

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
 Data File : BF093306.D
 Acq On : 1 Mar 2017 23:04
 Operator : SJ/MA
 Sample : I2003-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB438

Quant Time: Mar 02 01:18:23 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

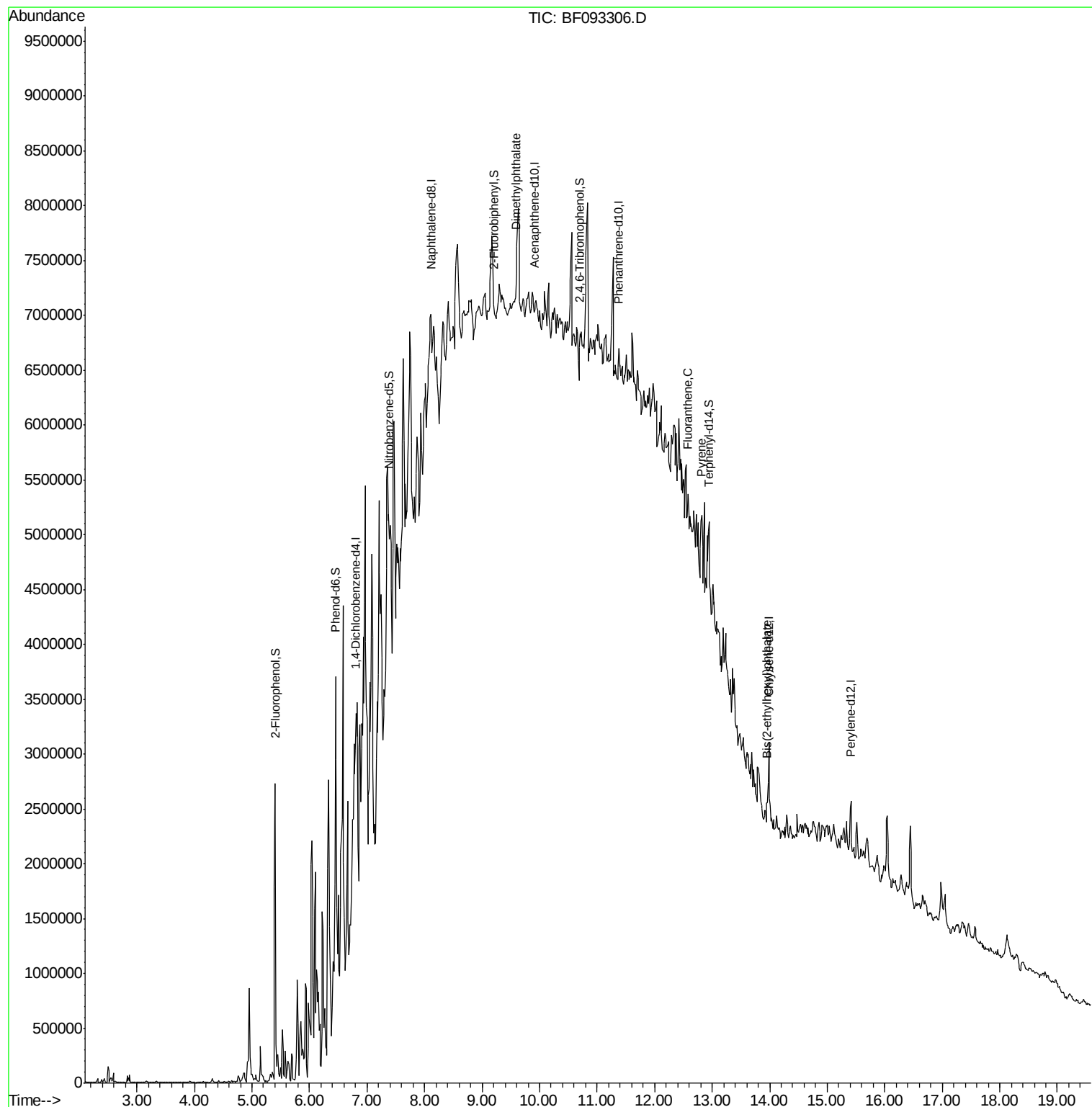
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111613	20.00	ng	-0.05
21) Naphthalene-d8	8.11	136	229683	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	62160	20.00	ng	0.01
63) Phenanthrene-d10	11.38	188	133921	20.00	ng	0.00
75) Chrysene-d12	13.99	240	279883	20.00	ng	-0.03
86) Perylene-d12	15.41	264	272933	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	962788	147.99	ng	-0.05
7) Phenol-d6	6.45	99	1001105	119.60	ng	-0.03
23) Nitrobenzene-d5	7.38	82	604563	146.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	73817	164.19	ng	0.01
44) 2-Fluorobiphenyl	9.21	172	421873	122.96	ng	-0.01
78) Terphenyl-d14	12.93	244	555514	46.64	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.60	163	114158	27.27	ng	# 49
74) Fluoranthene	12.58	202	140778	17.79	ng	86
77) Pyrene	12.81	202	490256	23.41	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.95	149	43443	3.73	ng	# 87

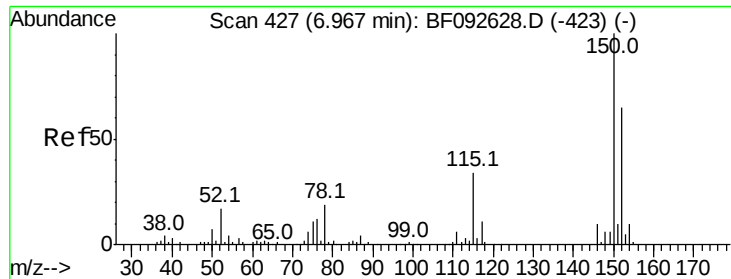
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 01:18:23 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampleId :

HY-SB438

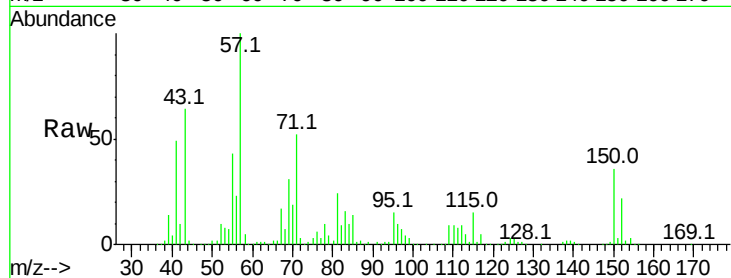
Tot Ion:152 Resp: 111613

Ion Ratio Lower Upper

152 100

150 159.0 124.9 187.3

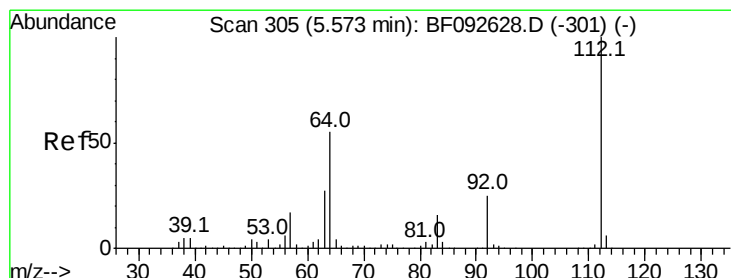
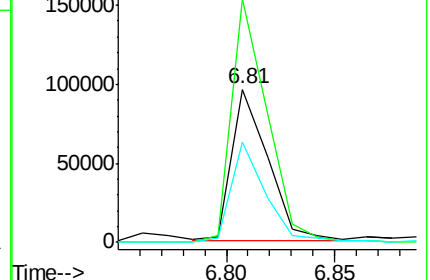
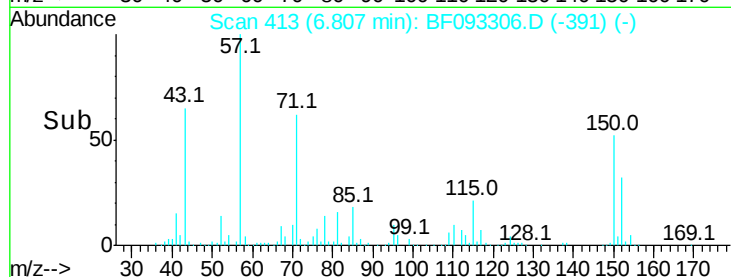
115 65.7 46.0 69.0



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: 147.99 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

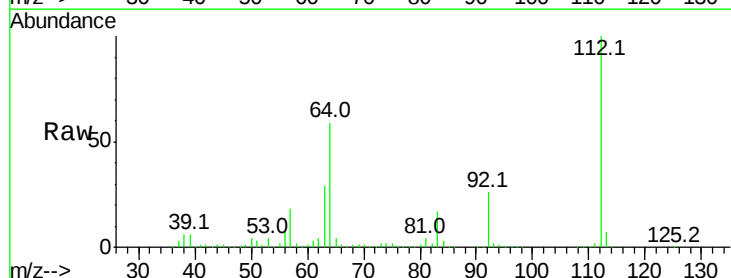
Tgt Ion:112 Resp: 962788

Ion Ratio Lower Upper

112 100

64 58.9 46.1 69.1

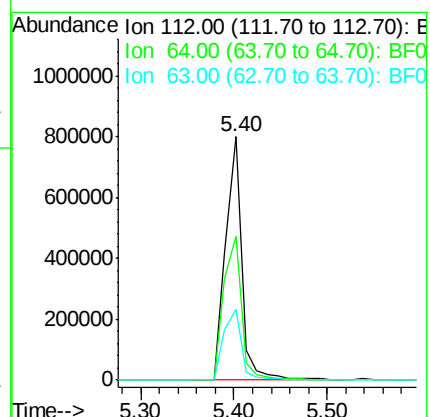
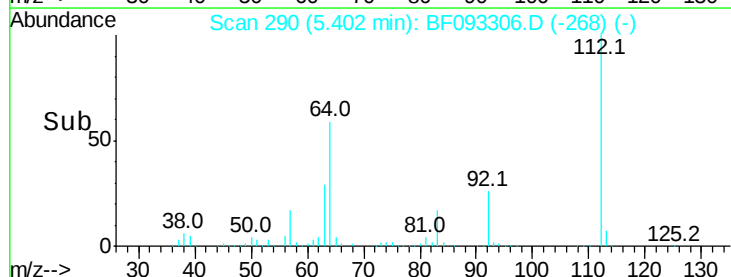
63 29.3 23.8 35.6

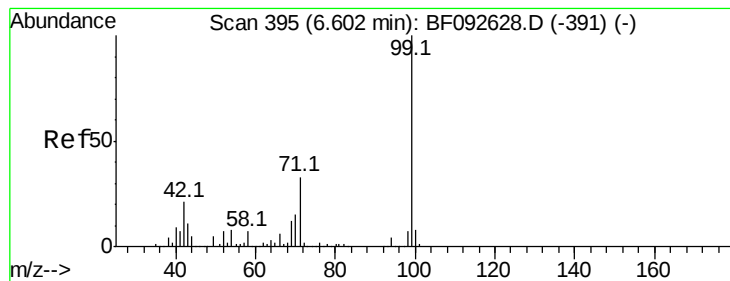


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.60 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampleId :

HY-SB438

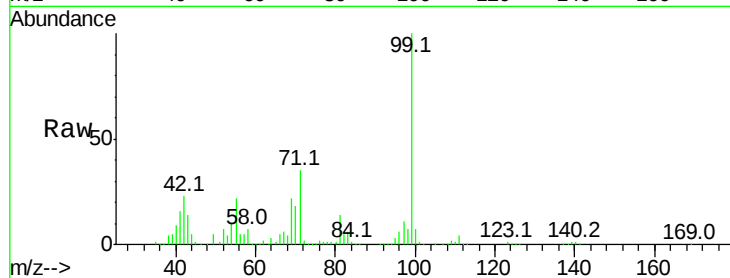
Tot Ion: 99 Resp: 1001105

Ion Ratio Lower Upper

99 100

42 22.6 15.6 23.4

71 34.6 27.5 41.3

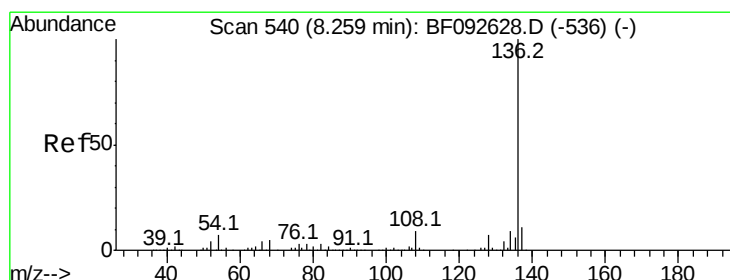
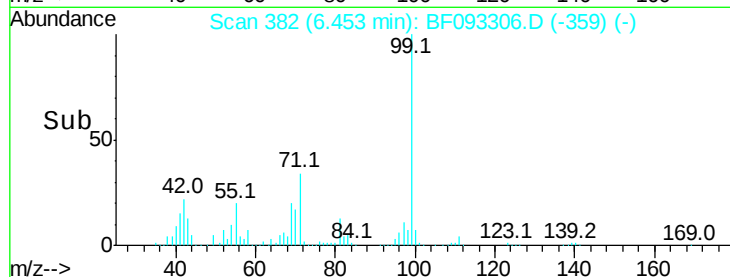
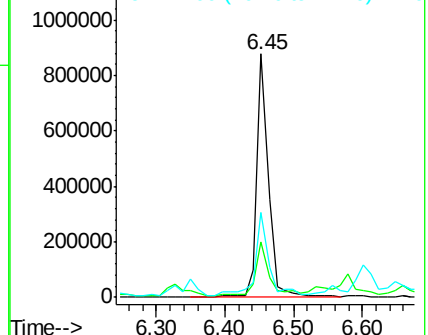


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Tgt Ion:136 Resp: 229683

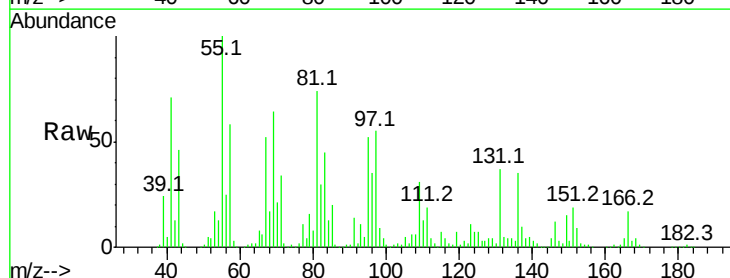
Ion Ratio Lower Upper

136 100

137 28.1 8.4 12.6#

54 38.9 4.5 6.7#

68 48.4 3.6 5.4#



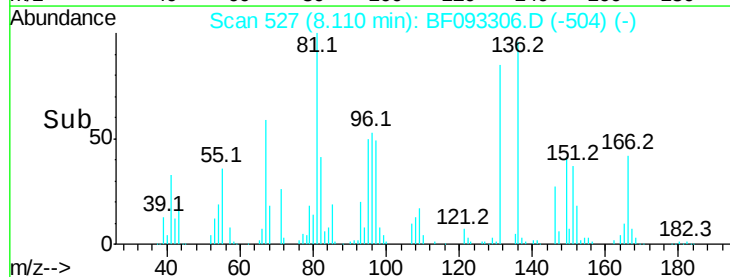
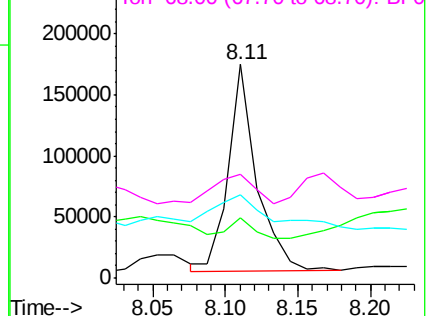
Abundance

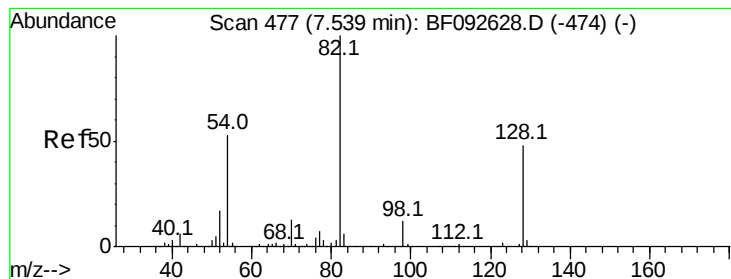
Ion 136.00 (135.70 to 136.70): E

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: 146.58 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampleId :

HY-SB438

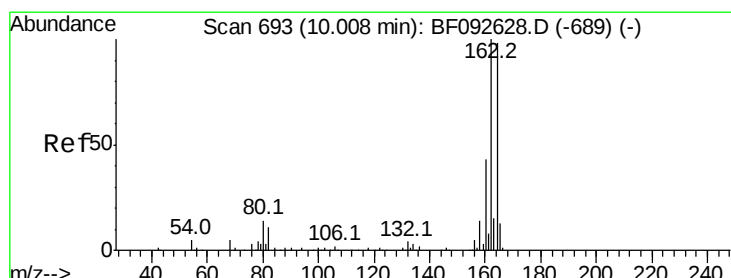
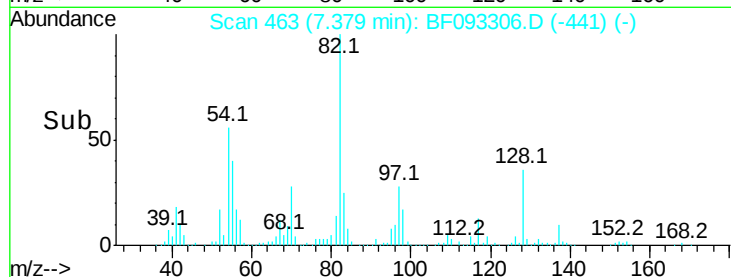
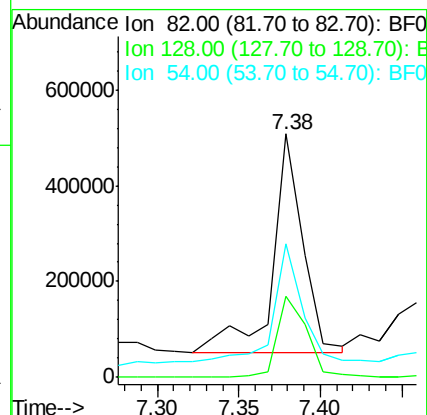
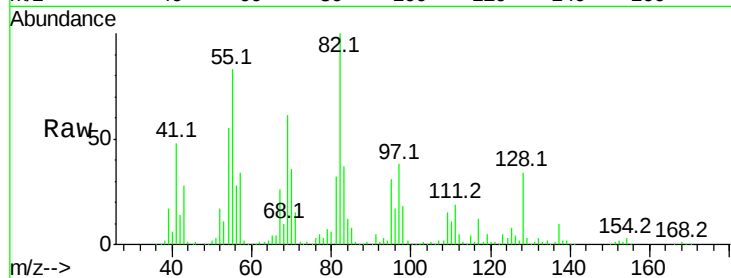
Tot Ion: 82 Resp: 604563

Ion Ratio Lower Upper

82 100

128 33.5 34.6 52.0#

54 54.6 39.5 59.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

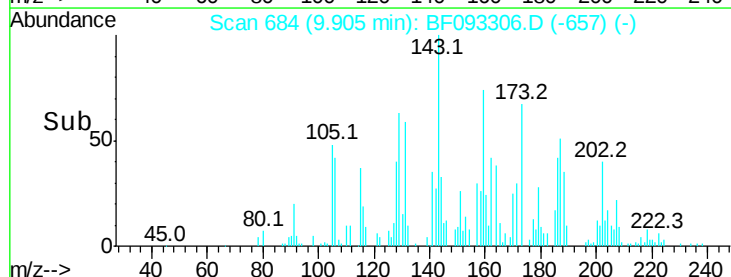
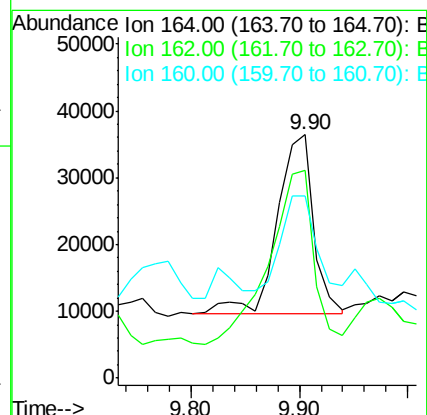
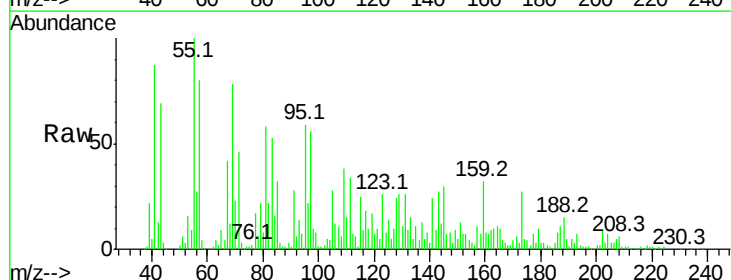
Tgt Ion:164 Resp: 62160

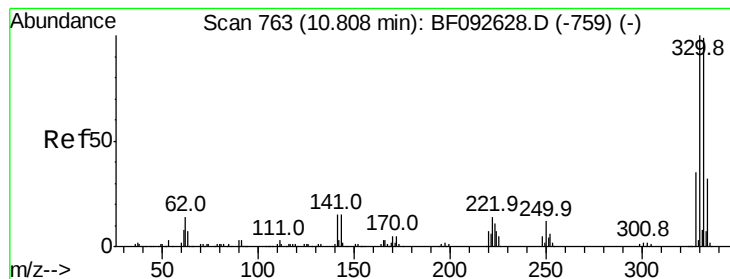
Ion Ratio Lower Upper

164 100

162 85.5 80.2 120.2

160 74.9 36.9 55.3#





#41

2,4,6-Tribromophenol

Concen: 164.19 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampled :

HY-SB438

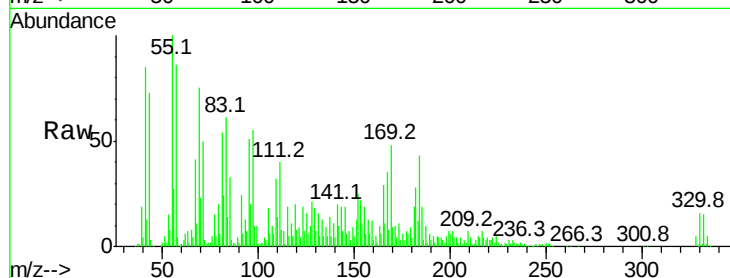
Tot Ion:330 Resp: 73817

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

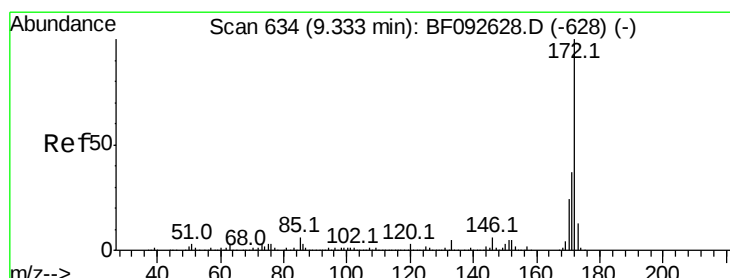
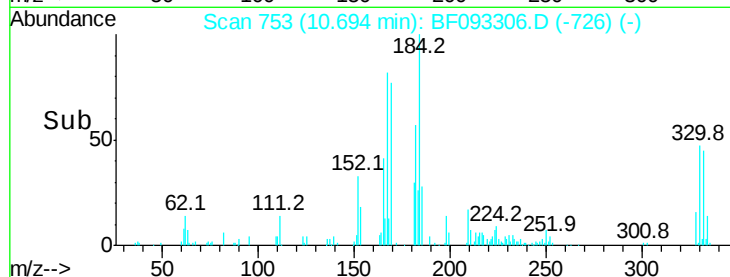
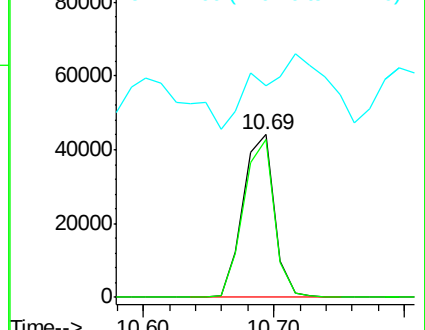
141 0.0 34.1 51.1#



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: 122.96 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

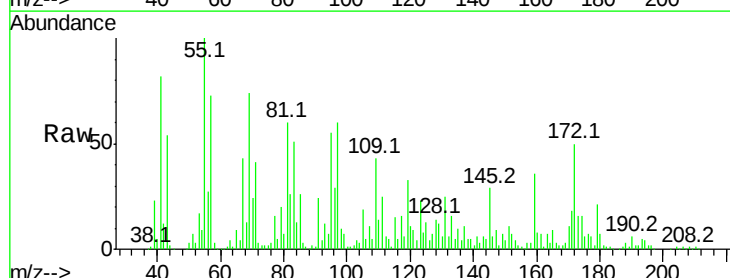
Tgt Ion:172 Resp: 421873

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.0

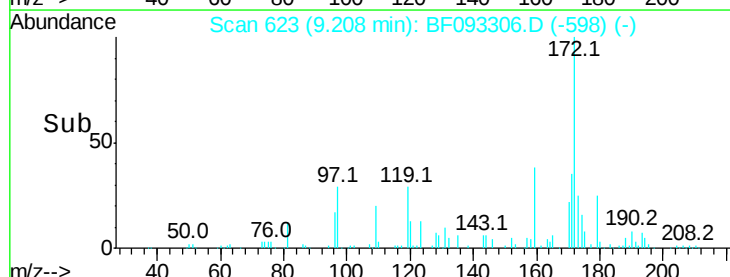
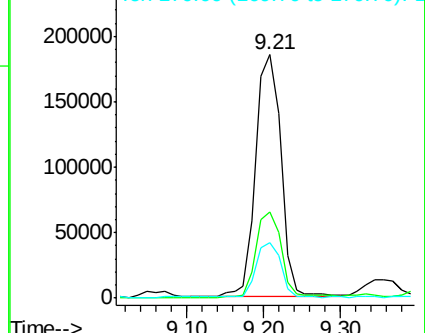
170 22.9 20.2 30.4

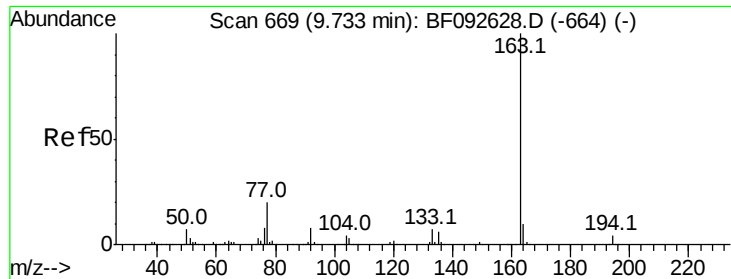


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

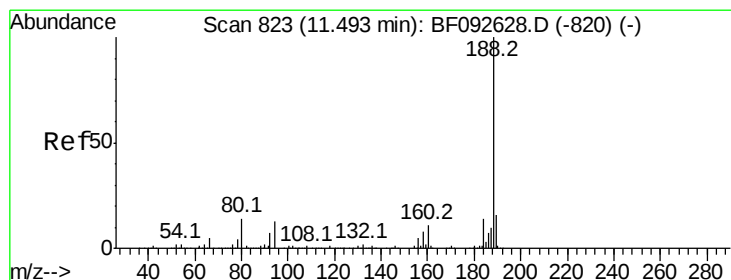
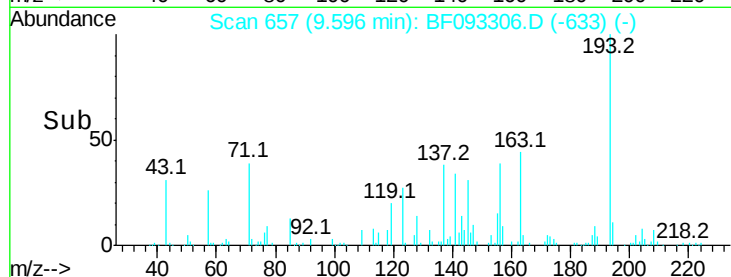
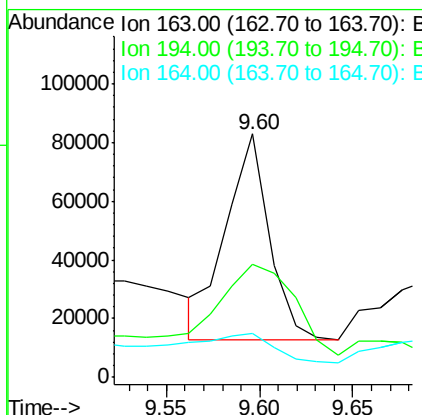
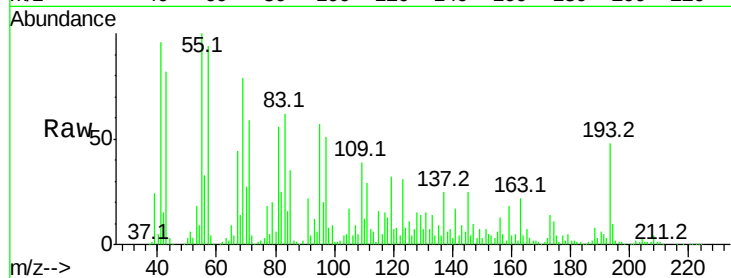




#49
Dimethylphthalate
Concen: 27.27 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093306.D
Acq: 1 Mar 2017 23:04

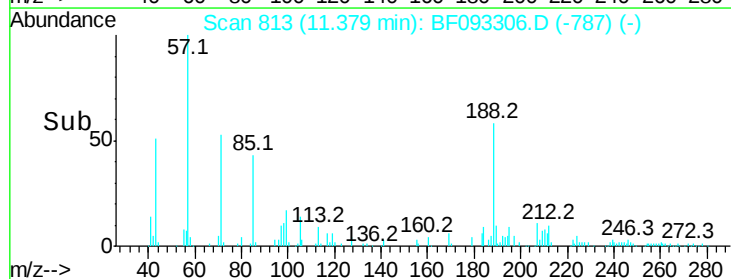
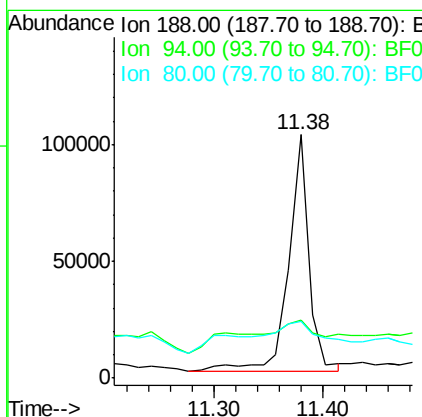
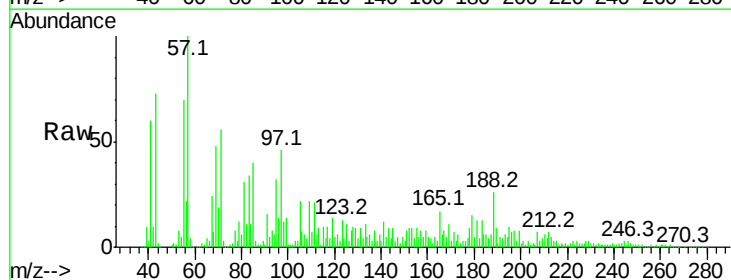
Instrument :
BNA_F
ClientSampleId :
HY-SB438

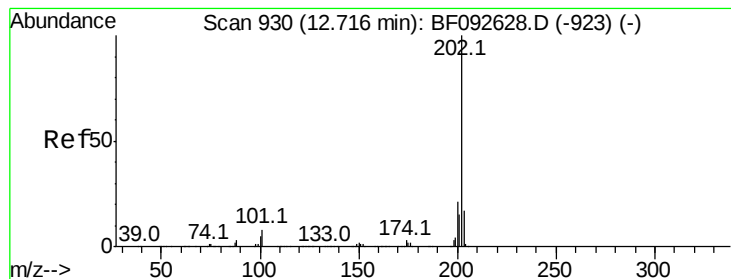
Tot Ion:163 Resp: 114158
Ion Ratio Lower Upper
163 100
194 46.5 3.0 4.4#
164 17.8 8.0 12.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093306.D
Acq: 1 Mar 2017 23:04

Tgt Ion:188 Resp: 133921
Ion Ratio Lower Upper
188 100
94 23.7 10.0 15.0#
80 23.4 11.2 16.8#





#74

Fluoranthene

Concen: 17.79 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampleId :

HY-SB438

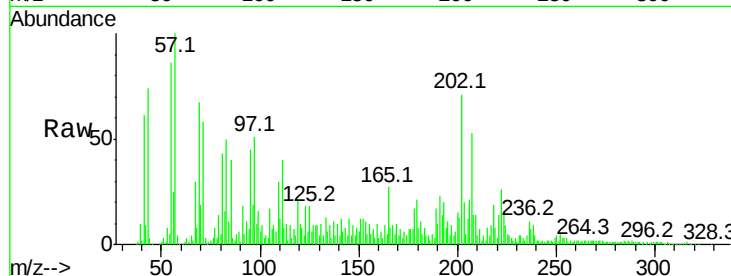
Tot Ion:202 Resp: 140778

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

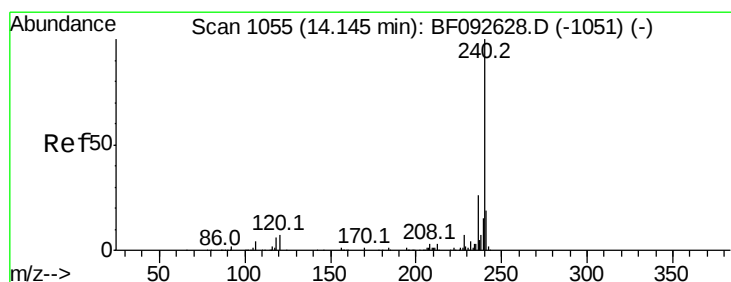
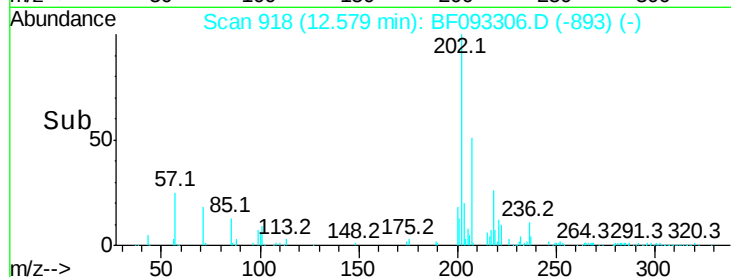
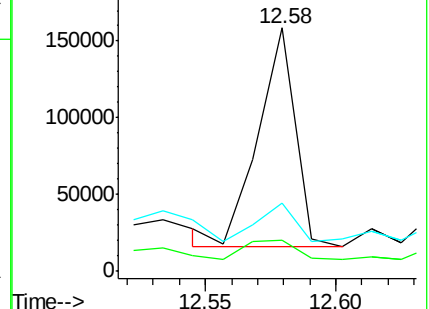
203 28.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

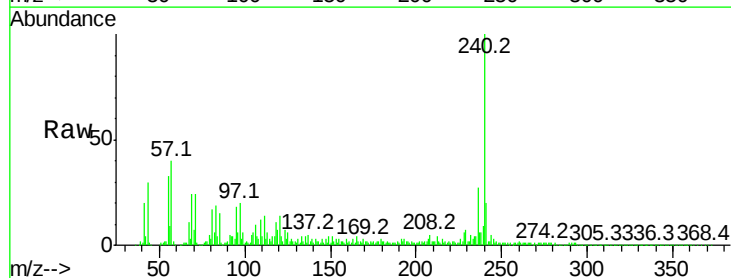
Tgt Ion:240 Resp: 279883

Ion Ratio Lower Upper

240 100

120 13.8 12.9 19.3

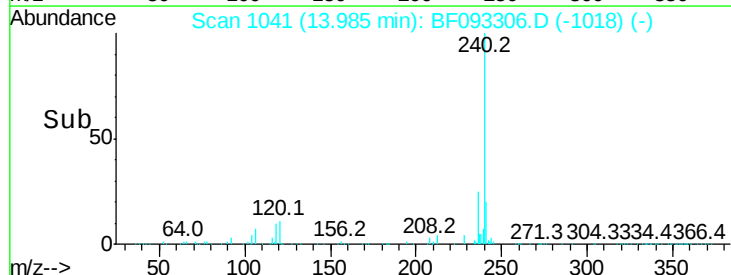
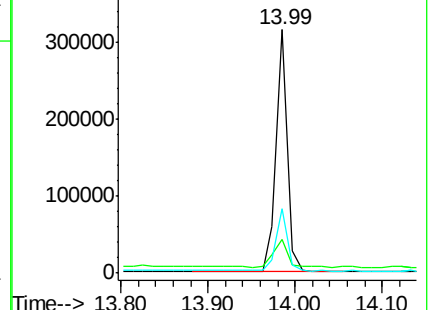
236 26.6 20.9 31.3

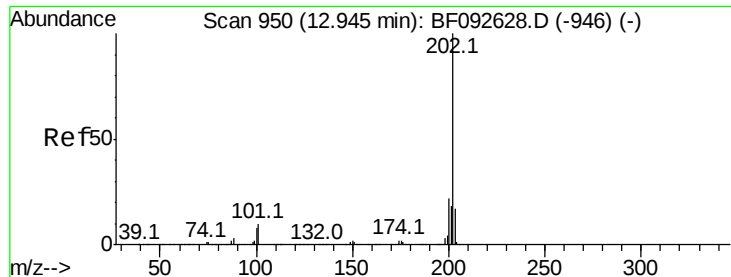


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 23.41 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampled :

HY-SB438

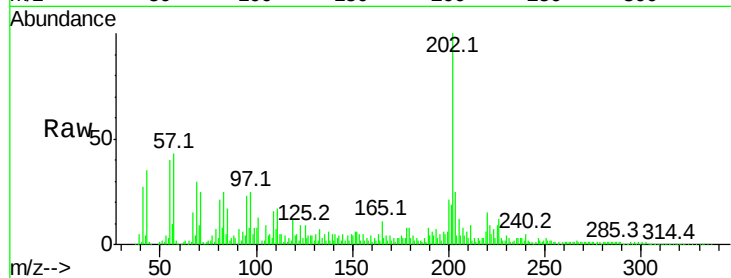
Tot Ion:202 Resp: 490256

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

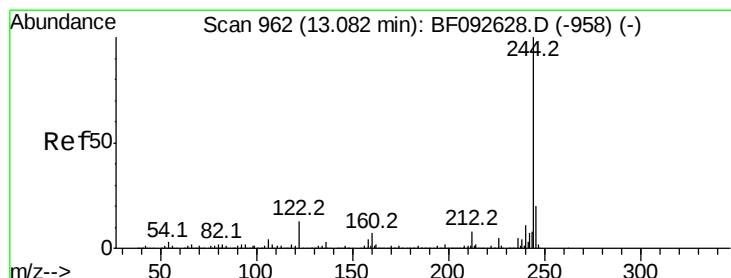
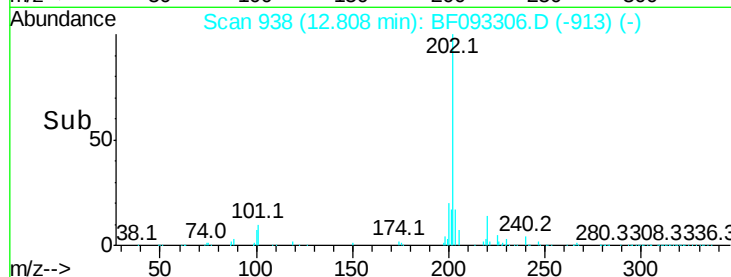
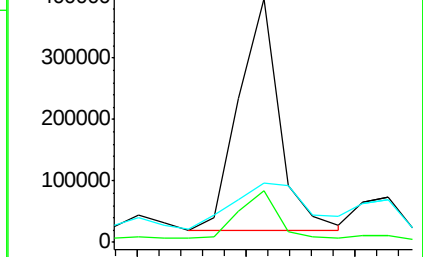
203 24.5 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.64 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

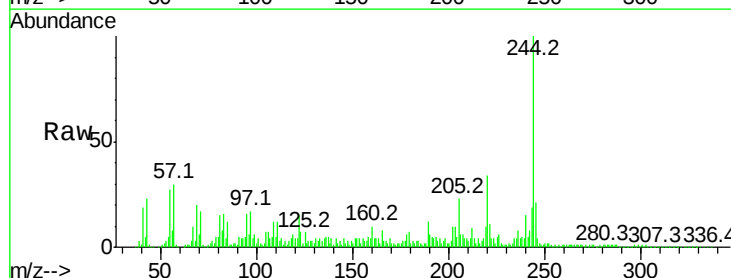
Tgt Ion:244 Resp: 555514

Ion Ratio Lower Upper

244 100

212 8.6 6.2 9.2

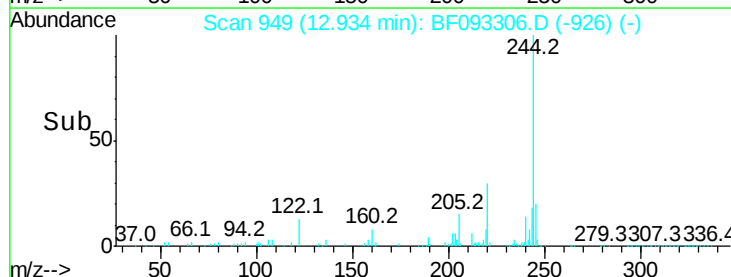
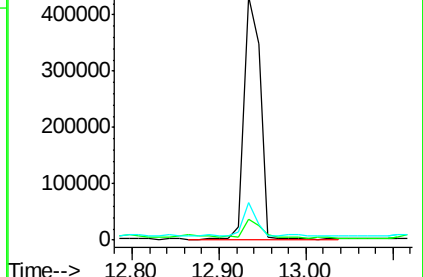
122 15.4 11.4 17.2

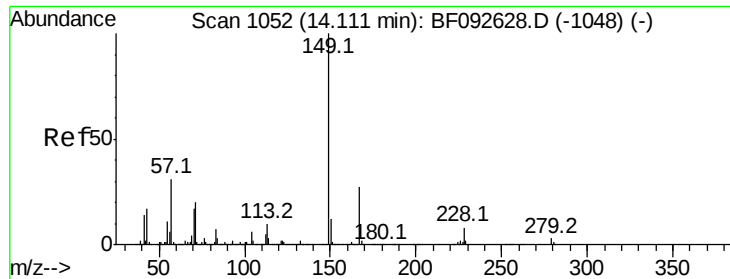


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.73 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

Instrument :

BNA_F

ClientSampleId :

HY-SB438

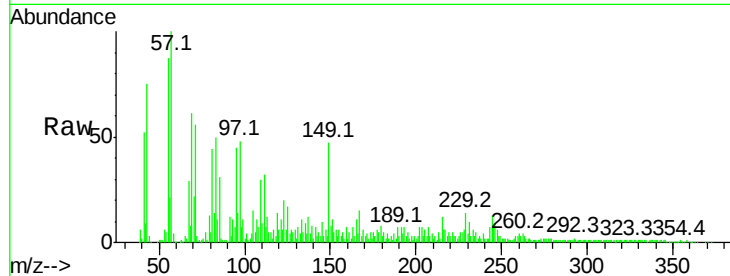
Tot Ion:149 Resp: 43443

Ion Ratio Lower Upper

149 100

167 32.0 20.2 30.4#

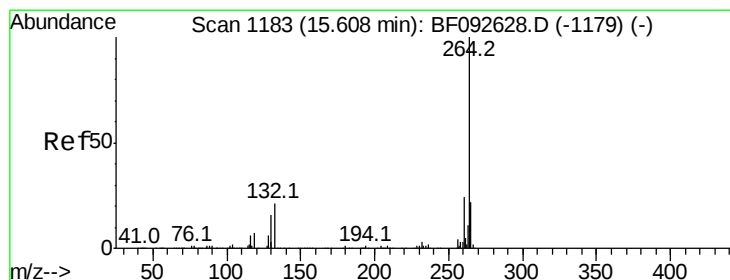
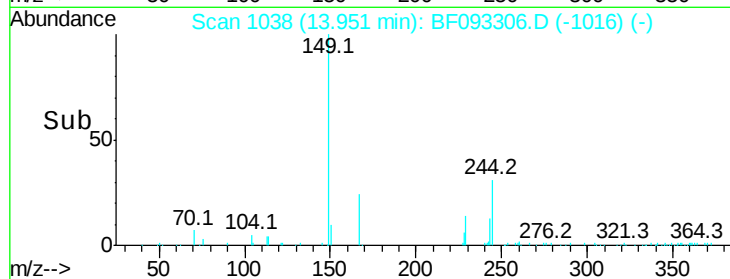
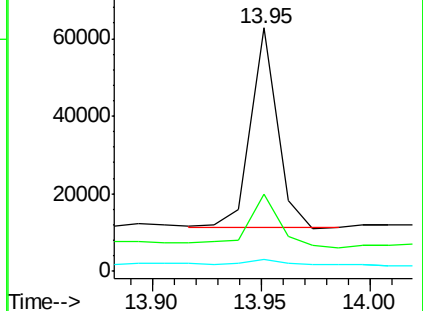
279 4.8 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093306.D

Acq: 1 Mar 2017 23:04

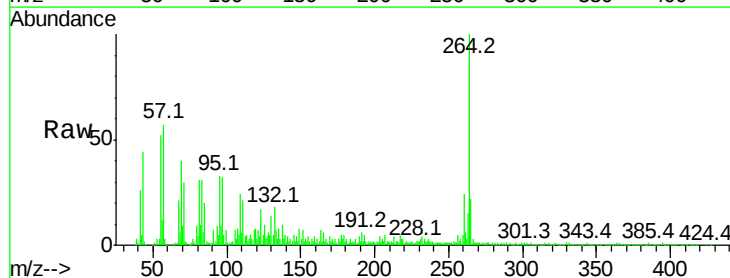
Tgt Ion:264 Resp: 272933

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 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

