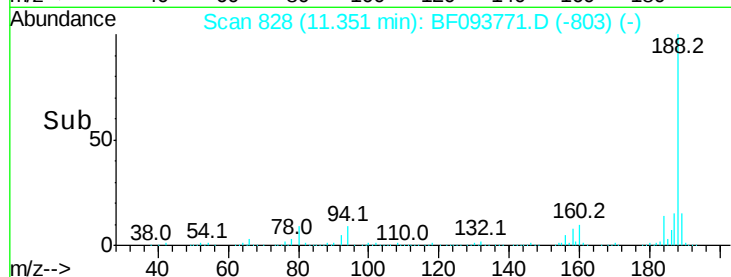
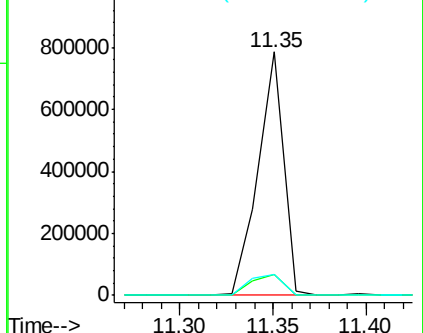
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF093771.D
Acq: 20 Mar 2017 18:30

Instrument :
BNA_F
ClientSampleId :
BHP-2

Tot Ion:188 Resp: 744695
Ion Ratio Lower Upper
188 100
94 8.7 9.4 14.2#
80 8.8 10.2 15.2#

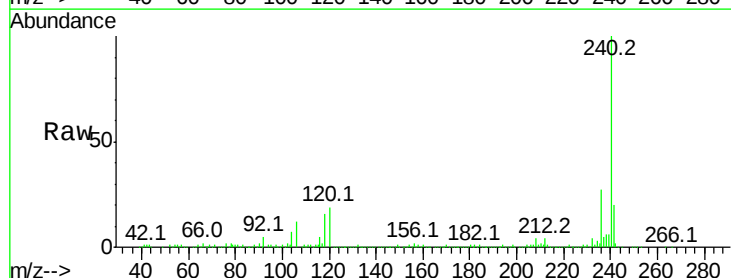


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

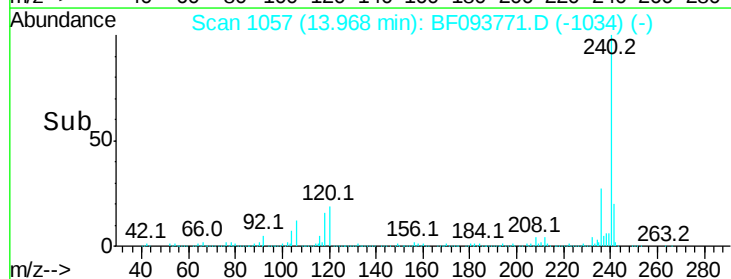
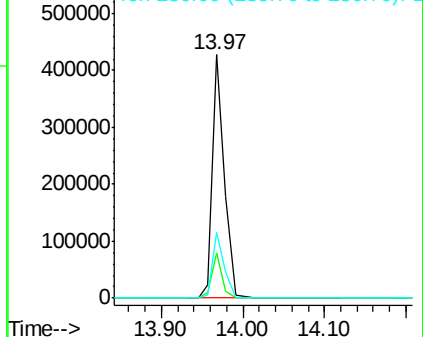


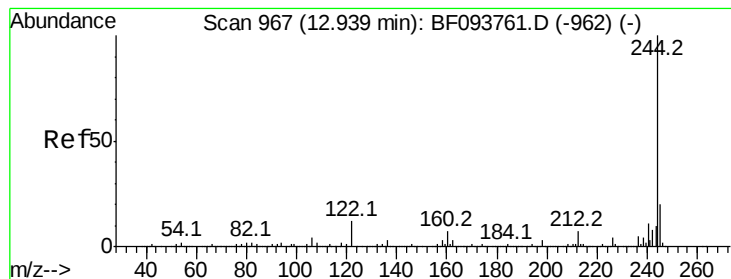
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF093771.D
Acq: 20 Mar 2017 18:30

Tgt Ion:240 Resp: 441460
Ion Ratio Lower Upper
240 100
120 18.6 5.8 8.8#
236 26.8 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: 56.08 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

Instrument :

BNA_F

ClientSampleId :

BHP-2

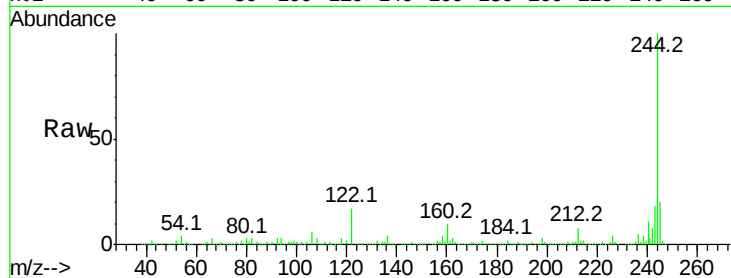
Tot Ion:244 Resp: 1214277

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

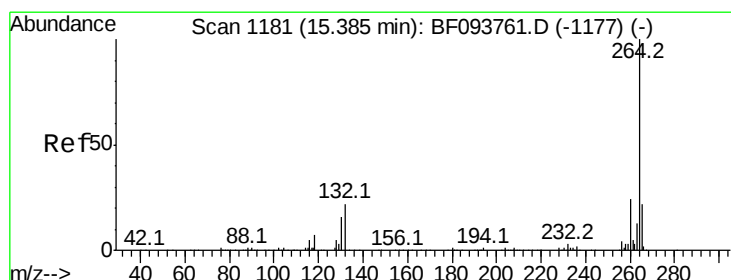
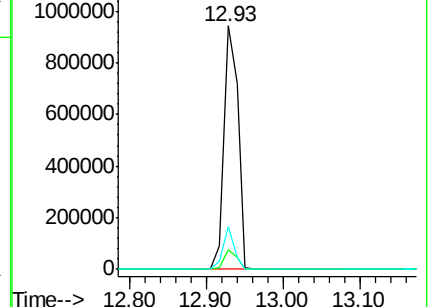
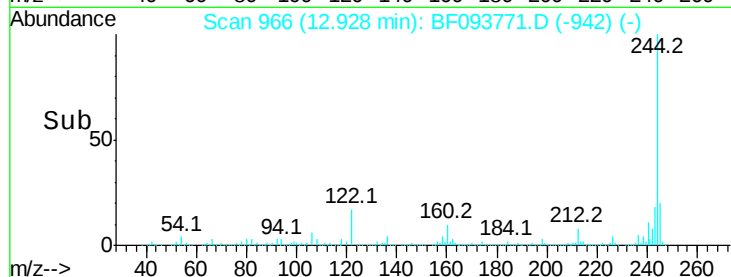
122 17.3 10.3 15.5#



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: 15.37 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BF093771.D

Acq: 20 Mar 2017 18:30

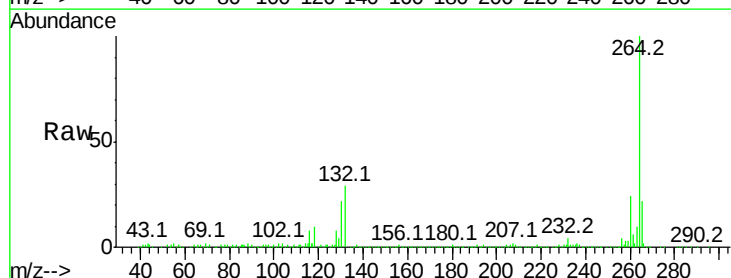
Tgt Ion:264 Resp: 390355

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.7 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

