

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
 Data File : BF093803.D
 Acq On : 21 Mar 2017 17:32
 Operator : SJ/MA
 Sample : I2314-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Quant Time: Mar 22 02:21:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 14:38:20 2017
 Response via : Initial Calibration

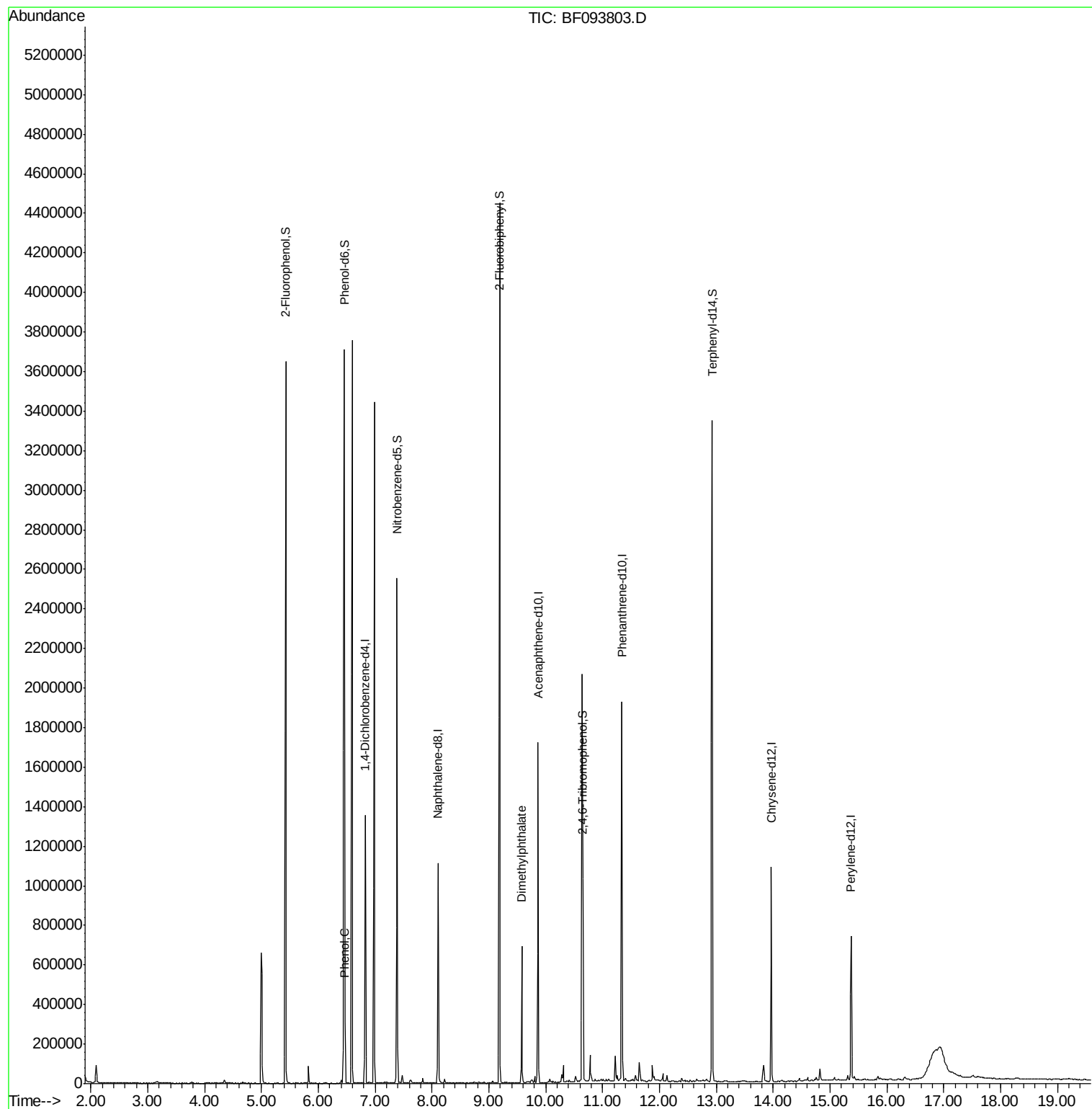
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	186368	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	753642	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	367932	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	634616	20.00	ng	0.00
75) Chrysene-d12	13.97	240	425516	20.00	ng	0.00
86) Perylene-d12	15.37	264	319591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1129403	105.97	ng	0.01
7) Phenol-d6	6.46	99	1390395	105.58	ng	0.00
23) Nitrobenzene-d5	7.38	82	836808	62.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	292130	102.51	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1528153	69.84	ng	0.00
78) Terphenyl-d14	12.93	244	1132263	54.25	ng	0.00
Target Compounds						
10) Phenol	6.47	94	70927	4.79	ng	84
49) Dimethylphthalate	9.58	163	260490	9.95	ng	100

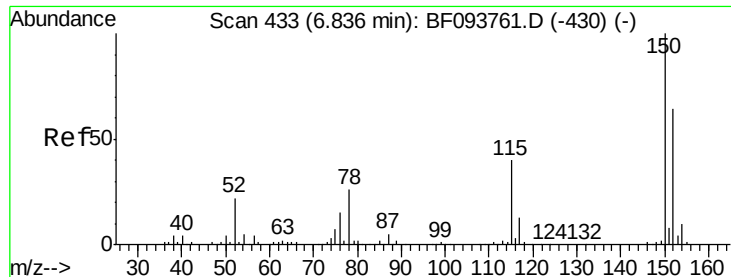
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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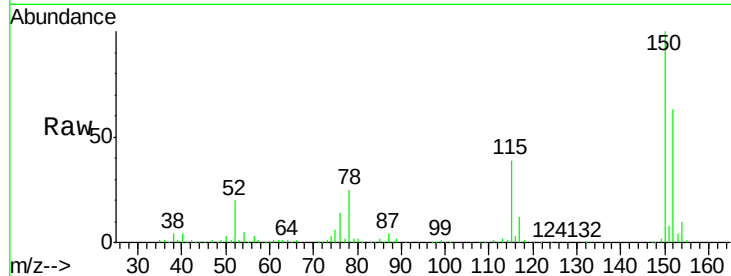


#1

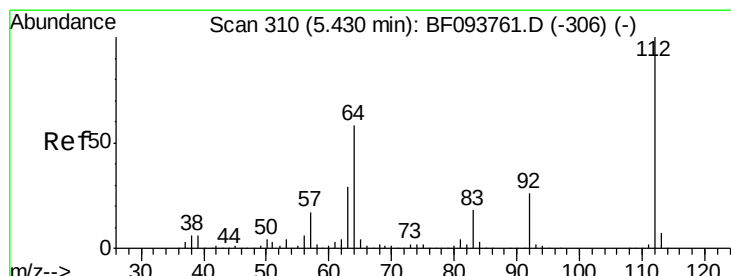
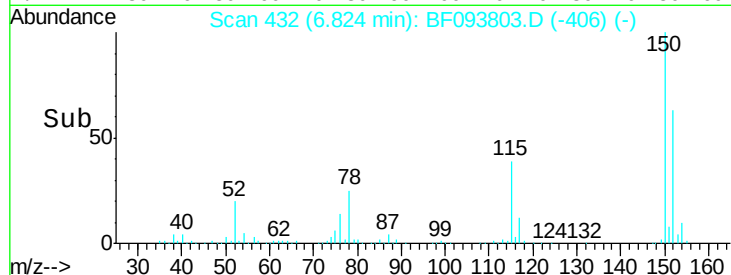
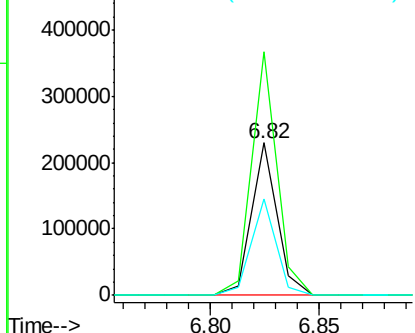
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Tgt Ion:152 Resp: 186368
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 63.0 52.2 78.2



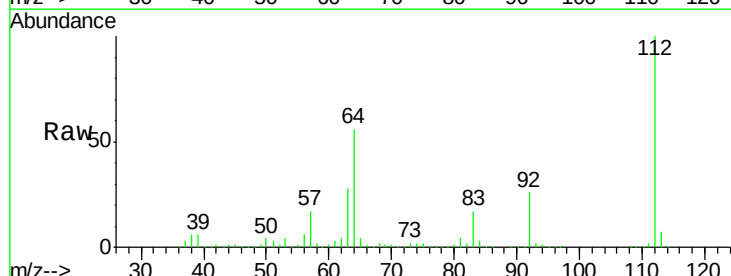
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



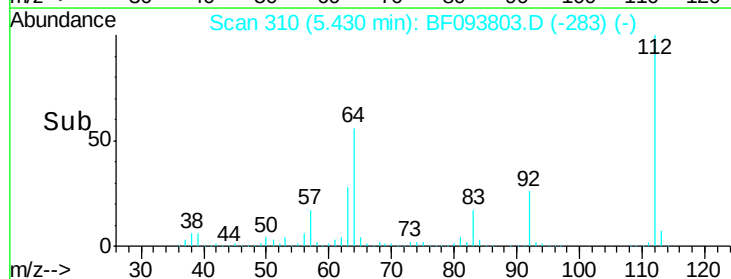
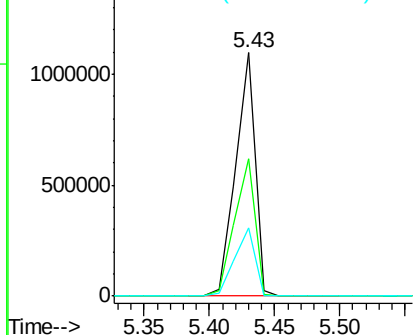
#5

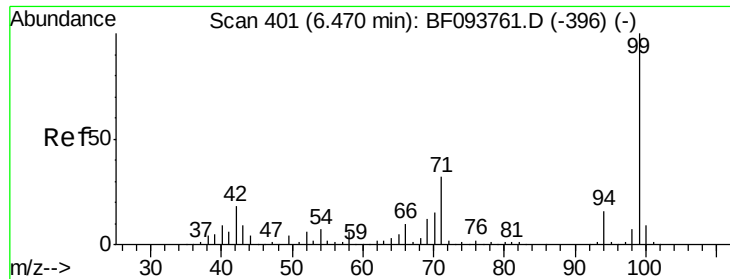
2-Fluorophenol
 Concen: 105.97 ng
 RT: 5.43 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

Tgt Ion:112 Resp: 1129403
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.0 69.0
 63 28.3 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: 105.58 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

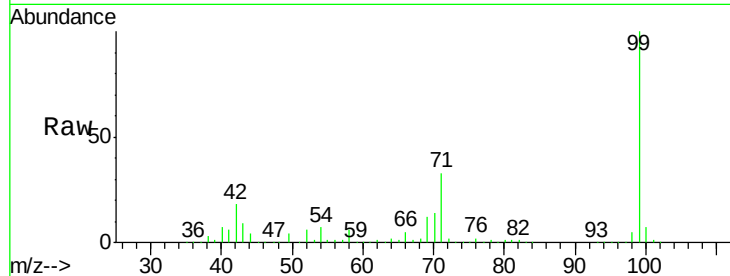
Tgt Ion: 99 Resp: 1390395

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

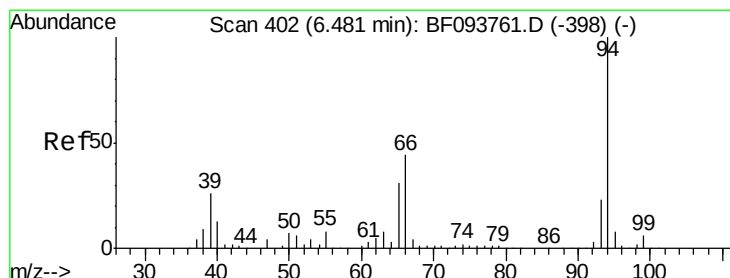
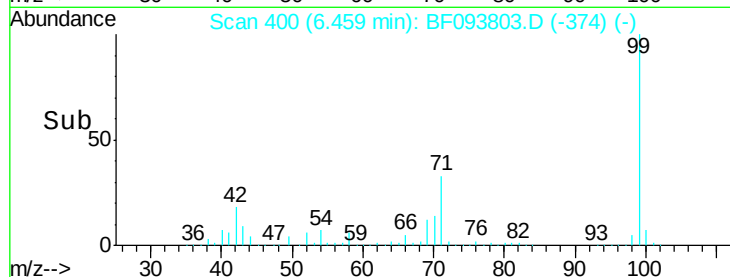
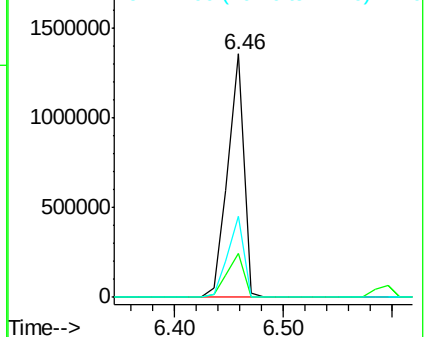
71 33.2 24.5 36.7



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: 4.79 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

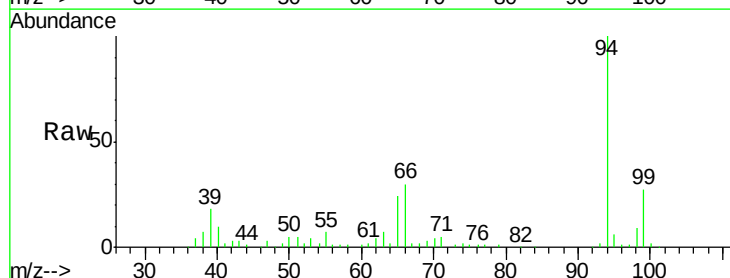
Tgt Ion: 94 Resp: 70927

Ion Ratio Lower Upper

94 100

65 24.2 9.9 49.9

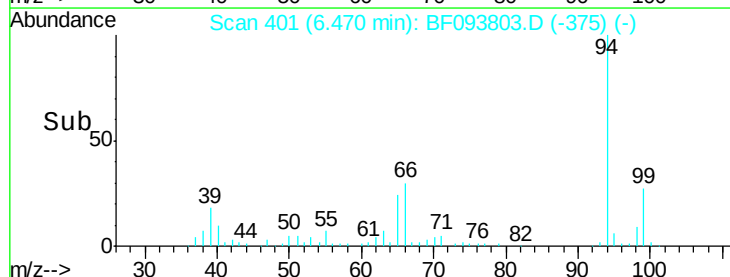
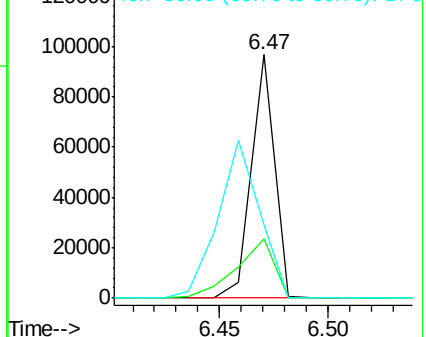
66 30.3 23.1 63.1

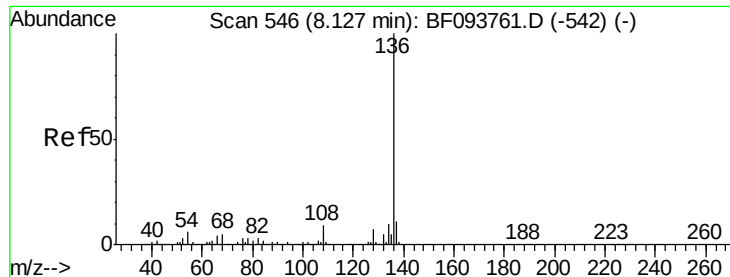


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

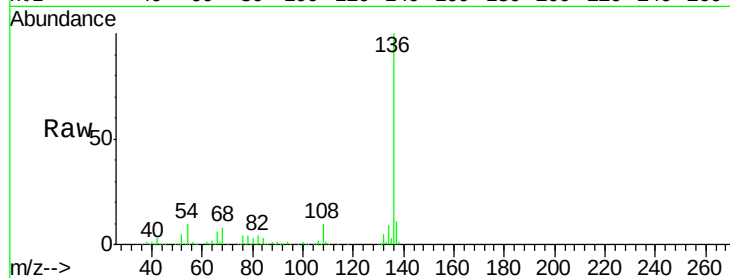




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

Tgt Ion:	136	Resp:	753642
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.9	4.9	7.3#
68	8.1	4.1	6.1#



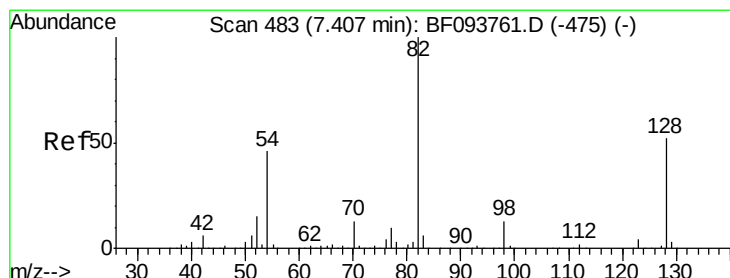
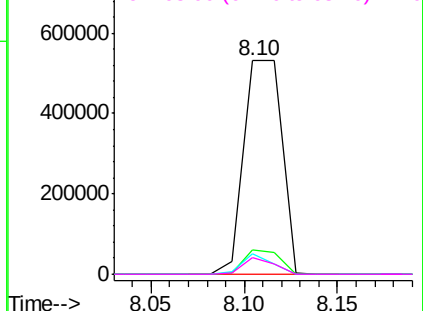
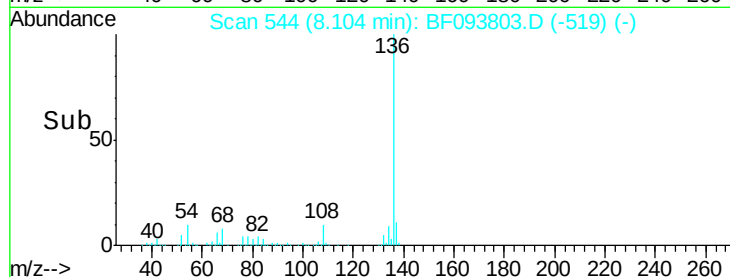
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

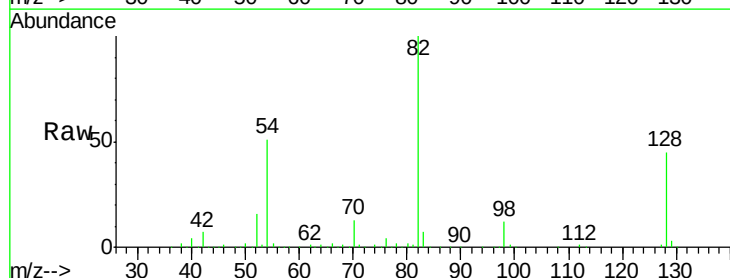
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 62.99 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion:	82	Resp:	836808
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	51.1	42.2	63.2

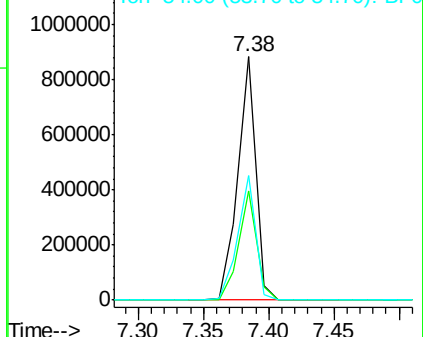
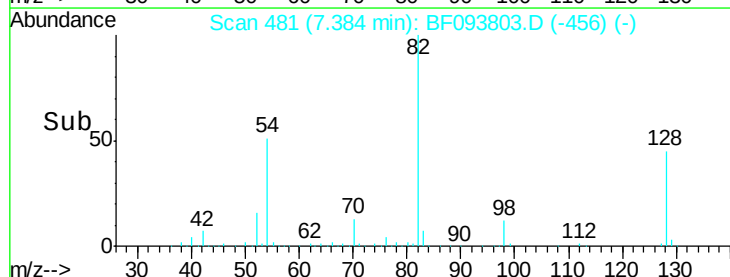


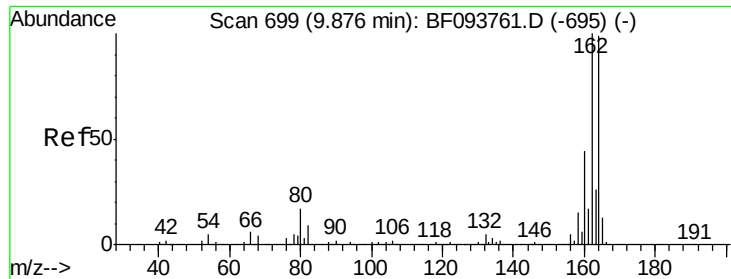
Abundance

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: 9.86 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

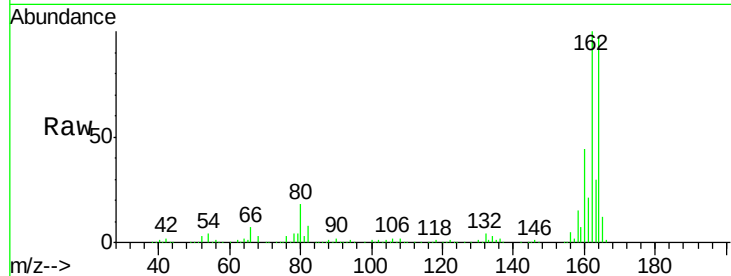
Tgt Ion:164 Resp: 367932

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

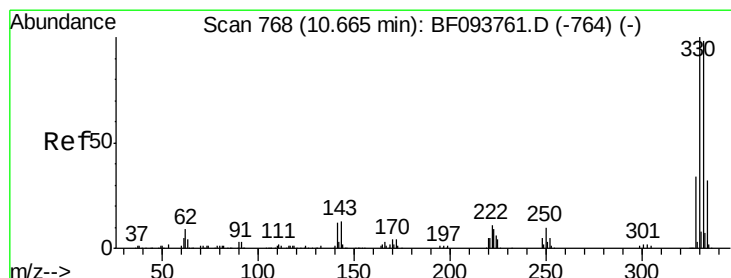
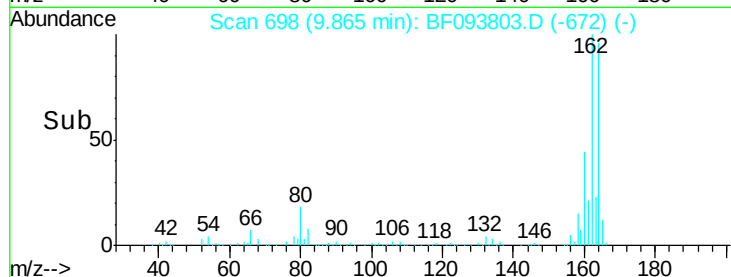
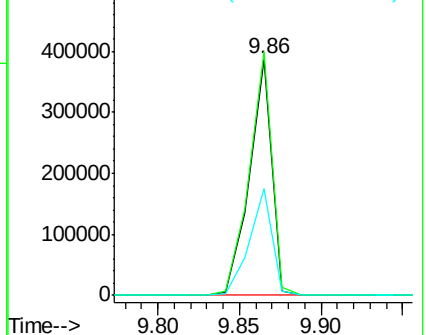
160 45.0 36.2 54.2



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: 102.51 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

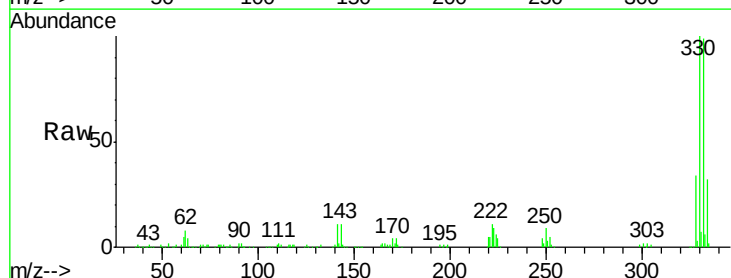
Tgt Ion:330 Resp: 292130

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

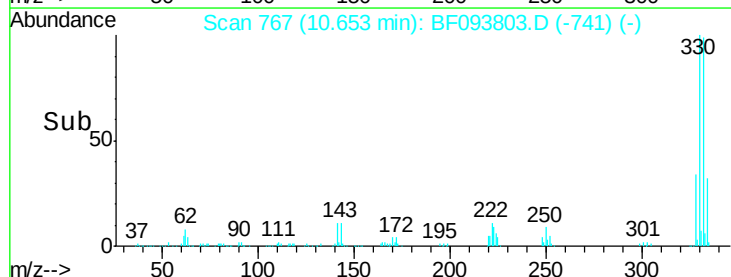
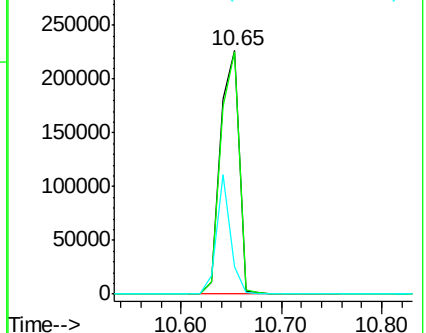
141 36.8 31.4 47.2

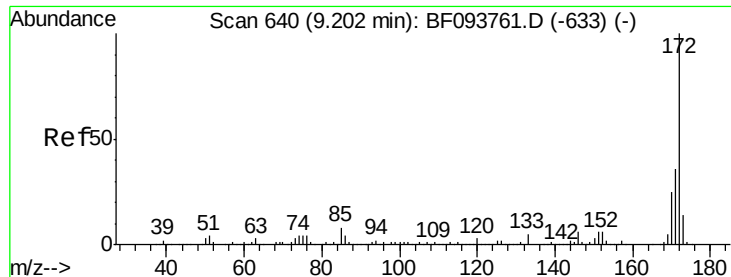


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

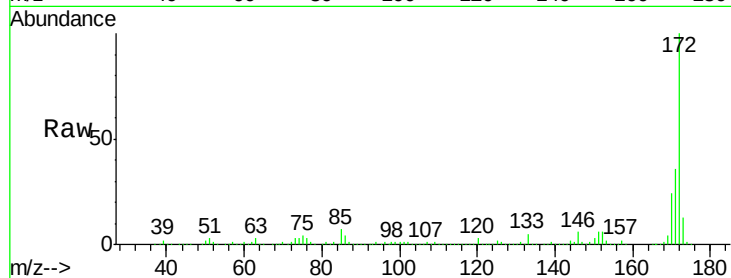




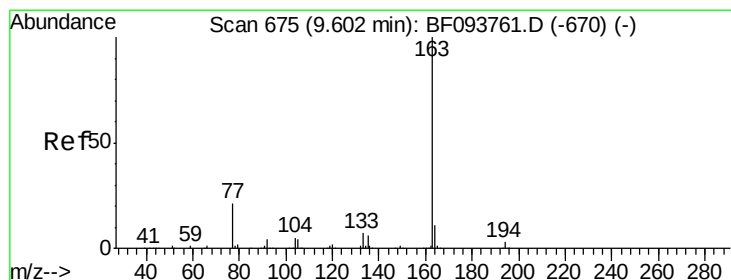
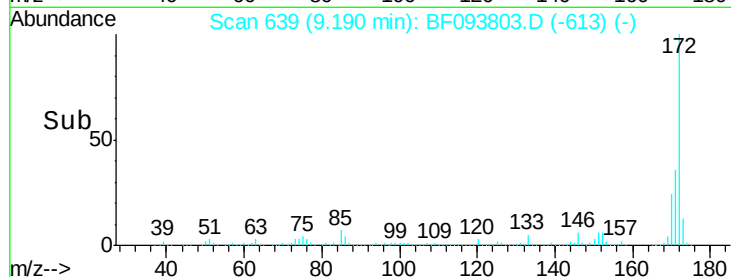
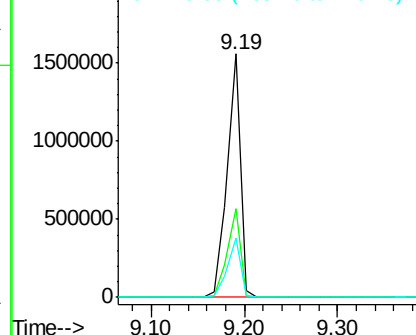
#44
 2-Fluorobiphenyl
 Concen: 69.84 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :
 FIELD DUPLICATE

Tgt Ion: 172 Resp: 1528153
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 19.8 29.8

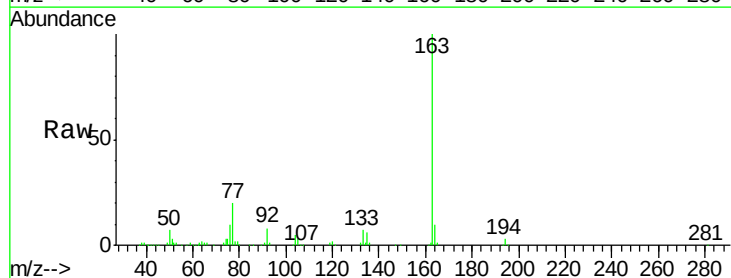


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

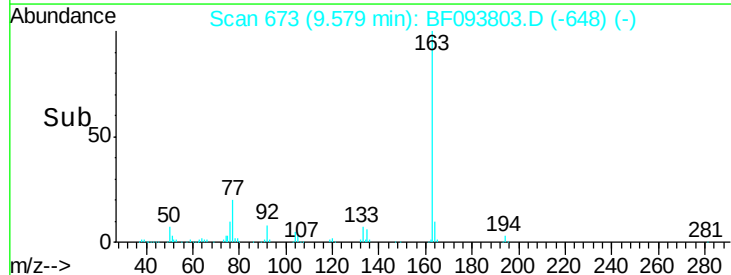
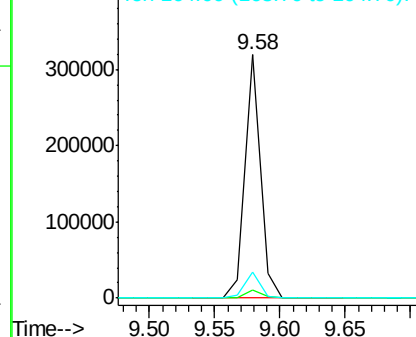


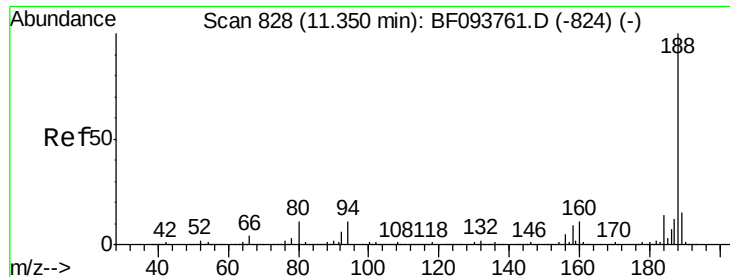
#49
 Dimethylphthalate
 Concen: 9.95 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF093803.D
 Acq: 21 Mar 2017 17:32

Tgt Ion: 163 Resp: 260490
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.4 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

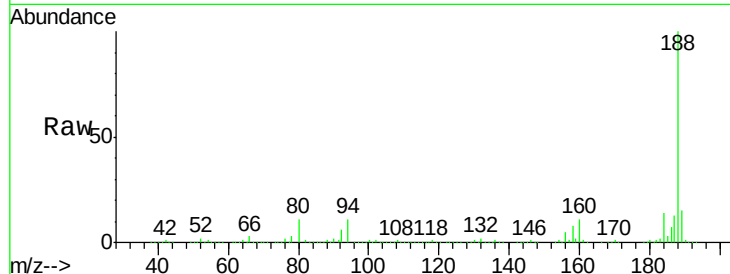




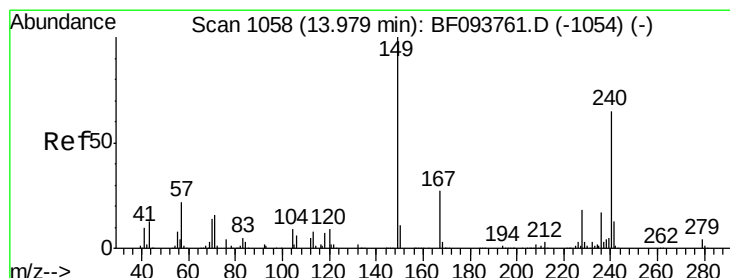
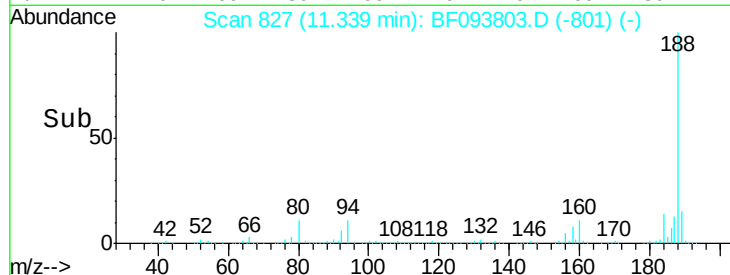
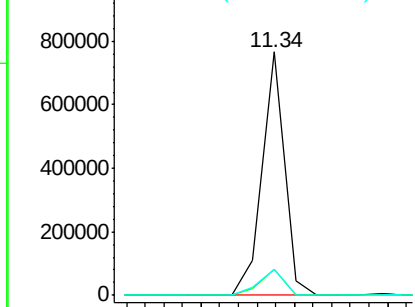
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Instrument :
BNA_F
ClientSampleId :
FIELD DUPLICATE

Tgt Ion:188 Resp: 634616
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.0 10.2 15.2

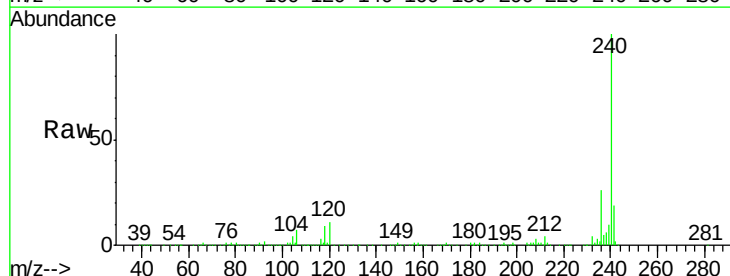


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

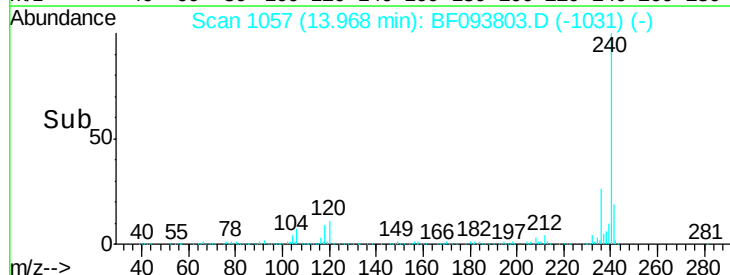
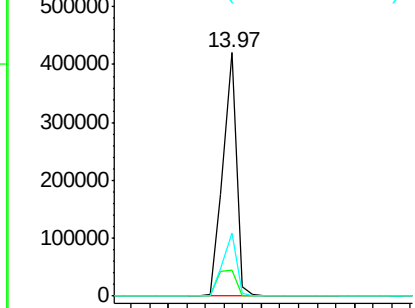


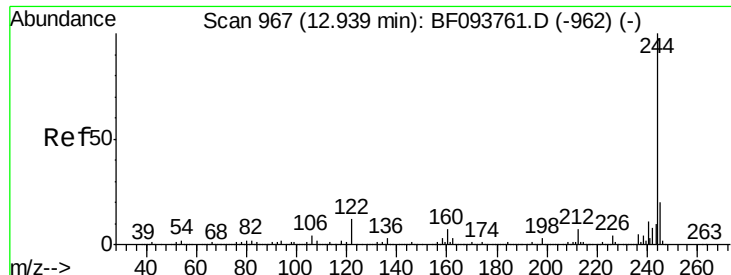
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093803.D
Acq: 21 Mar 2017 17:32

Tgt Ion:240 Resp: 425516
Ion Ratio Lower Upper
240 100
120 10.7 5.8 8.8#
236 25.7 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: 54.25 ng

RT: 12.93 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

Instrument :

BNA_F

ClientSampleId :

FIELD DUPLICATE

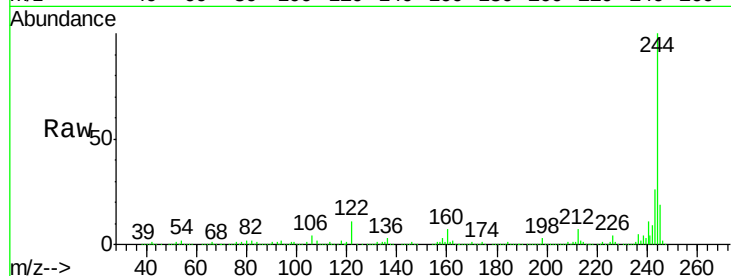
Tgt Ion: 244 Resp: 1132263

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 11.4 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

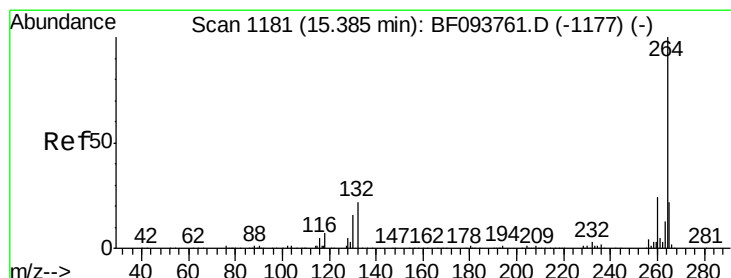
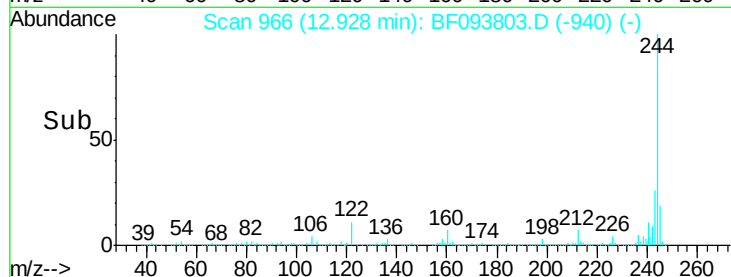
12.93

1000000

500000

0

Time--> 12.80 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF093803.D

Acq: 21 Mar 2017 17:32

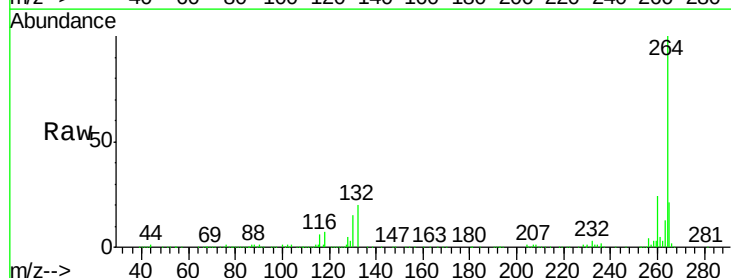
Tgt Ion: 264 Resp: 319591

Ion Ratio Lower Upper

264 100

260 24.0 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

15.37

300000

200000

100000

0

Time--> 15.30 15.40 15.50

