

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102092.D
 Acq On : 16 Jan 2018 6:31
 Operator : SJ/JU
 Sample : J1116-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41-4.5-5.0

Quant Time: Jan 16 07:22:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

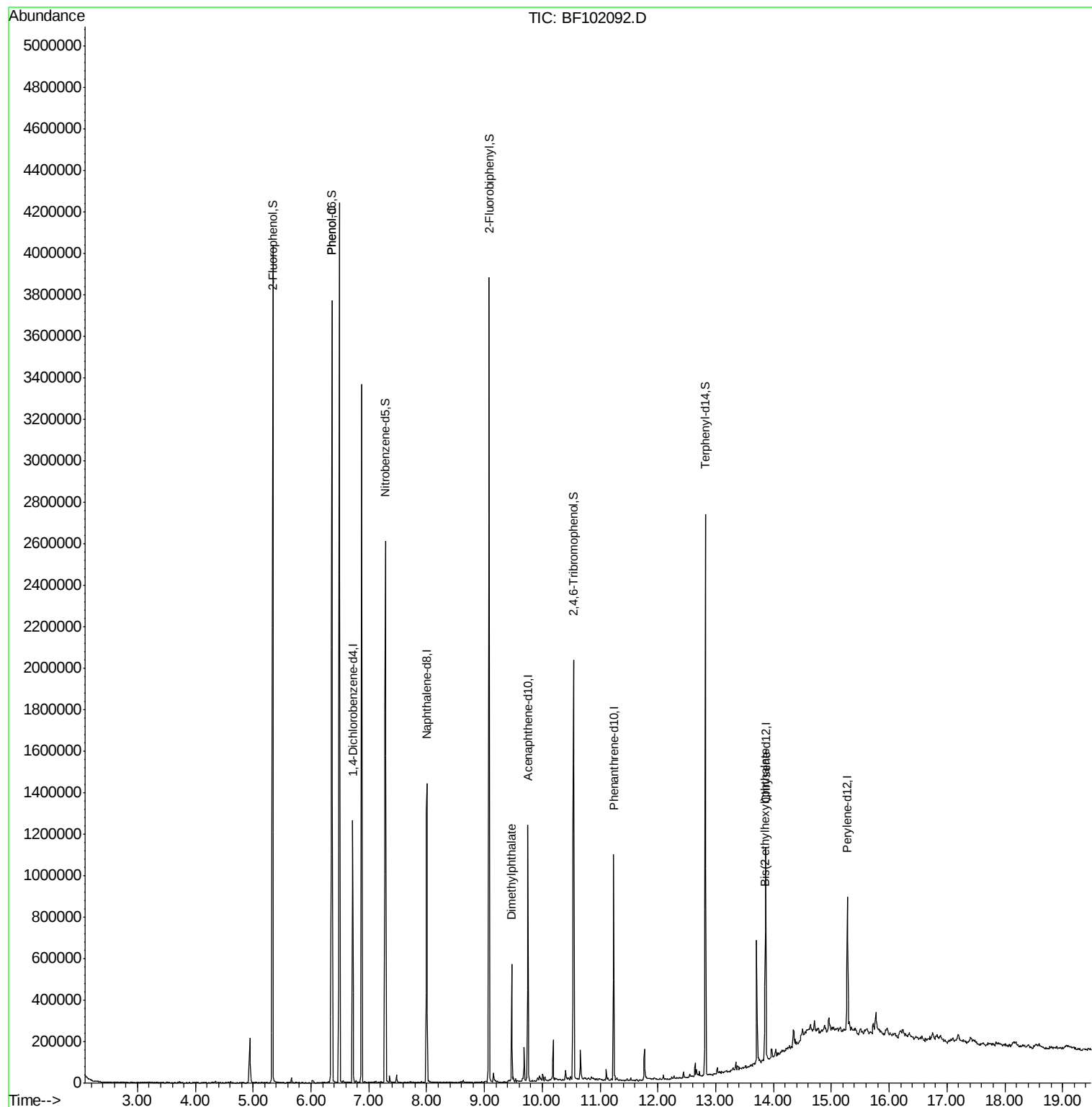
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171722	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	650166	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	247281	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	351054	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	326015	20.00	ng	-0.02
86) Perylene-d12	15.28	264	287696	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1240286	101.99	ng	0.01
7) Phenol-d6	6.36	99	1439903	99.24	ng	0.00
23) Nitrobenzene-d5	7.29	82	889085	80.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	230737	106.92	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1209415	76.41	ng	-0.01
78) Terphenyl-d14	12.82	244	847861	54.00	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	48538	2.960	ng	# 63
49) Dimethylphthalate	9.47	163	210962	10.635	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.85	149	70433	4.643	ng	# 99

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

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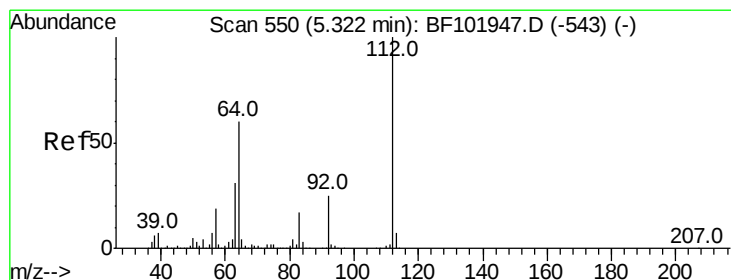
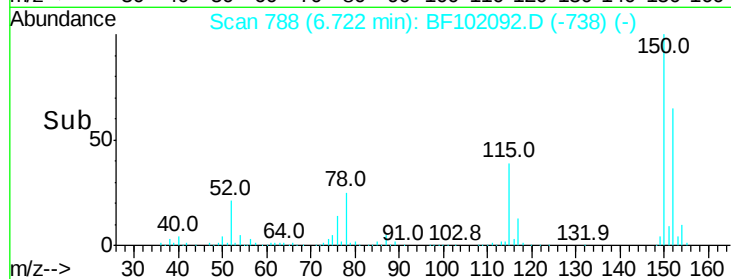
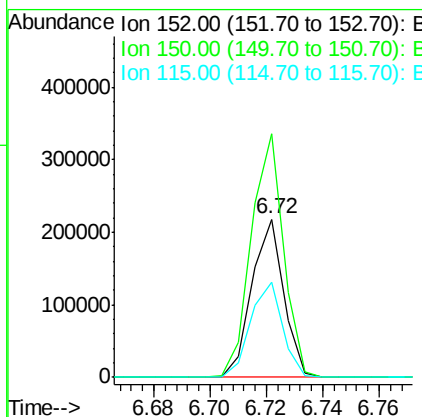
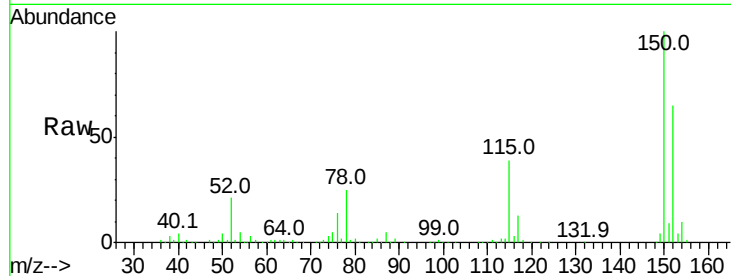


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

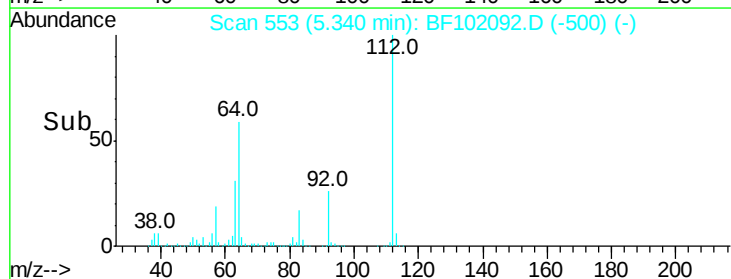
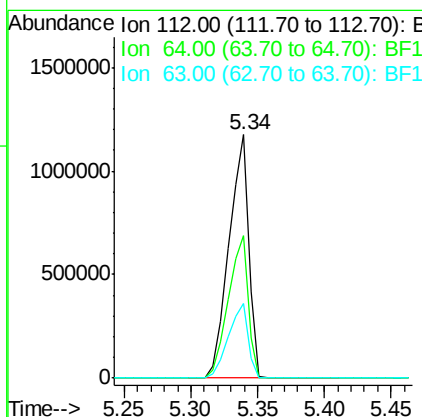
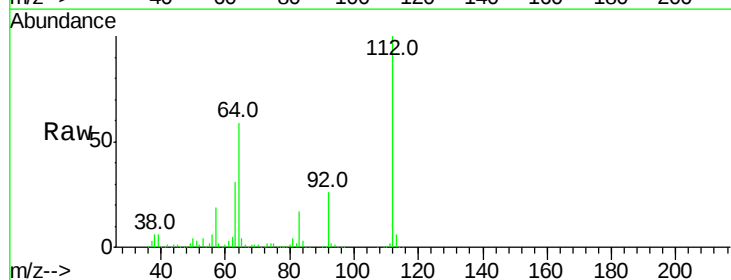
Tot Ion:152 Resp: 171722
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.7 50.1 75.1

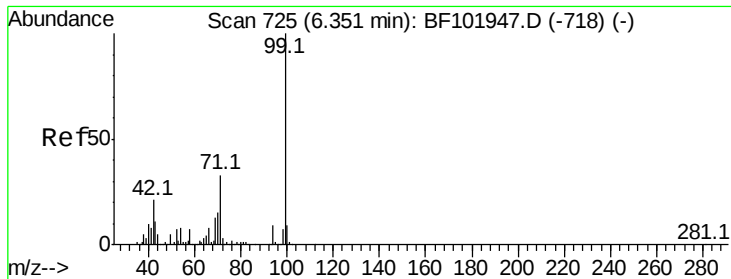


#5

2-Fluorophenol
Concen: 101.990 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Tgt Ion:112 Resp: 1240286
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 99.241 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

Instrument :

BNA_F

ClientSampleId :

SB-41-4.5-5.0

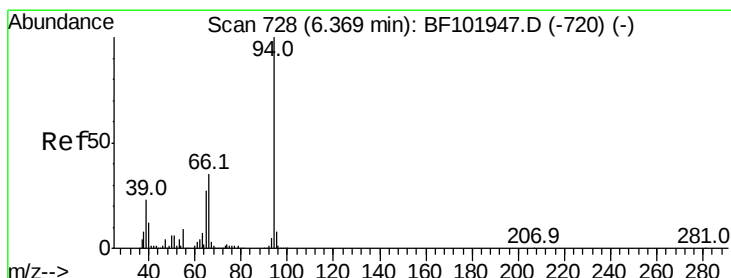
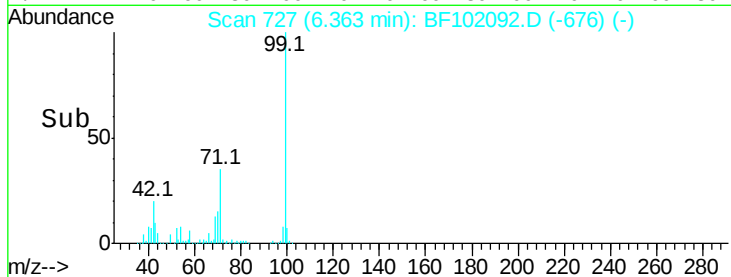
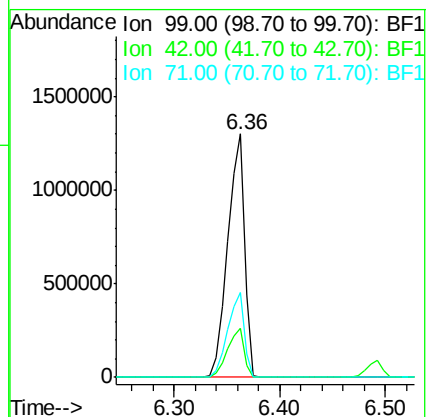
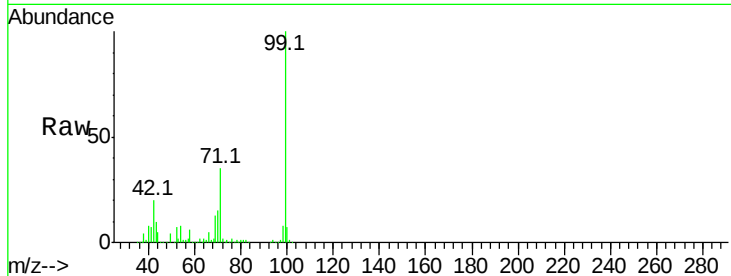
Tot Ion: 99 Resp: 1439903

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.1 25.4 38.0



#10

Phenol

Concen: 2.960 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

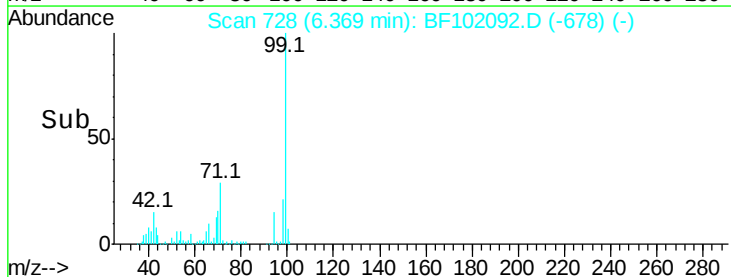
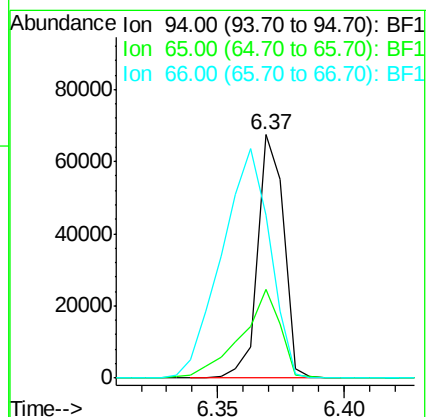
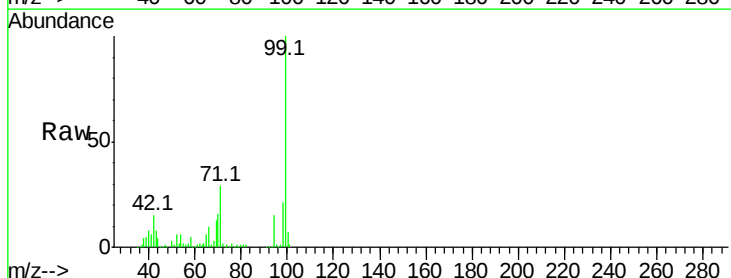
Tgt Ion: 94 Resp: 48538

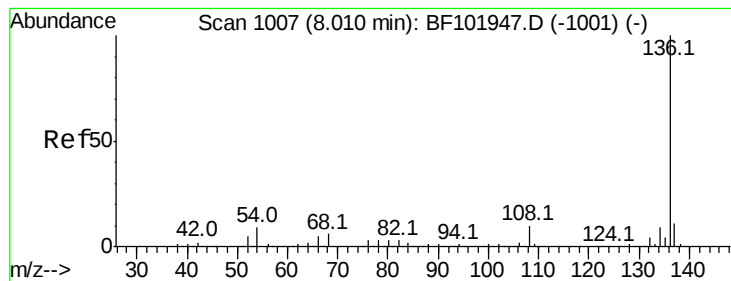
Ion Ratio Lower Upper

94 100

65 36.5 7.9 47.9

66 66.9 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

Instrument :

BNA_F

ClientSampleId :

SB-41-4.5-5.0

Tot Ion:136 Resp: 650166

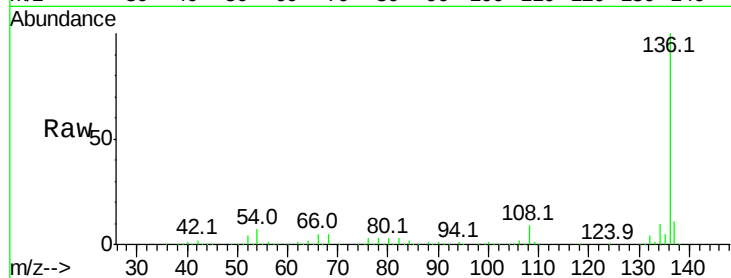
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 4.8 5.0 7.4#

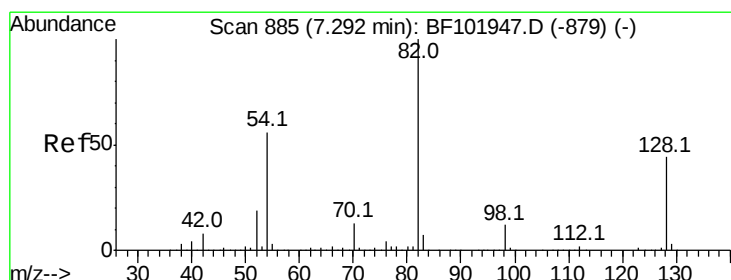
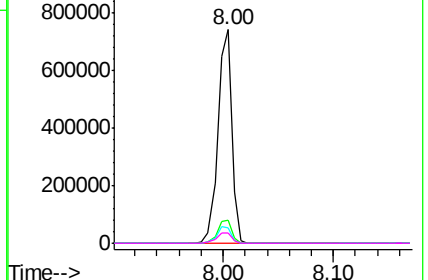
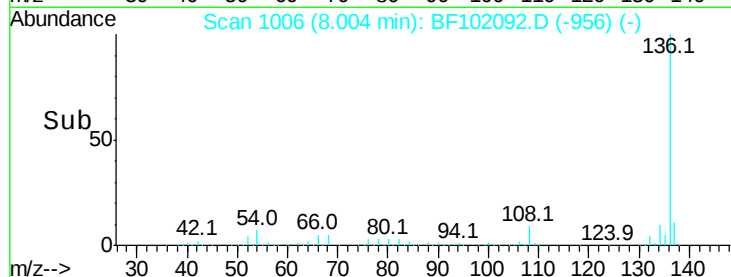


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 80.358 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

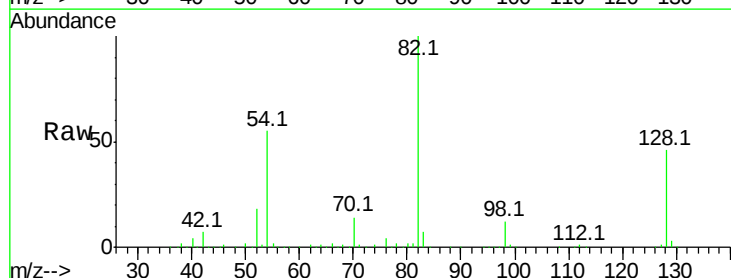
Tgt Ion: 82 Resp: 889085

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

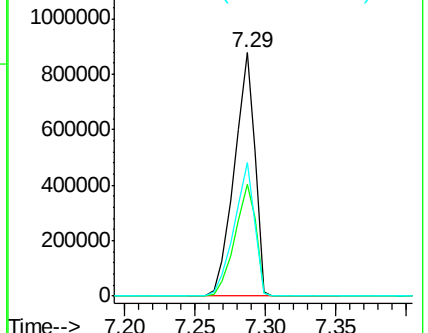
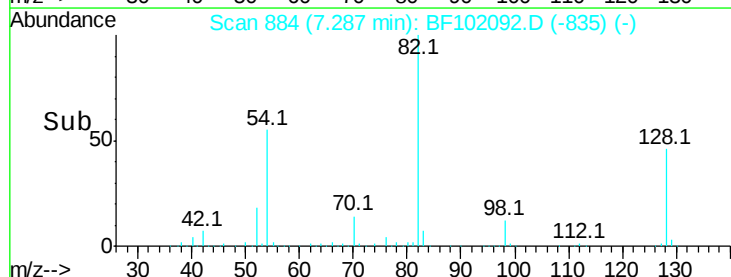
54 54.8 41.4 62.2

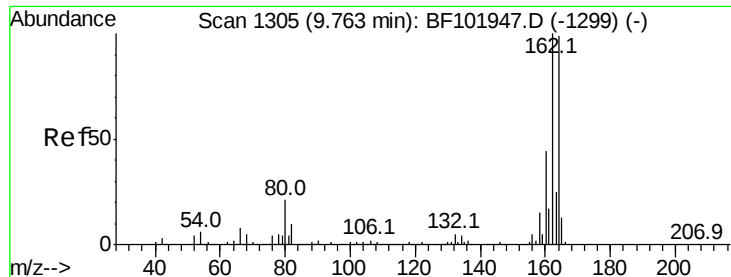


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

Instrument :

BNA_F

ClientSampleId :

SB-41-4.5-5.0

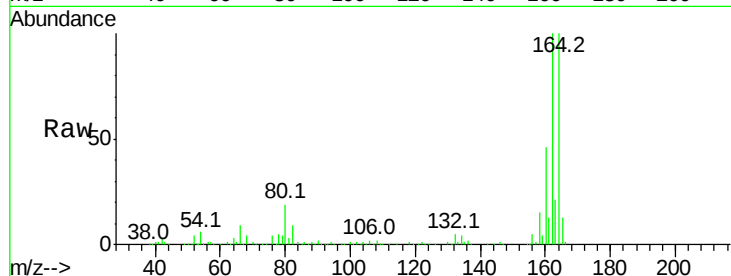
Tot Ion:164 Resp: 247281

Ion Ratio Lower Upper

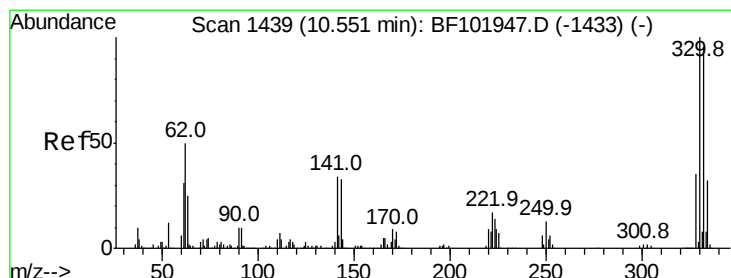
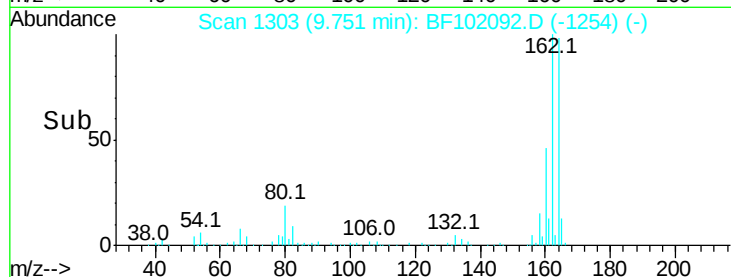
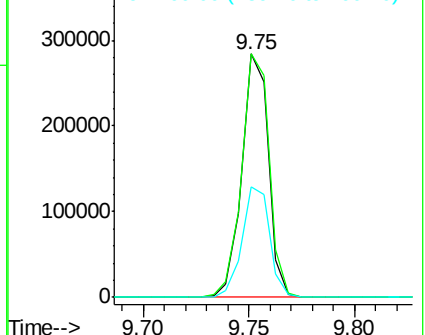
164 100

162 100.0 86.1 129.1

160 45.5 38.3 57.5



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: 106.922 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

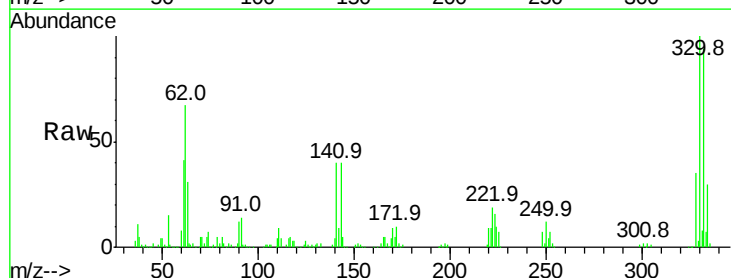
Tgt Ion:330 Resp: 230737

Ion Ratio Lower Upper

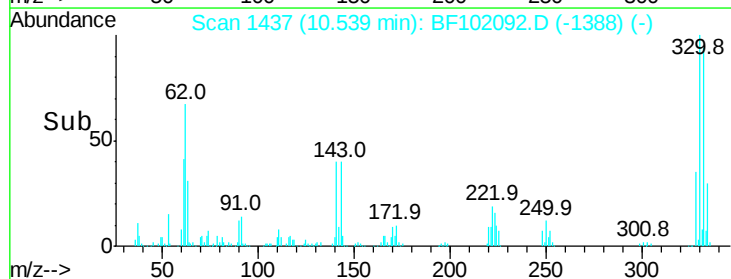
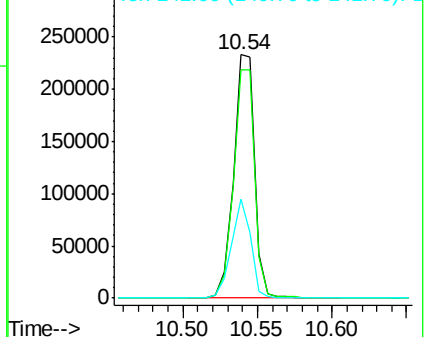
330 100

332 95.1 77.0 115.6

141 38.0 29.9 44.9



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

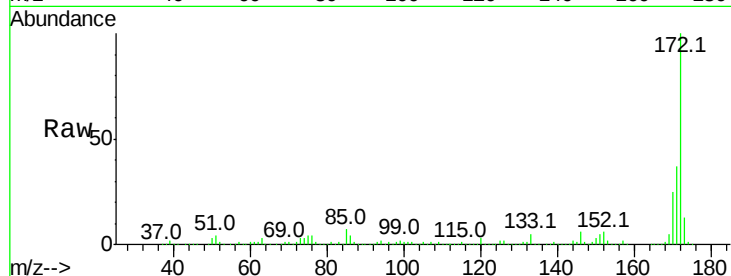




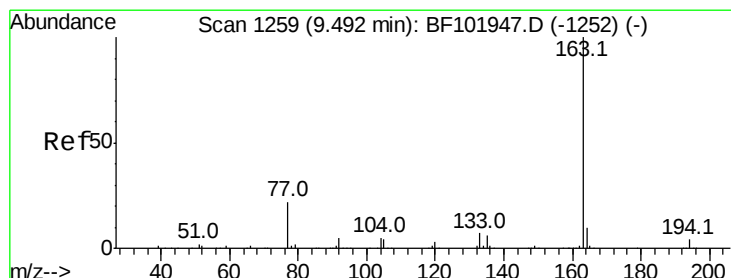
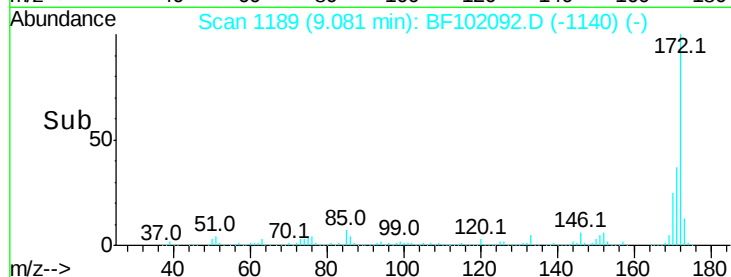
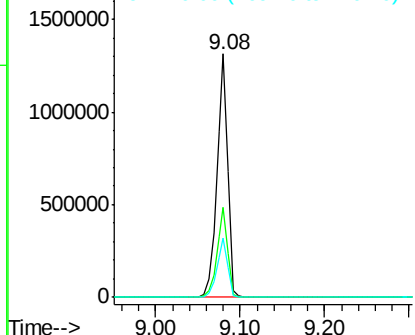
#44
2-Fluorobiphenyl
Concen: 76.408 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tot Ion:172 Resp: 1209415
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.5 19.6 29.4

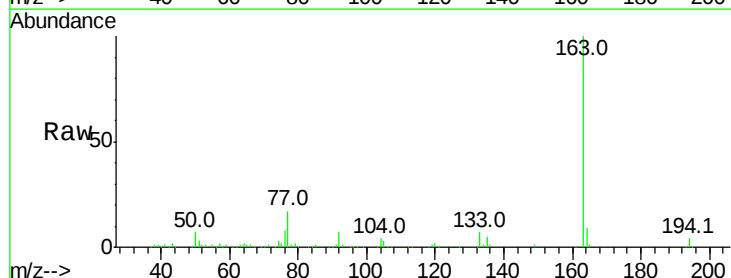


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

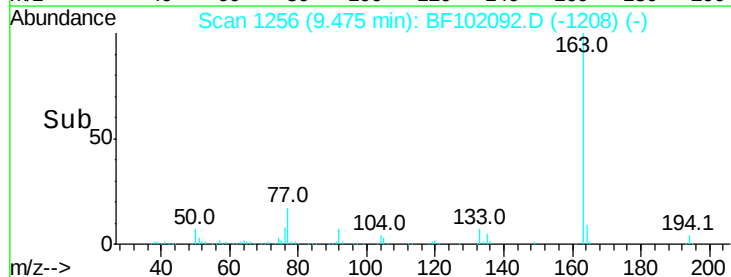
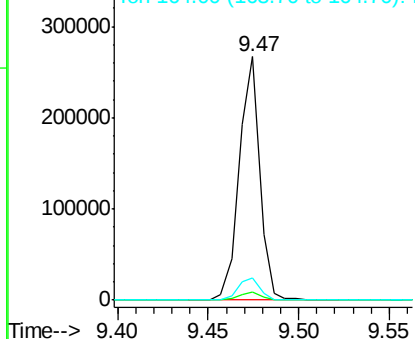


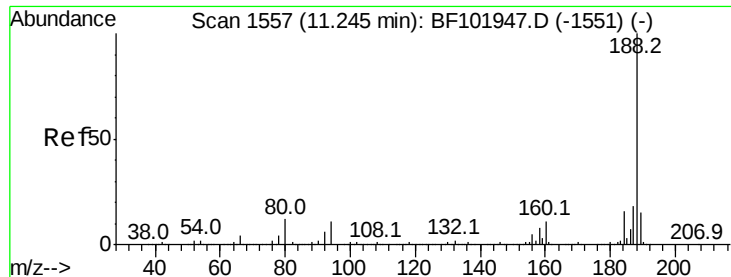
#49
Dimethylphthalate
Concen: 10.635 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Tgt Ion:163 Resp: 210962
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.2 8.2 12.2



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

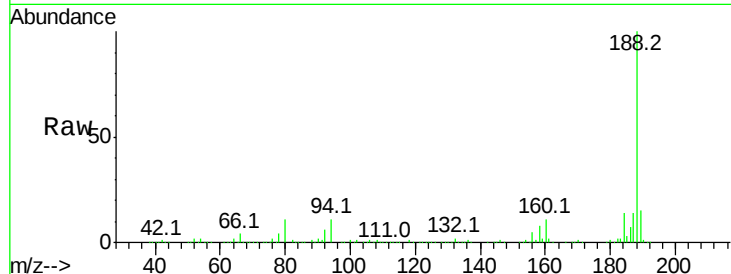




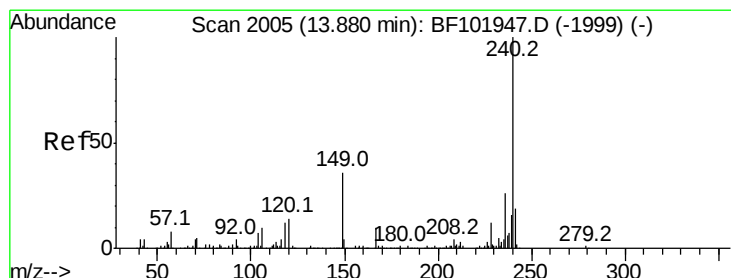
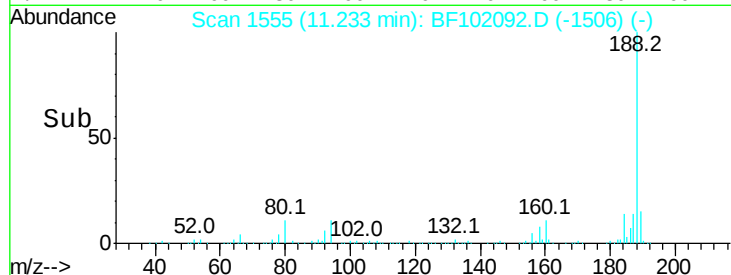
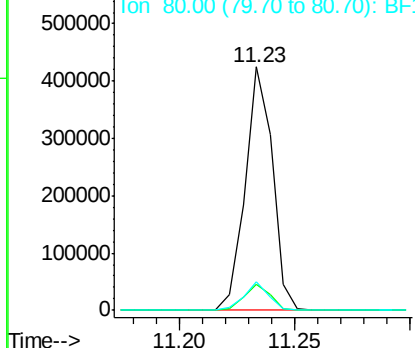
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tot Ion:188 Resp: 351054
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8

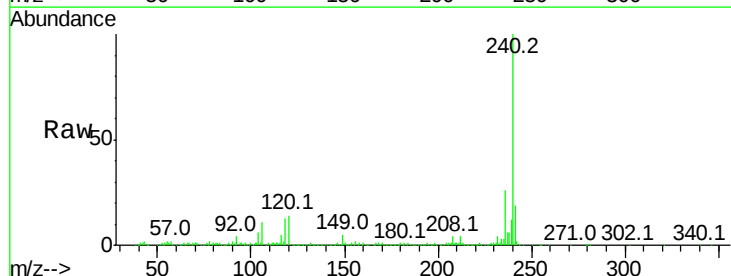


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

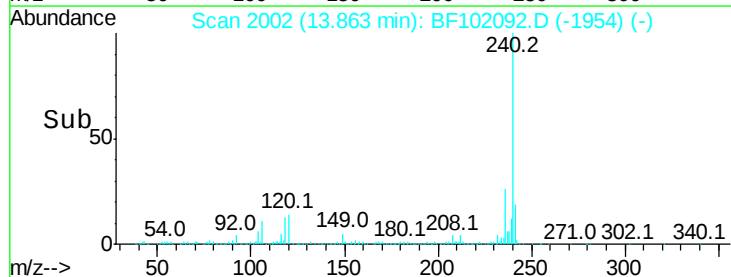
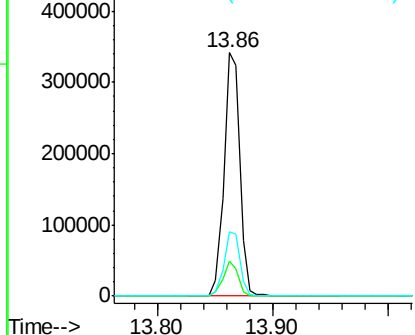


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Tgt Ion:240 Resp: 326015
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.5 20.7 31.1



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: 53.997 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

Instrument :

BNA_F

ClientSampleId :

SB-41-4.5-5.0

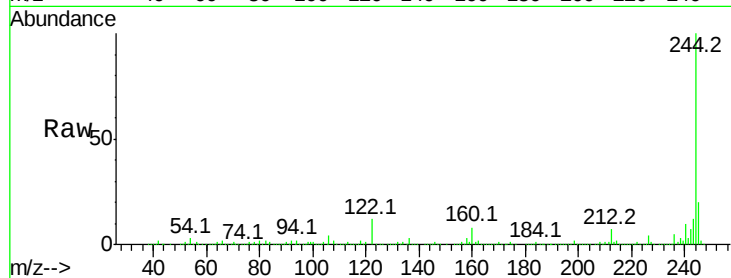
Tot Ion:244 Resp: 847861

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

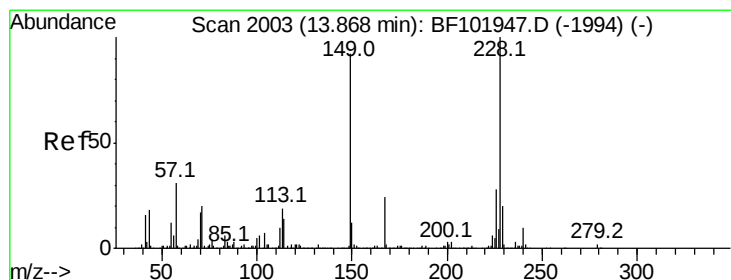
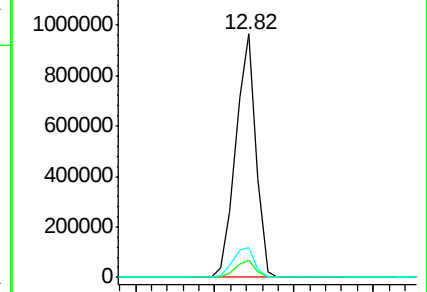
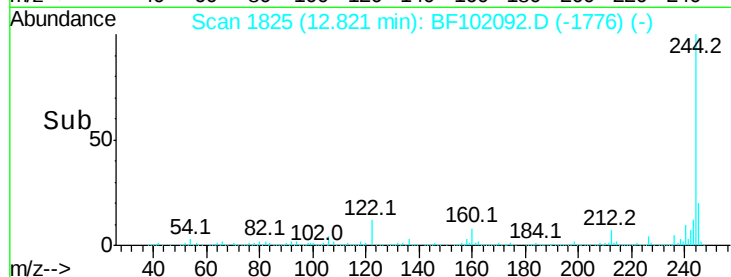
122 12.2 11.0 16.4



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: 4.643 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BF102092.D

Acq: 16 Jan 2018 6:31

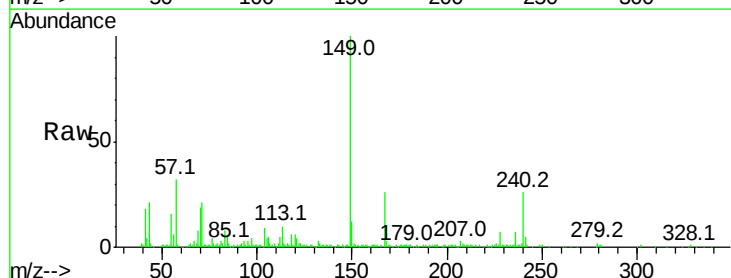
Tgt Ion:149 Resp: 70433

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

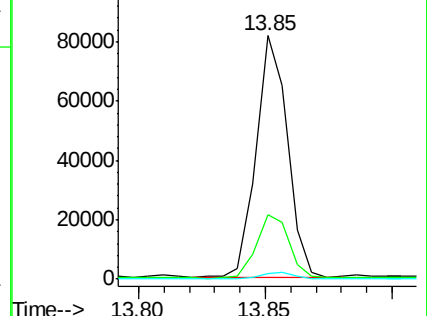
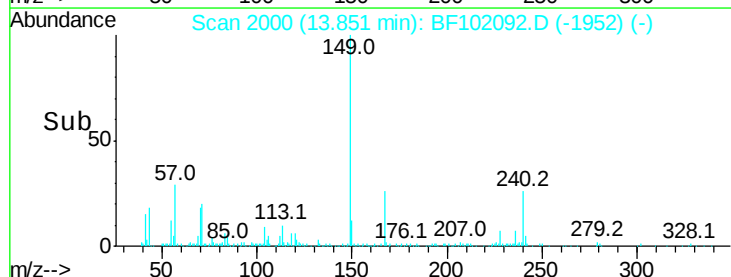
279 2.3 3.0 4.4#

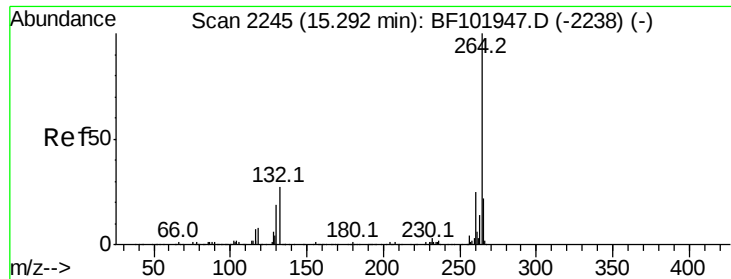


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

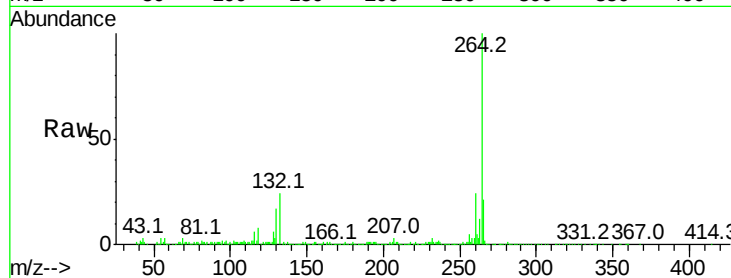




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102092.D
Acq: 16 Jan 2018 6:31

Instrument :
BNA_F
ClientSampleId :
SB-41-4.5-5.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.5	26.3



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

