

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104700.D
 Acq On : 23 Apr 2018 11:07
 Operator : JU/SJ
 Sample : J2461-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-01

Quant Time: Apr 23 15:51:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

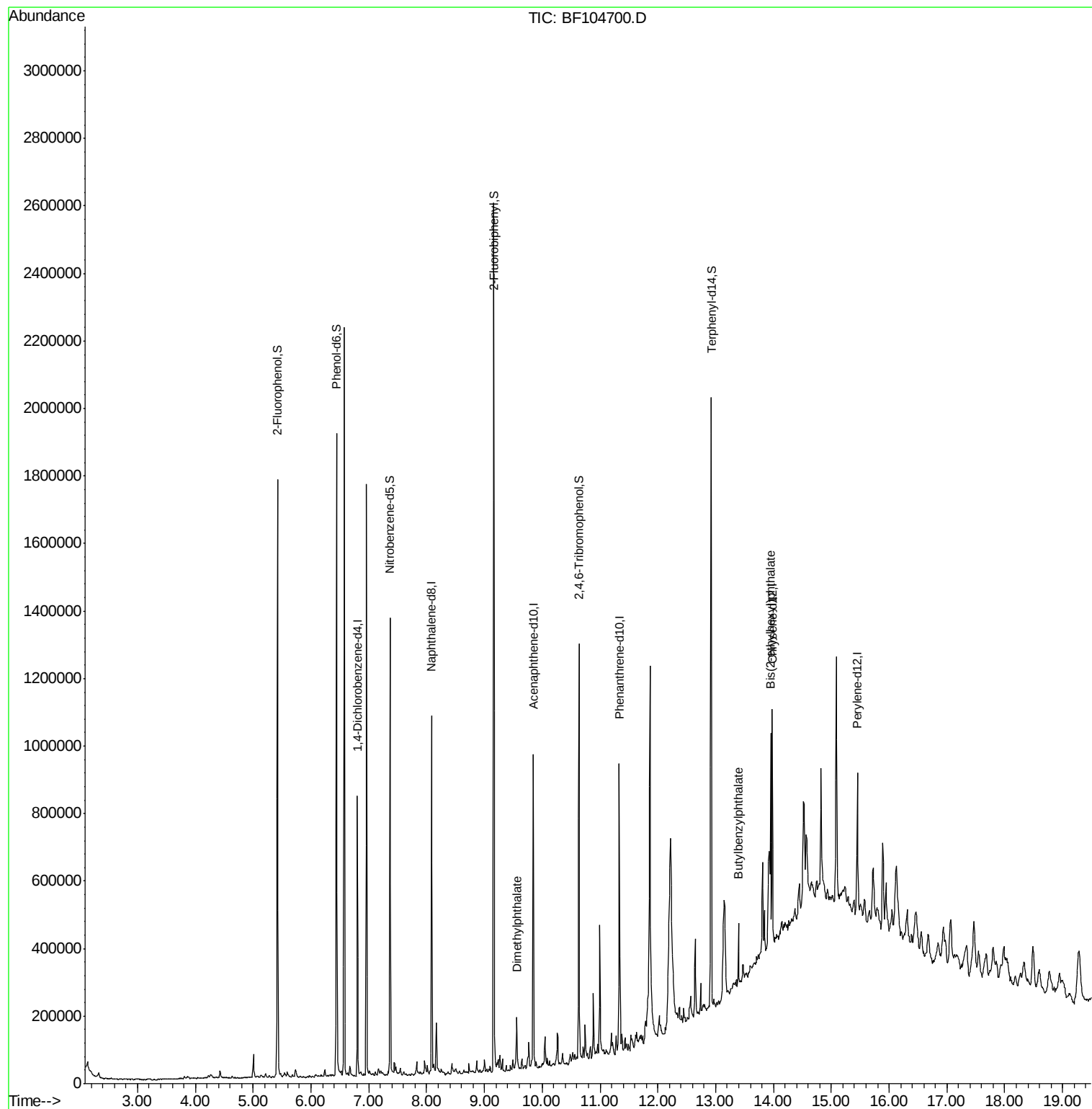
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109361	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	419487	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	176921	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	288884	20.00	ng	0.00
75) Chrysene-d12	13.98	240	237422	20.00	ng	0.00
86) Perylene-d12	15.45	264	172658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	567927	79.41	ng	0.00
7) Phenol-d6	6.45	99	663640	75.52	ng	0.00
23) Nitrobenzene-d5	7.37	82	408505	63.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	144240	78.59	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	744288	66.46	ng	0.00
78) Terphenyl-d14	12.92	244	627194	60.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	51751	3.709	ng	98
79) Butylbenzylphthalate	13.39	149	37494	4.522	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	171287	16.062	ng	99

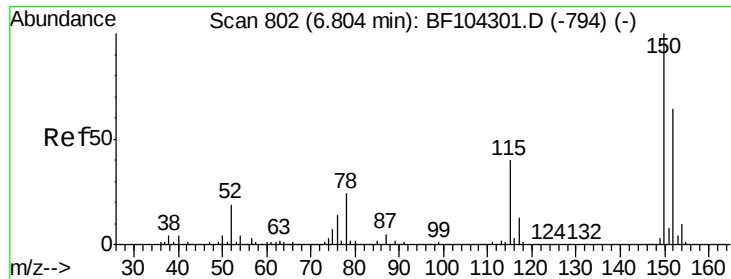
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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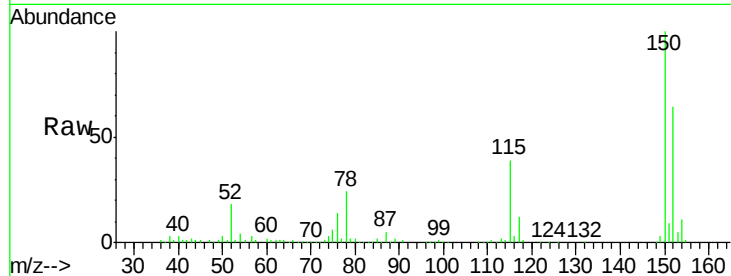


#1

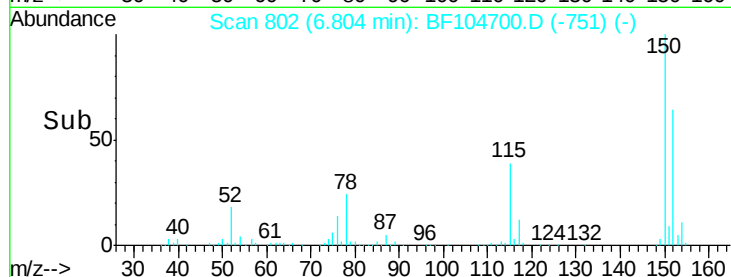
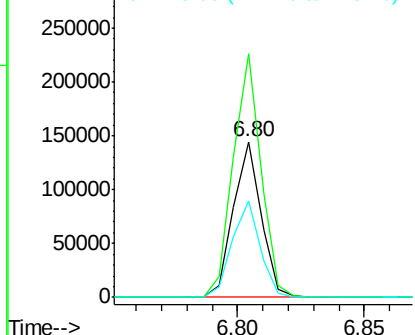
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion:152 Resp: 109361
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 61.7 50.1 75.1



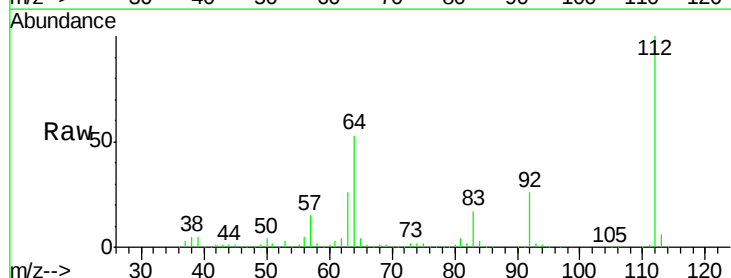
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



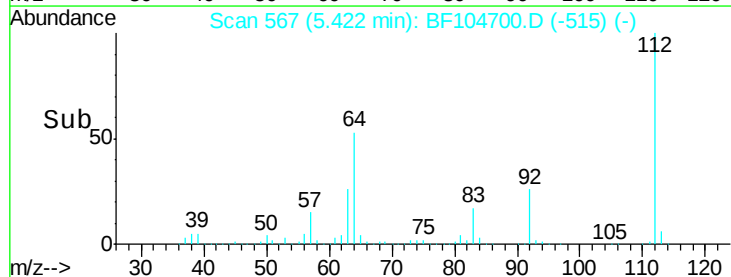
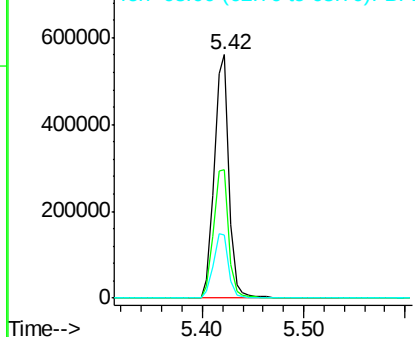
#5

2-Fluorophenol
Concen: 79.406 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:112 Resp: 567927
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.0 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: 75.519 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

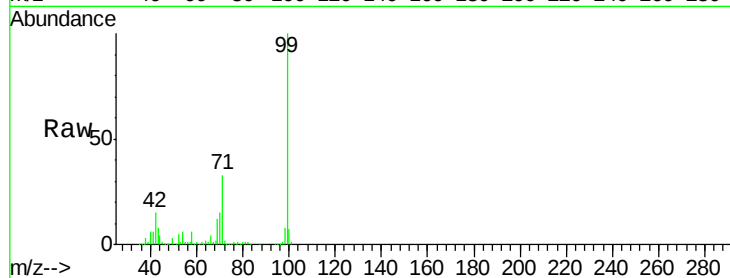
Tot Ion: 99 Resp: 663640

Ion Ratio Lower Upper

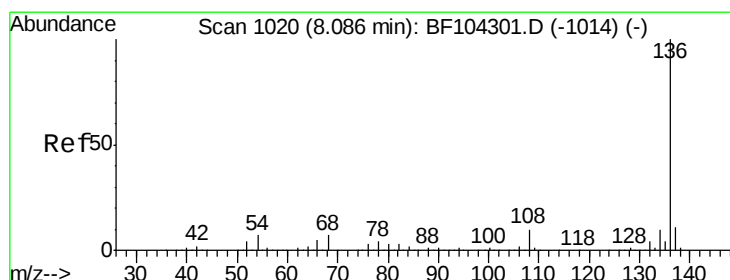
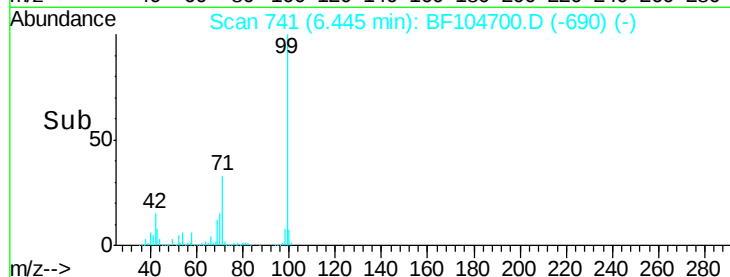
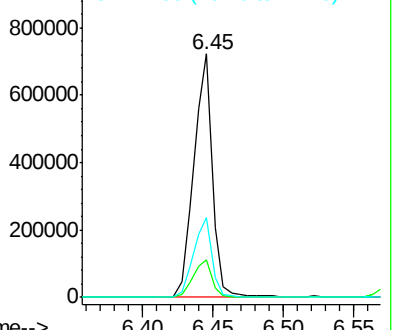
99 100

42 15.3 14.5 21.7

71 32.7 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: BF104700.D

Acq: 23 Apr 2018 11:07

Tgt Ion: 136 Resp: 419487

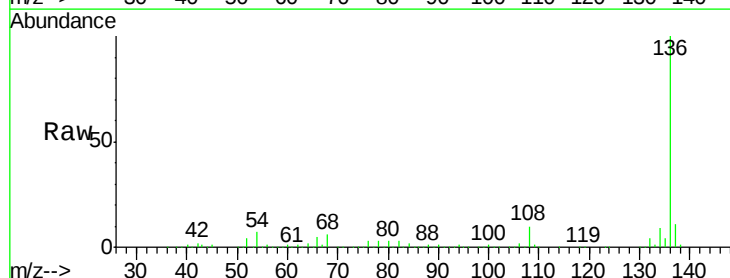
Ion Ratio Lower Upper

136 100

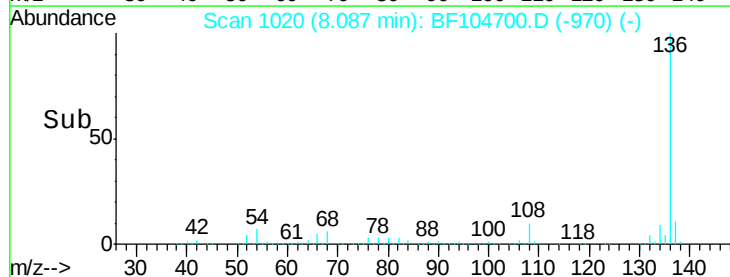
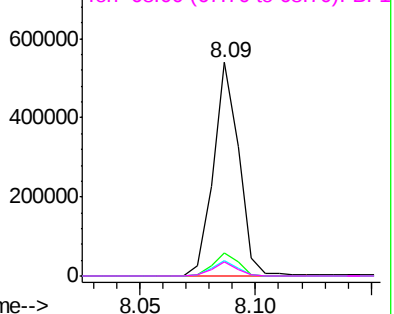
137 11.1 8.9 13.3

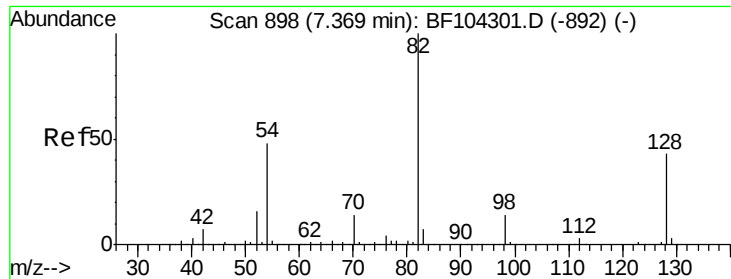
54 7.0 6.6 9.8

68 6.3 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

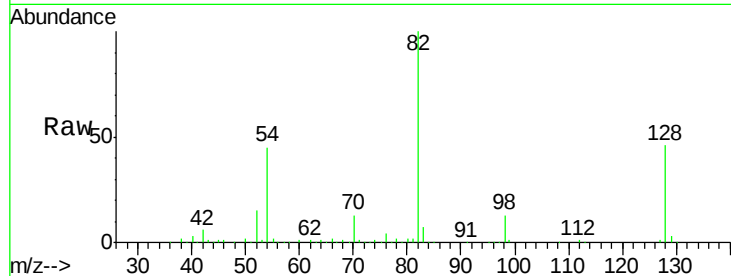




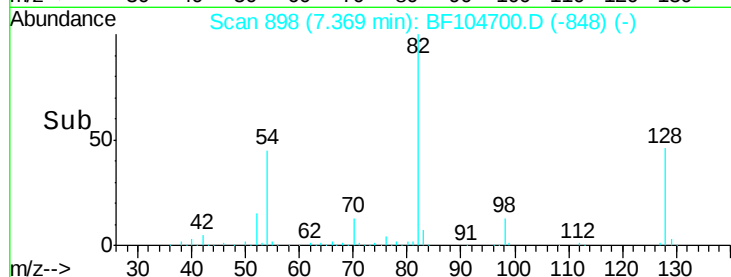
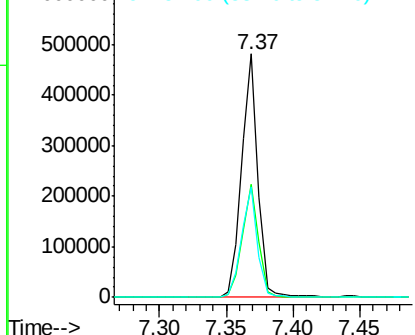
#23
Nitrobenzene-d5
Concen: 63.589 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion: 82 Resp: 408505
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 45.3 41.4 62.2

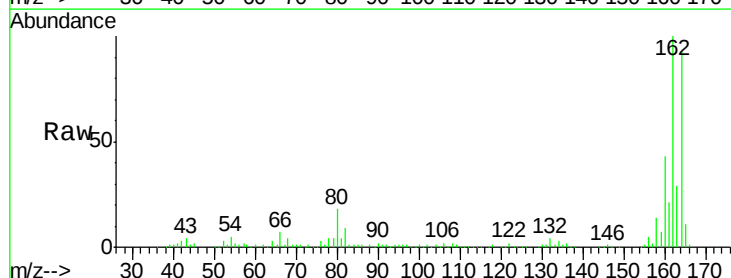


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

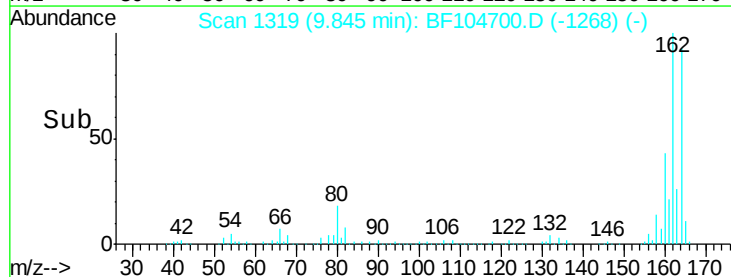
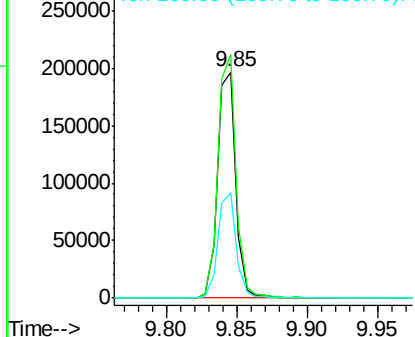


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion: 164 Resp: 176921
Ion Ratio Lower Upper
164 100
162 107.7 86.1 129.1
160 46.3 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: 78.594 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

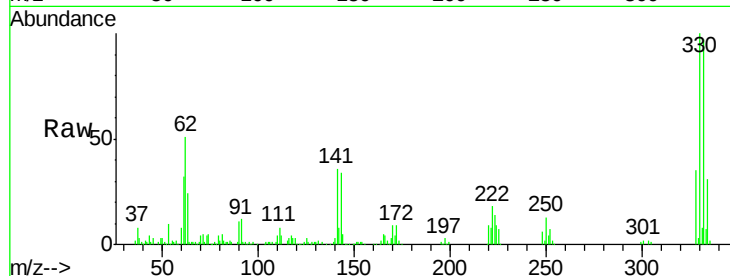
Tot Ion:330 Resp: 144240

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

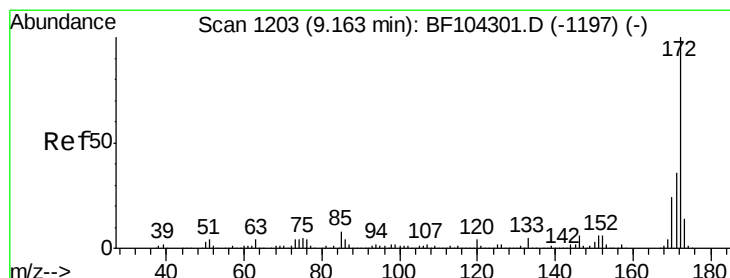
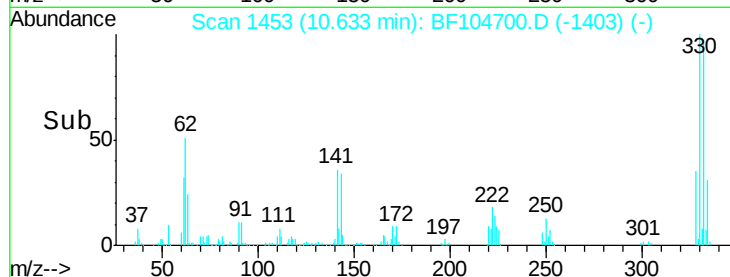
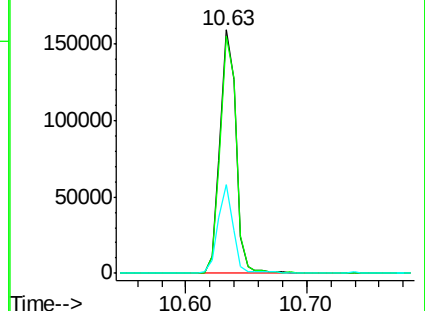
141 34.7 29.9 44.9



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: 66.458 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

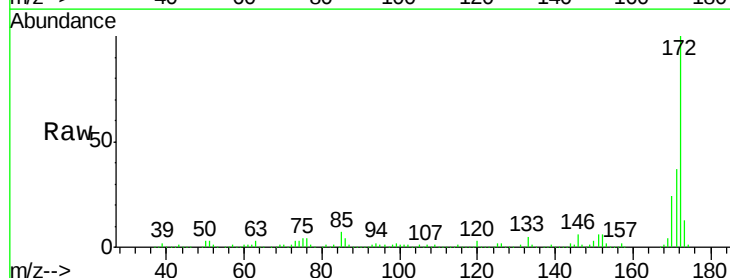
Tgt Ion:172 Resp: 744288

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

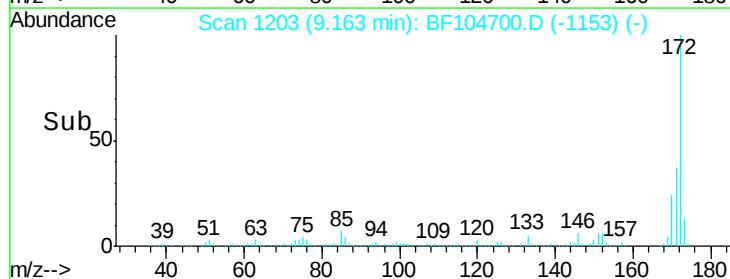
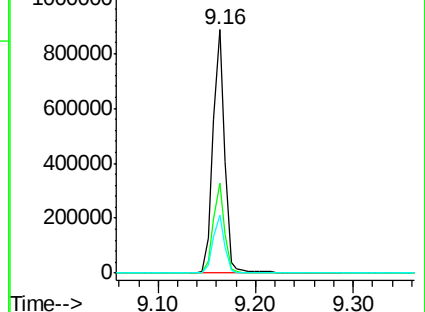
170 23.8 19.6 29.4

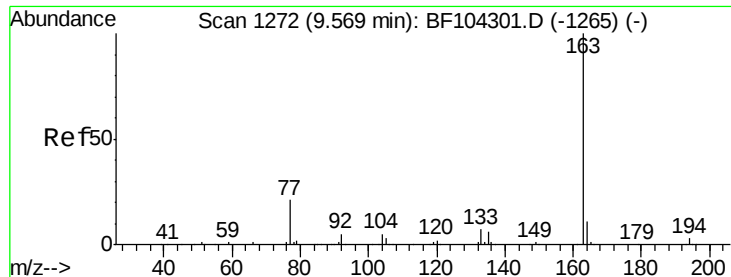


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

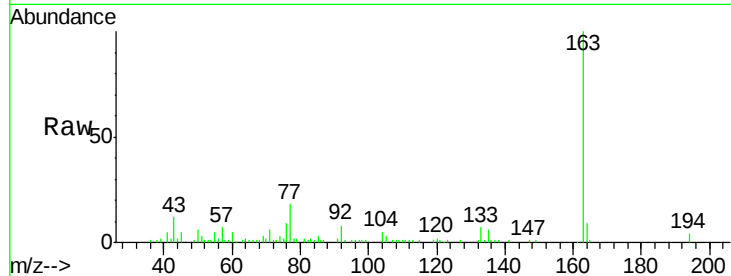




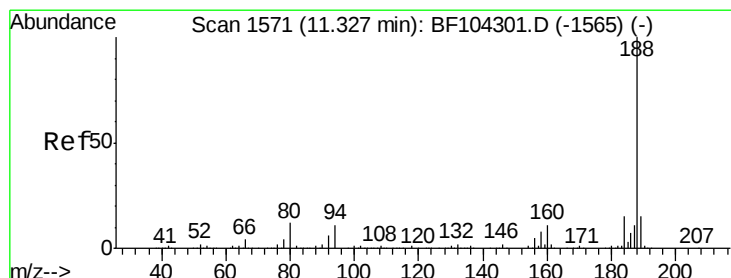
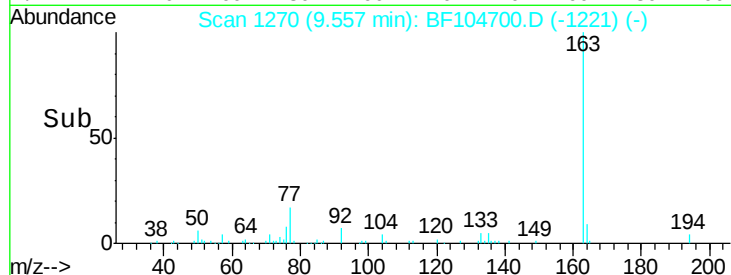
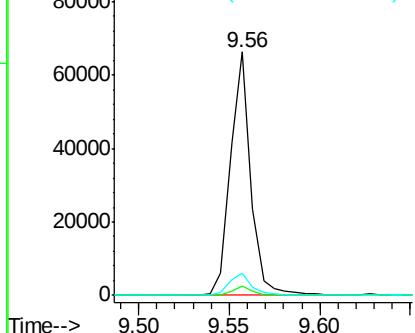
#49
Dimethylphthalate
Concen: 3.709 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion:163 Resp: 51751
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.3 8.2 12.2

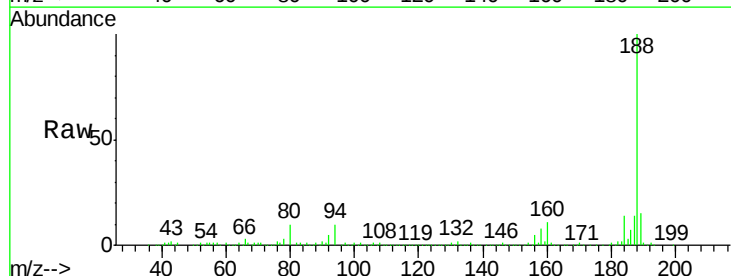


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

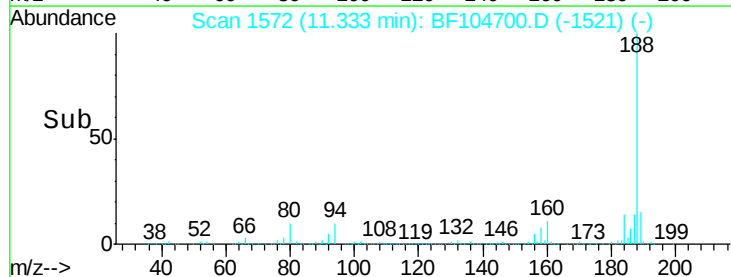
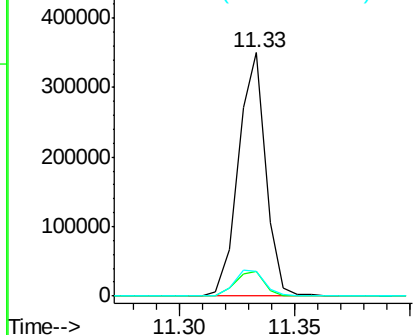


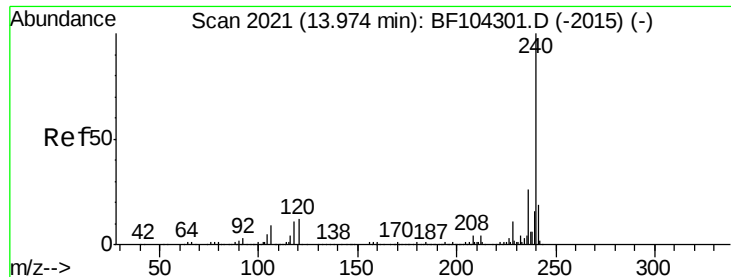
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:188 Resp: 288884
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.0 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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-01

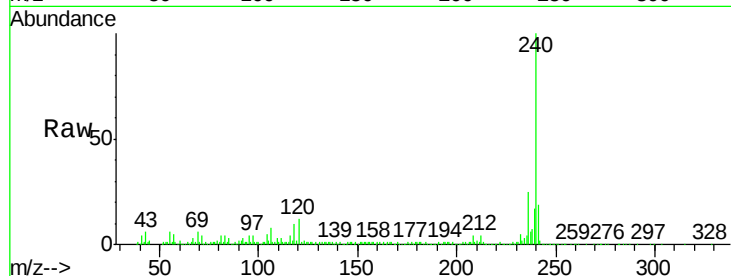
Tot Ion:240 Resp: 237422

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

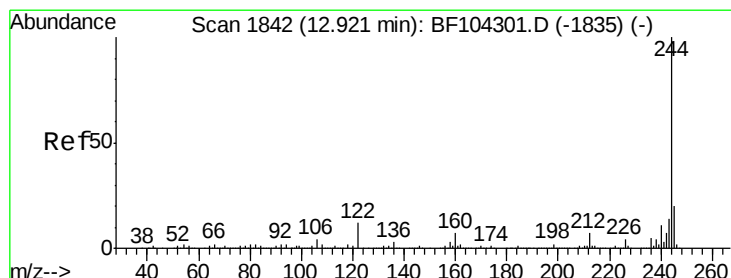
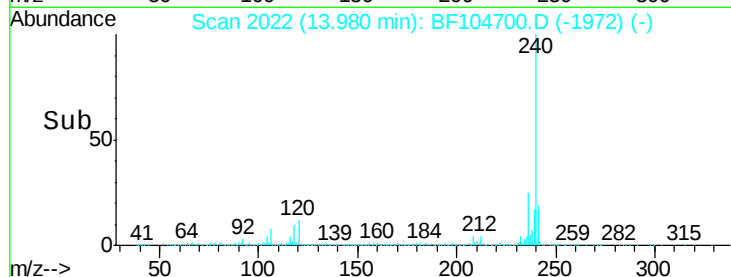
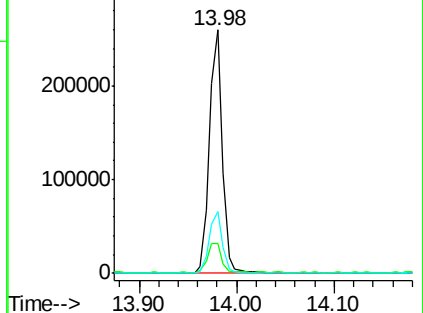
236 25.4 20.7 31.1



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: 60.226 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104700.D

Acq: 23 Apr 2018 11:07

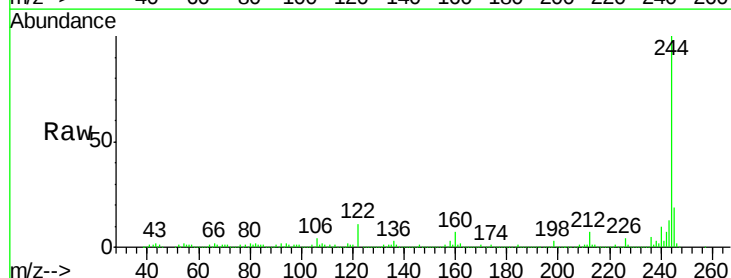
Tgt Ion:244 Resp: 627194

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

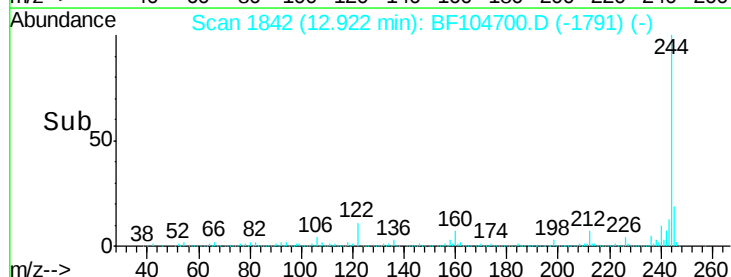
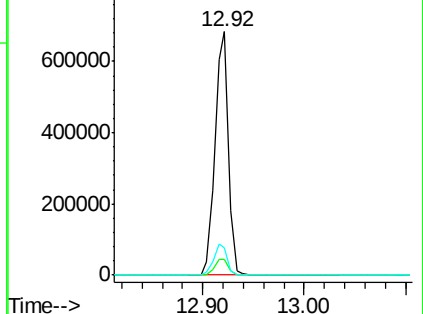
122 11.0 11.0 16.4

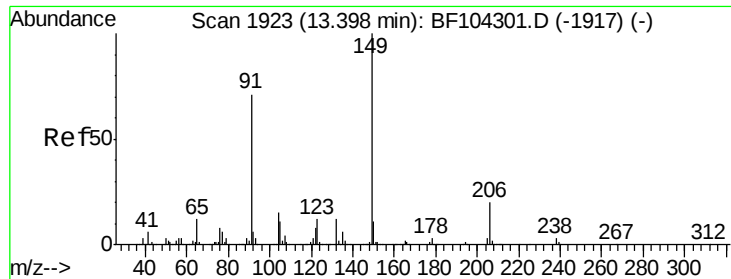


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

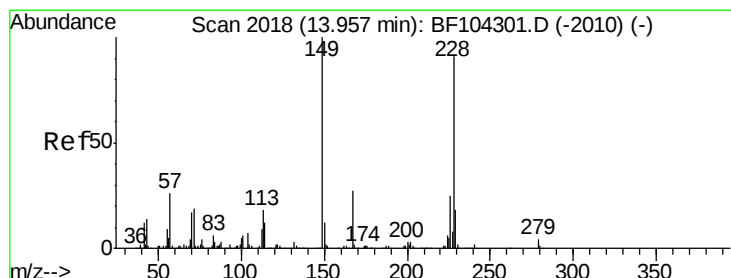
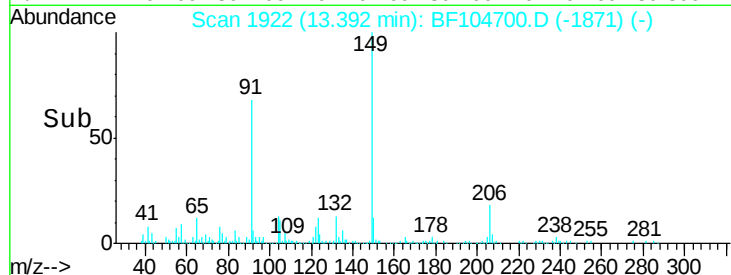
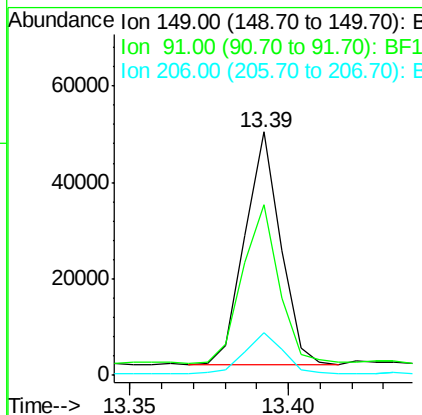
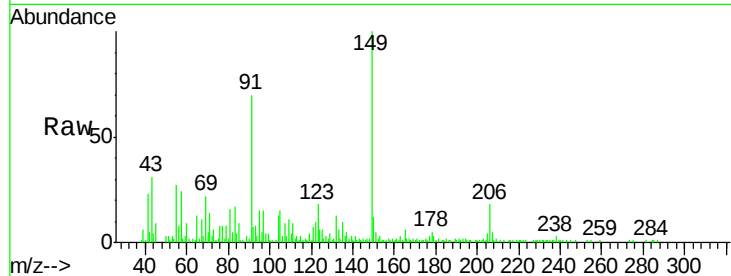




#79
Butylbenzylphthalate
Concen: 4.522 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

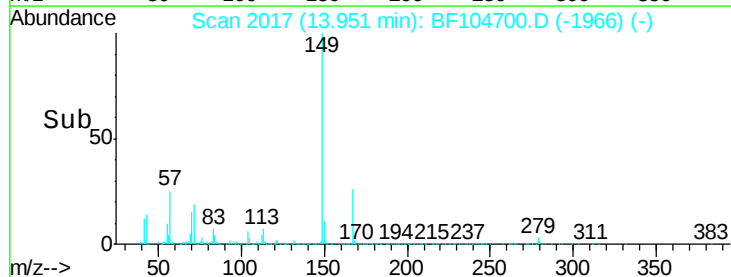
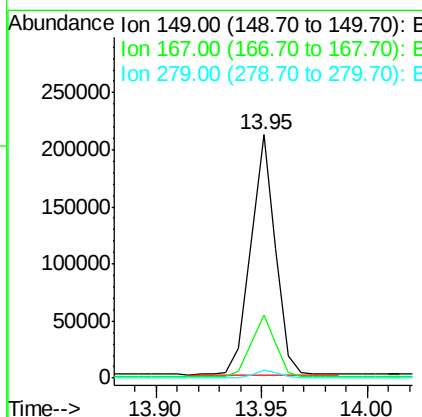
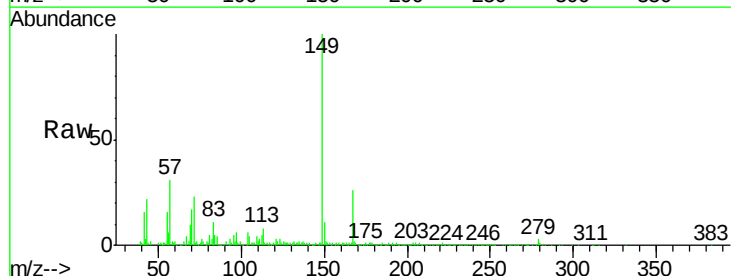
Instrument :
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N-P001-S002-0001-01

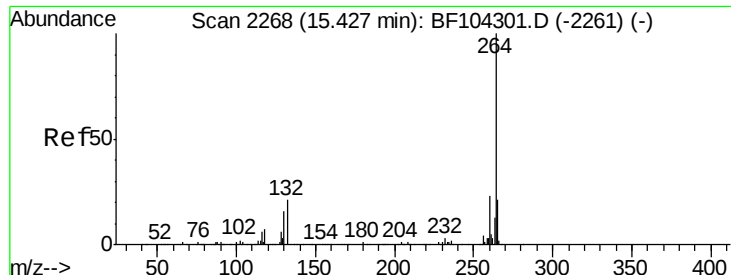
Tot Ion:149 Resp: 37494
Ion Ratio Lower Upper
149 100
91 70.0 56.8 85.2
206 17.5 14.1 21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 16.062 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Tgt Ion:149 Resp: 171287
Ion Ratio Lower Upper
149 100
167 25.9 21.3 31.9
279 3.4 3.0 4.4

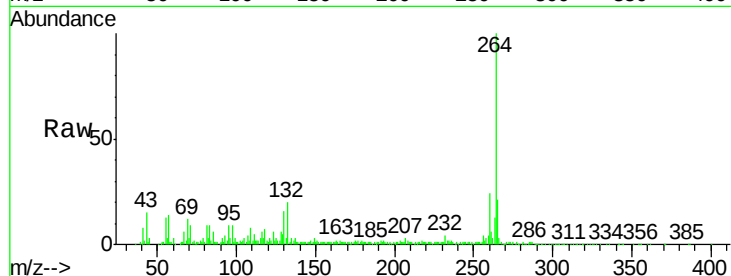




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF104700.D
Acq: 23 Apr 2018 11:07

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	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

