

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104930.D
 Acq On : 30 Apr 2018 14:07
 Operator : JU/SJ
 Sample : J2522-04DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:21:53 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

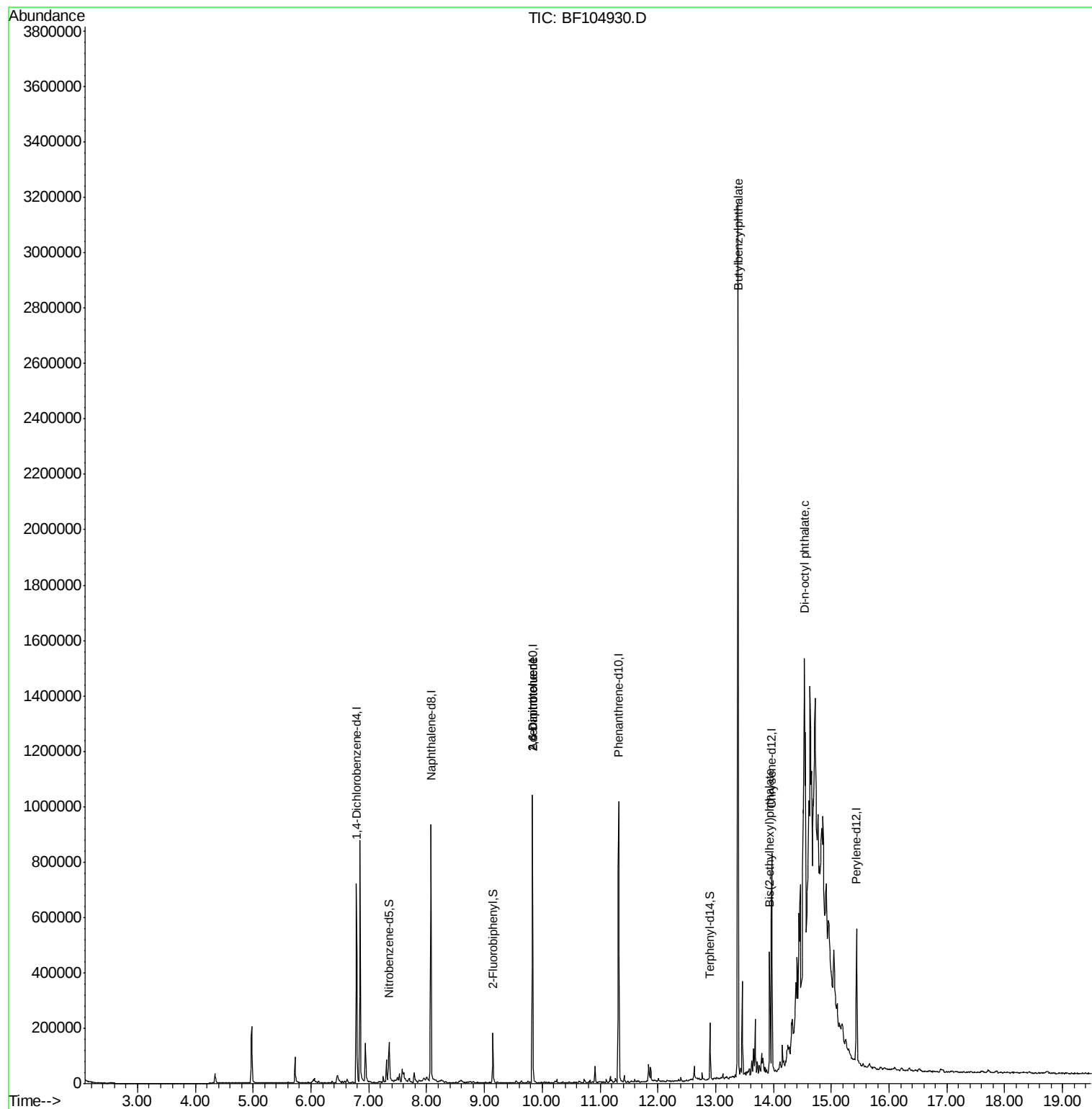
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	105114	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	438545	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	205452	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	381074	20.00	ng	0.00
75) Chrysene-d12	13.97	240	251275	20.00	ng	0.00
86) Perylene-d12	15.44	264	210510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	445	0.06	ng	0.02
7) Phenol-d6	6.45	99	12515	1.48	ng	0.00
23) Nitrobenzene-d5	7.36	82	27368	4.08	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	61790	4.75	ng	-0.01
78) Terphenyl-d14	12.90	244	63652	5.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	266	Below Cal	#	46
50) 2,6-Dinitrotoluene	9.83	165	26295	8.771 ng	#	25
56) 2,4-Dinitrotoluene	9.83	165	26295	6.687 ng	#	23
76) Benzidine	12.90	184	719	Below Cal	#	66
79) Butylbenzylphthalate	13.39	149	859149	97.912 ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	132152	11.709 ng		97
84) Di-n-octyl phthalate	14.53	149	706456	37.461 ng	#	69

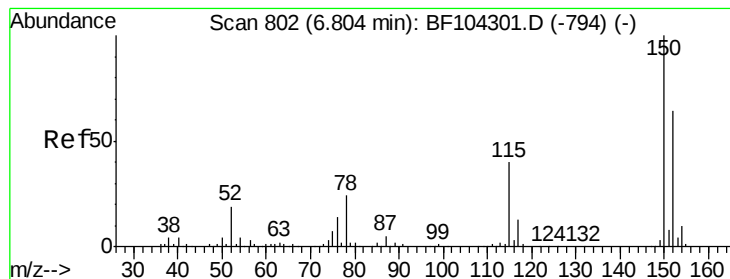
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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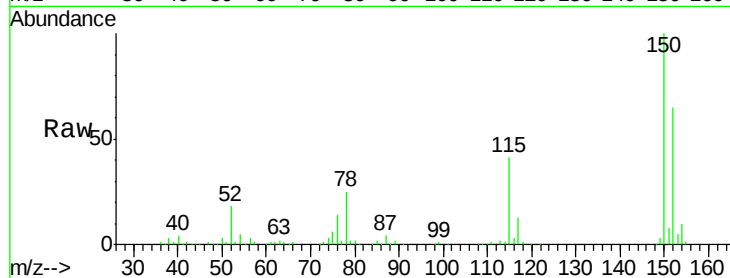


#1

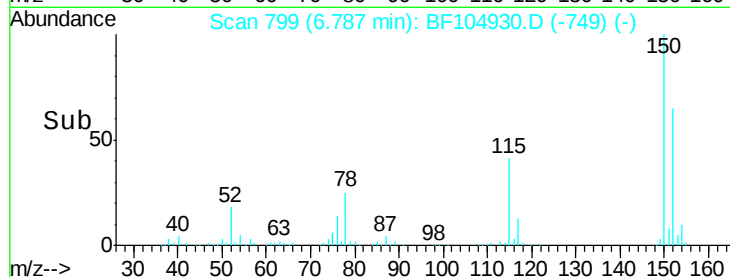
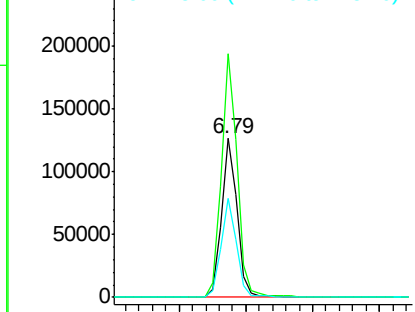
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104930.D
Acq: 30 Apr 2018 14:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	62.3	50.1	75.1



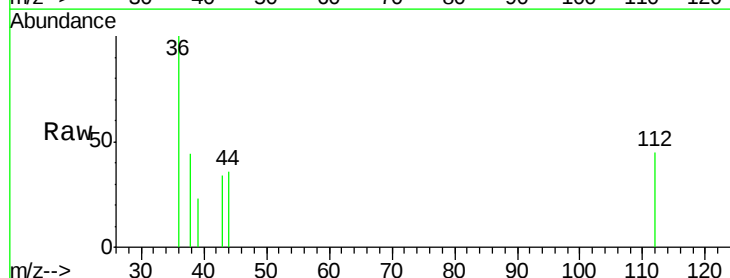
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



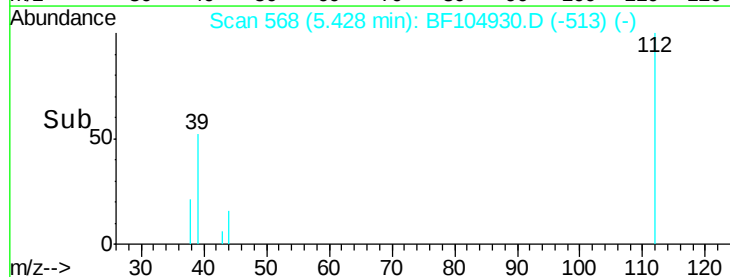
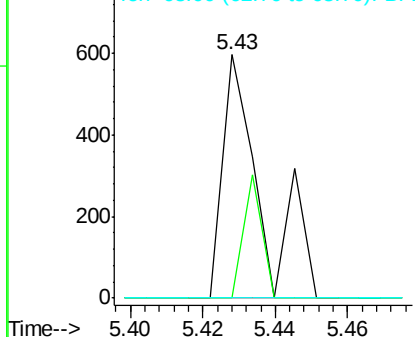
#5

2-Fluorophenol
Concen: 0.065 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104930.D
Acq: 30 Apr 2018 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	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: 1.482 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104930.D

Acq: 30 Apr 2018 14:07

Instrument :

BNA_F

ClientSampleId :

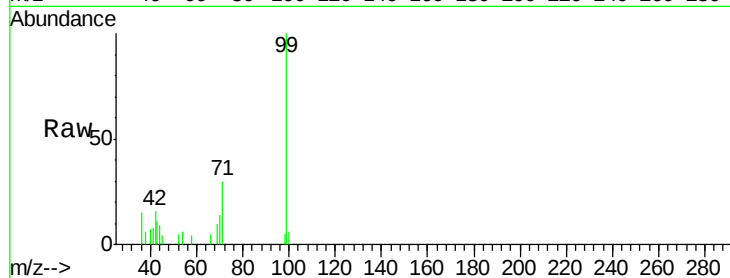
Tot Ion: 99 Resp: 12515

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

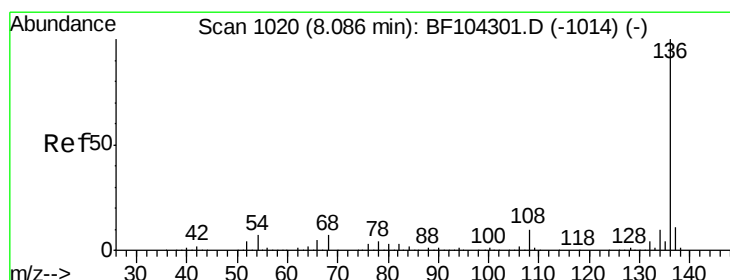
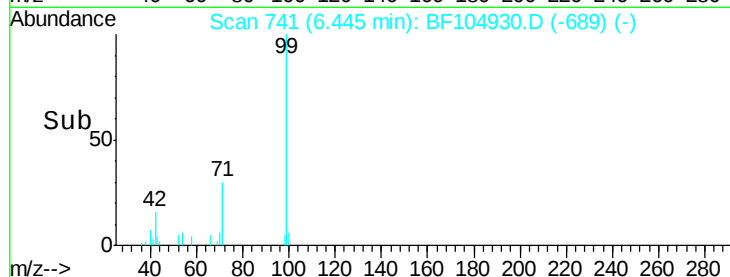
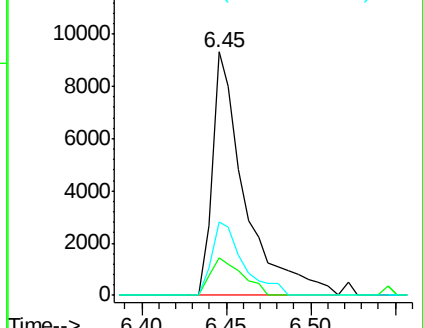
71 30.3 25.4 38.0



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: BF104930.D

Acq: 30 Apr 2018 14:07

Tgt Ion: 136 Resp: 438545

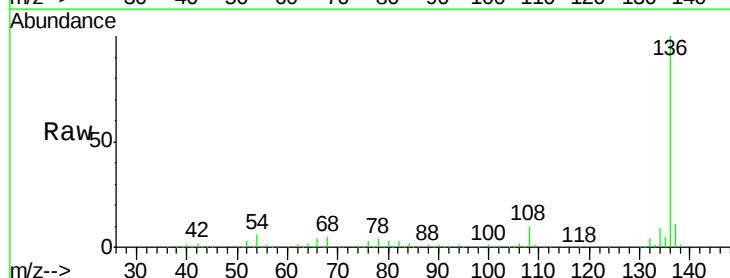
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.6 9.8#

68 5.5 5.0 7.4

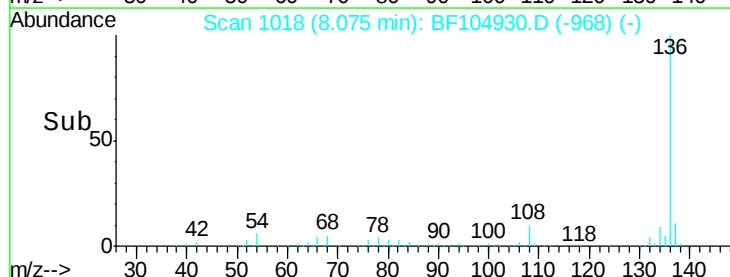
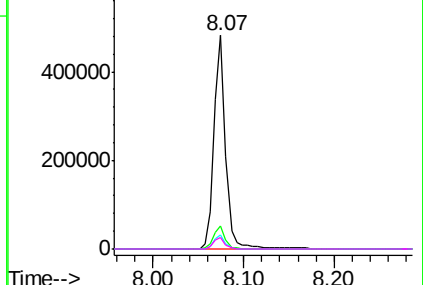


Abundance Ion 136.00 (135.70 to 136.70): E

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

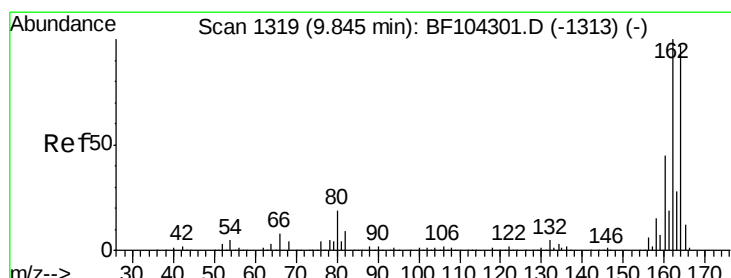
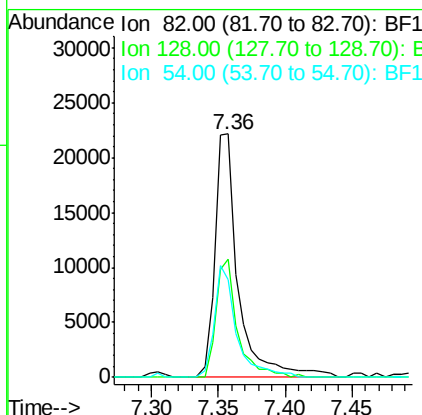
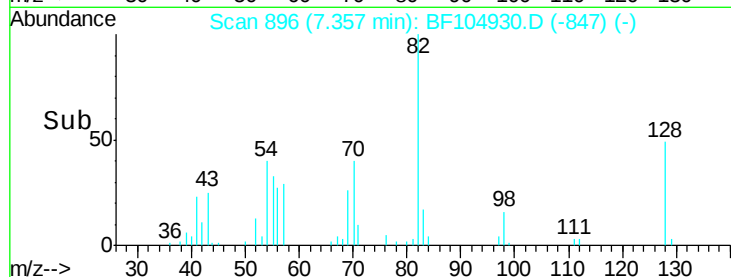
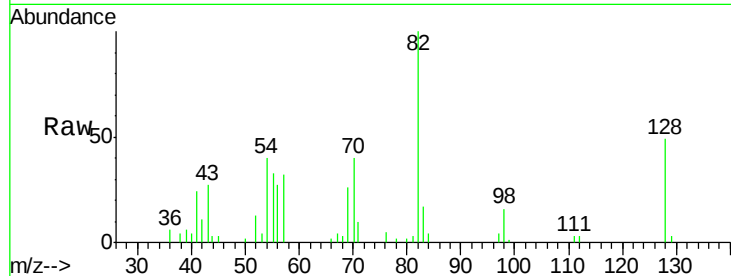




#23
 Nitrobenzene-d5
 Concen: 4.075 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

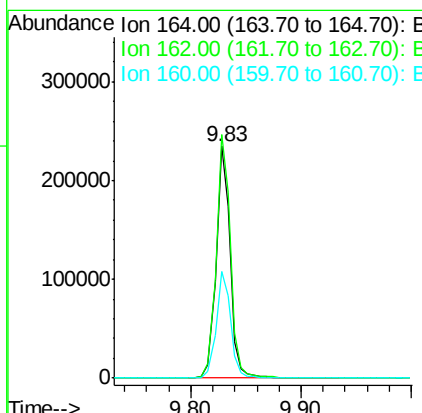
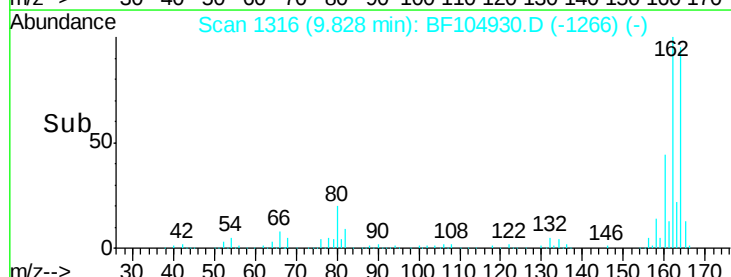
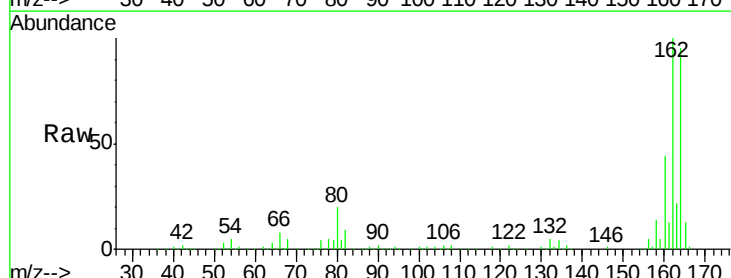
Instrument :
 BNA_F
 ClientSampled :

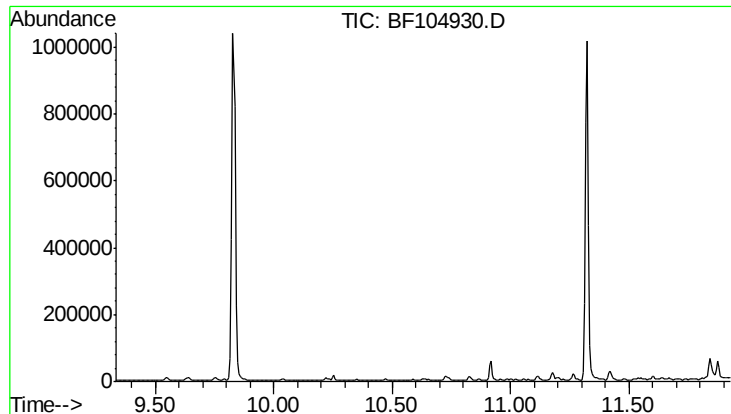
Tot Ion: 82 Resp: 27368
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.1 54.1
 54 40.3 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

Tgt Ion:164 Resp: 205452
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.1 38.3 57.5

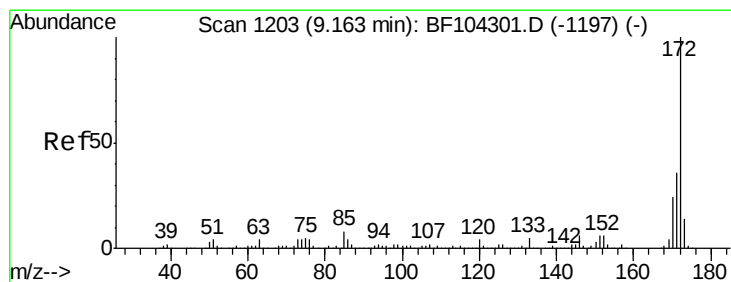
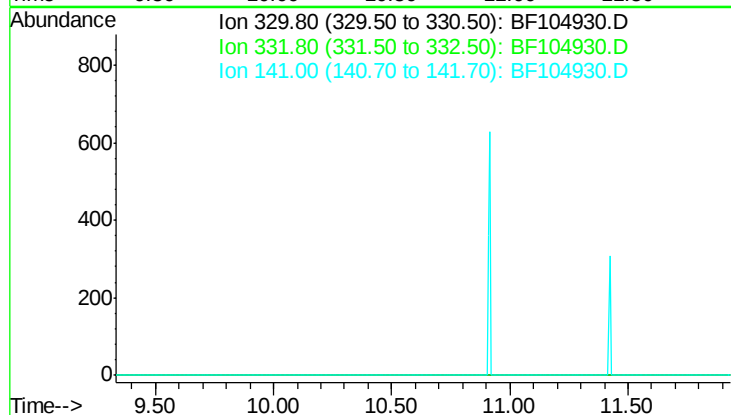




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.63 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

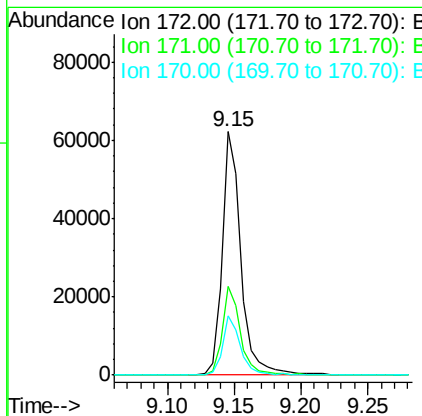
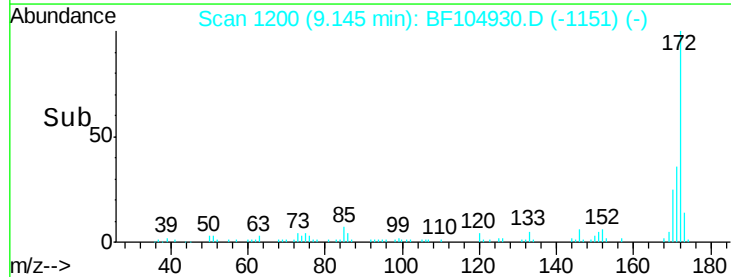
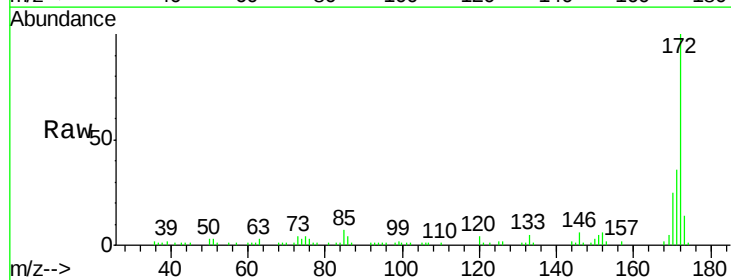
Instrument :
 BNA_F
 ClientSampleId :

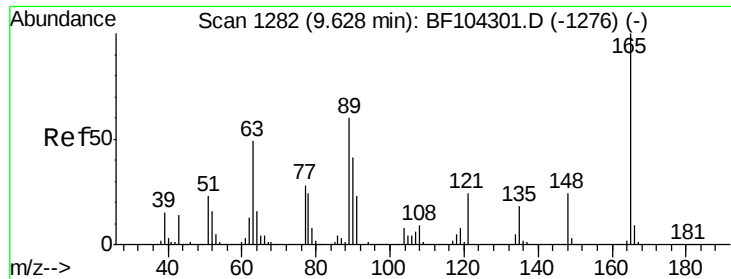
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 4.751 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

Tgt Ion: 172 Resp: 61790
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.5 19.6 29.4

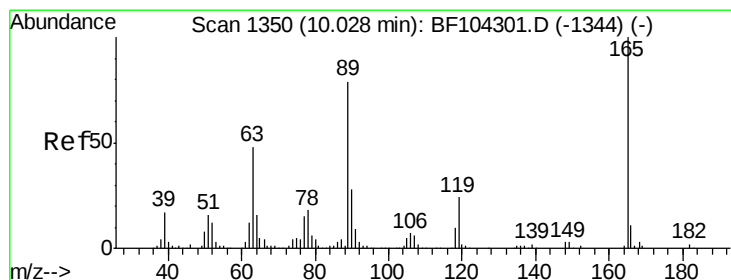
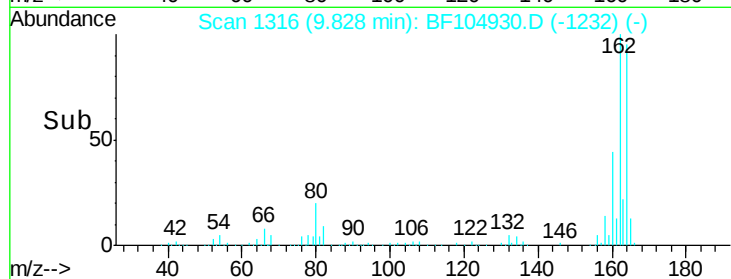
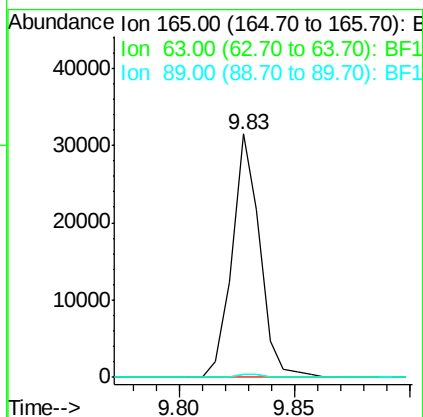
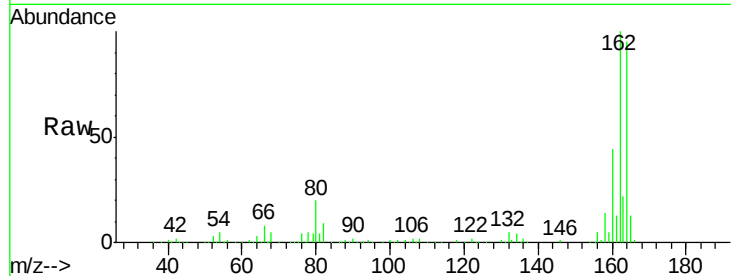




#50
 2,6-Dinitrotoluene
 Concen: 8.771 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.19 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

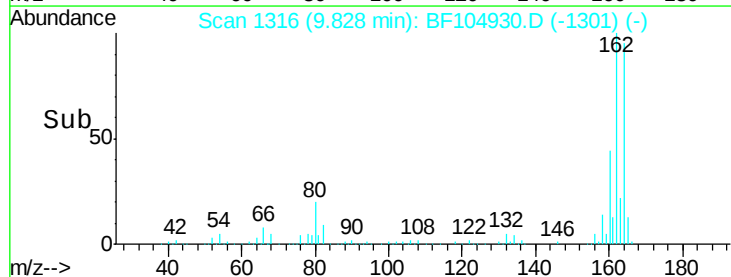
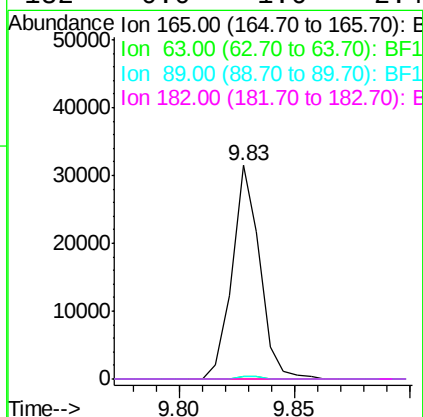
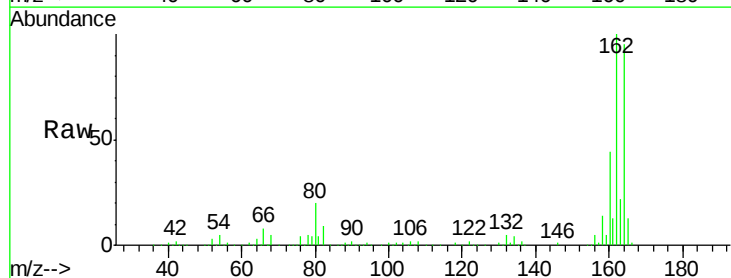
Instrument :
 BNA_F
 ClientSampleId :

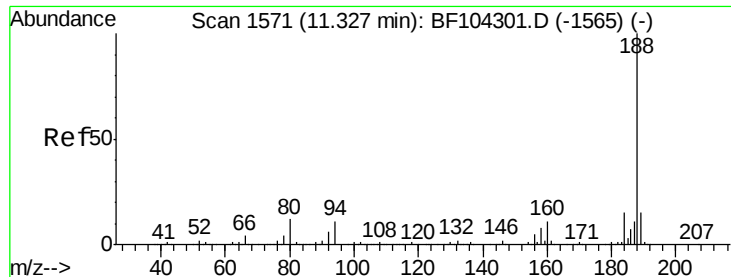
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.687 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

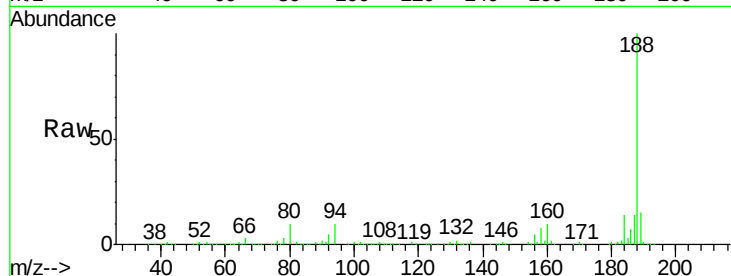




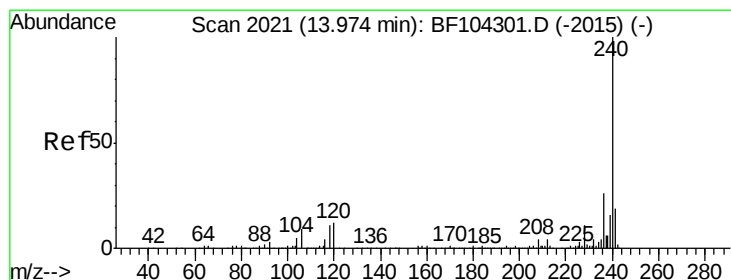
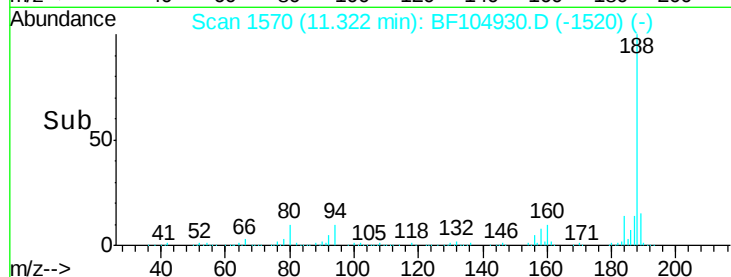
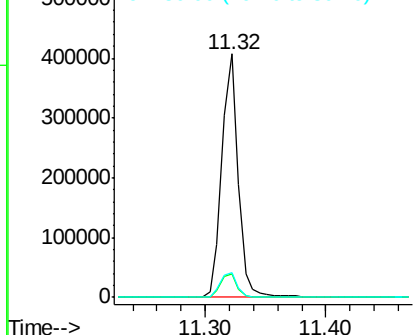
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104930.D
Acq: 30 Apr 2018 14:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 381074
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8

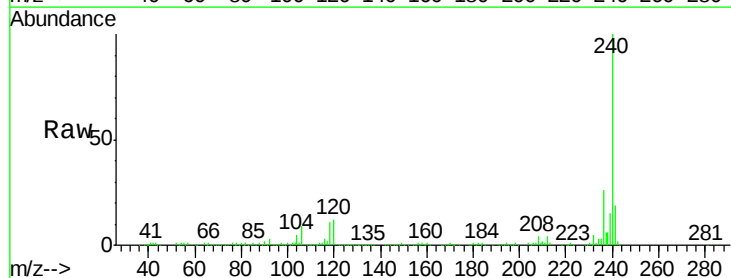


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

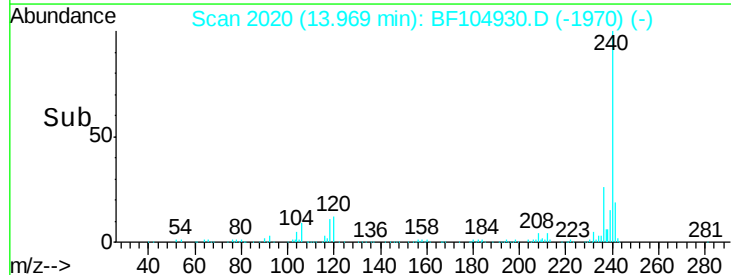
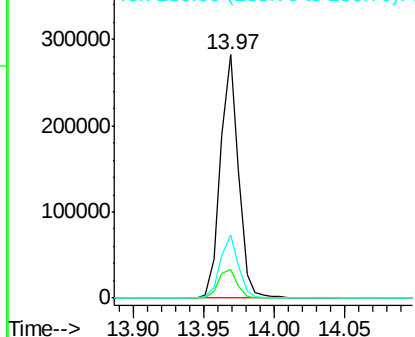


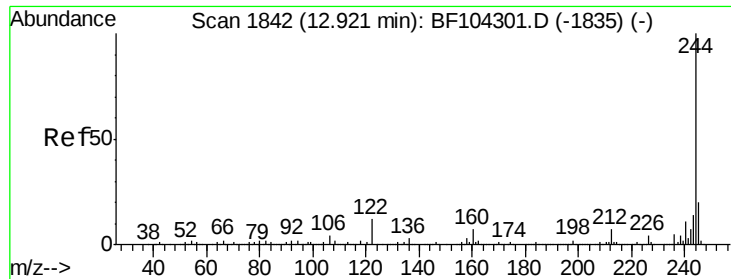
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104930.D
Acq: 30 Apr 2018 14:07

Tgt Ion:240 Resp: 251275
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: 5.775 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104930.D

Acq: 30 Apr 2018 14:07

Instrument :

BNA_F

ClientSampled :

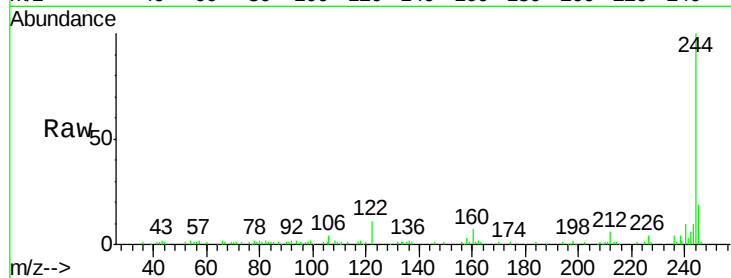
Tot Ion:244 Resp: 63652

Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

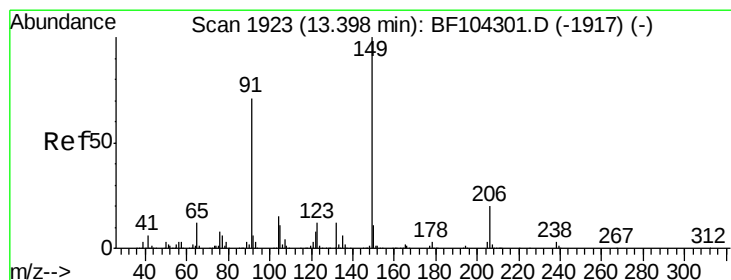
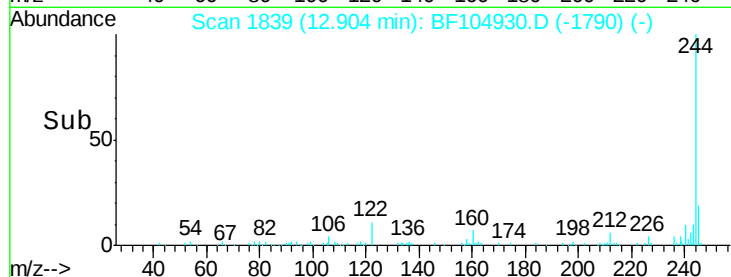
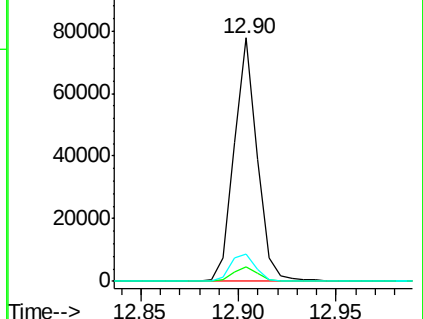
122 11.4 11.0 16.4



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: 97.912 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF104930.D

Acq: 30 Apr 2018 14:07

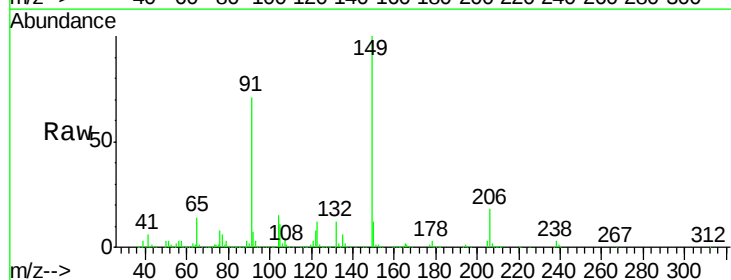
Tgt Ion:149 Resp: 859149

Ion Ratio Lower Upper

149 100

91 70.7 56.8 85.2

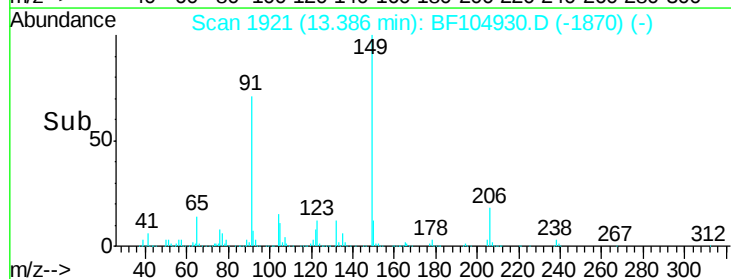
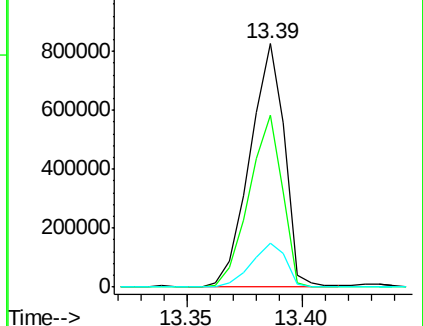
206 18.0 14.1 21.1

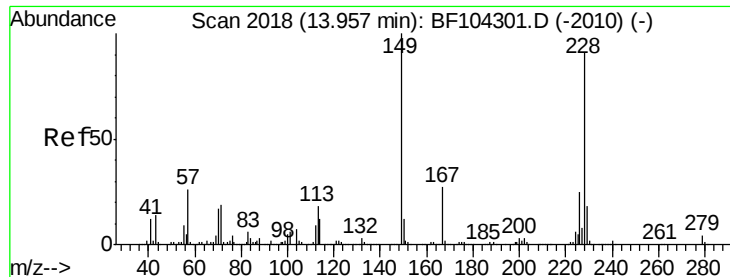


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 11.709 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF104930.D

Acq: 30 Apr 2018 14:07

Instrument :

BNA_F

ClientSampleId :

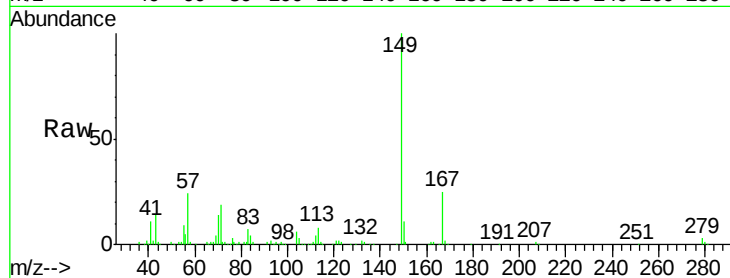
Tot Ion:149 Resp: 132152

Ion Ratio Lower Upper

149 100

167 24.8 21.3 31.9

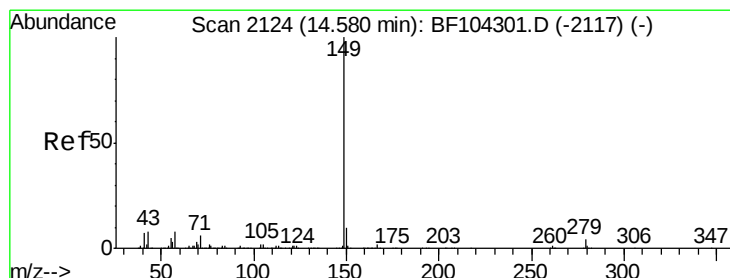
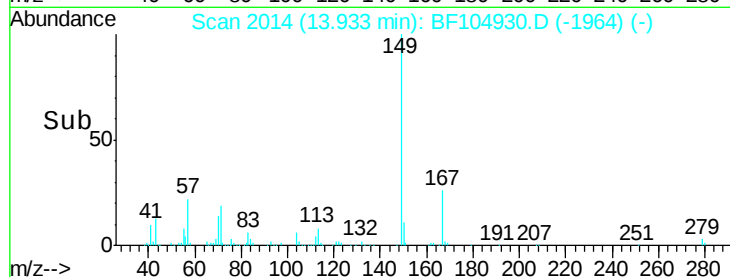
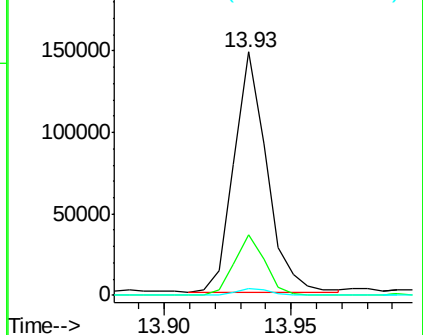
279 3.0 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 37.461 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BF104930.D

Acq: 30 Apr 2018 14:07

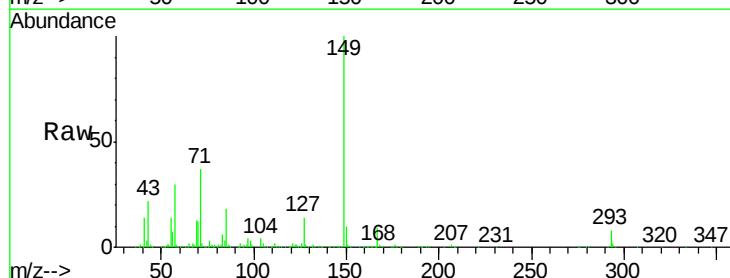
Tgt Ion:149 Resp: 706456

Ion Ratio Lower Upper

149 100

167 6.8 1.2 1.8#

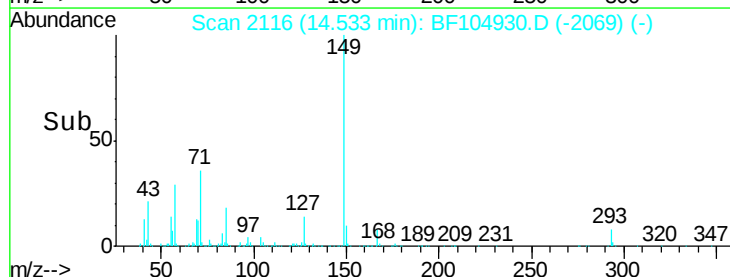
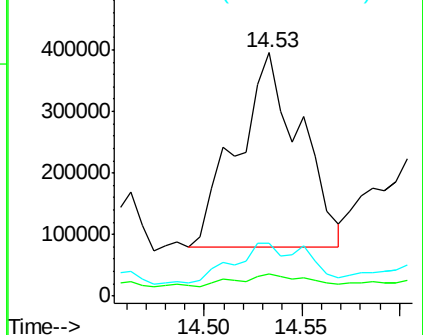
43 23.2 8.4 12.6#

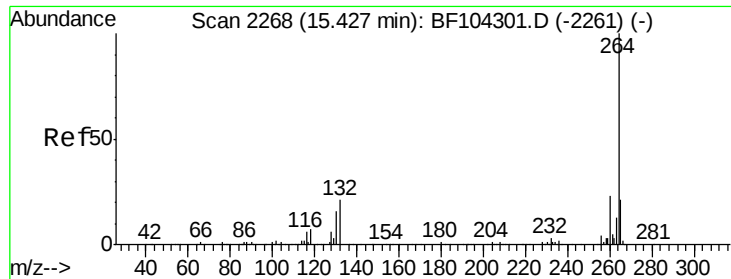


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF104930.D
 Acq: 30 Apr 2018 14:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 210510
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 17.5 26.3

