

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101894.D
 Acq On : 4 Jan 2018 16:47
 Operator : SJ/JU
 Sample : J1012-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-H

Quant Time: Jan 05 00:03:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

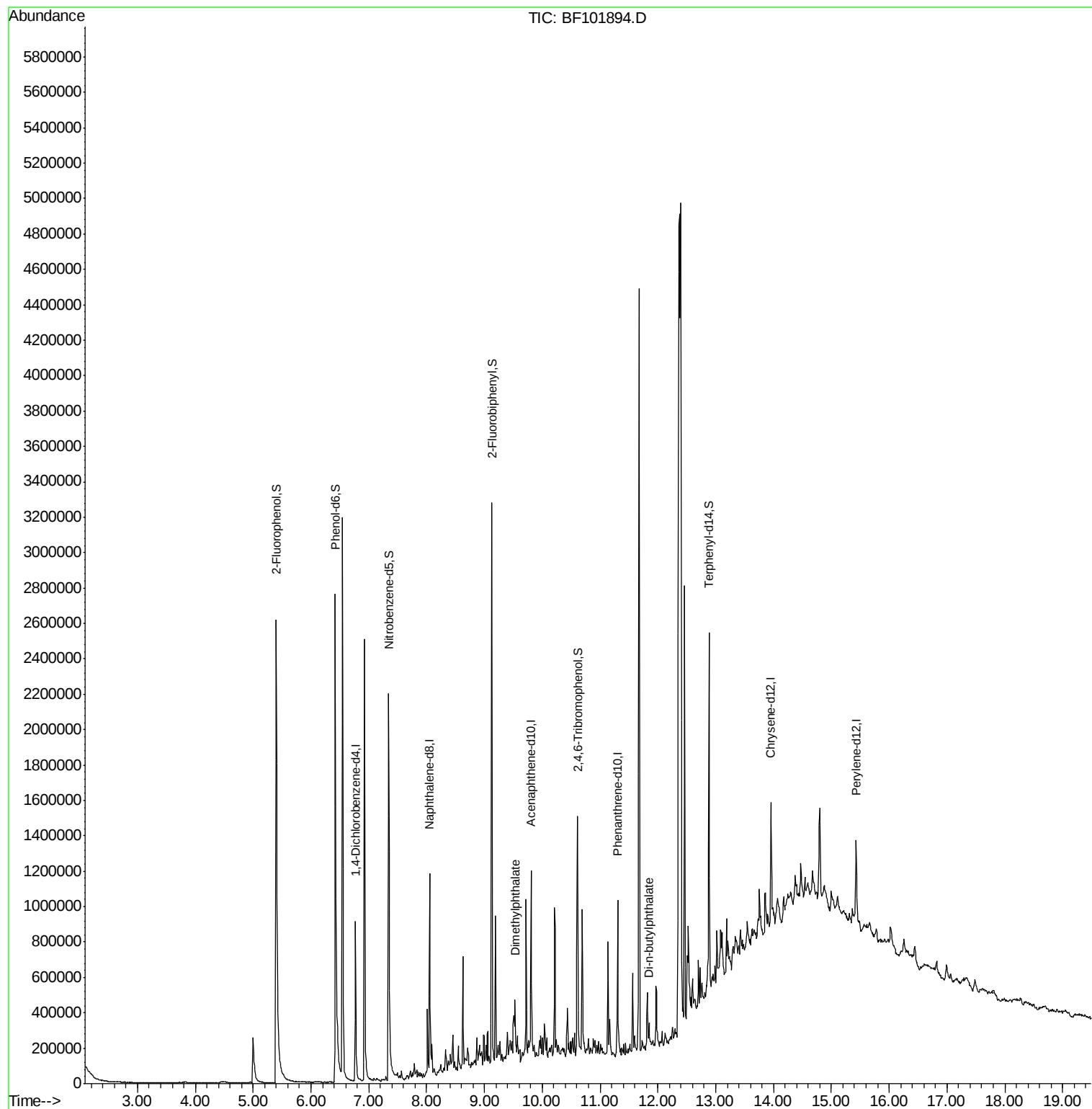
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	146271	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	569744	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	224965	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	339019	20.00	ng	0.00
75) Chrysene-d12	13.96	240	275726	20.00	ng	0.00
86) Perylene-d12	15.43	264	253485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1136978	115.79	ng	0.00
7) Phenol-d6	6.42	99	1315922	107.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	836599	81.74	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	186895	86.22	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1098260	75.73	ng	0.00
78) Terphenyl-d14	12.89	244	726801	63.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	97519	5.389	ng	99
73) Di-n-butylphthalate	11.84	149	55127	2.519	ng	100

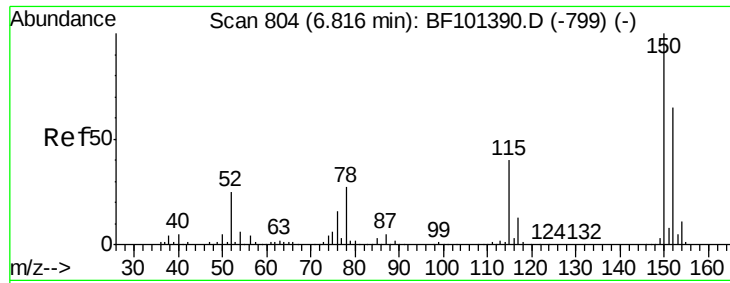
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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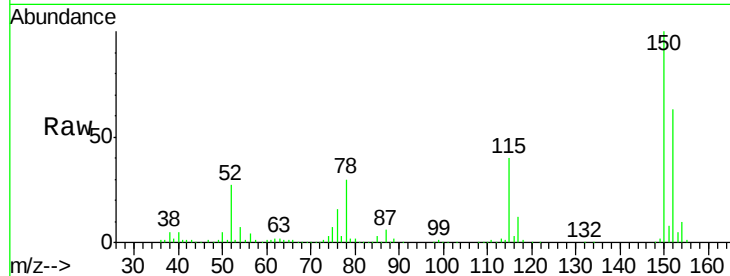


#1

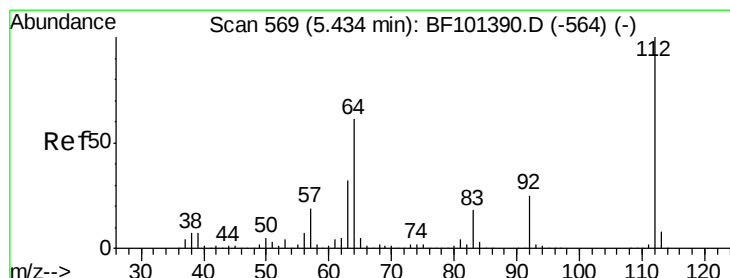
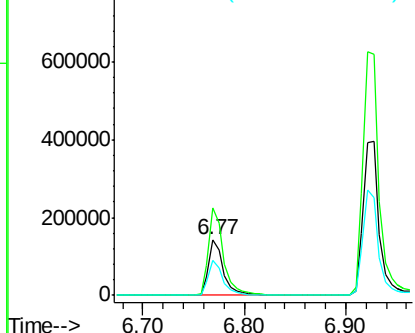
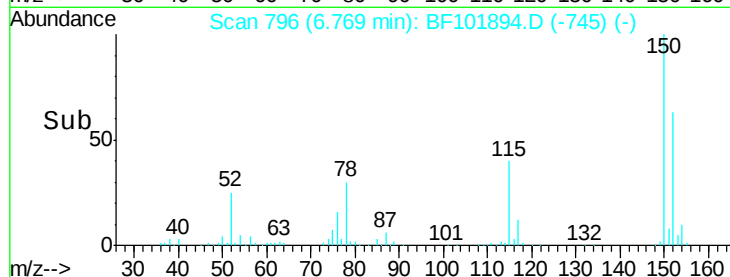
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-H

Tot Ion:152 Resp: 146271
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 63.2 50.1 75.1



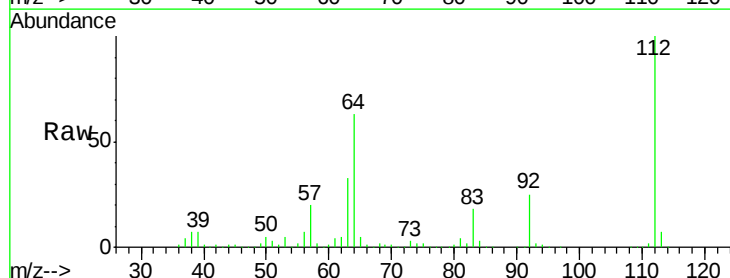
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



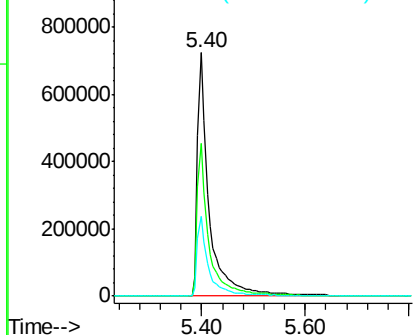
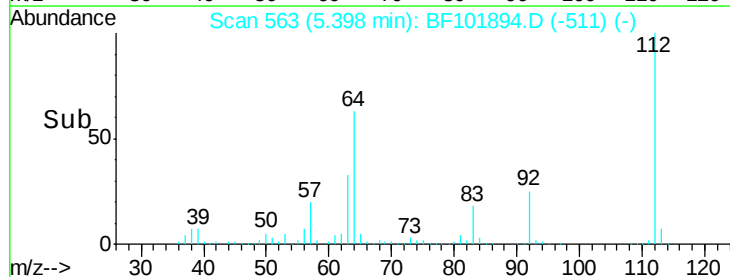
#5

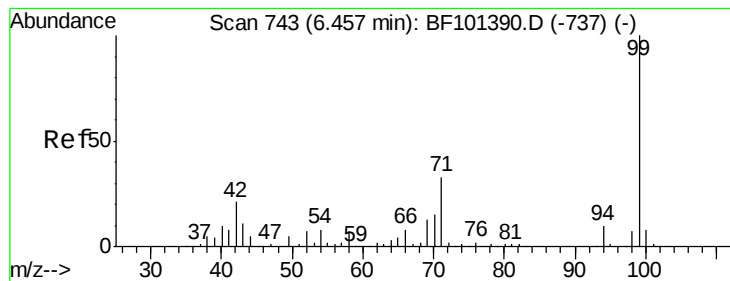
2-Fluorophenol
Concen: 115.786 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion:112 Resp: 1136978
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 32.9 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: 107.678 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-H

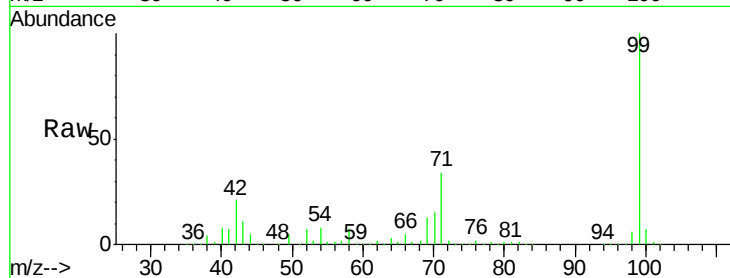
Tot Ion: 99 Resp: 1315922

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

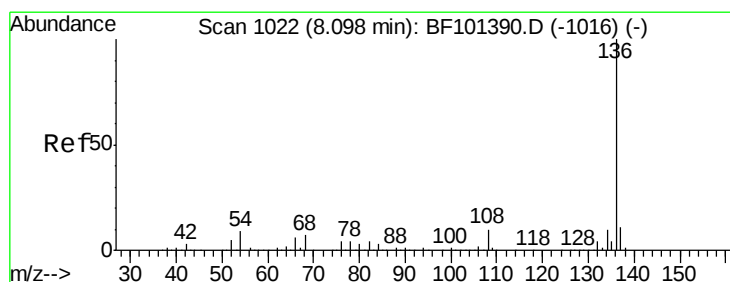
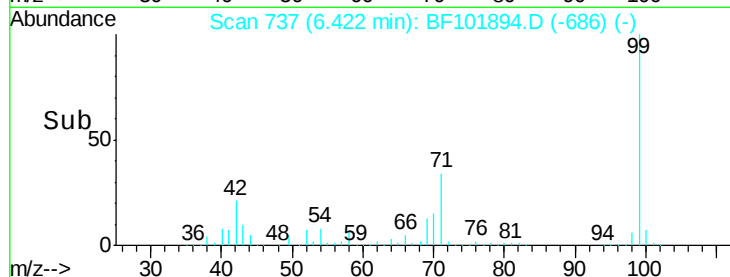
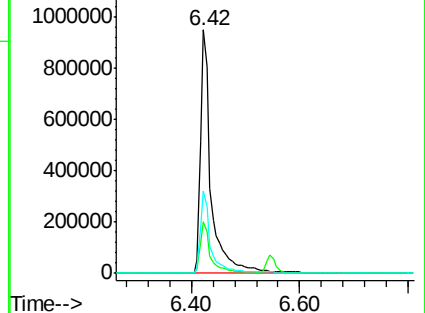
71 34.1 25.4 38.0



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: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Tgt Ion: 136 Resp: 569744

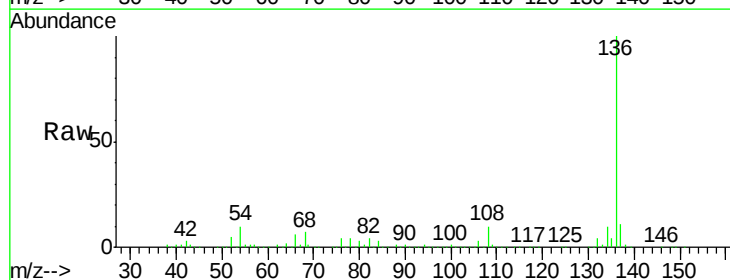
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.6 9.8

68 7.0 5.0 7.4

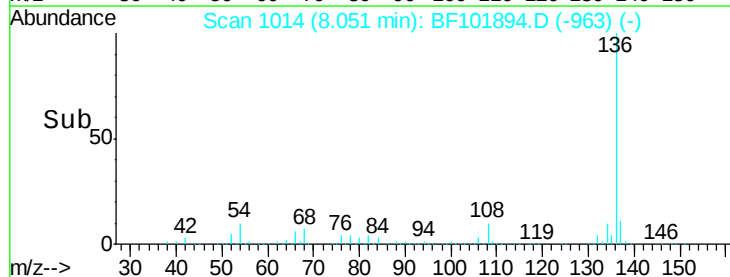
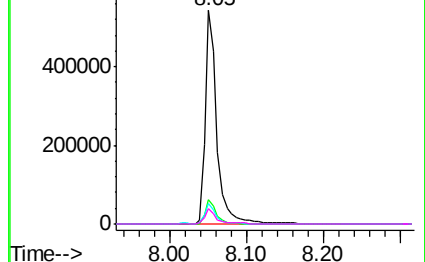


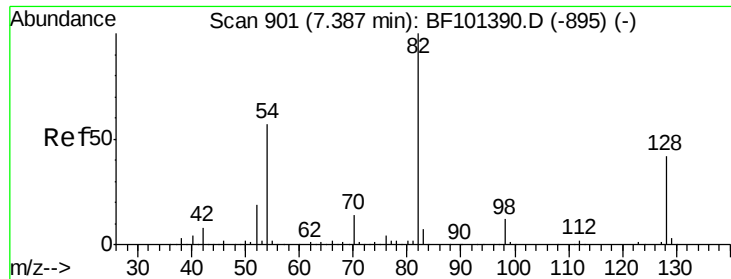
Abundance Ion 136.00 (135.70 to 136.70): E

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

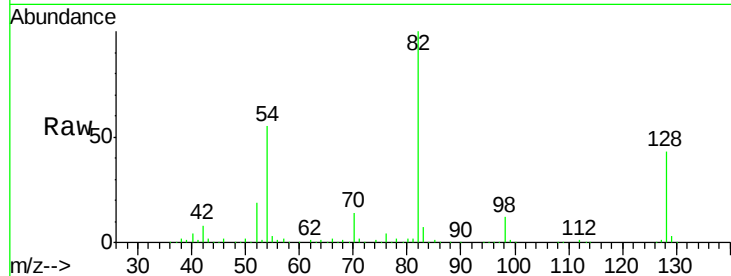




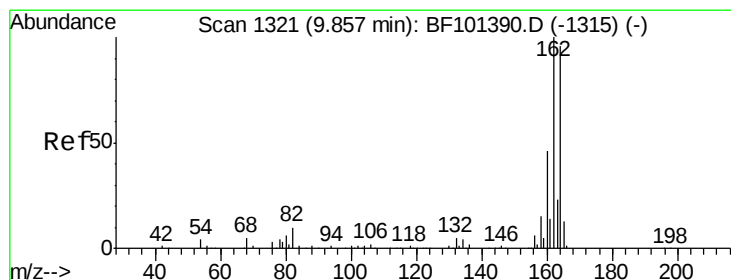
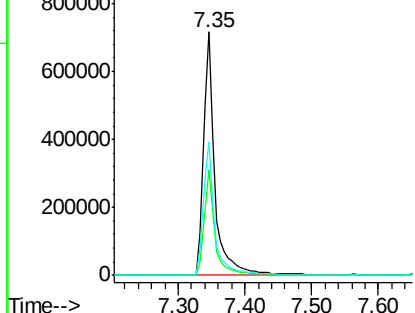
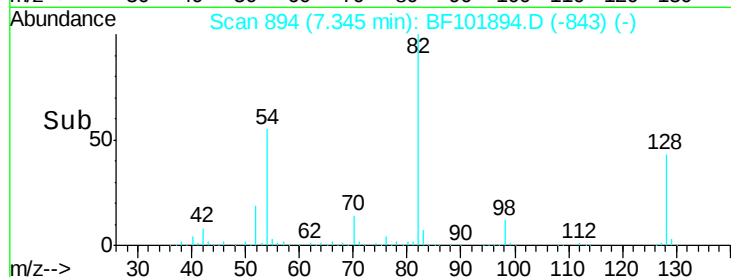
#23
Nitrobenzene-d5
Concen: 81.738 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Instrument :
BNA_F
ClientSampleId :
JC-03-010318-H

Tot Ion: 82 Resp: 836599
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 55.0 41.4 62.2

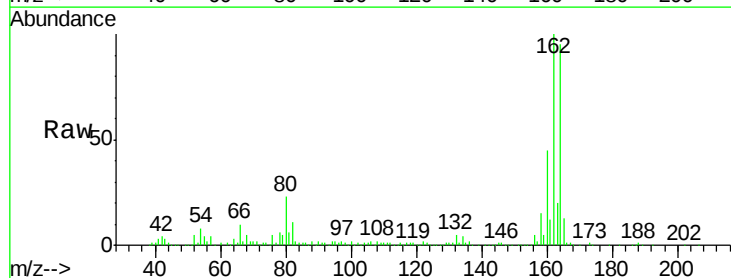


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

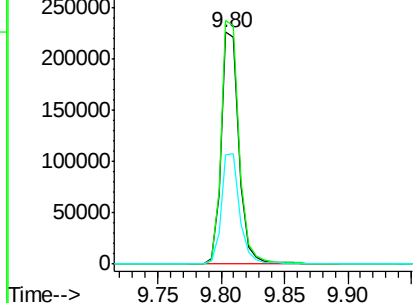
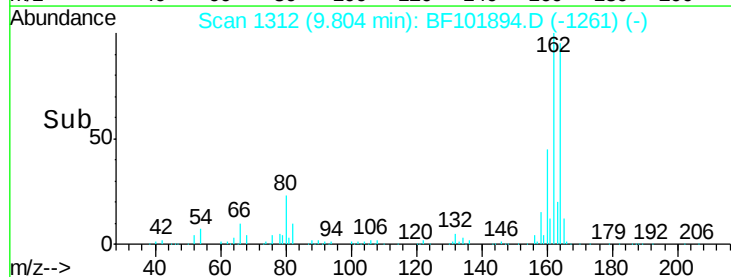


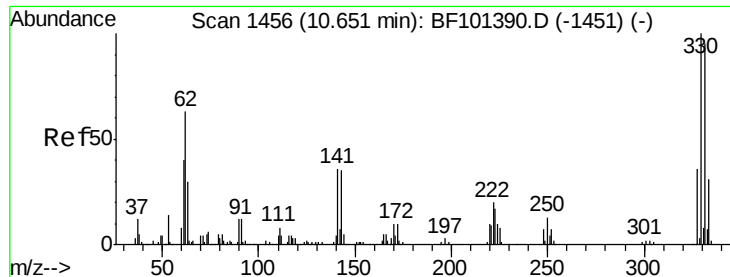
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF101894.D
Acq: 4 Jan 2018 16:47

Tgt Ion: 164 Resp: 224965
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 47.0 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

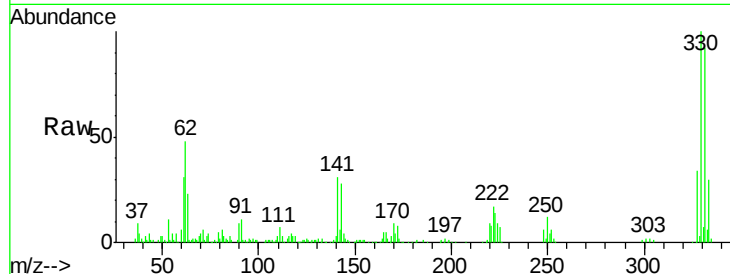




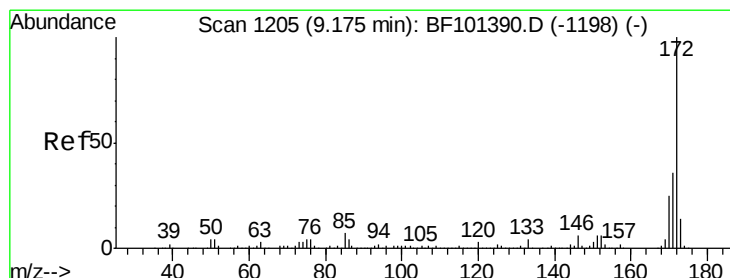
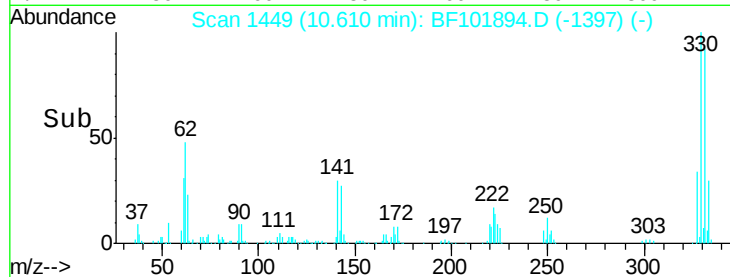
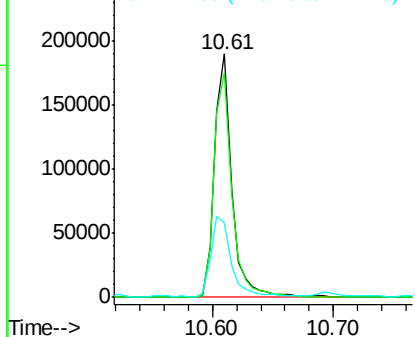
#41
 2,4,6-Tribromophenol
 Concen: 86.218 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.01 min
 Lab File: BF101894.D
 Acq: 4 Jan 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-H

Tot Ion:330 Resp: 186895
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.0 29.9 44.9

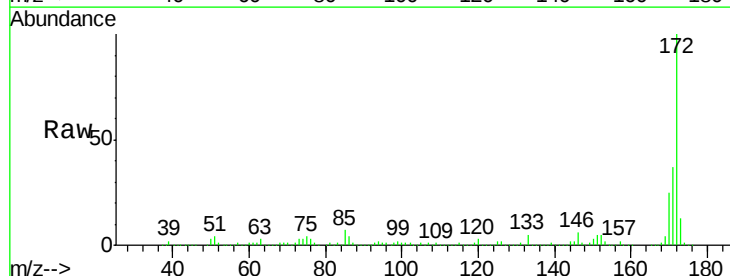


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

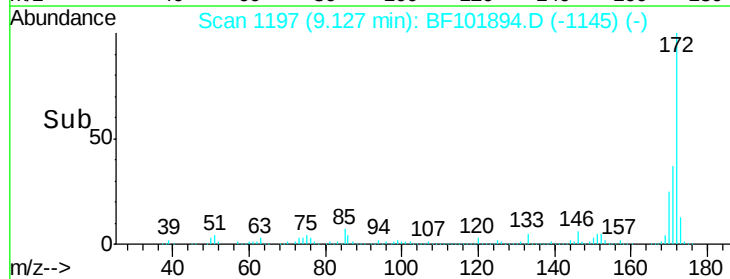
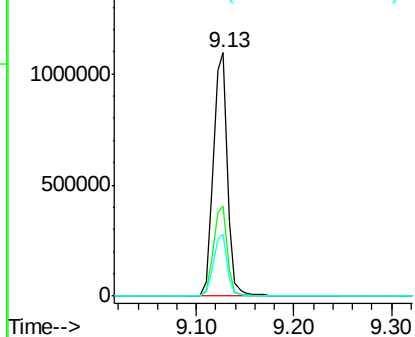


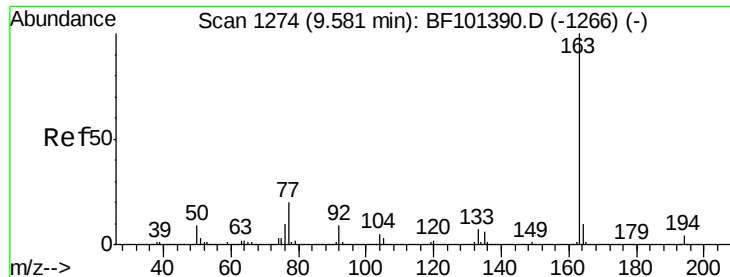
#44
 2-Fluorobiphenyl
 Concen: 75.730 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101894.D
 Acq: 4 Jan 2018 16:47

Tgt Ion:172 Resp: 1098260
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.3 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

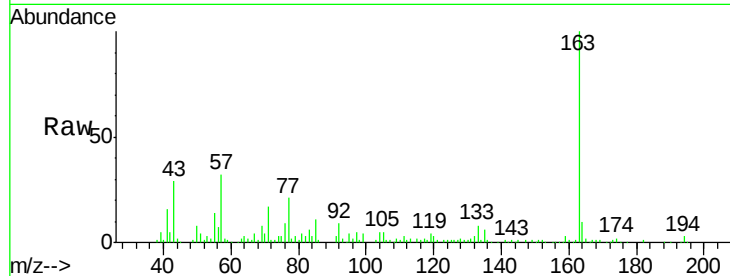




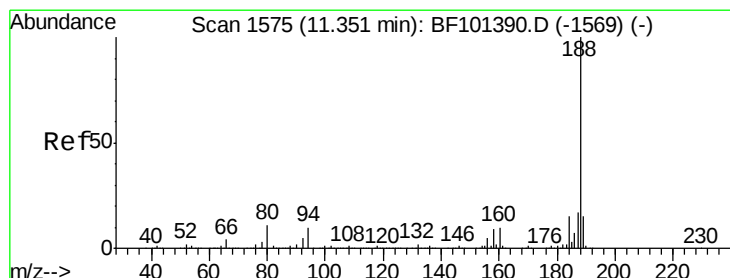
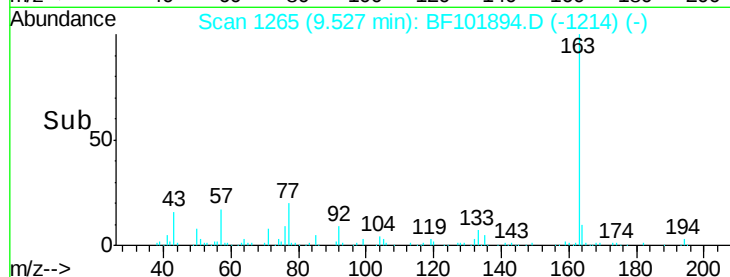
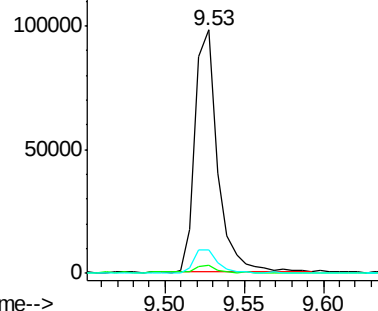
#49
 Dimethylphthalate
 Concen: 5.389 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BF101894.D
 Acq: 4 Jan 2018 16:47

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-010318-H

Tot Ion:163	Resp:	97519
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.7 4.1
164	9.6	8.2 12.2

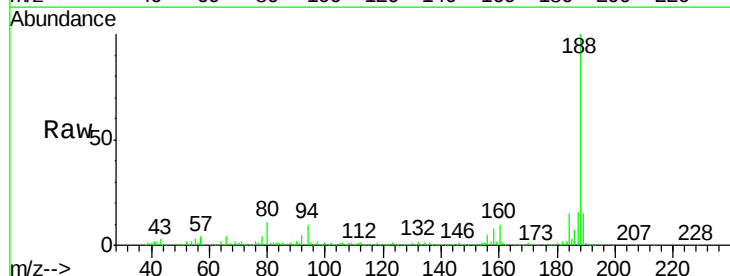


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

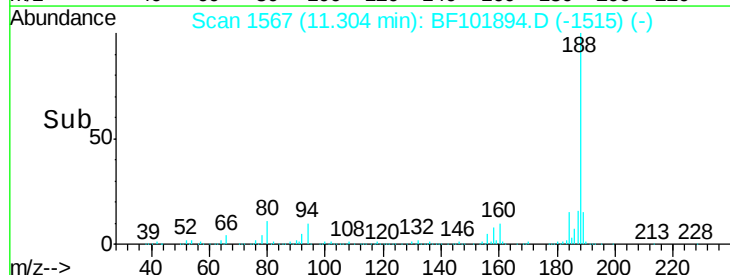
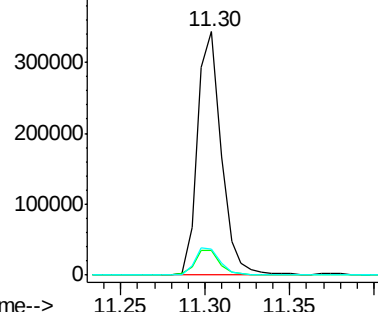


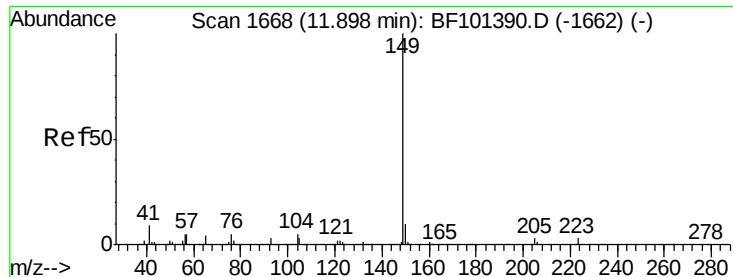
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF101894.D
 Acq: 4 Jan 2018 16:47

Tgt Ion:188	Resp:	339019
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.5 12.7
80	10.8	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





#73

Di-n-butylphthalate

Concen: 2.519 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-H

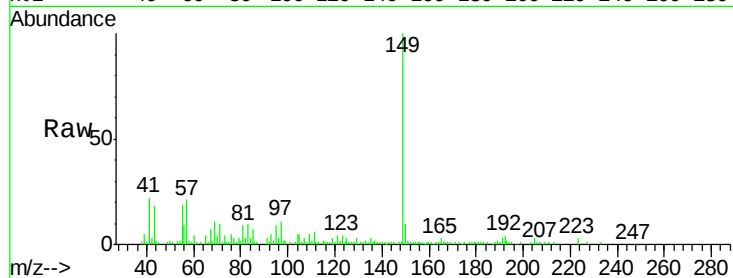
Tot Ion:149 Resp: 55127

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

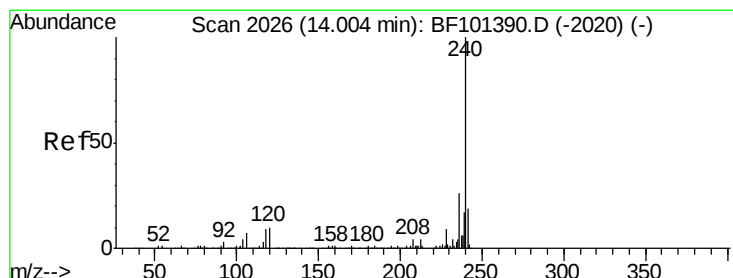
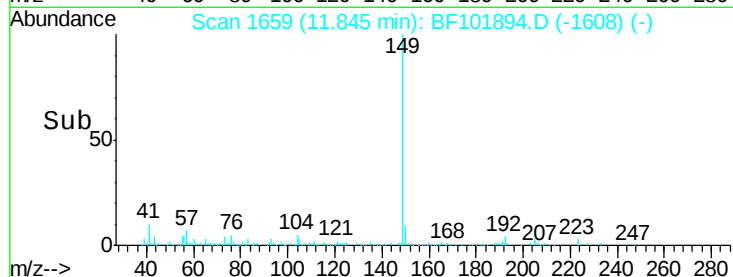
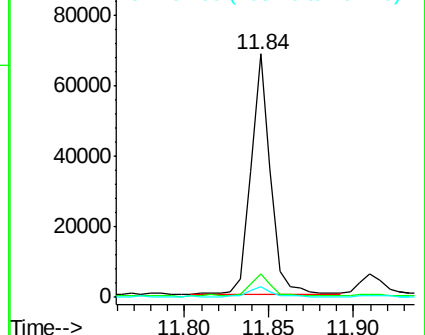
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

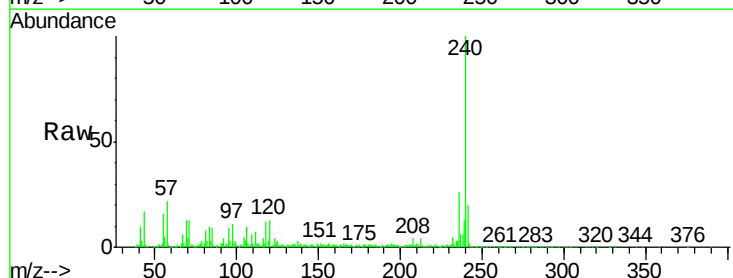
Tgt Ion:240 Resp: 275726

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

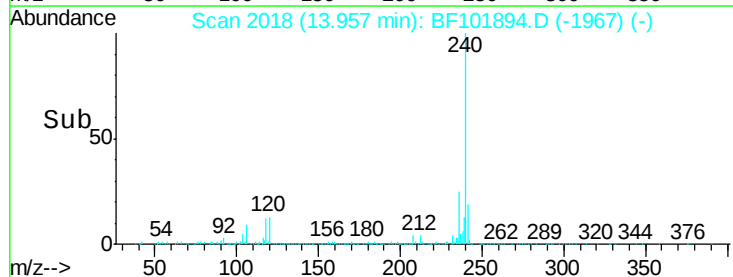
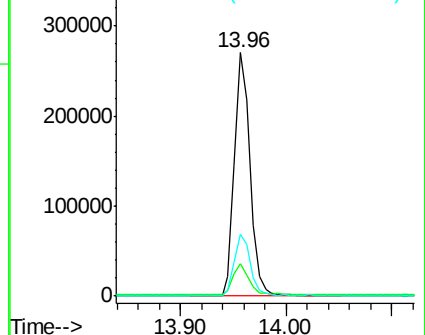
236 25.7 20.7 31.1

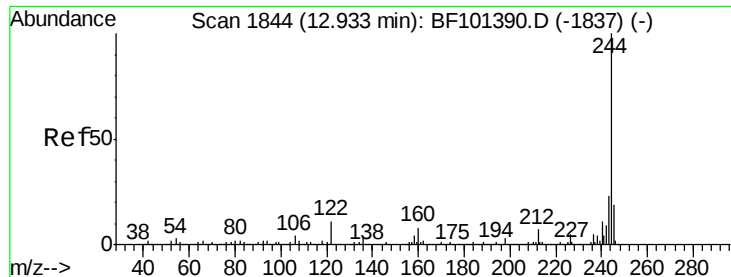


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 63.547 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

Instrument :

BNA_F

ClientSampleId :

JC-03-010318-H

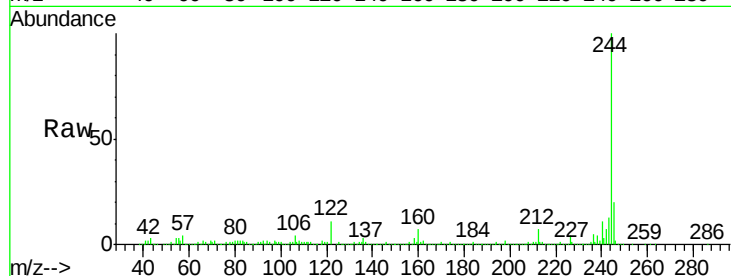
Tot Ion:244 Resp: 726801

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

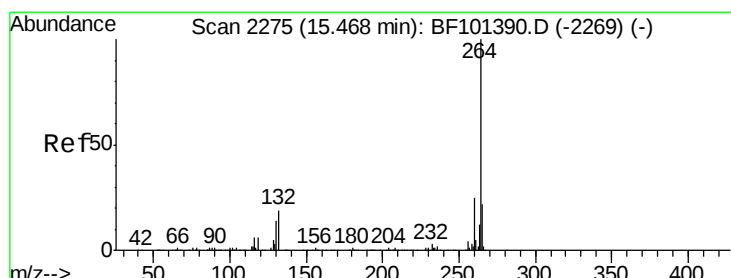
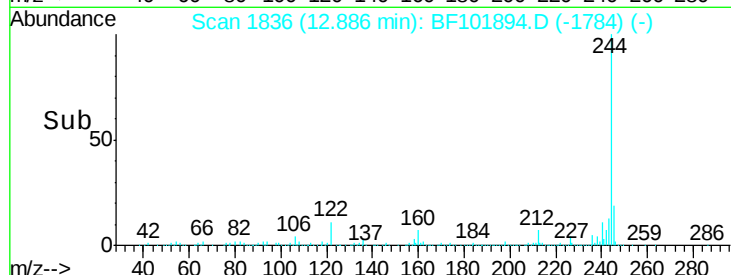
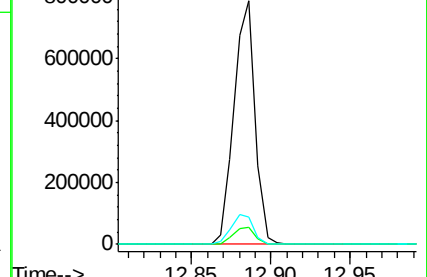
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF101894.D

Acq: 4 Jan 2018 16:47

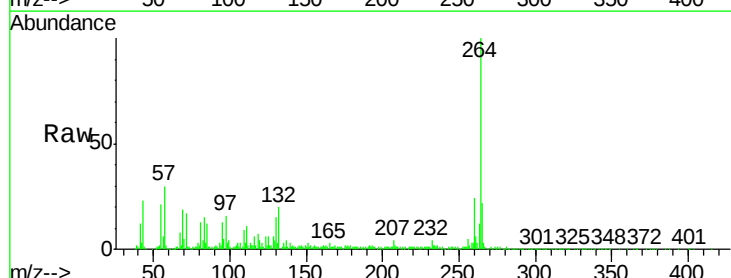
Tgt Ion:264 Resp: 253485

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 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

