

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104929.D
 Acq On : 30 Apr 2018 13:41
 Operator : JU/SJ
 Sample : J2522-03DL 100X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:21:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

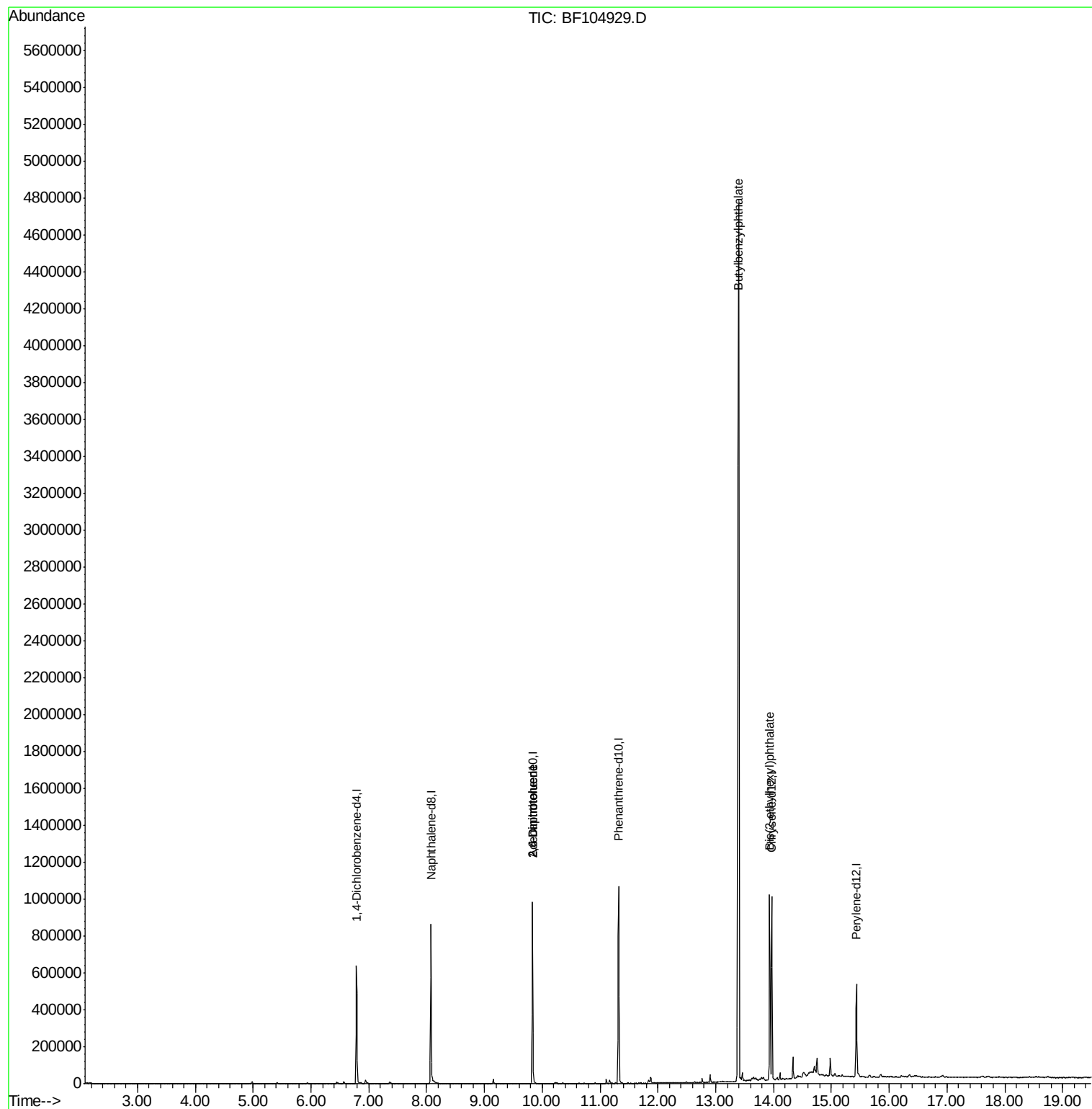
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102025	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	435674	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	206924	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	399805	20.00	ng	0.00
75) Chrysene-d12	13.97	240	321666	20.00	ng	0.00
86) Perylene-d12	15.43	264	229823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	3491	0.52	ng	0.00
7) Phenol-d6	6.45	99	7051	0.86	ng	0.00
23) Nitrobenzene-d5	7.36	82	4658	0.70	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	11649	0.89	ng	0.00
78) Terphenyl-d14	12.90	244	14646	1.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	372	Below Cal		Qvalue # 38
50) 2,6-Dinitrotoluene	9.83	165	26218	8.683	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	26218	6.620	ng	# 23
79) Butylbenzylphthalate	13.40	149	1887688	168.052	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	274145	18.974	ng	# 98

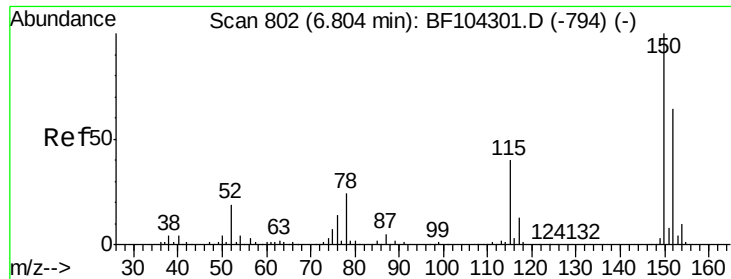
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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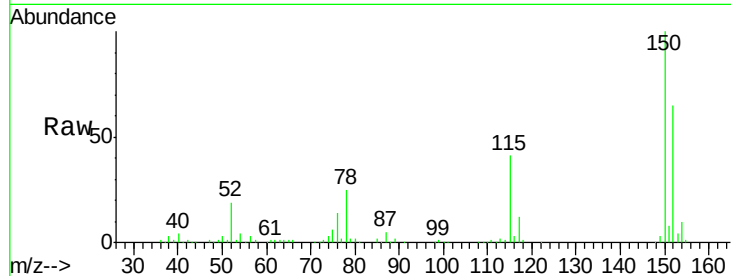


#1

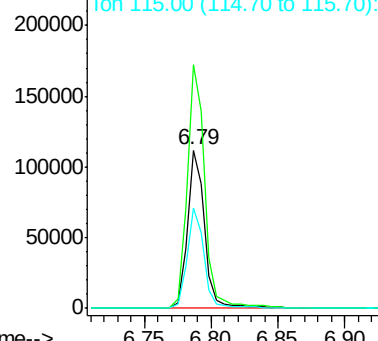
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104929.D
Acq: 30 Apr 2018 13:41

Instrument :
BNA_F
ClientSampleId :

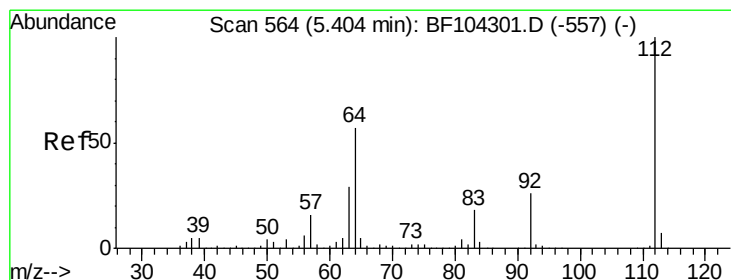
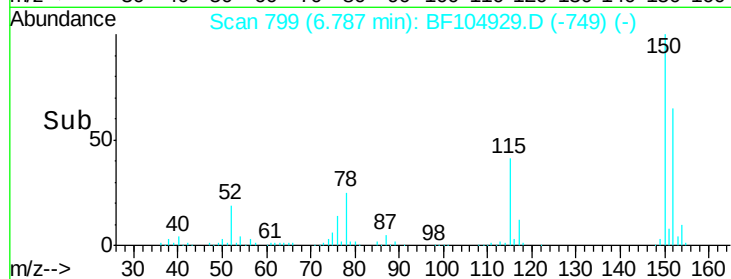
Tot Ion:152 Resp: 102025
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 63.1 50.1 75.1



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



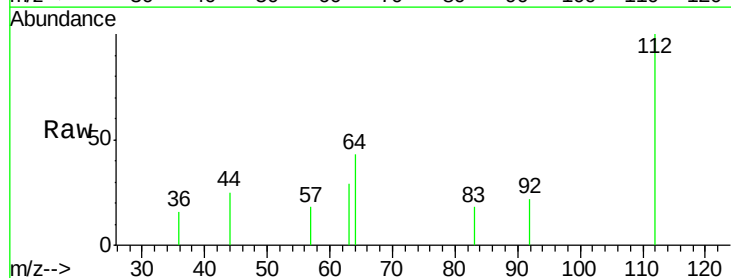
Time-->



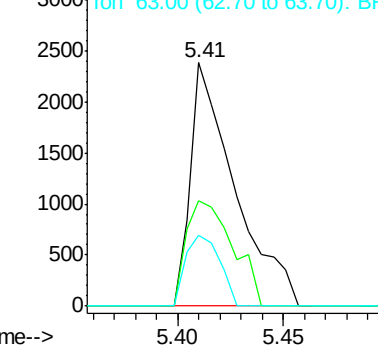
#5

2-Fluorophenol
Concen: 0.523 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104929.D
Acq: 30 Apr 2018 13:41

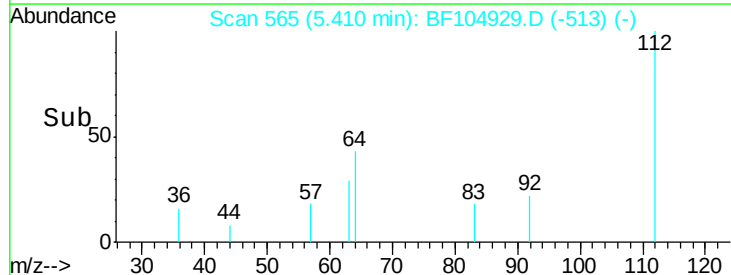
Tgt Ion:112 Resp: 3491
Ion Ratio Lower Upper
112 100
64 43.3 47.9 71.9#
63 29.0 23.7 35.5

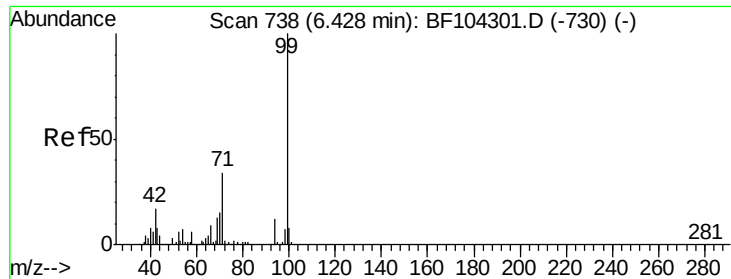


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 0.860 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

Instrument :

BNA_F

ClientSampleId :

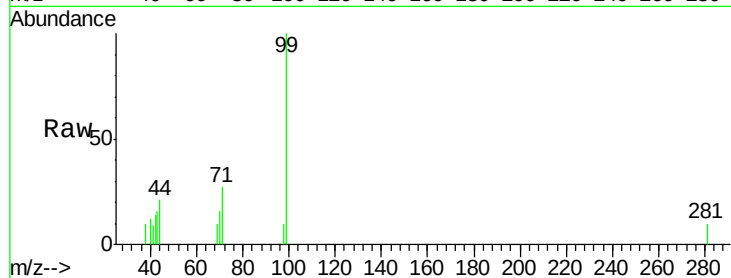
Tot Ion: 99 Resp: 7051

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

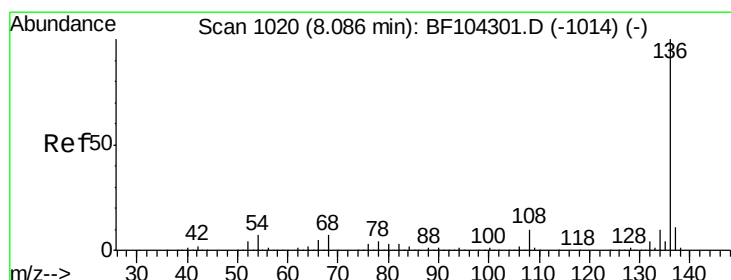
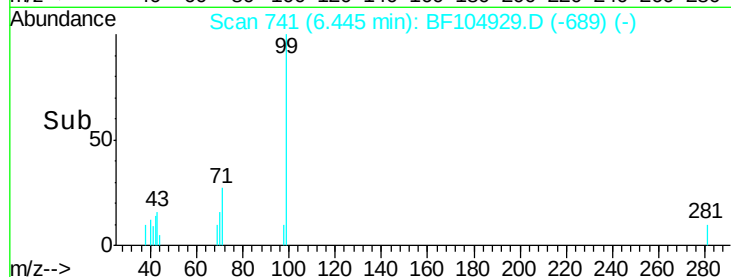
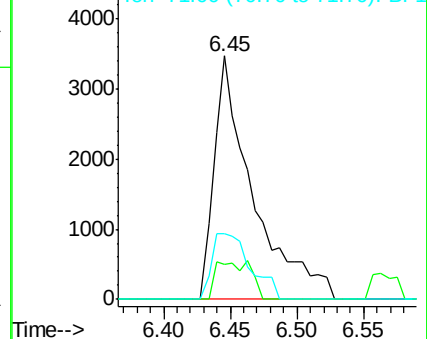
71 27.1 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

Tgt Ion: 136 Resp: 435674

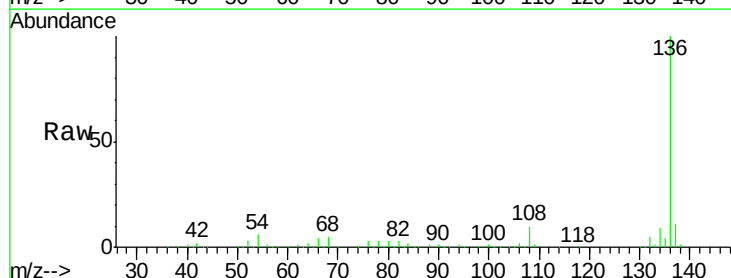
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.9 6.6 9.8#

68 5.4 5.0 7.4

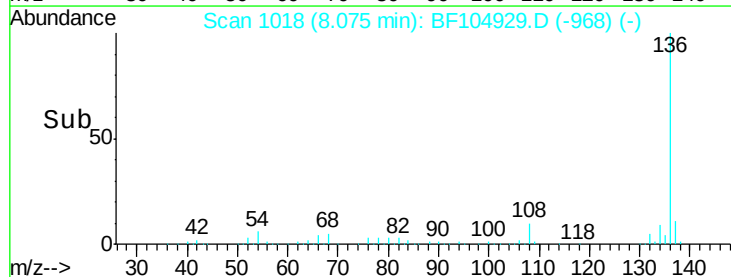
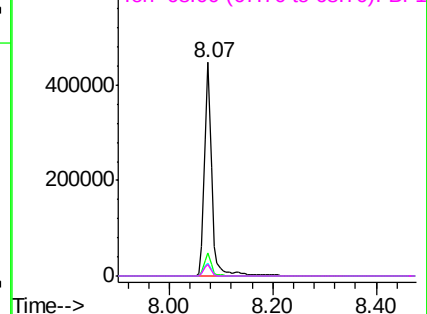


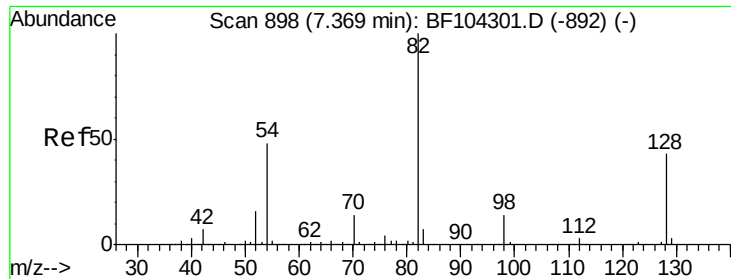
Abundance Ion 136.00 (135.70 to 136.70): E

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

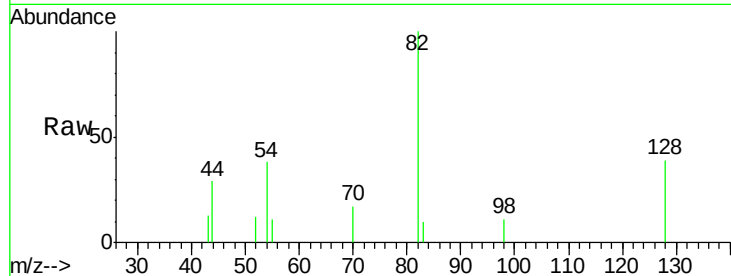




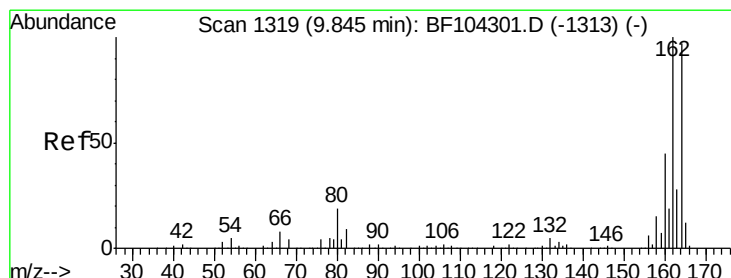
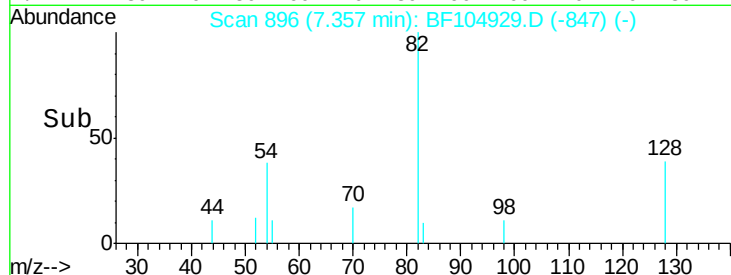
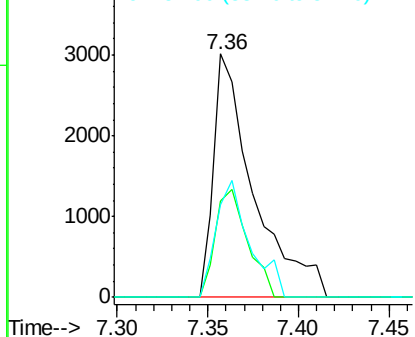
#23
 Nitrobenzene-d5
 Concen: 0.698 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 4658
 Ion Ratio Lower Upper
 82 100
 128 39.4 36.1 54.1
 54 38.0 41.4 62.2#

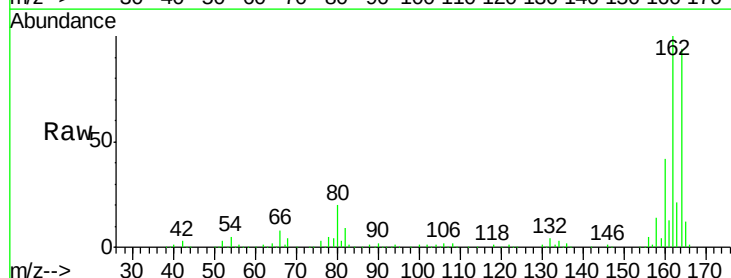


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

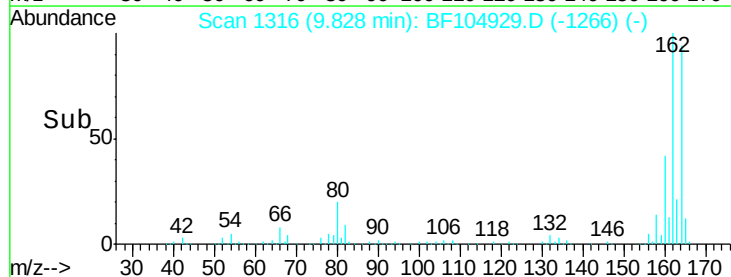
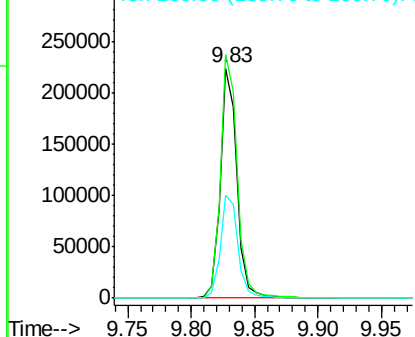


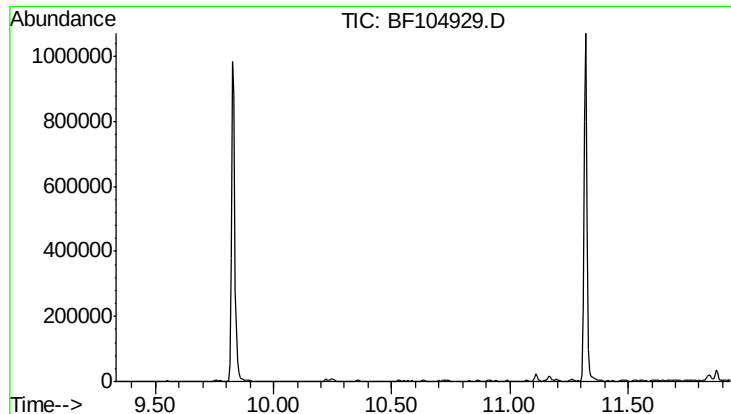
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

Tgt Ion:164 Resp: 206924
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 44.9 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

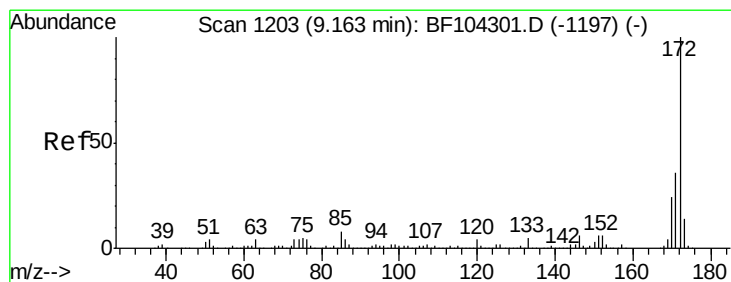
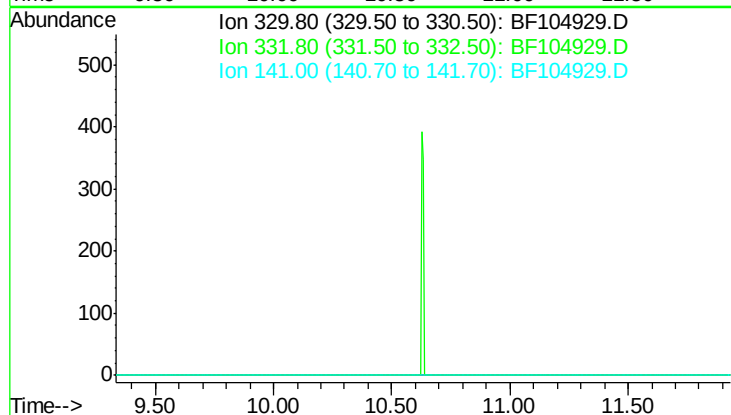




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

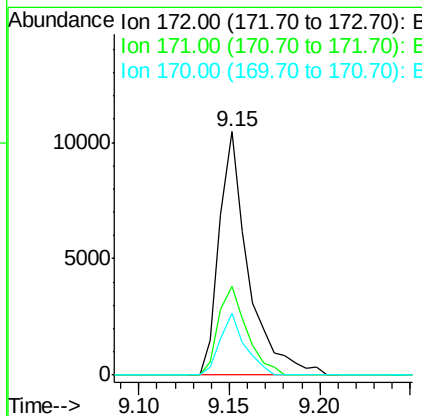
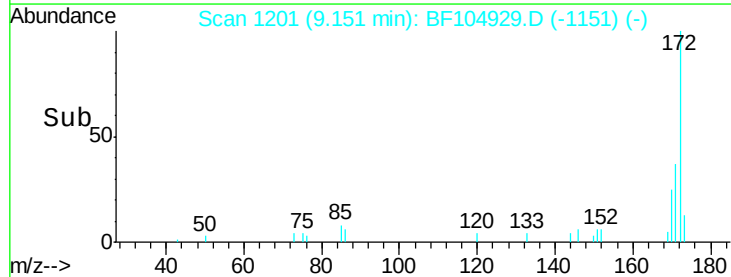
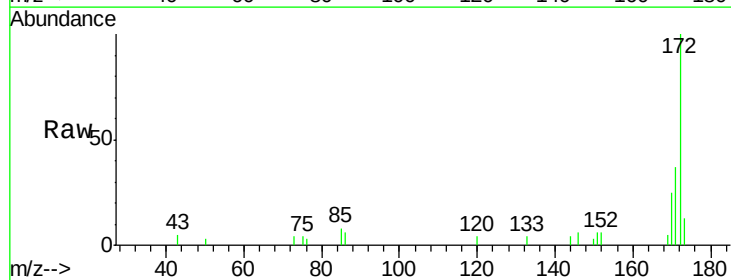
Instrument :
 BNA_F
 ClientSampleId :

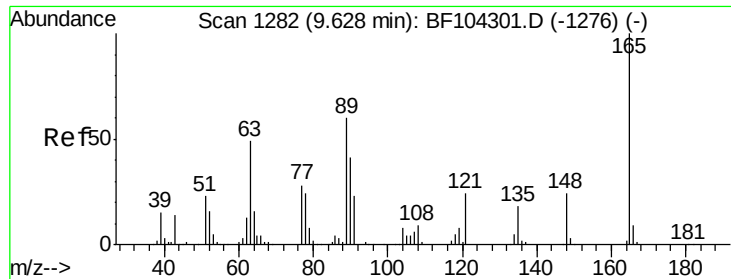
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.889 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

Tgt Ion: 172 Resp: 11649
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 25.4 19.6 29.4

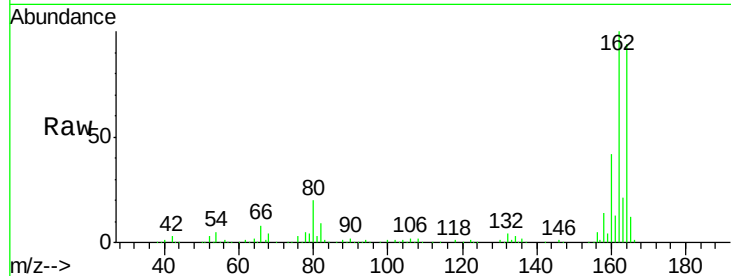




#50
 2,6-Dinitrotoluene
 Concen: 8.683 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

Instrument :
 BNA_F
 ClientSampleId :

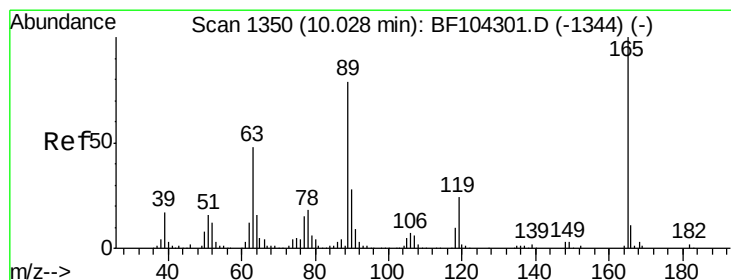
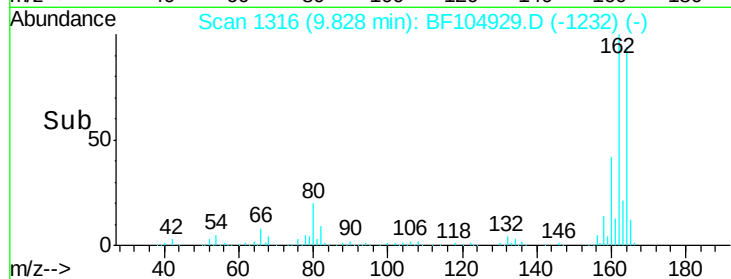
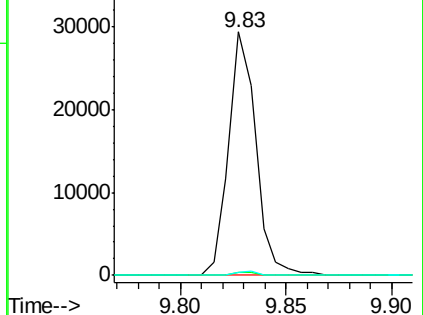
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

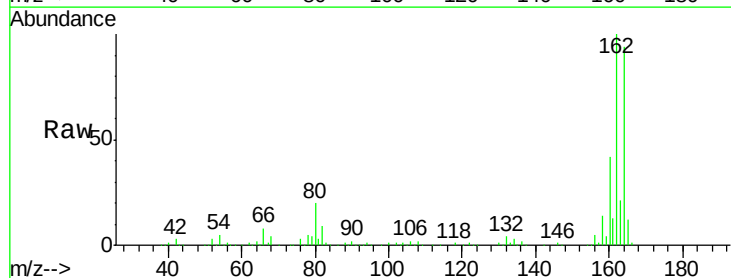
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.620 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104929.D
 Acq: 30 Apr 2018 13:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

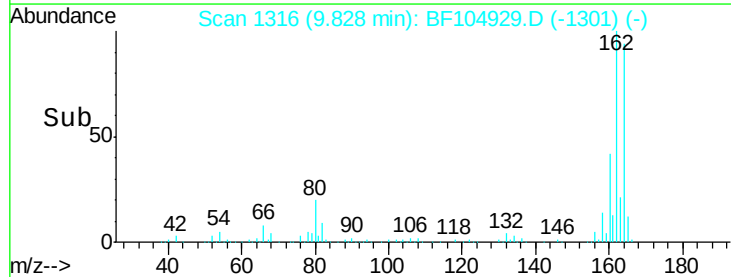
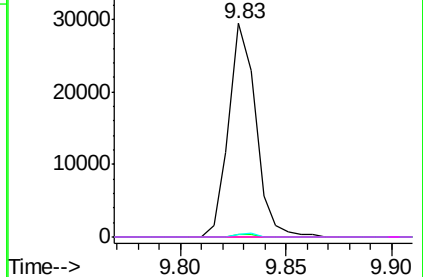


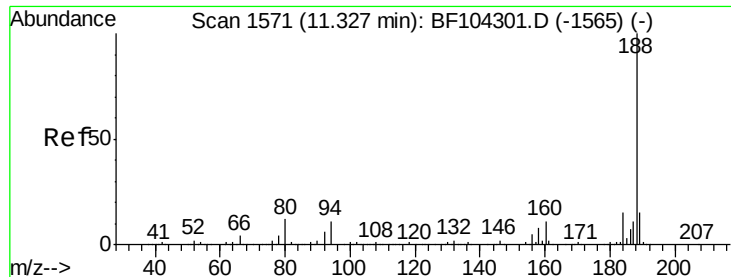
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

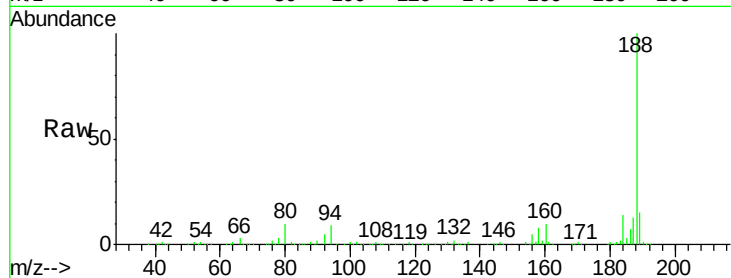




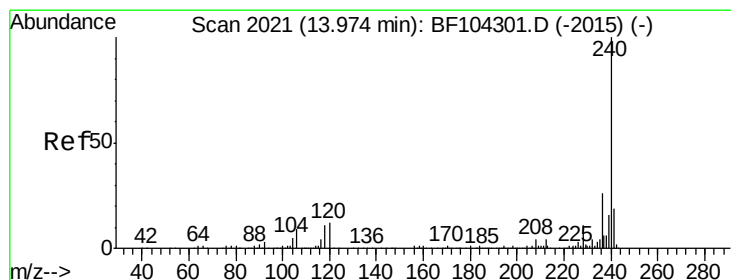
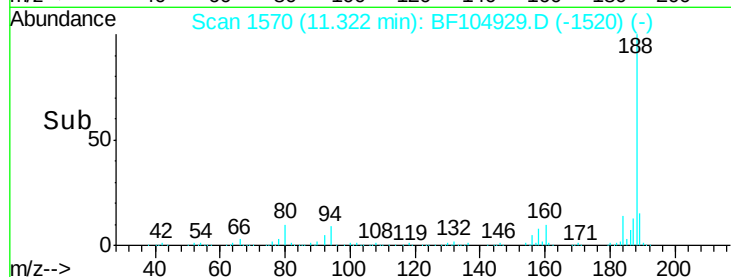
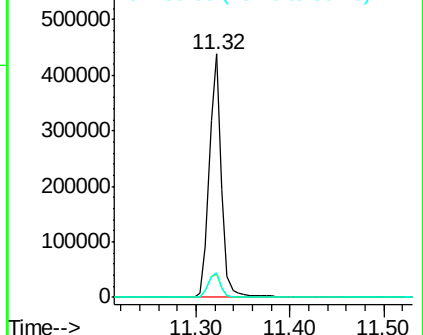
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104929.D
Acq: 30 Apr 2018 13:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	188	Resp	399805
Ion Ratio	100		
Lower	8.5		
Upper	12.7		
94	9.4		
80	10.1		
	9.2		
	13.8		

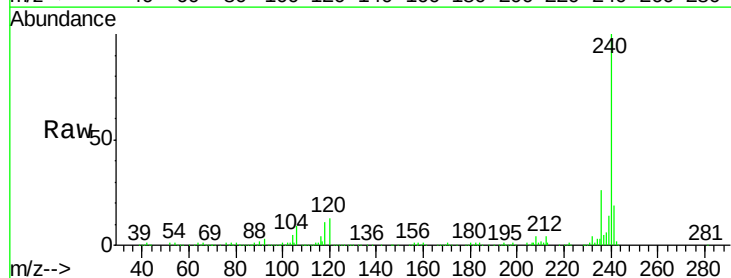


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

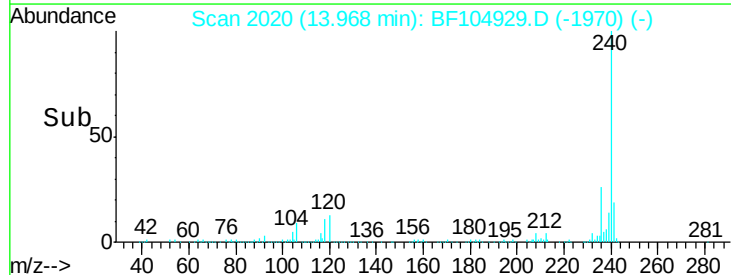
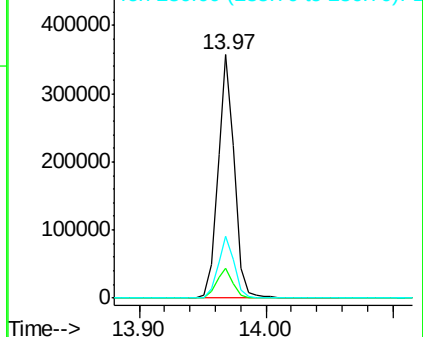


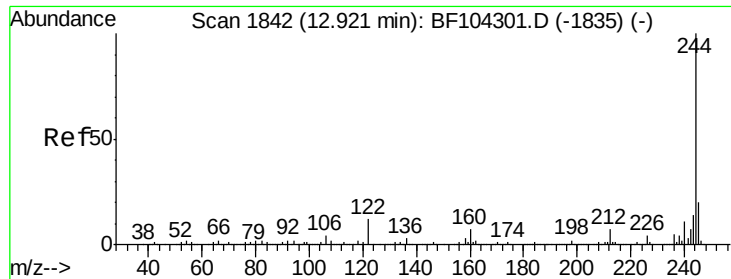
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104929.D
Acq: 30 Apr 2018 13:41

Tgt Ion	240	Resp	321666
Ion Ratio	100		
Lower	9.5		
Upper	14.3		
120	12.5		
236	25.6		
	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: 1.038 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

Instrument :

BNA_F

ClientSampleId :

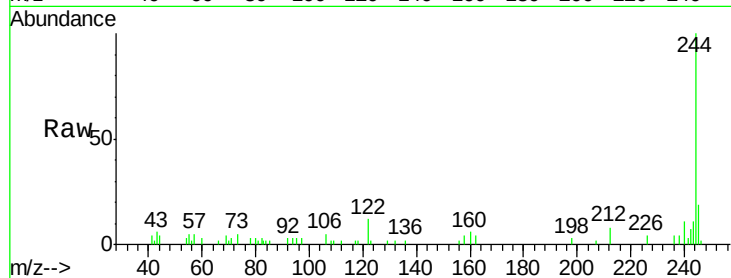
Tot Ion:244 Resp: 14646

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.0#

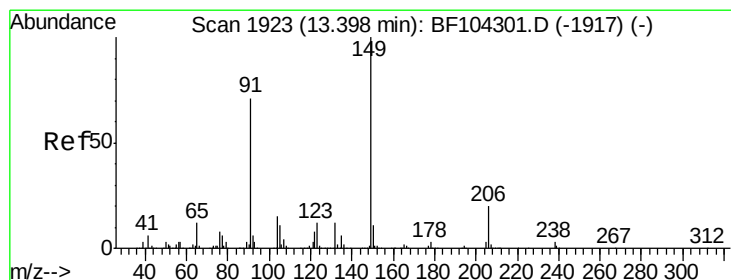
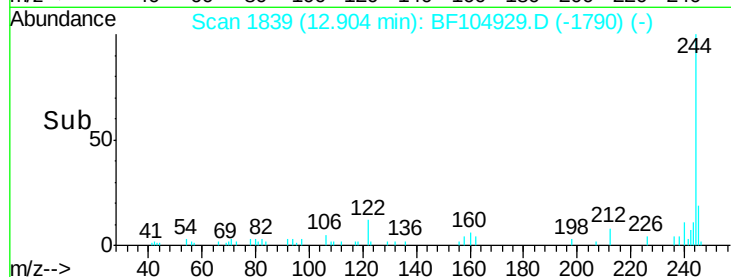
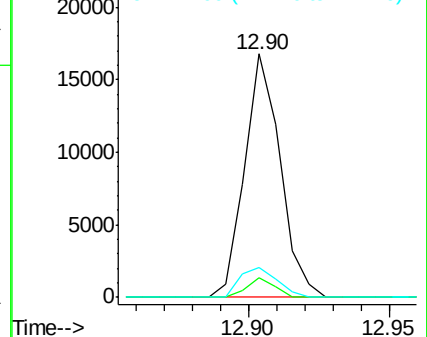
122 12.0 11.0 16.4



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: 168.052 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.02 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

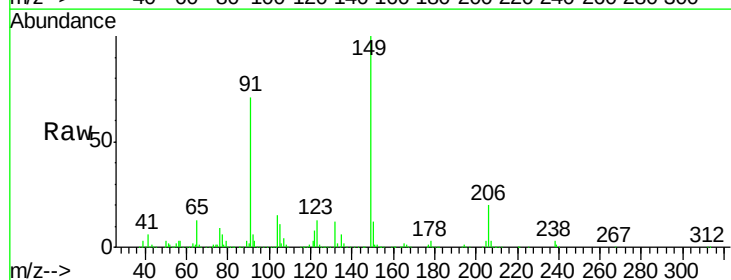
Tgt Ion:149 Resp: 1887688

Ion Ratio Lower Upper

149 100

91 71.1 56.8 85.2

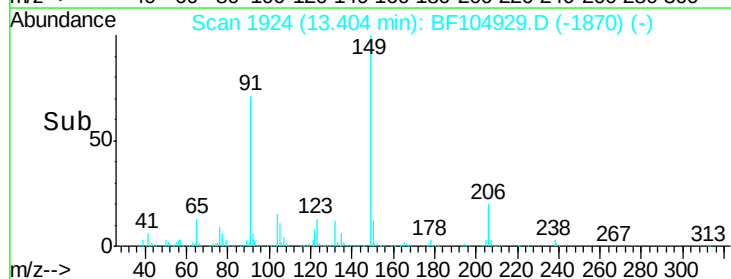
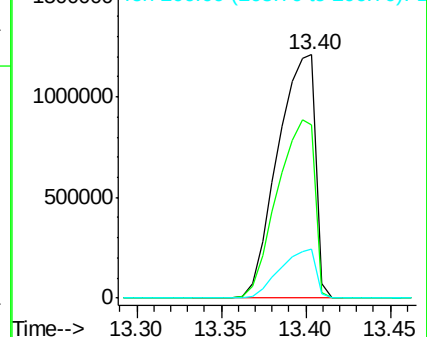
206 19.9 14.1 21.1

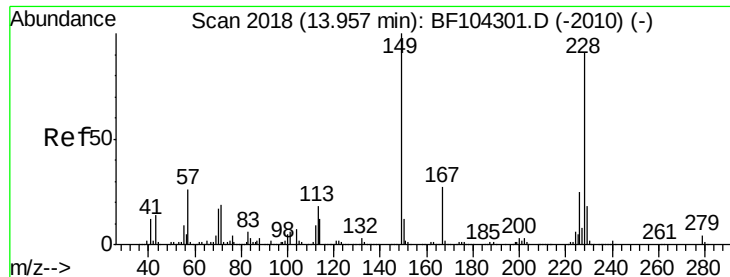


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.974 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

Instrument :

BNA_F

ClientSampleId :

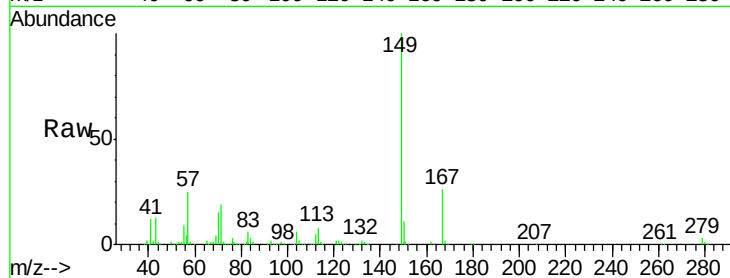
Tot Ion:149 Resp: 274145

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

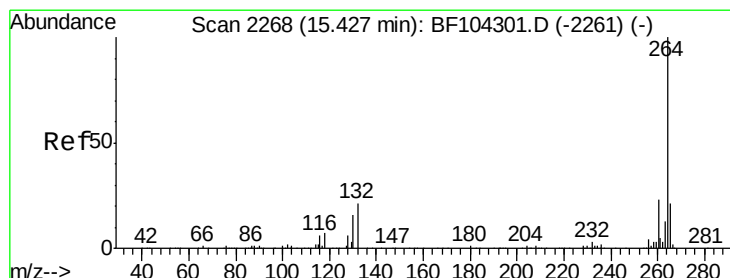
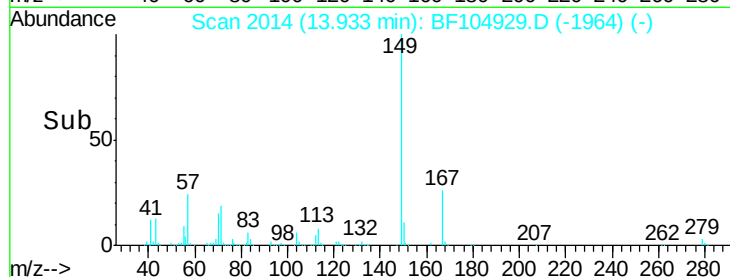
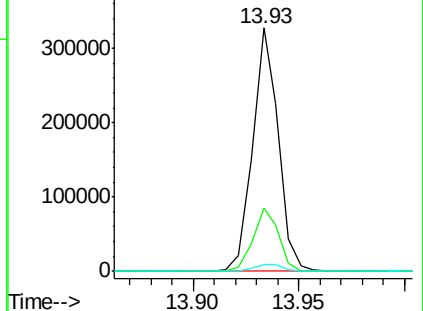
279 2.8 3.0 4.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF104929.D

Acq: 30 Apr 2018 13:41

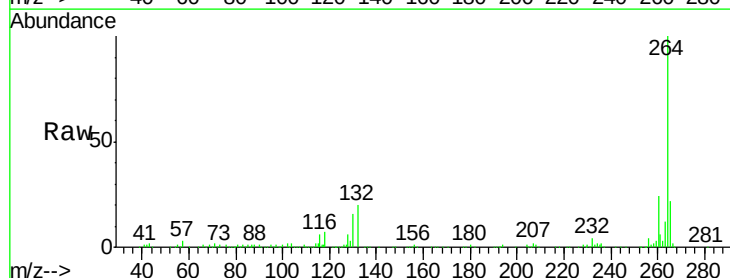
Tgt Ion:264 Resp: 229823

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

