

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104707.D
 Acq On : 23 Apr 2018 14:14
 Operator : JU/SJ
 Sample : J2493-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-RT-27438

Quant Time: Apr 23 17:23:48 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

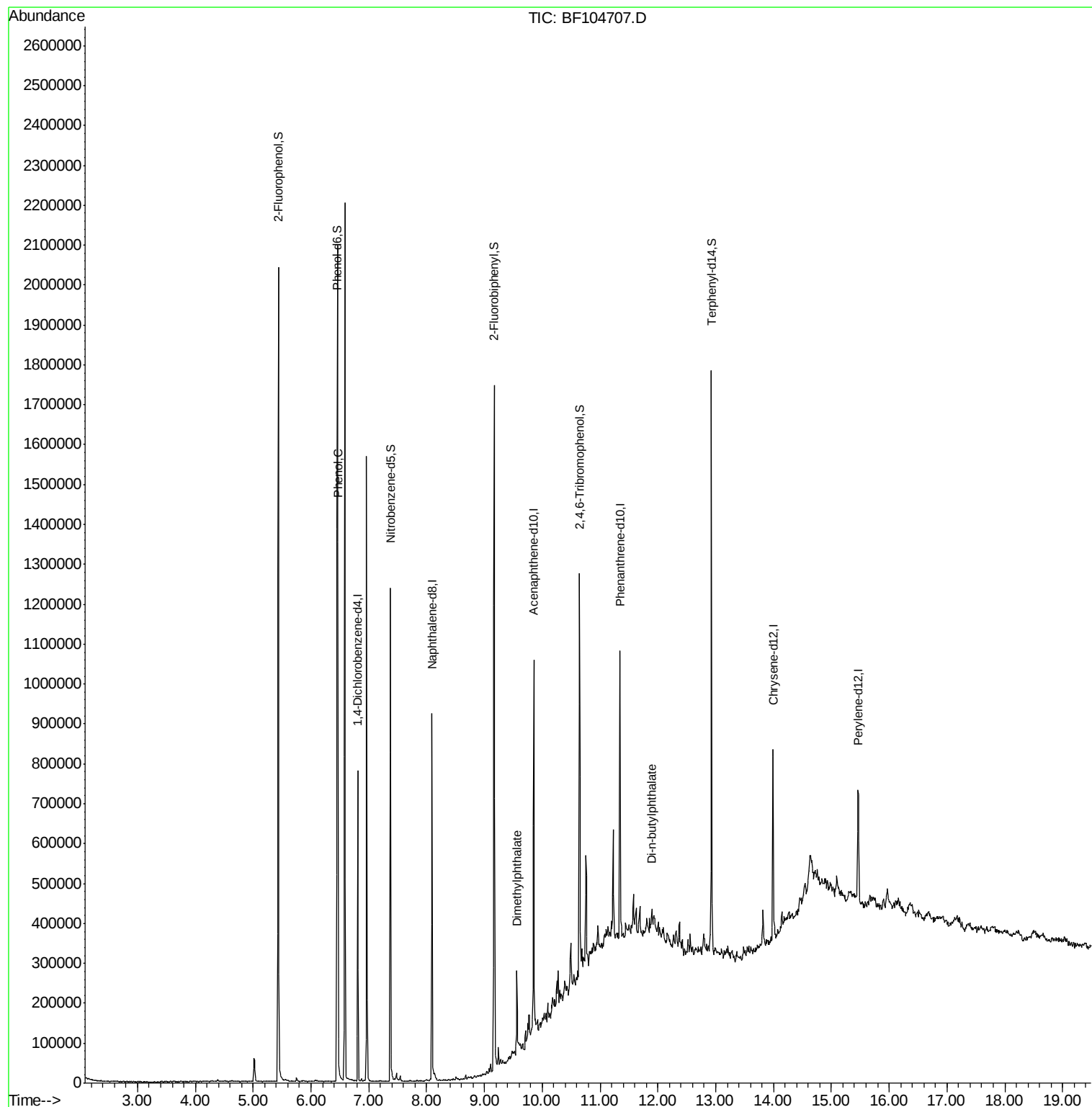
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	105893	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	418309	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	167765	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	265998	20.00	ng	0.01
75) Chrysene-d12	13.99	240	180458	20.00	ng	0.00
86) Perylene-d12	15.46	264	131753	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	614792	88.77	ng	0.02
7) Phenol-d6	6.46	99	724095	85.10	ng	0.01
23) Nitrobenzene-d5	7.37	82	382550	59.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	124187	71.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	514094	48.41	ng	0.00
78) Terphenyl-d14	12.93	244	458194	57.89	ng	0.00
Target Compounds						
10) Phenol	6.47	94	35516	3.934	ng	97
49) Dimethylphthalate	9.56	163	59872	4.526	ng	100
73) Di-n-butylphthalate	11.90	149	42137	2.344	ng	# 90

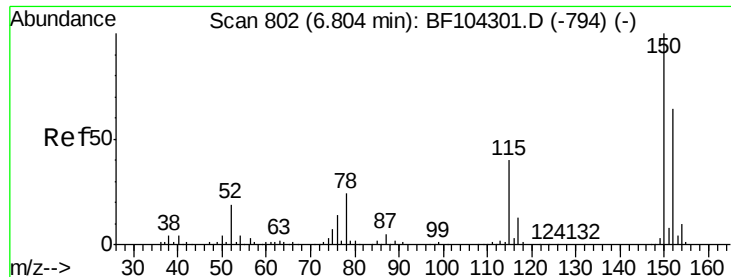
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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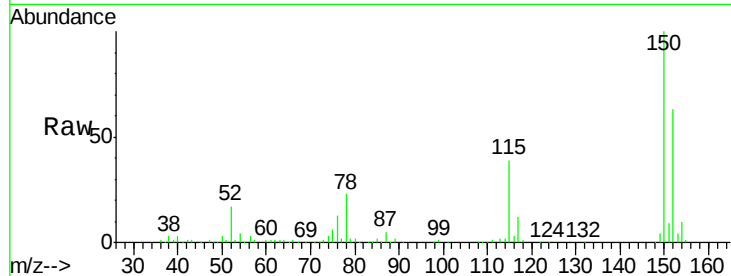


#1

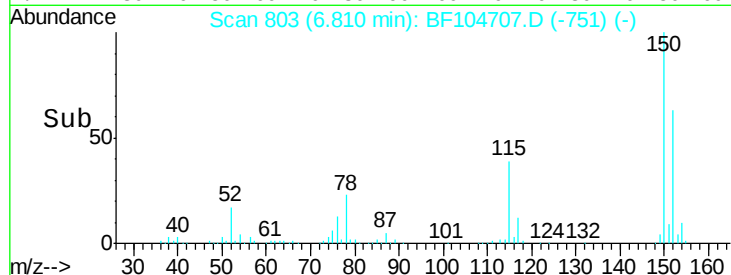
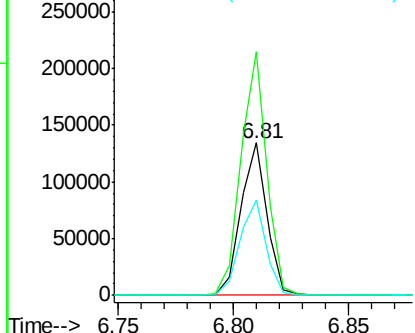
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
RS-RO-RT-27438

Tot Ion:152 Resp: 105893
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 62.6 50.1 75.1



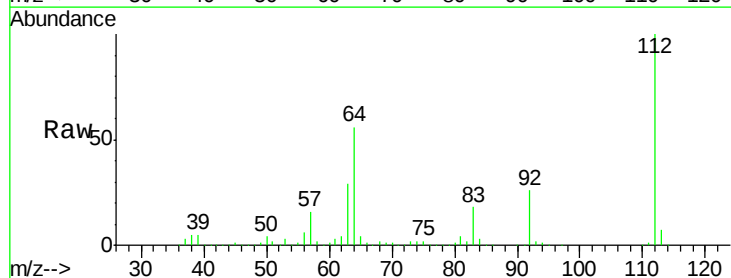
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



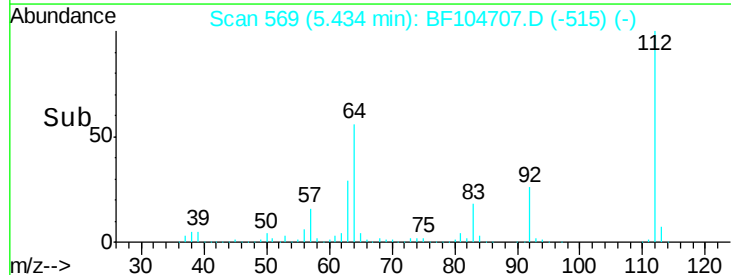
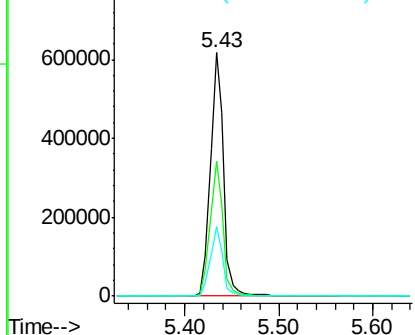
#5

2-Fluorophenol
Concen: 88.774 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Tgt Ion:112 Resp: 614792
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 28.7 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: 85.097 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

RS-RO-RT-27438

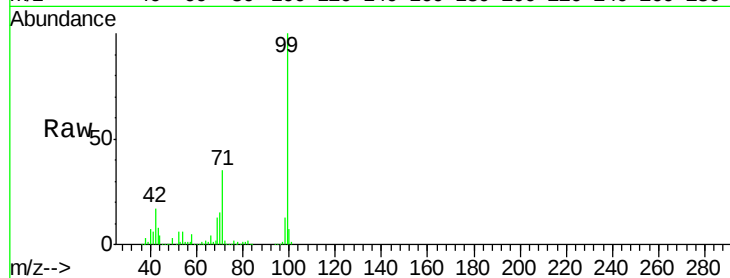
Tot Ion: 99 Resp: 724095

Ion Ratio Lower Upper

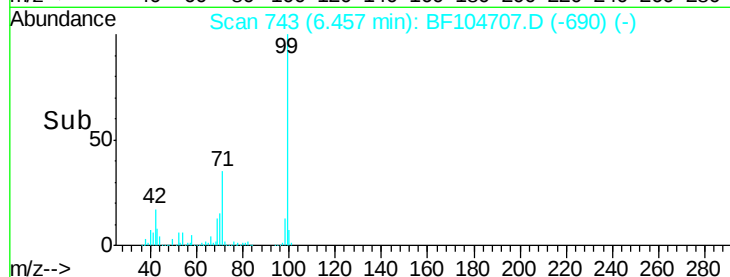
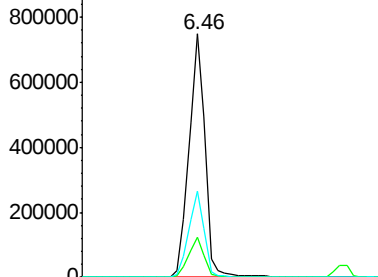
99 100

42 16.6 14.5 21.7

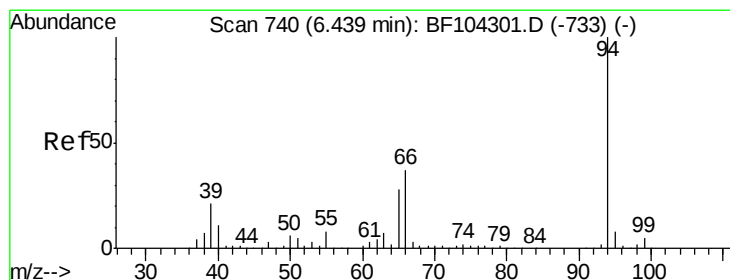
71 35.4 25.4 38.0



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



Time-->



#10

Phenol

Concen: 3.934 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

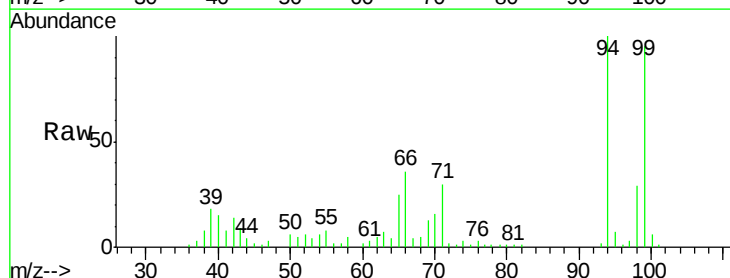
Tgt Ion: 94 Resp: 35516

Ion Ratio Lower Upper

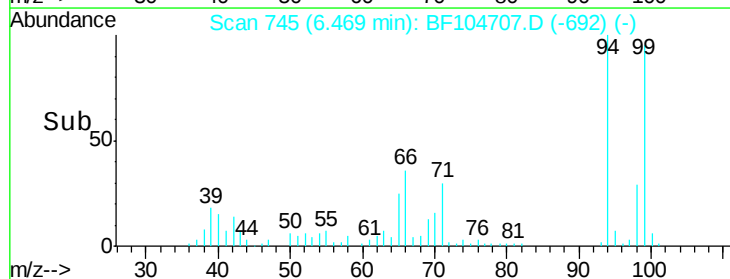
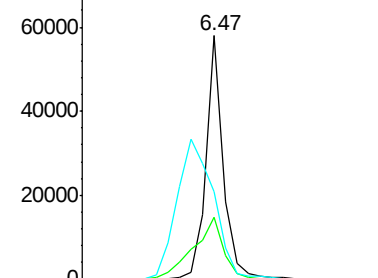
94 100

65 25.2 7.9 47.9

66 35.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



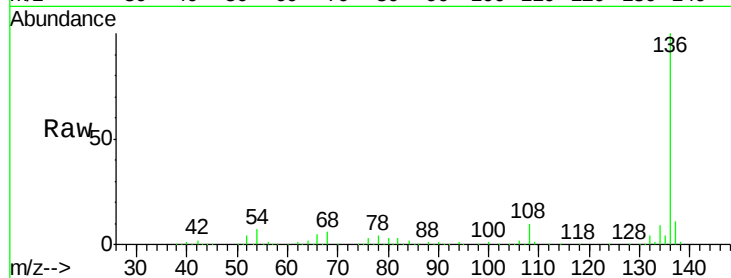
Time-->



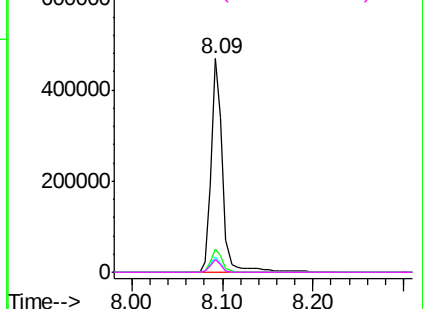
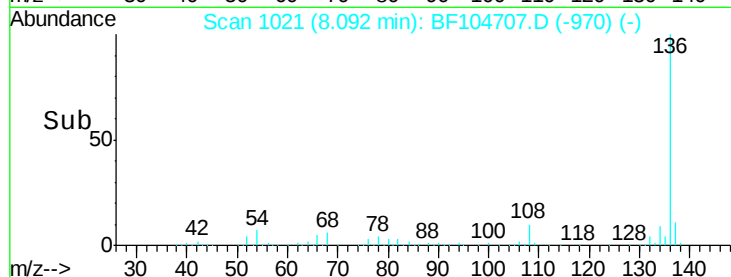
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
RS-RO-RT-27438

Tot Ion:136	Resp:	418309
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.0	6.6 9.8
68	6.2	5.0 7.4

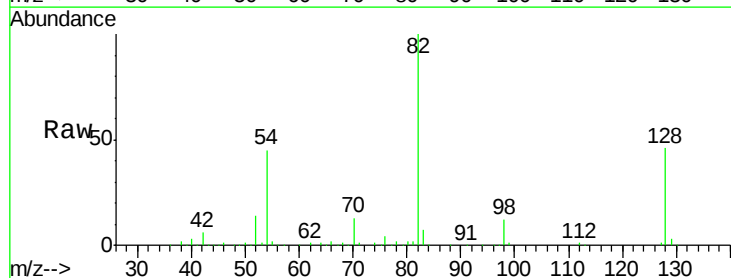


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

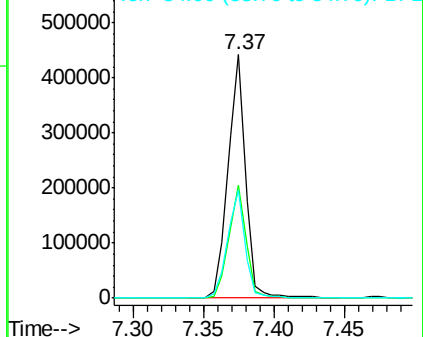
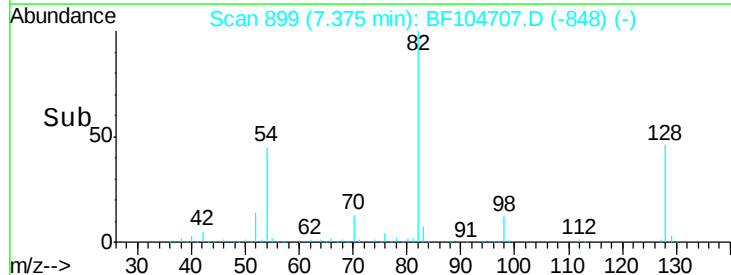


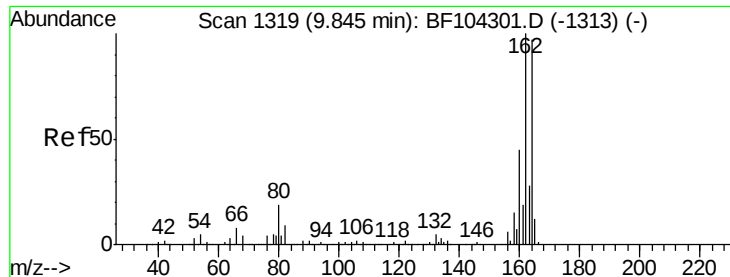
#23
Nitrobenzene-d5
Concen: 59.716 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Tgt Ion: 82	Resp:	382550
Ion Ratio	Lower	Upper
82	100	
128	46.2	36.1 54.1
54	44.5	41.4 62.2



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

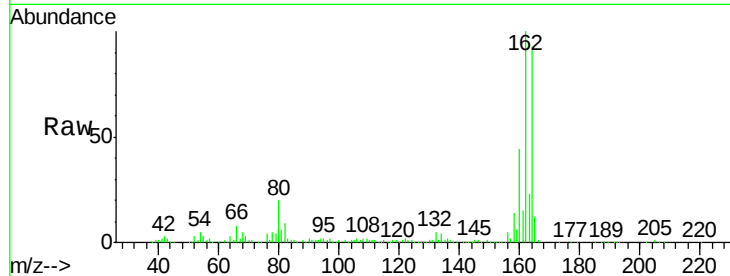




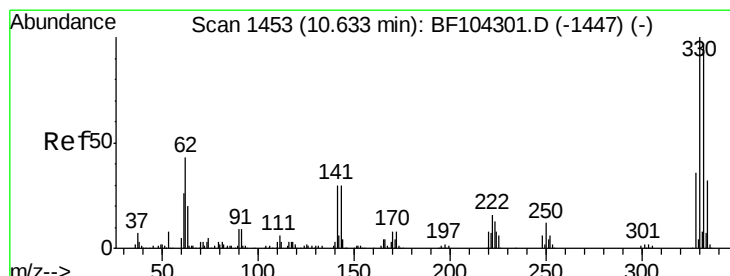
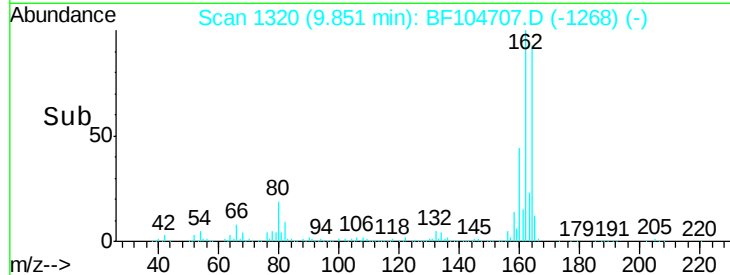
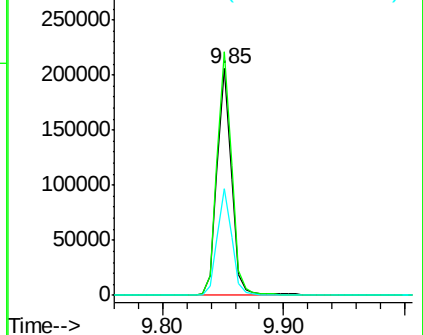
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104707.D
 Acq: 23 Apr 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-RT-27438

Tot Ion:164 Resp: 167765
 Ion Ratio Lower Upper
 164 100
 162 107.4 86.1 129.1
 160 47.3 38.3 57.5

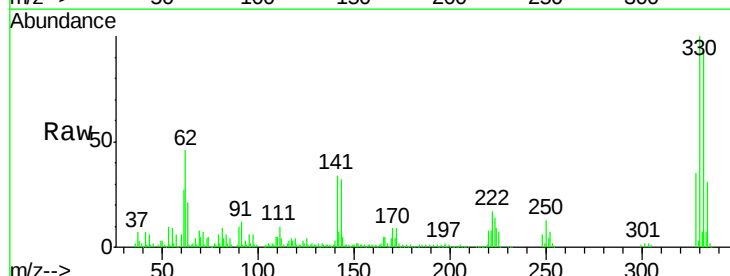


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

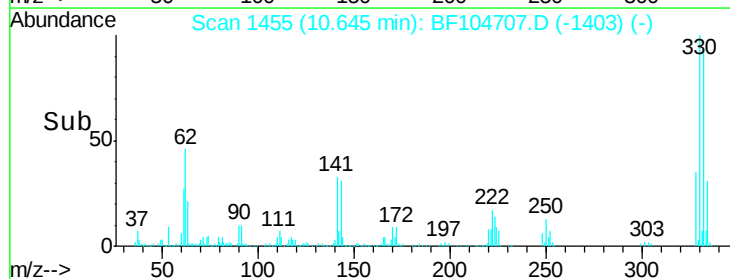
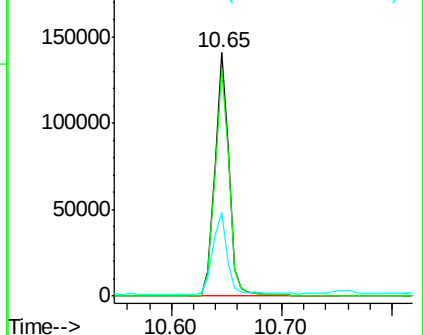


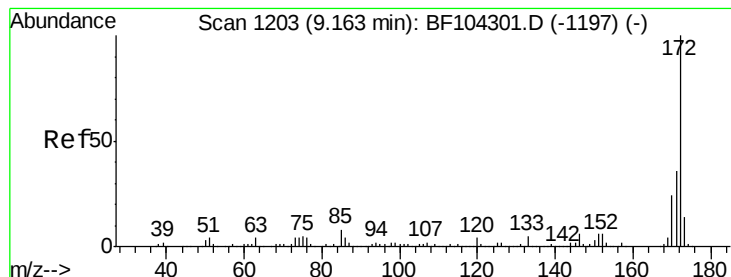
#41
 2,4,6-Tribromophenol
 Concen: 71.361 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104707.D
 Acq: 23 Apr 2018 14:14

Tgt Ion:330 Resp: 124187
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 33.6 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: 48.409 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

RS-RO-RT-27438

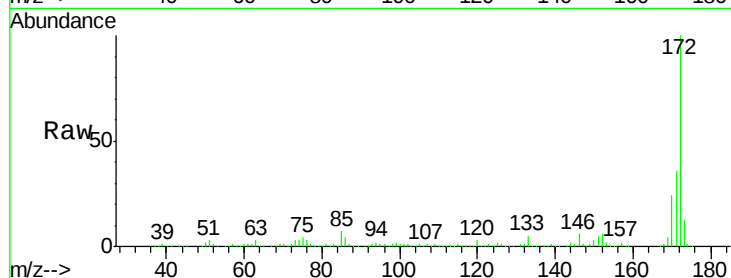
Tot Ion:172 Resp: 514094

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

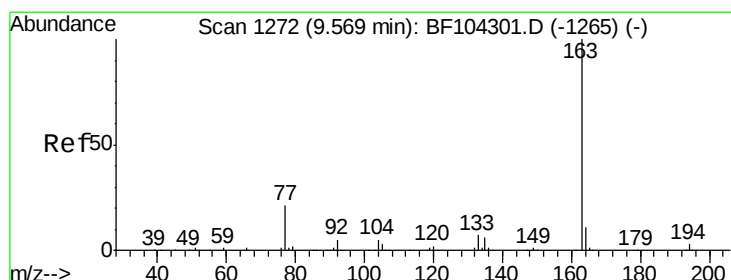
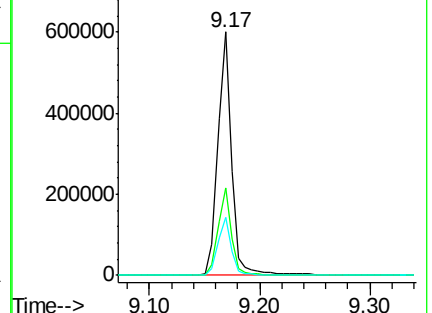
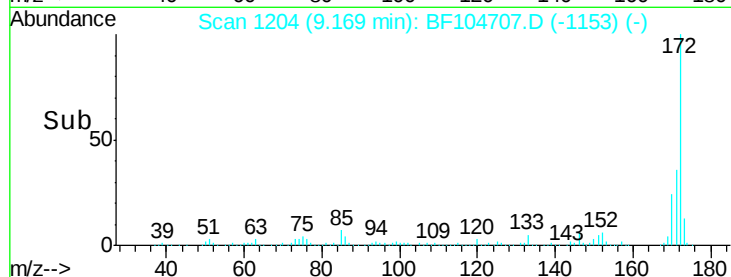
170 24.0 19.6 29.4



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: 4.526 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

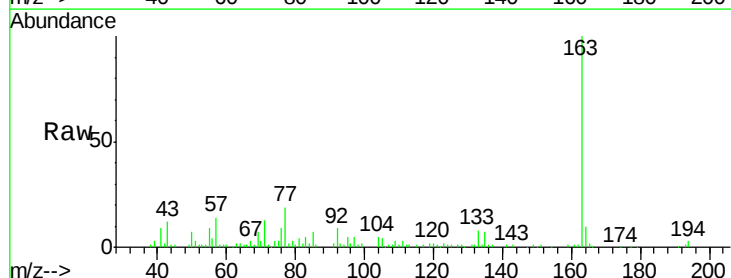
Tgt Ion:163 Resp: 59872

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

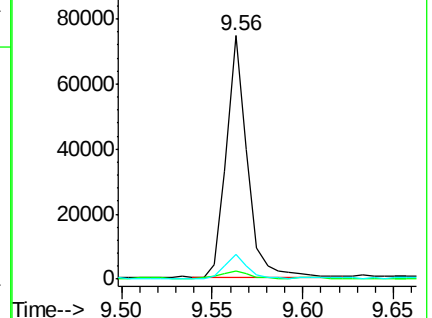
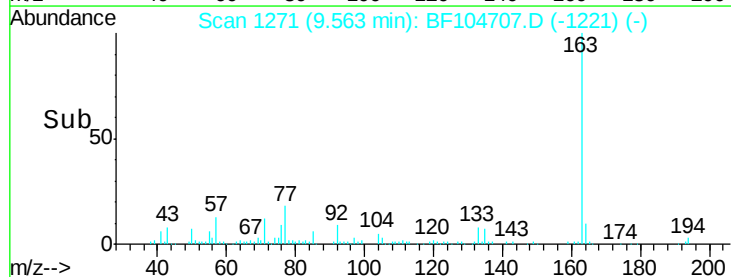
164 10.3 8.2 12.2

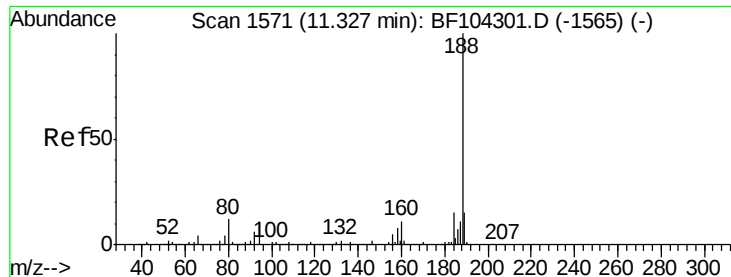


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

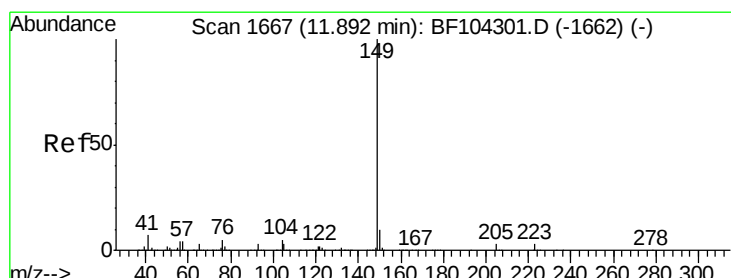
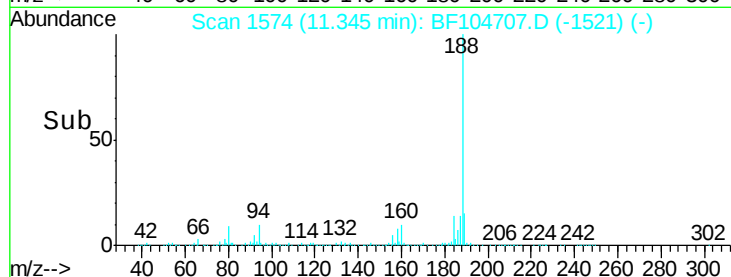
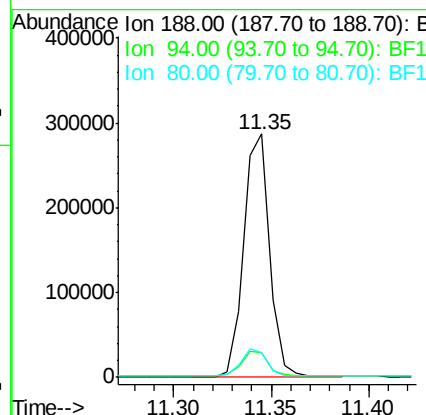
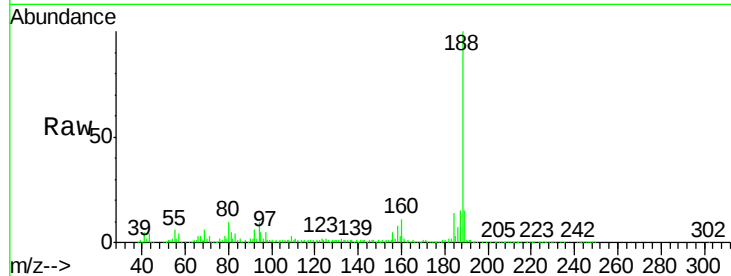




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

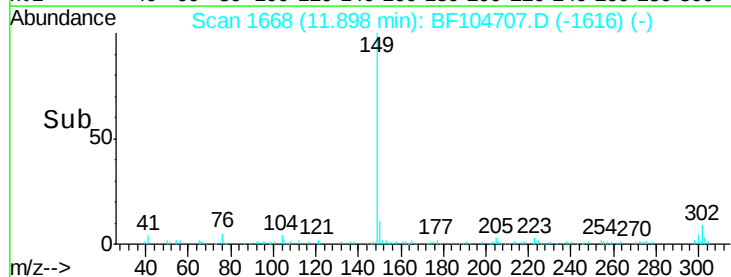
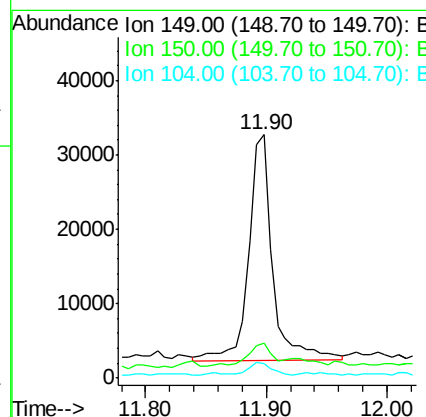
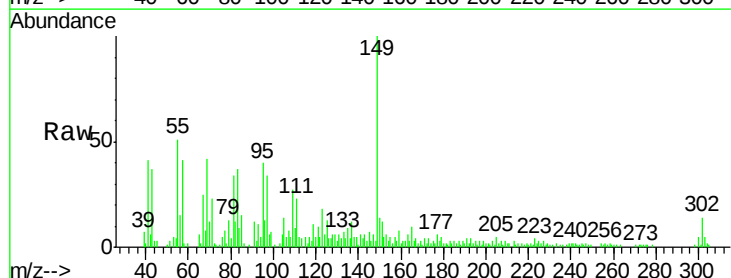
Instrument :
BNA_F
ClientSampleId :
RS-RO-RT-27438

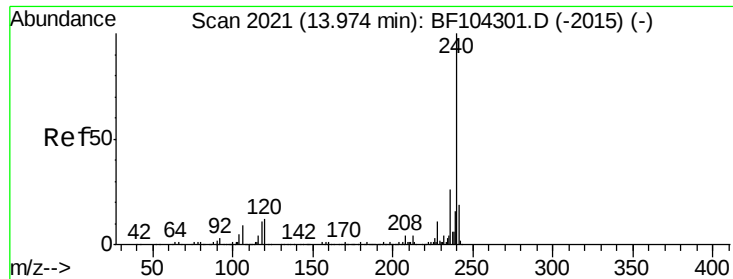
Tot Ion:188 Resp: 265998
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 9.9 9.2 13.8



#73
Di-n-butylphthalate
Concen: 2.344 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Tgt Ion:149 Resp: 42137
Ion Ratio Lower Upper
149 100
150 14.4 7.8 11.6#
104 5.9 3.8 5.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

Instrument :

BNA_F

ClientSampleId :

RS-RO-RT-27438

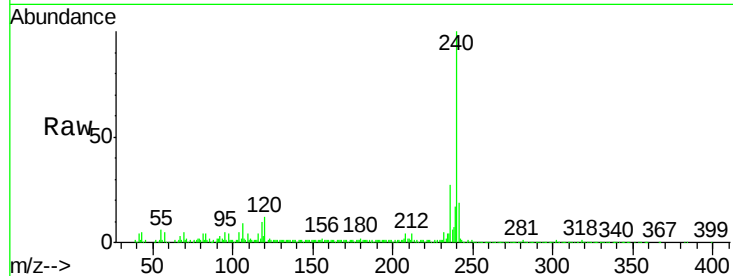
Tot Ion:240 Resp: 180458

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

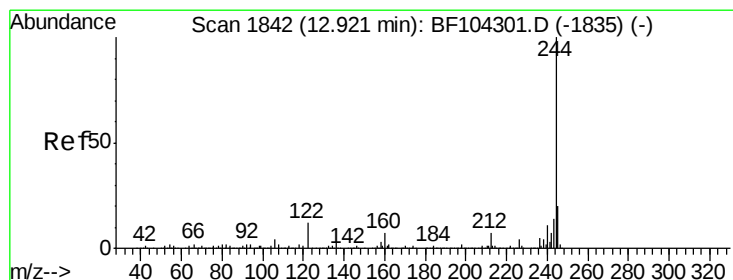
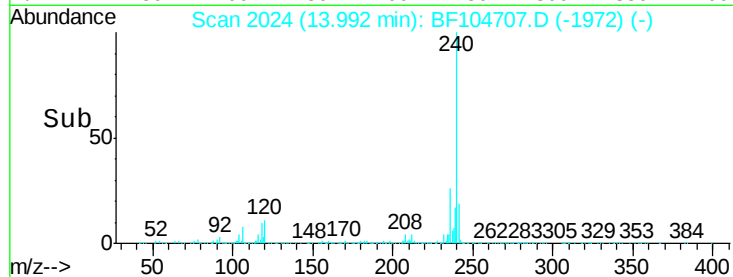
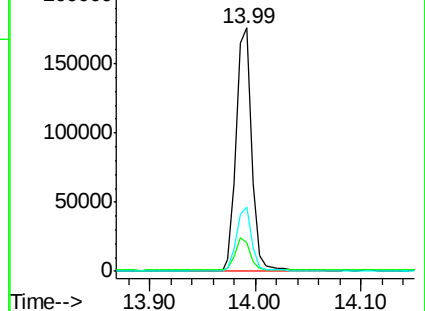
236 26.6 20.7 31.1



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: 57.886 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104707.D

Acq: 23 Apr 2018 14:14

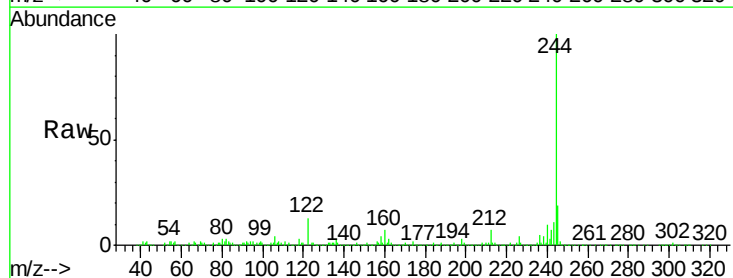
Tgt Ion:244 Resp: 458194

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

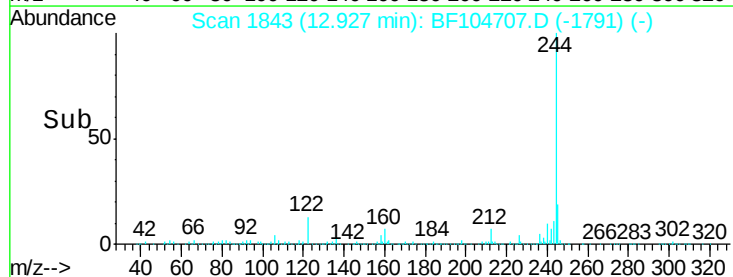
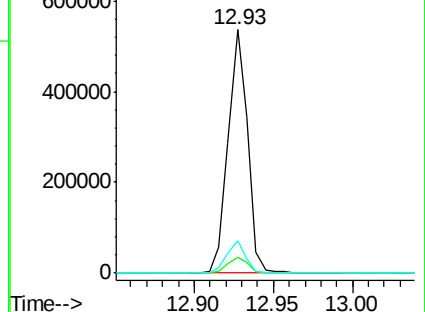
122 13.2 11.0 16.4

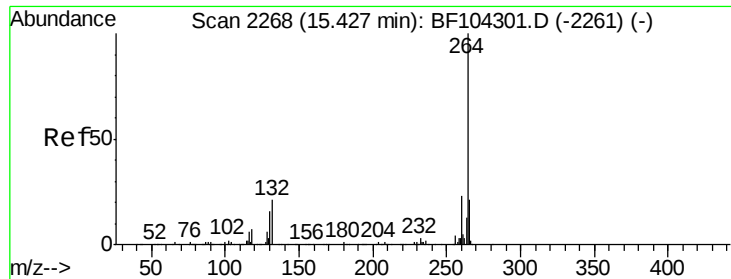


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



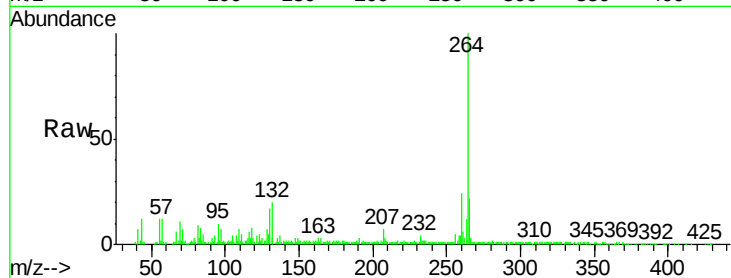


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104707.D
Acq: 23 Apr 2018 14:14

Instrument :
BNA_F
ClientSampleId :
RS-RO-RT-27438

Tot Ion:264 Resp: 131753

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	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

