

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032017\
 Data File : BF093772.D
 Acq On : 20 Mar 2017 18:57
 Operator : SJ/MA
 Sample : I2304-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPA-B6(0-5)

Quant Time: Mar 21 01:28:41 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

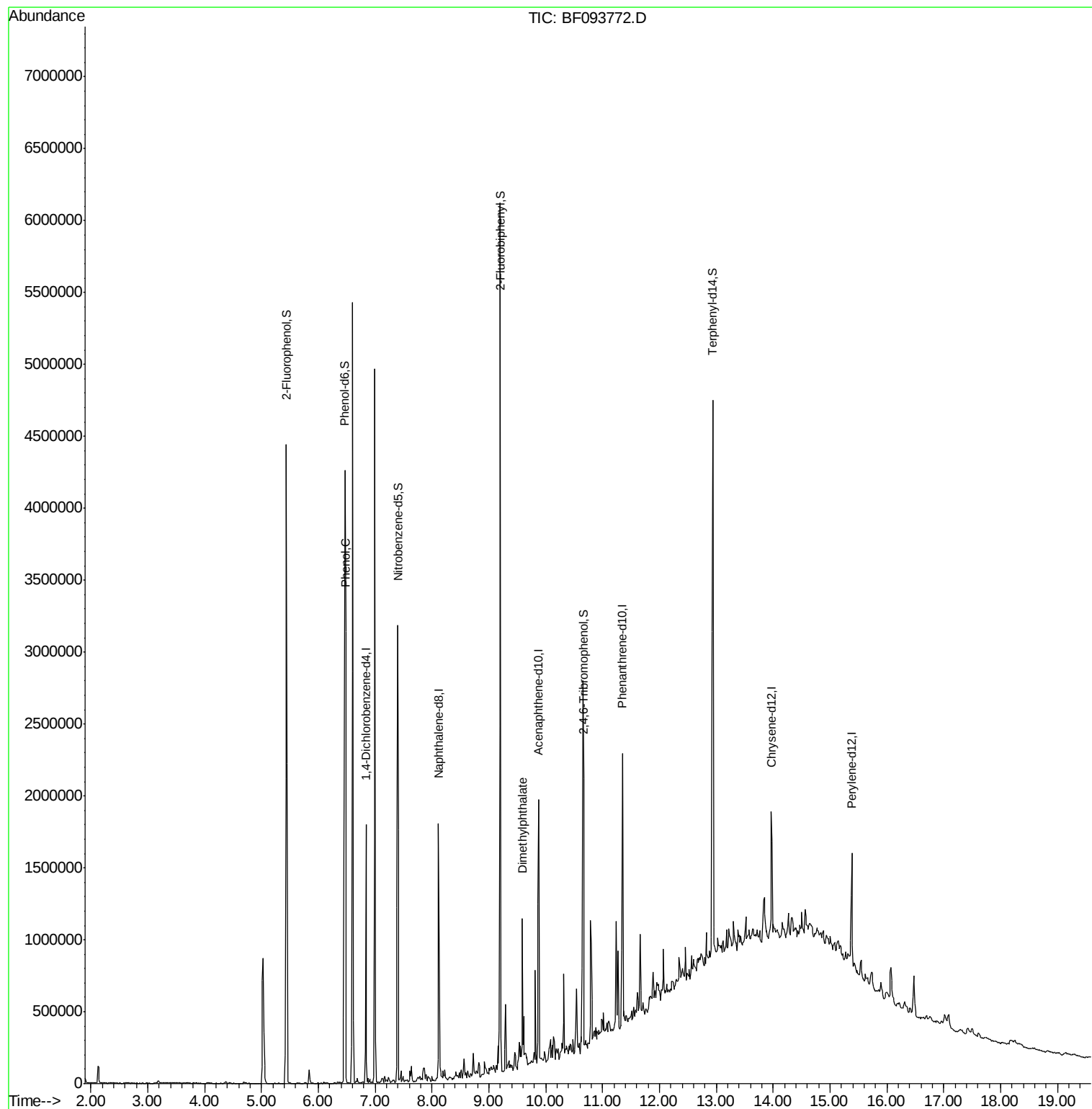
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	250093	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	925728	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	437564	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	705663	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	418058	20.00	ng	-0.03
86) Perylene-d12	15.38	264	379517	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1892526	132.33	ng	0.00
7) Phenol-d6	6.47	99	2467076	139.61	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1438201	88.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	464957	137.19	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2039312	78.37	ng	-0.01
78) Terphenyl-d14	12.94	244	1492722	72.80	ng	-0.01
Target Compounds						
10) Phenol	6.48	94	107726	5.42	ng	Qvalue # 65
49) Dimethylphthalate	9.59	163	356838	11.46	ng	99

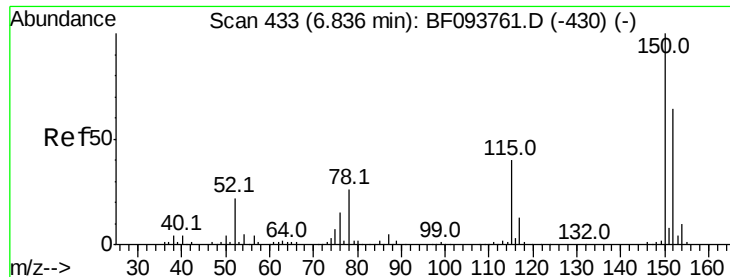
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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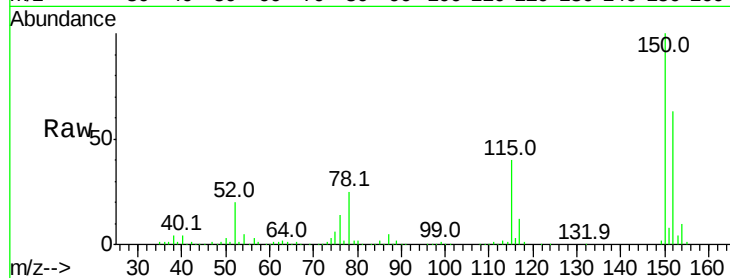


#1

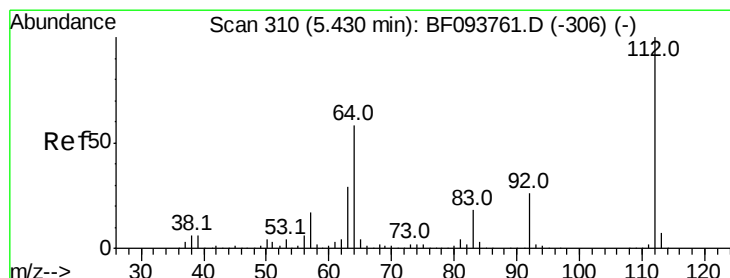
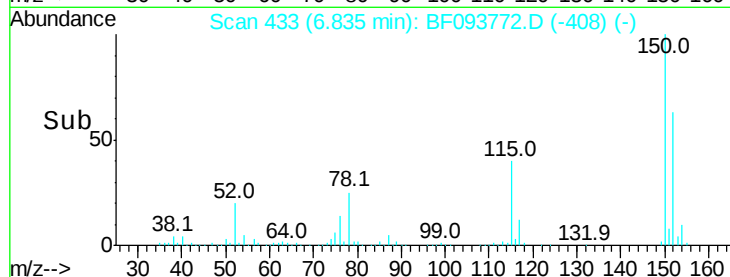
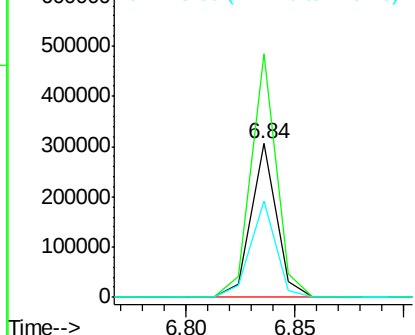
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF093772.D
Acq: 20 Mar 2017 18:57

Instrument :
BNA_F
ClientSampleId :
SPA-B6(0-5)

Tot Ion:152 Resp: 250093
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 62.7 52.2 78.2



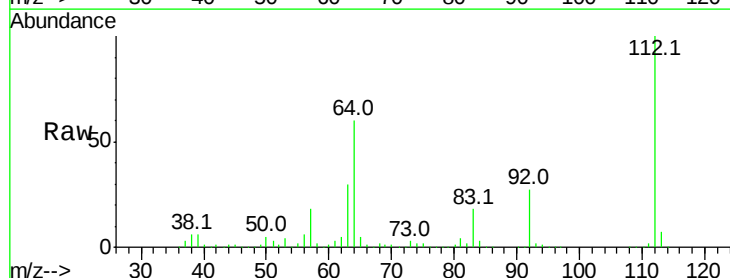
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



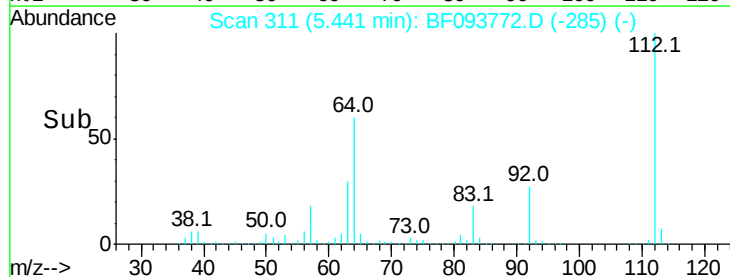
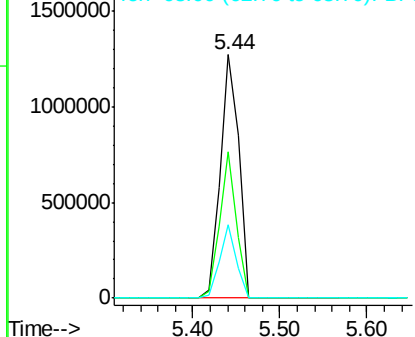
#5

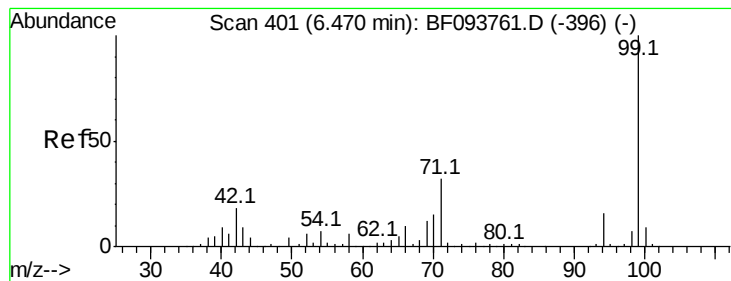
2-Fluorophenol
Concen: 132.33 ng
RT: 5.44 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF093772.D
Acq: 20 Mar 2017 18:57

Tgt Ion:112 Resp: 1892526
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.3 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: 139.61 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

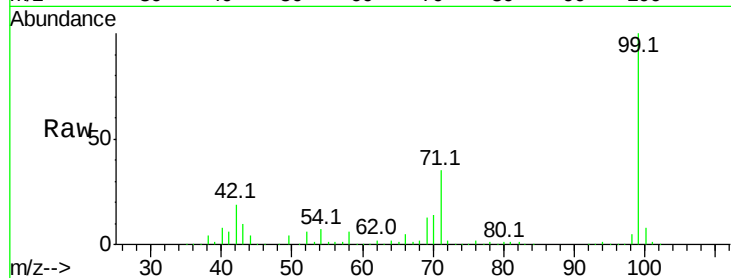
BNA_F

ClientSampleId :

SPA-B6(0-5)

Tot Ion: 99 Resp: 2467076

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.5	20.3
71	34.6	24.5	36.7

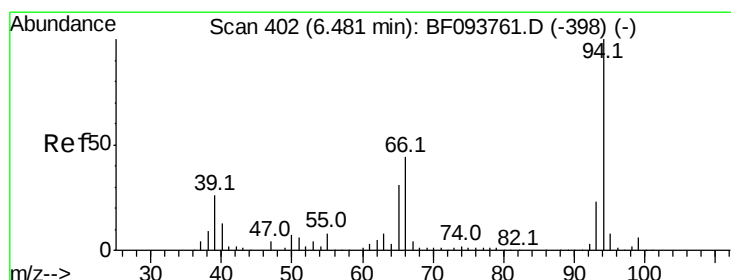
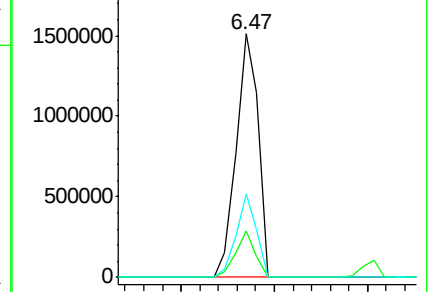
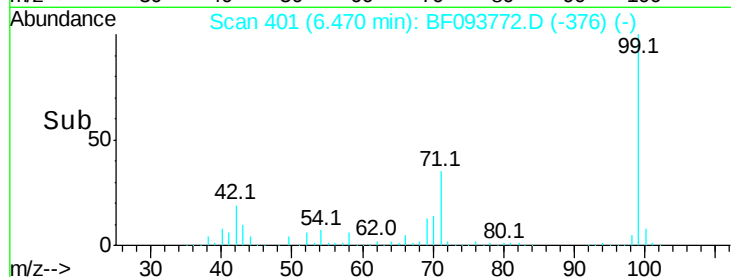


Abundance

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: 5.42 ng

RT: 6.48 min Scan# 402

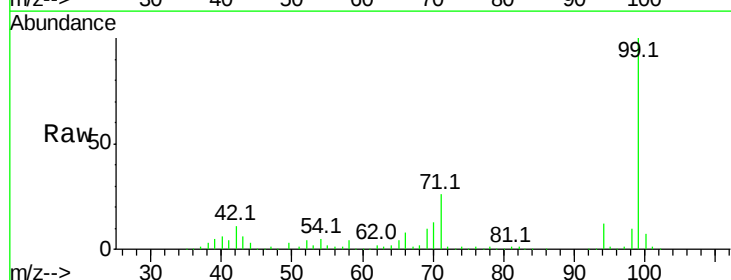
Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

Tgt Ion: 94 Resp: 107726

Ion	Ratio	Lower	Upper
94	100		
65	38.8	9.9	49.9
66	73.7	23.1	63.1

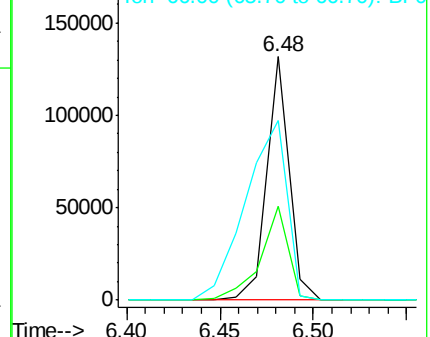
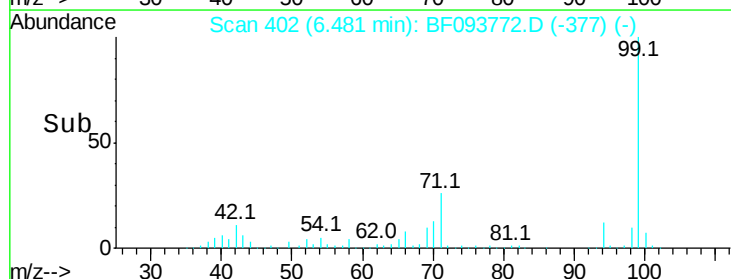


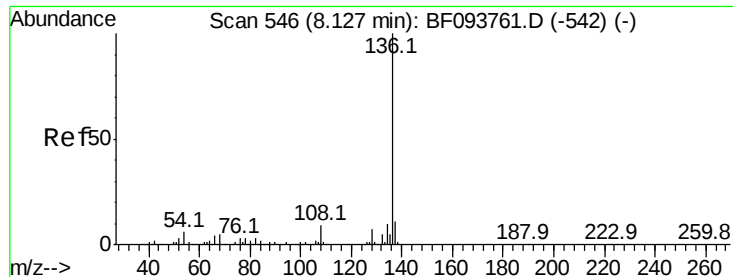
Abundance

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: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)

Tot Ion:136 Resp: 925728

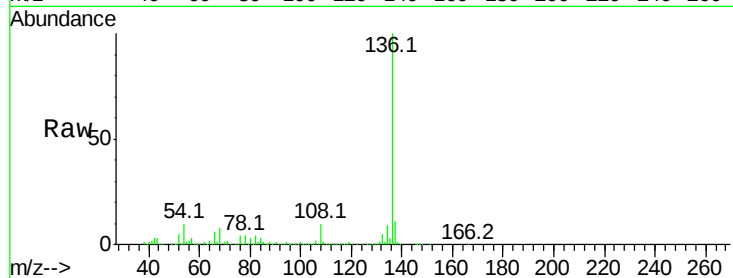
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.0 4.9 7.3#

68 7.8 4.1 6.1#

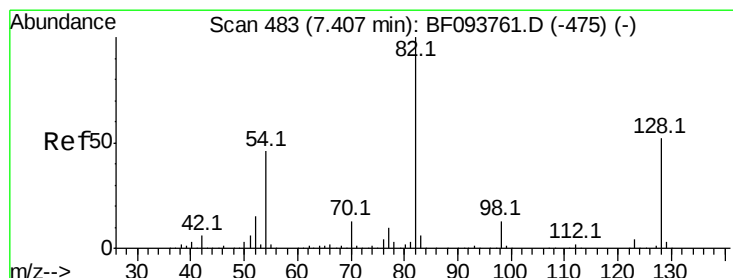
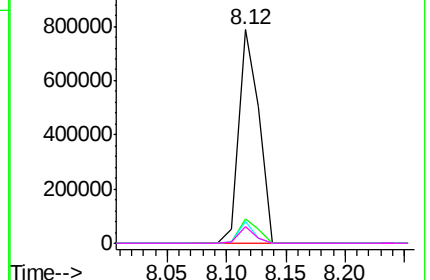
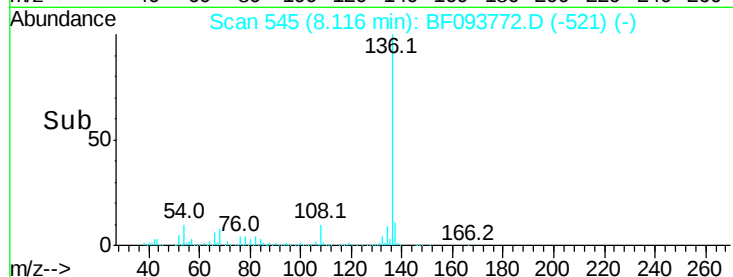


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.13 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

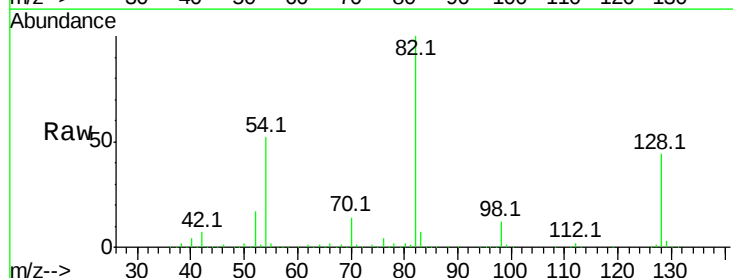
Tgt Ion: 82 Resp: 1438201

Ion Ratio Lower Upper

82 100

128 44.1 34.0 51.0

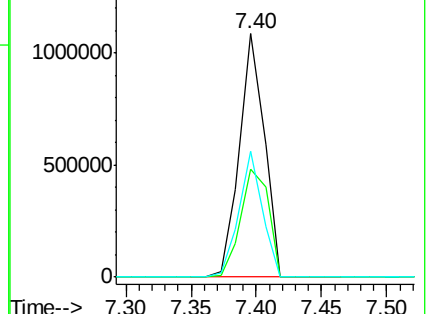
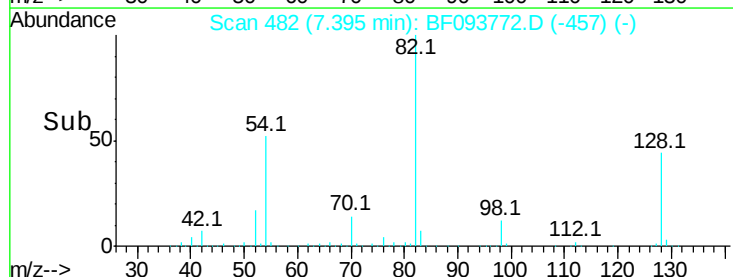
54 51.8 42.2 63.2

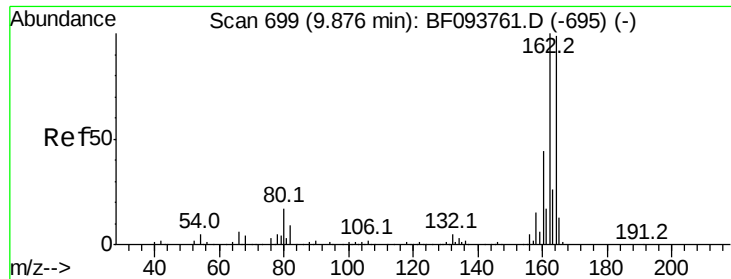


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)

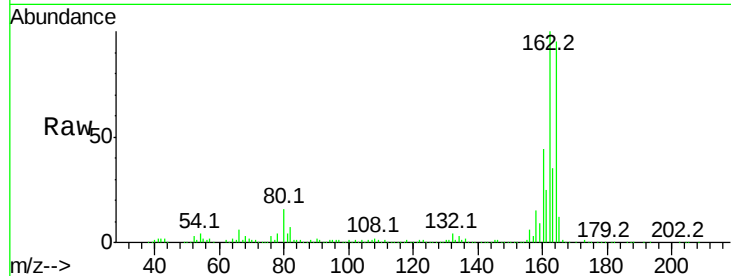
Tot Ion:164 Resp: 437564

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

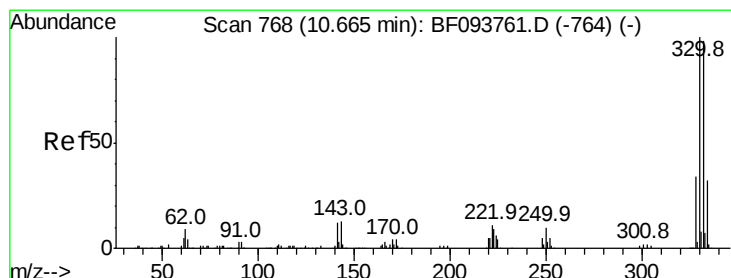
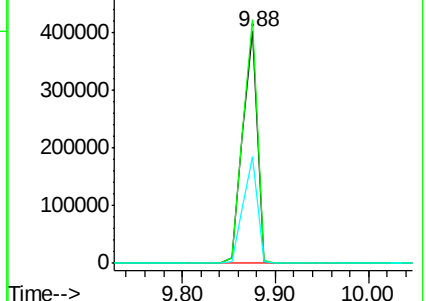
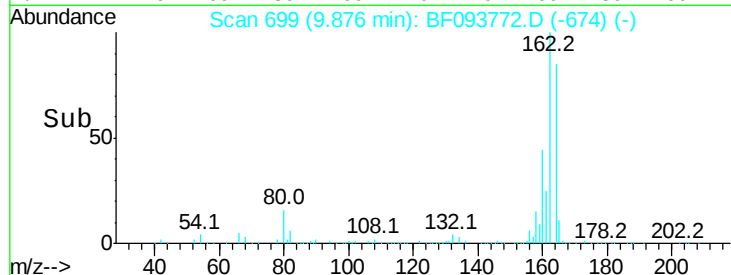
160 45.9 36.2 54.2



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: 137.19 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

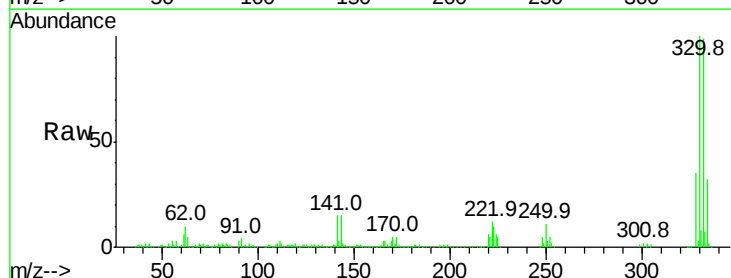
Tgt Ion:330 Resp: 464957

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

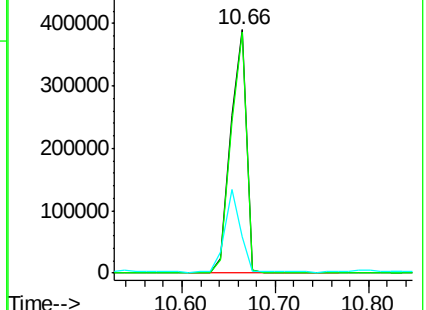
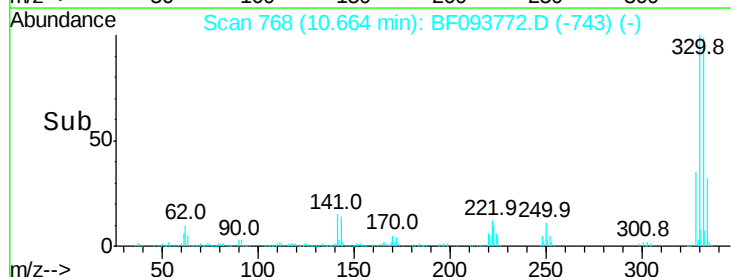
141 34.0 31.4 47.2

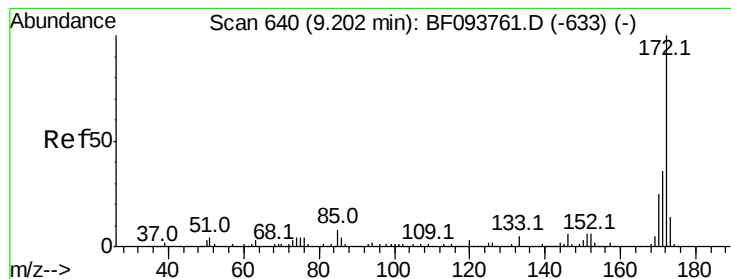


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.37 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

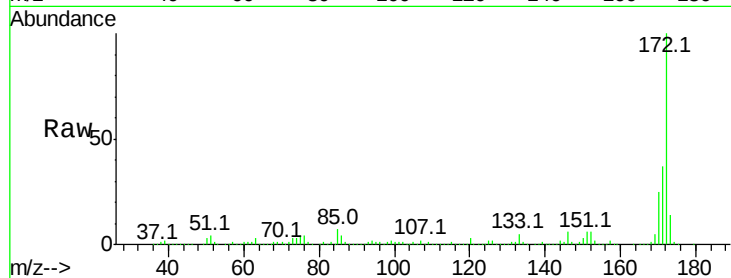
BNA_F

ClientSampleId :

SPA-B6(0-5)

Tot Ion:172 Resp: 2039312

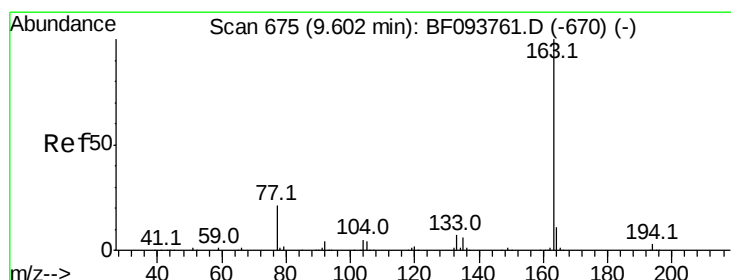
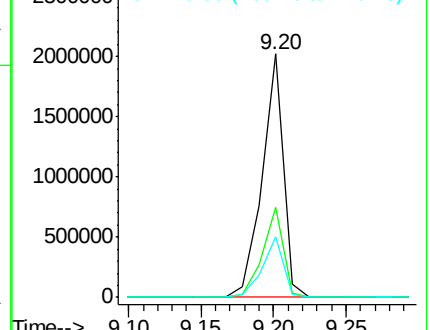
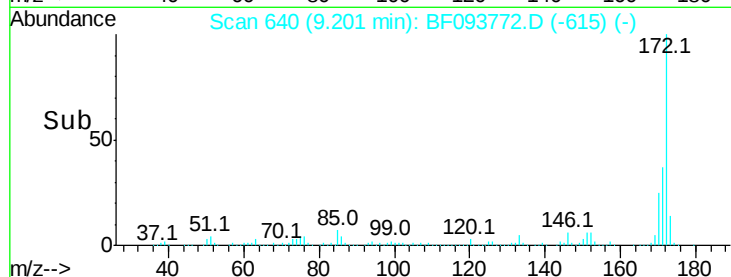
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.0	19.8	29.8



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: 11.46 ng

RT: 9.59 min Scan# 674

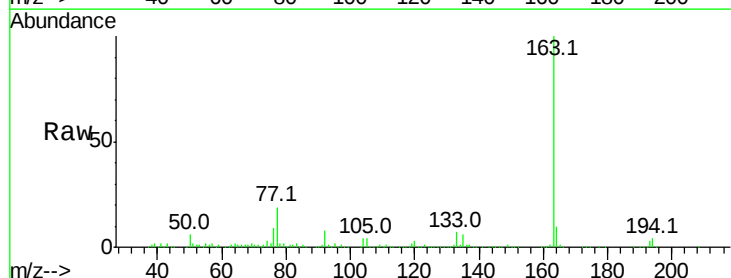
Delta R.T. -0.02 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

Tgt Ion:163 Resp: 356838

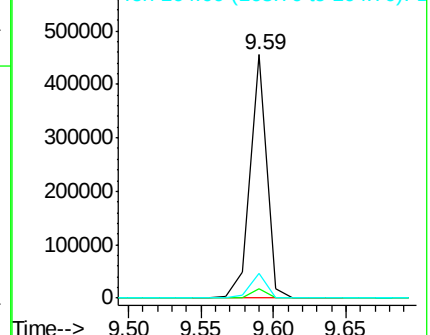
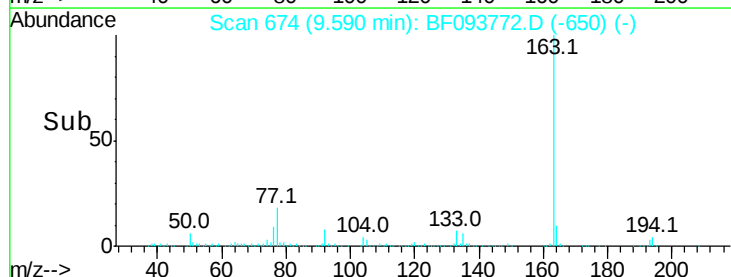
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.3	8.4	12.6

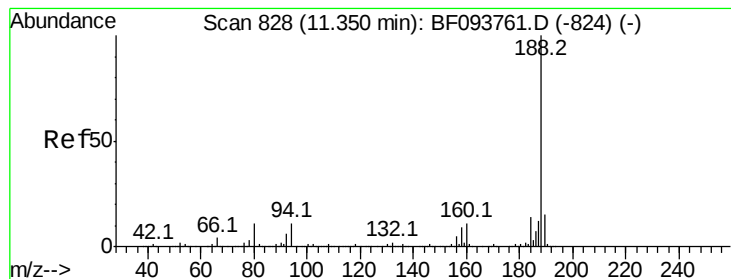


Abundance Ion 163.00 (162.70 to 163.70): E

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: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)

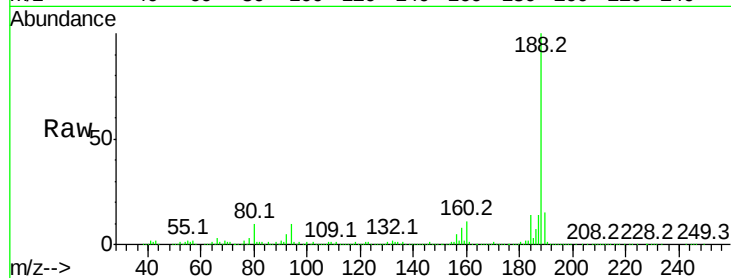
Tot Ion:188 Resp: 705663

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

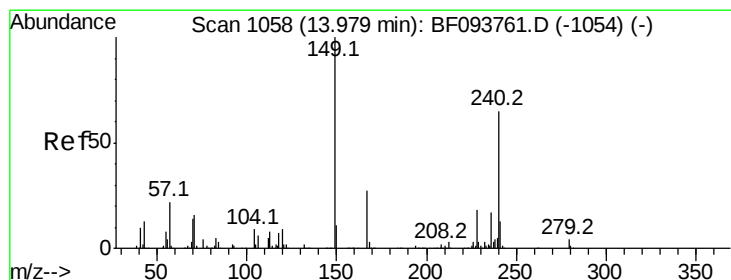
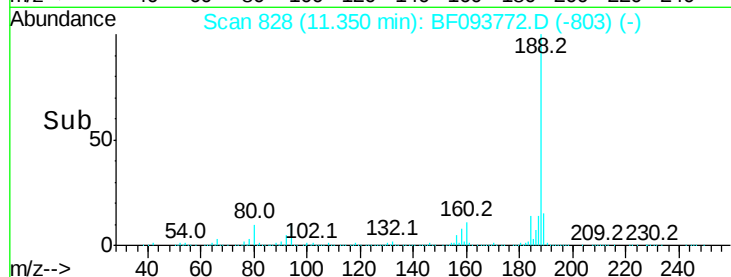
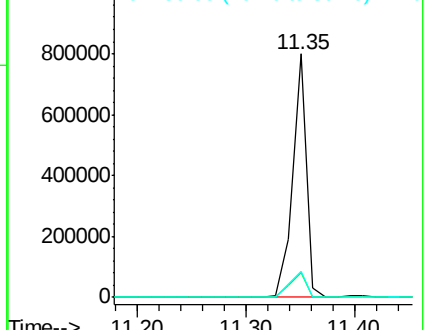
80 10.4 10.2 15.2



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: BF093772.D

Acq: 20 Mar 2017 18:57

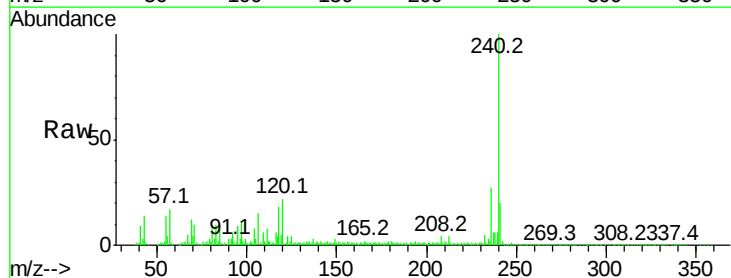
Tgt Ion:240 Resp: 418058

Ion Ratio Lower Upper

240 100

120 21.6 5.8 8.8#

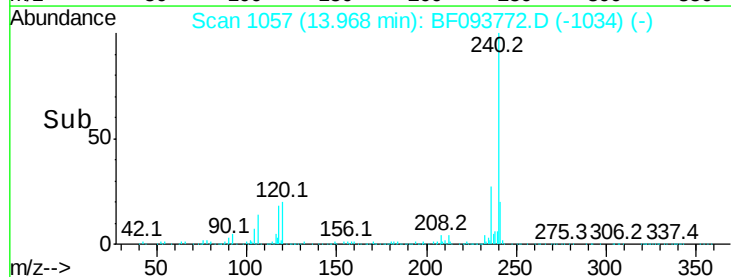
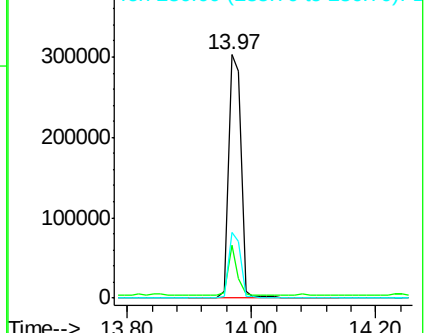
236 26.8 20.5 30.7

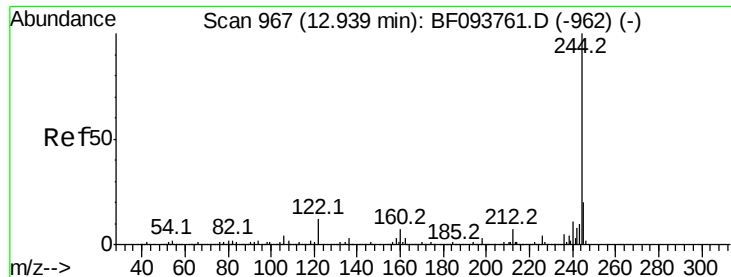


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.80 ng

RT: 12.94 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

Instrument :

BNA_F

ClientSampleId :

SPA-B6(0-5)

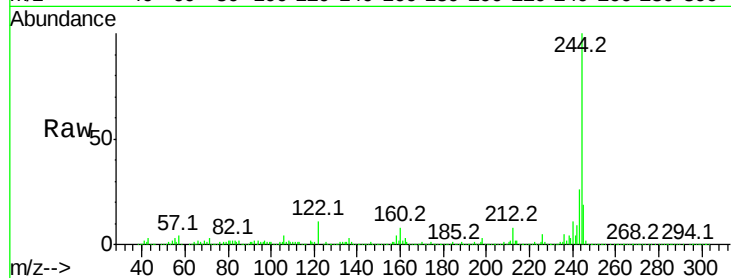
Tot Ion:244 Resp: 1492722

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

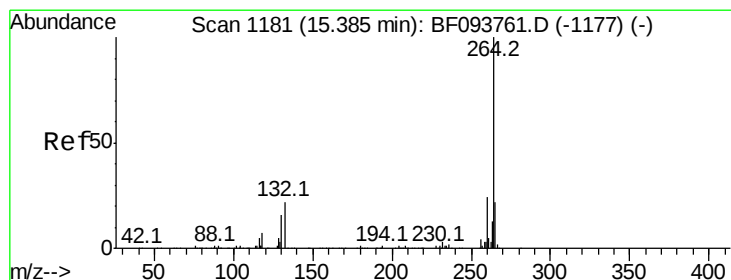
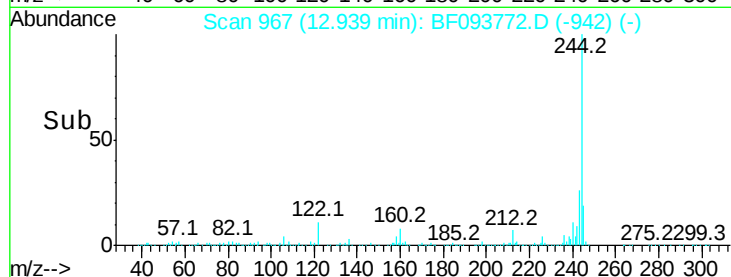
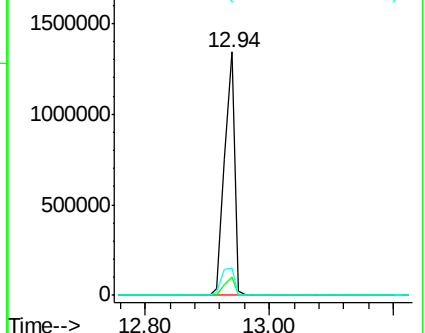
122 11.5 10.3 15.5



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: 15.38 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF093772.D

Acq: 20 Mar 2017 18:57

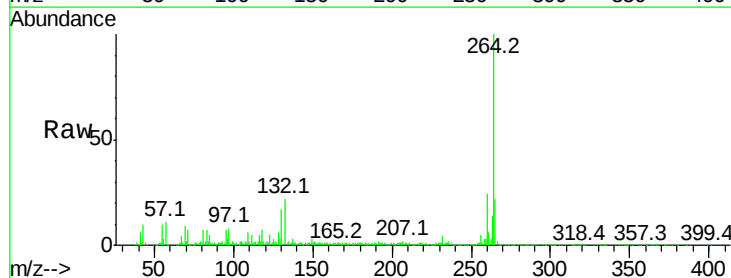
Tgt Ion:264 Resp: 379517

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 22.2 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

