

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101548.D
 Acq On : 20 Dec 2017 4:03
 Operator : SJ/JU
 Sample : I6974-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

Quant Time: Dec 20 07:41:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

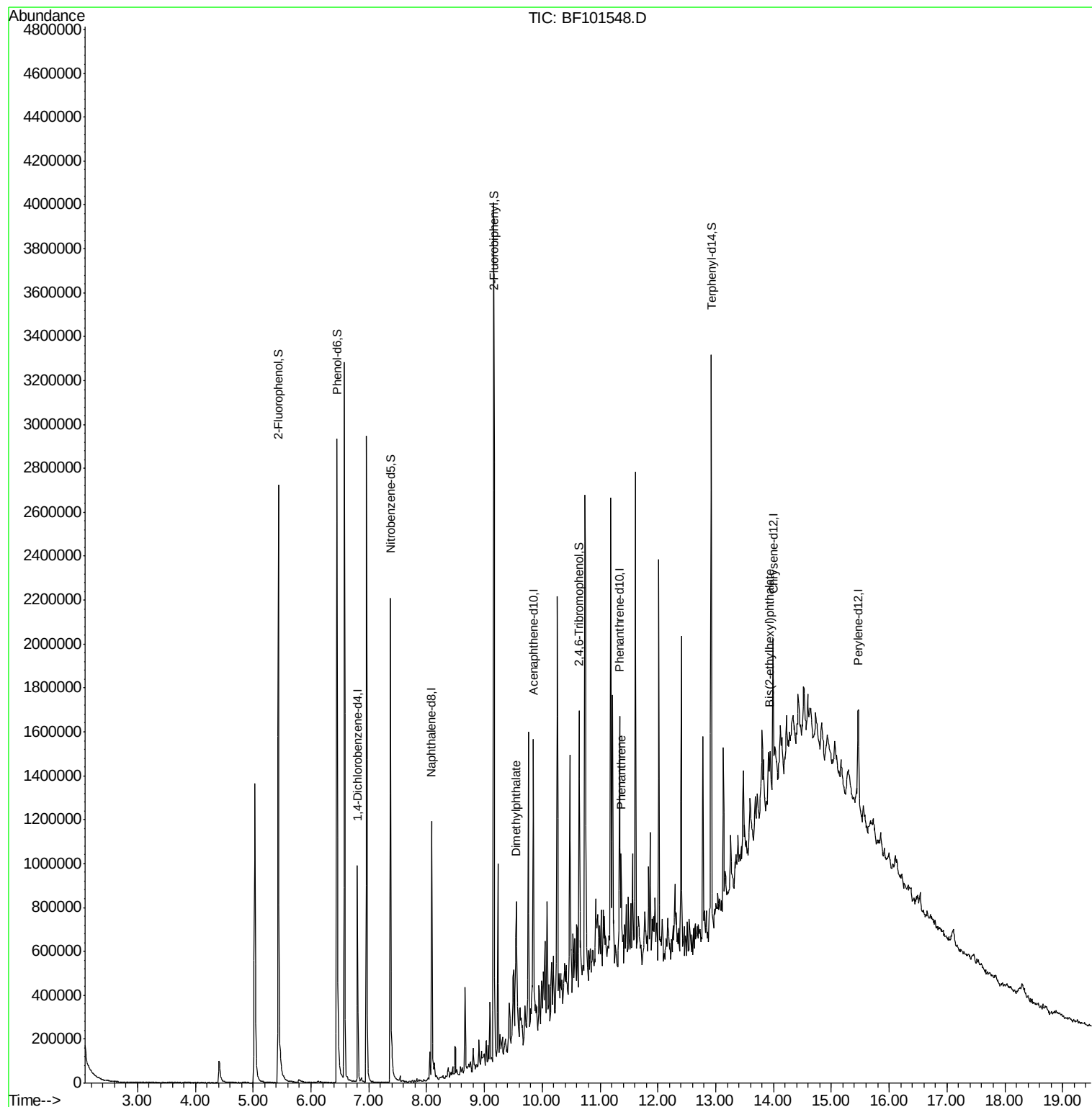
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	154806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	621396	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	260936	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	403591	20.00	ng	0.00
75) Chrysene-d12	13.99	240	283490	20.00	ng	0.00
86) Perylene-d12	15.47	264	300414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	910662	87.63	ng	0.01
7) Phenol-d6	6.45	99	1238905	95.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	881267	78.95	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	168209	66.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1364217	81.10	ng	0.00
78) Terphenyl-d14	12.92	244	954846	81.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	47366	2.257	ng	99
70) Phenanthrene	11.36	178	128364	5.719	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	40006	3.281	ng	100

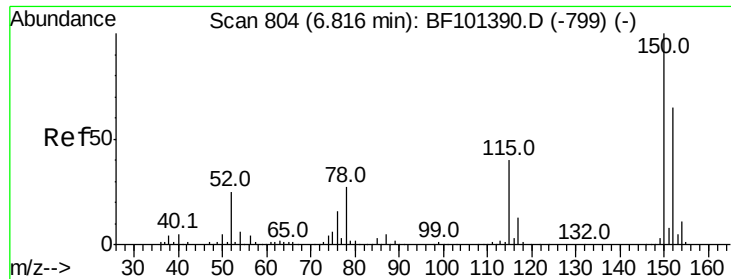
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101548.D
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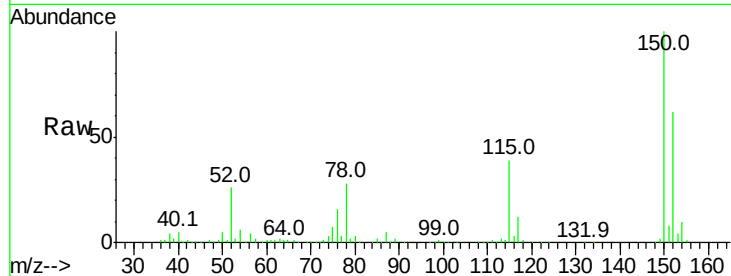


#1

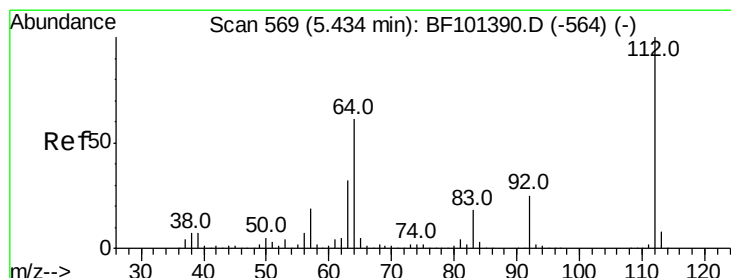
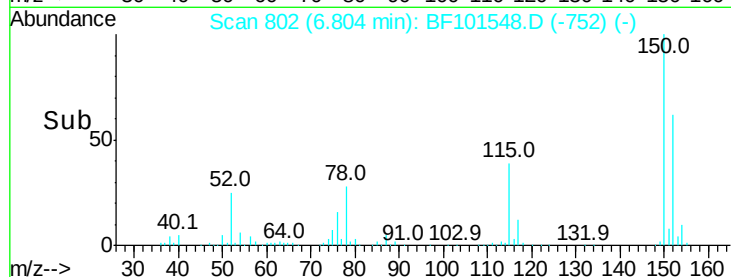
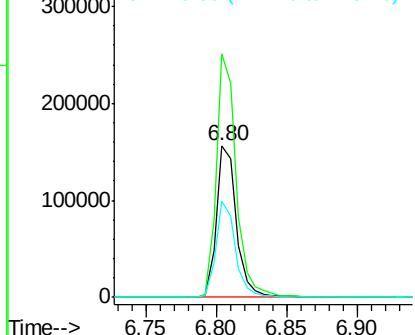
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Instrument :
BNA_F
ClientSampleId :
DOCK-3

Tot Ion:152 Resp: 154806
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 63.1 50.1 75.1



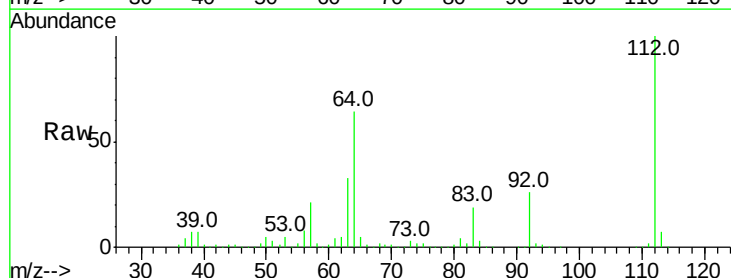
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



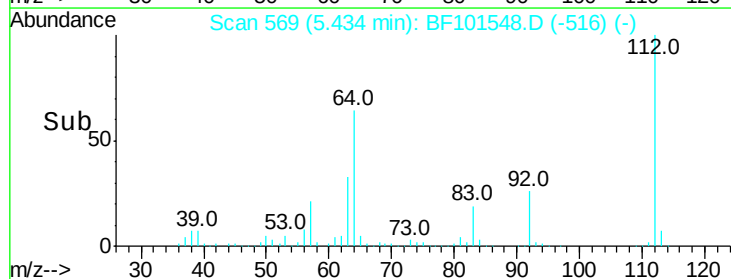
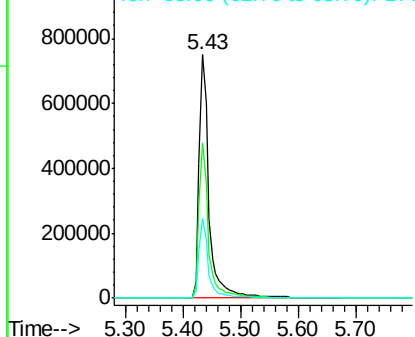
#5

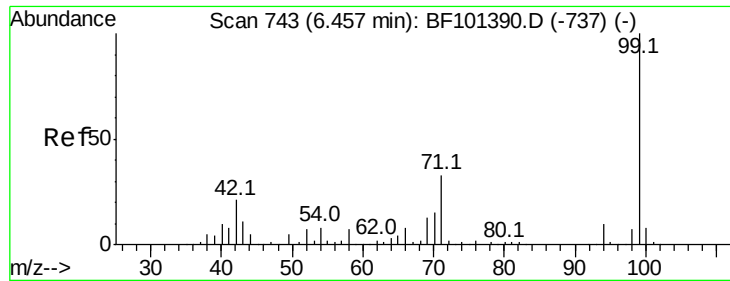
2-Fluorophenol
Concen: 87.626 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Tgt Ion:112 Resp: 910662
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.787 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampled :

DOCK-3

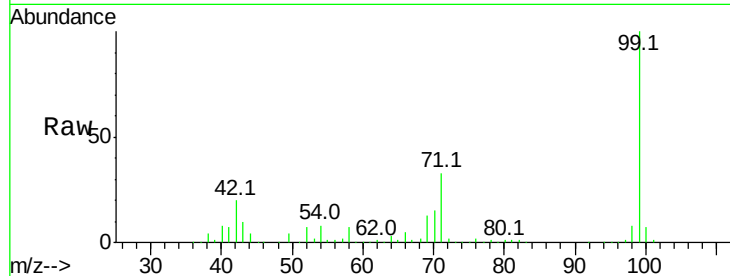
Tot Ion: 99 Resp: 1238905

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

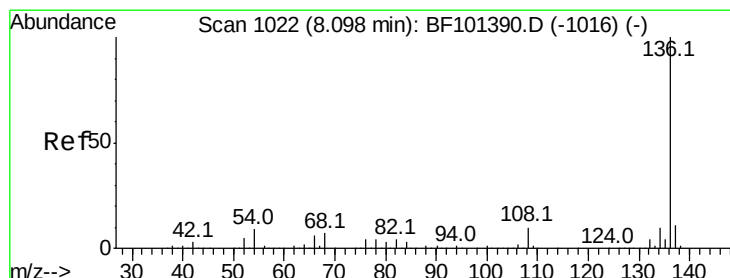
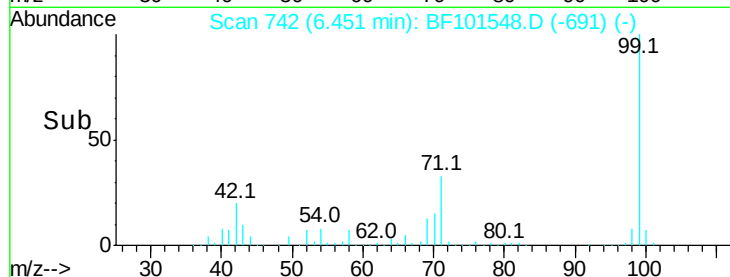
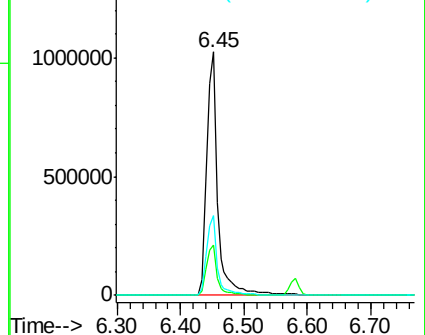
71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Tgt Ion: 136 Resp: 621396

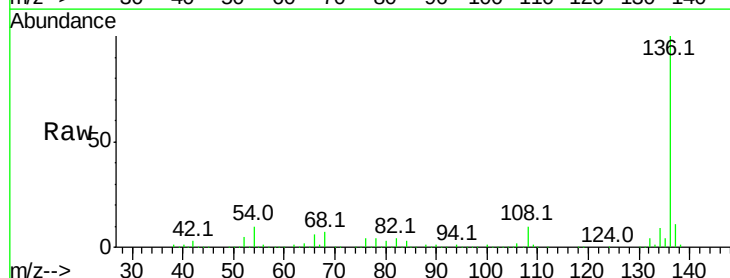
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.5 6.6 9.8

68 7.1 5.0 7.4

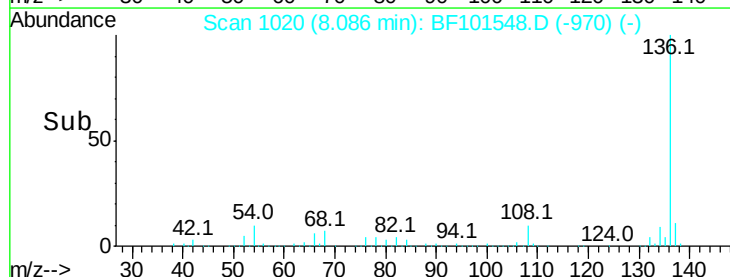
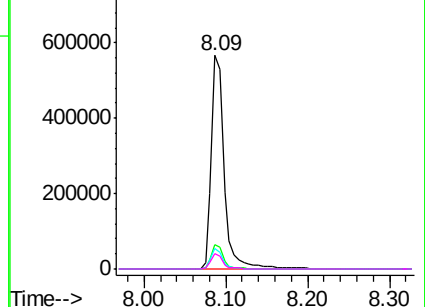


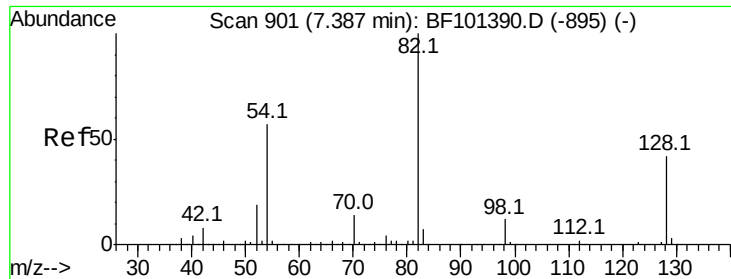
Abundance Ion 136.00 (135.70 to 136.70): E

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

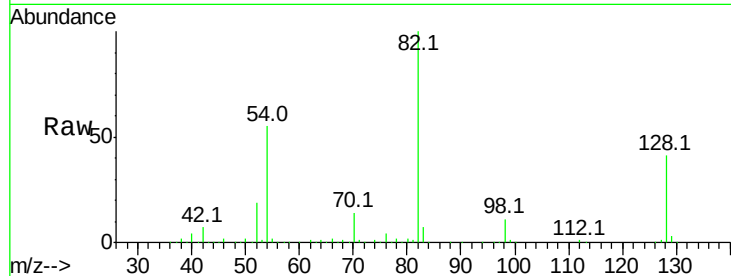




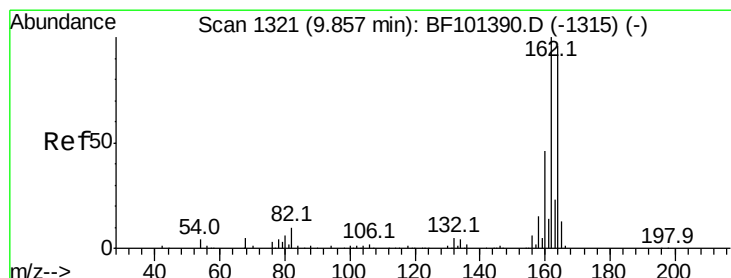
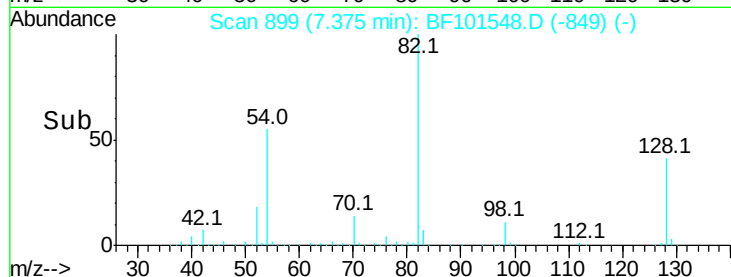
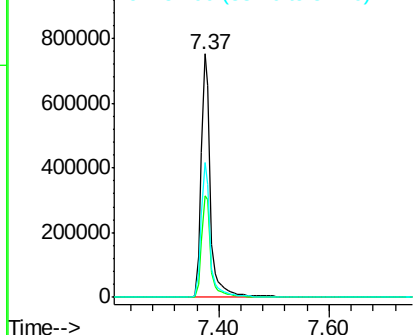
#23
Nitrobenzene-d5
Concen: 78.946 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Instrument :
BNA_F
ClientSampleId :
DOCK-3

Tot Ion: 82 Resp: 881267
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 55.3 41.4 62.2

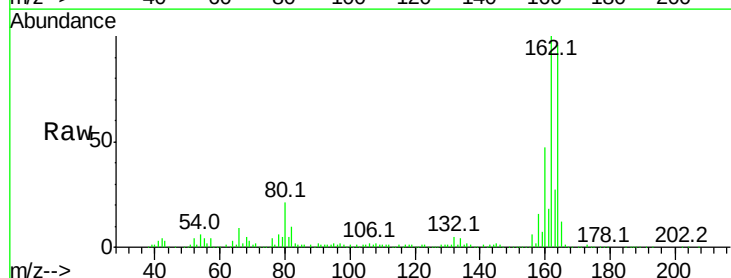


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

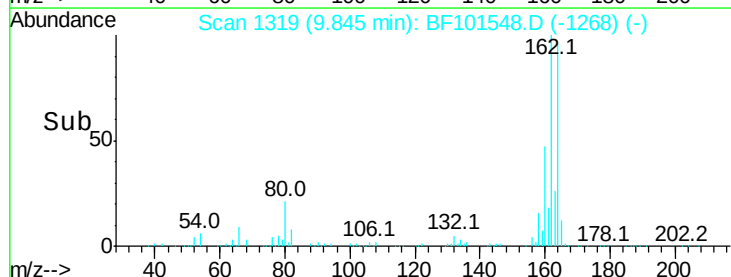
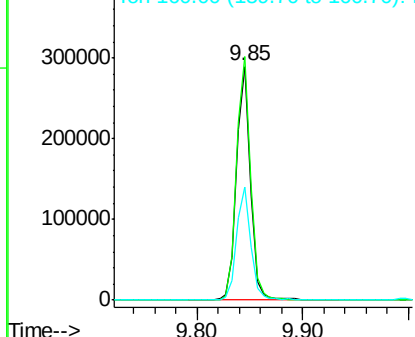


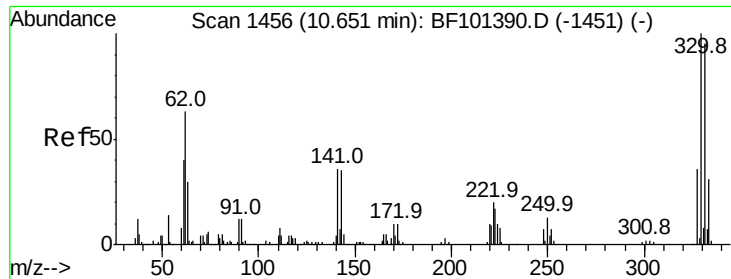
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Tgt Ion: 164 Resp: 260936
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 48.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

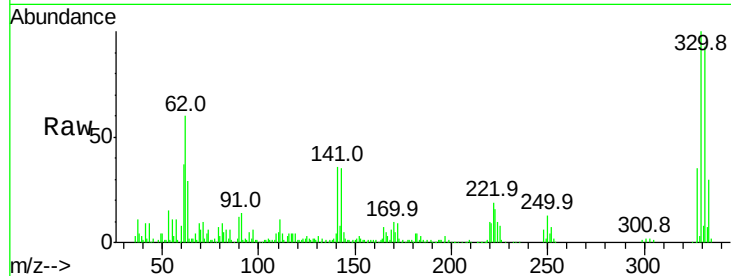




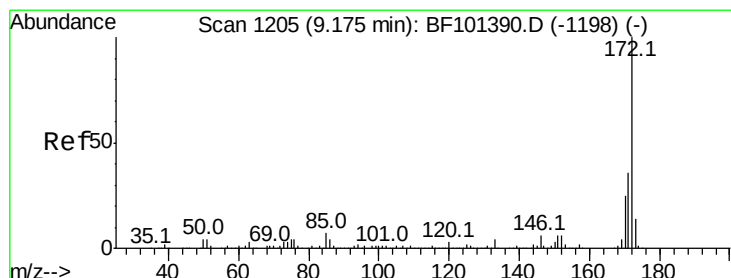
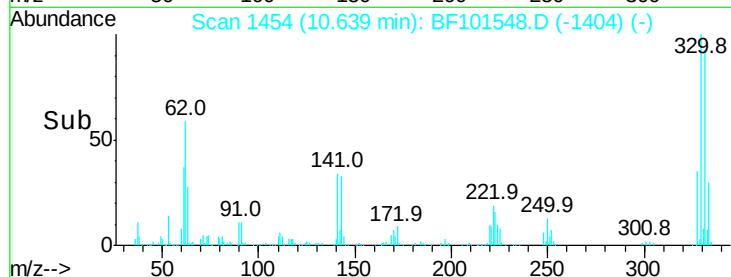
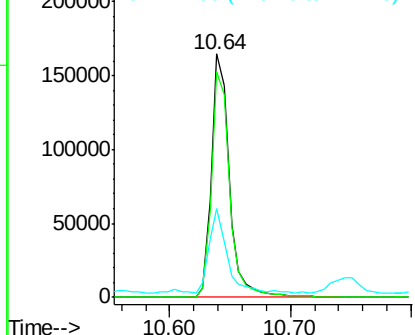
#41
 2,4,6-Tribromophenol
 Concen: 66.900 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DOCK-3

Tot Ion:330 Resp: 168209
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 32.8 29.9 44.9

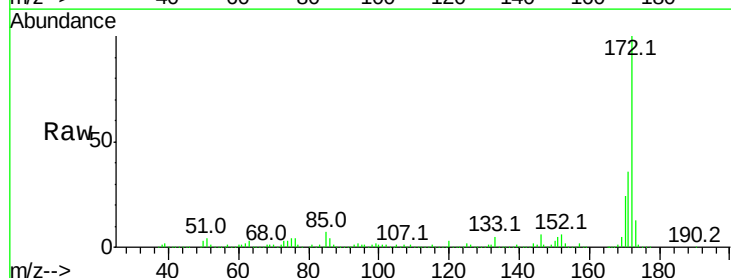


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

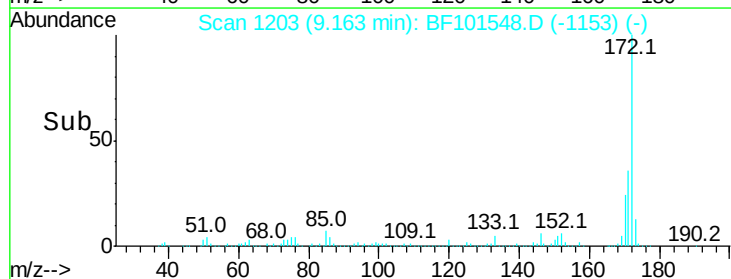
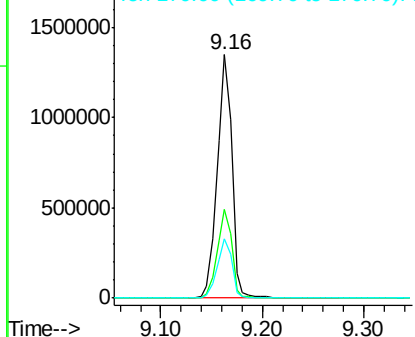


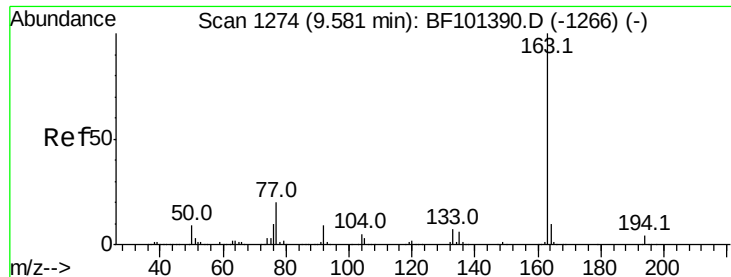
#44
 2-Fluorobiphenyl
 Concen: 81.101 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101548.D
 Acq: 20 Dec 2017 4:03

Tgt Ion:172 Resp: 1364217
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 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

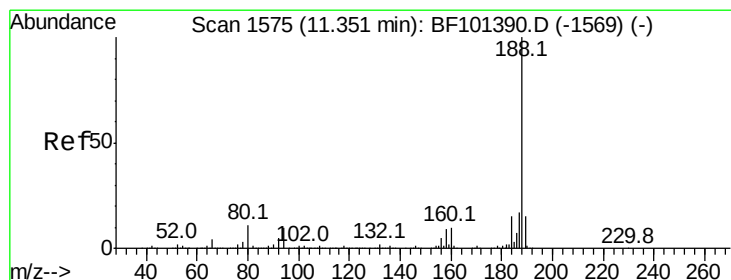
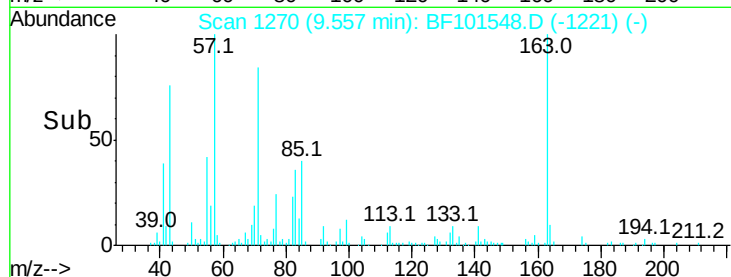
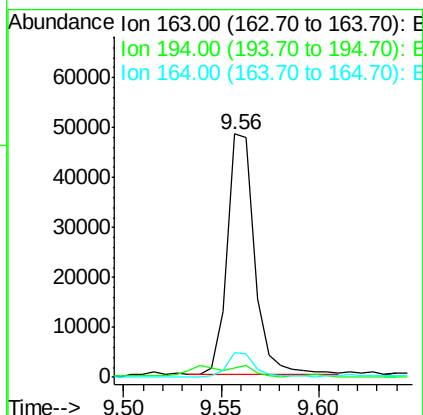
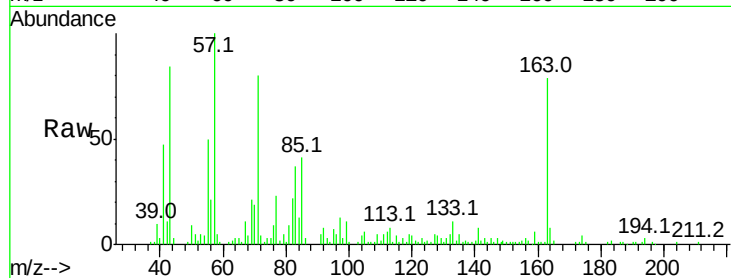




#49
Dimethylphthalate
Concen: 2.257 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

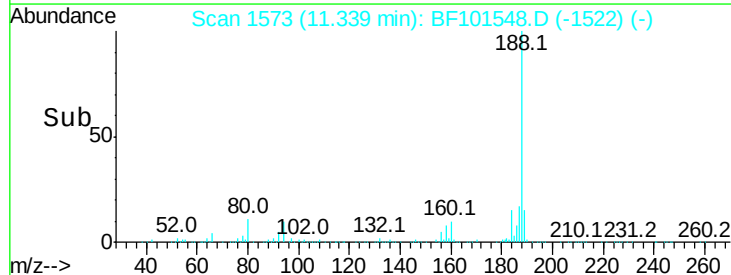
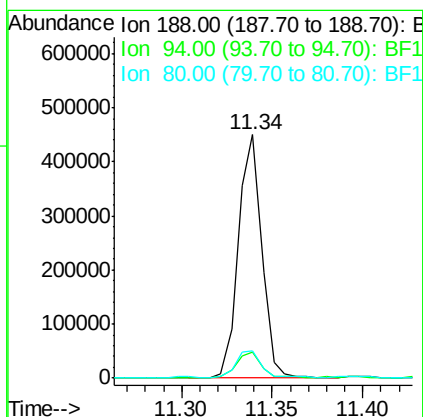
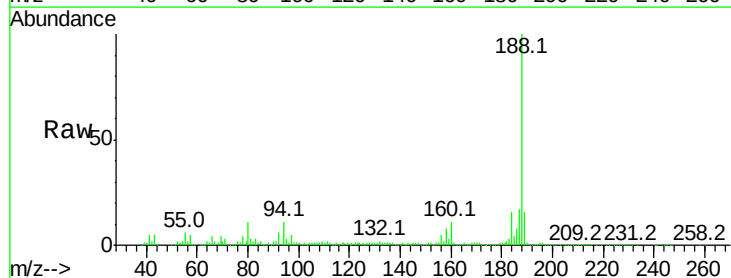
Instrument :
BNA_F
ClientSampleId :
DOCK-3

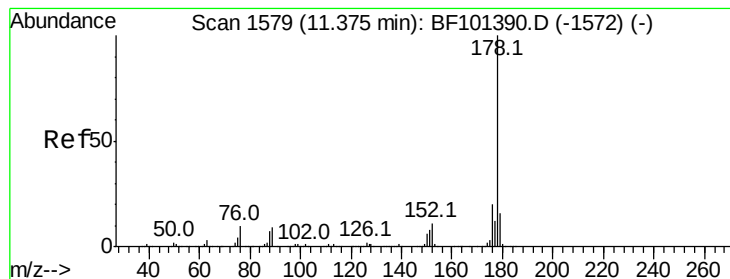
Tot Ion:163 Resp: 47366
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Tgt Ion:188 Resp: 403591
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8





#70

Phenanthrene

Concen: 5.719 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

DOCK-3

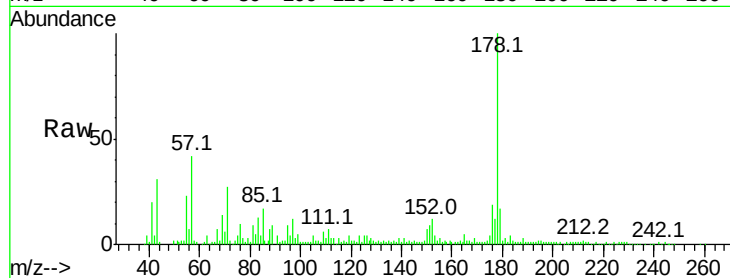
Tot Ion:178 Resp: 128364

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

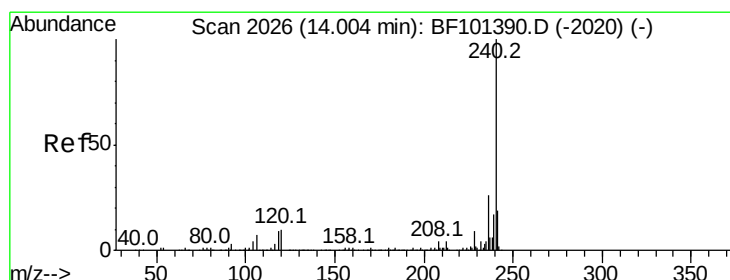
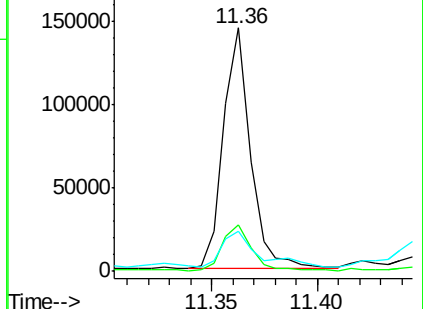
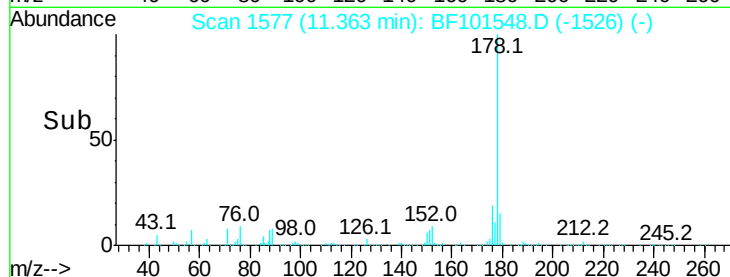
179 16.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

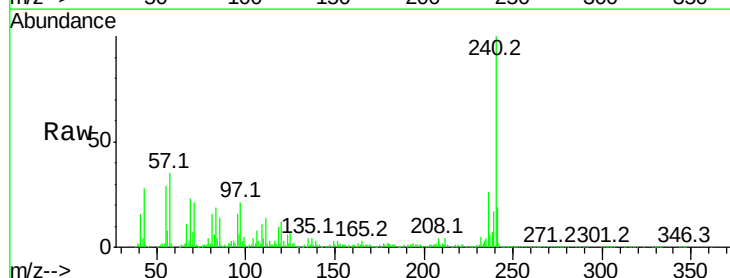
Tgt Ion:240 Resp: 283490

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

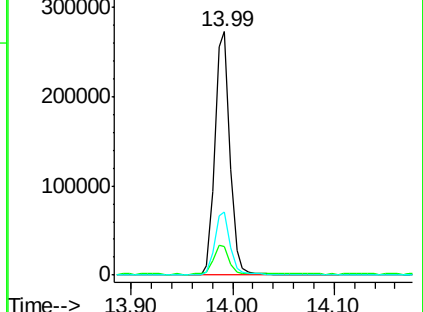
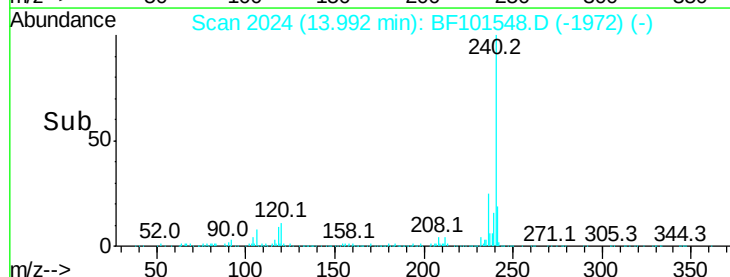
236 25.8 20.7 31.1

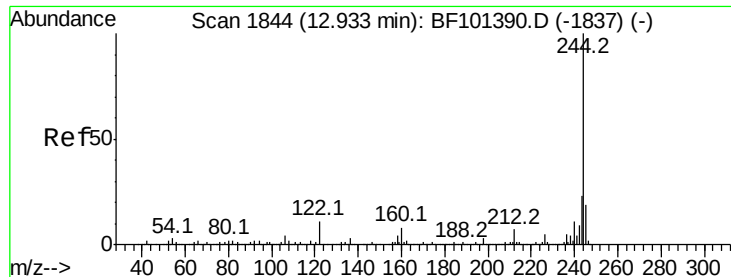


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.199 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

Instrument :

BNA_F

ClientSampleId :

DOCK-3

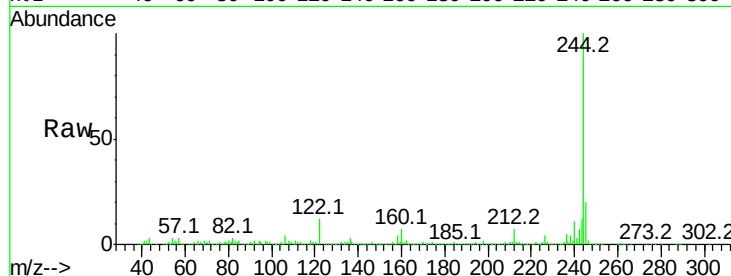
Tot Ion:244 Resp: 954846

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

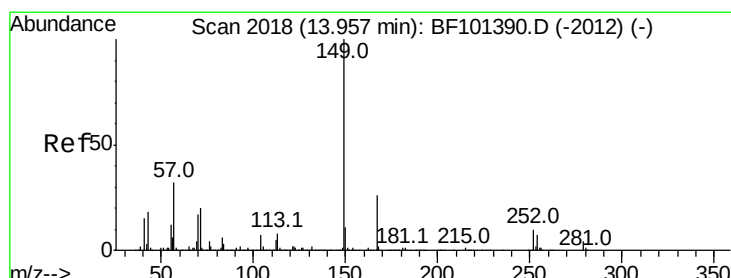
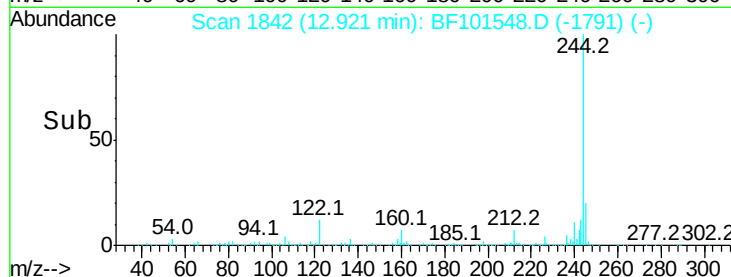
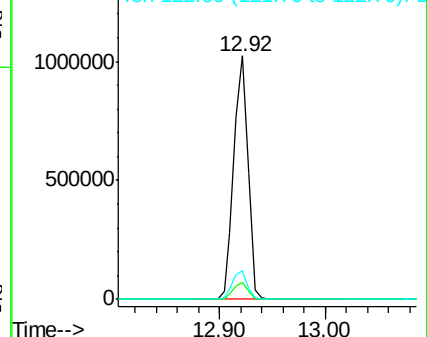
122 11.7 11.0 16.4



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: 3.281 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF101548.D

Acq: 20 Dec 2017 4:03

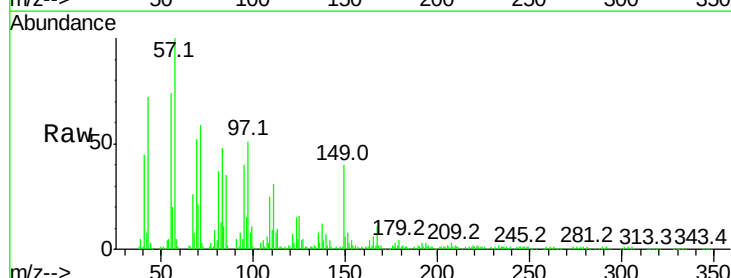
Tgt Ion:149 Resp: 40006

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

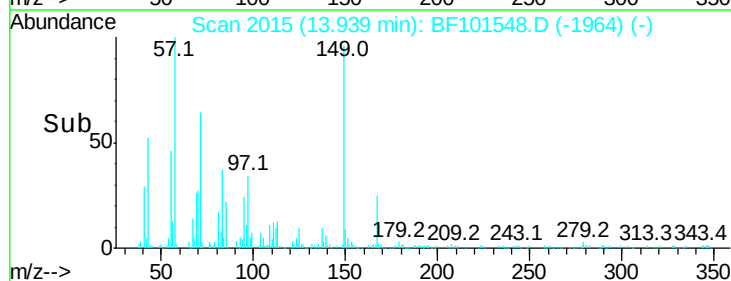
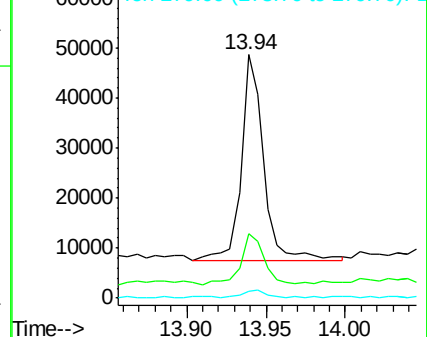
279 3.0 3.0 4.4

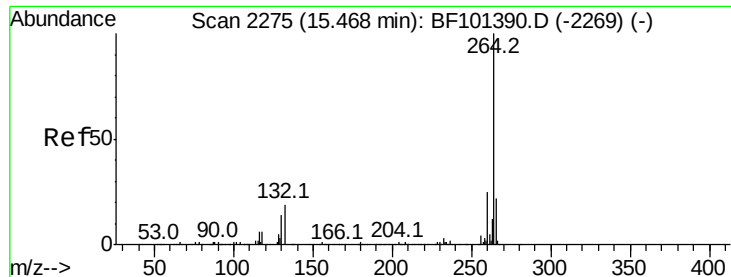


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

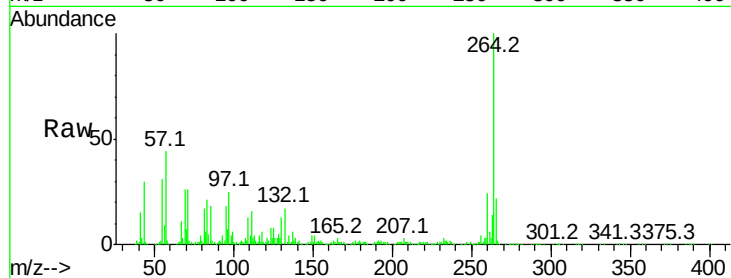




#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF101548.D
Acq: 20 Dec 2017 4:03

Instrument :
BNA_F
ClientSampleId :
DOCK-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	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

