

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102961.D
 Acq On : 13 Feb 2018 15:03
 Operator : SJ/JU
 Sample : J1397-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-B

Quant Time: Feb 14 01:09:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

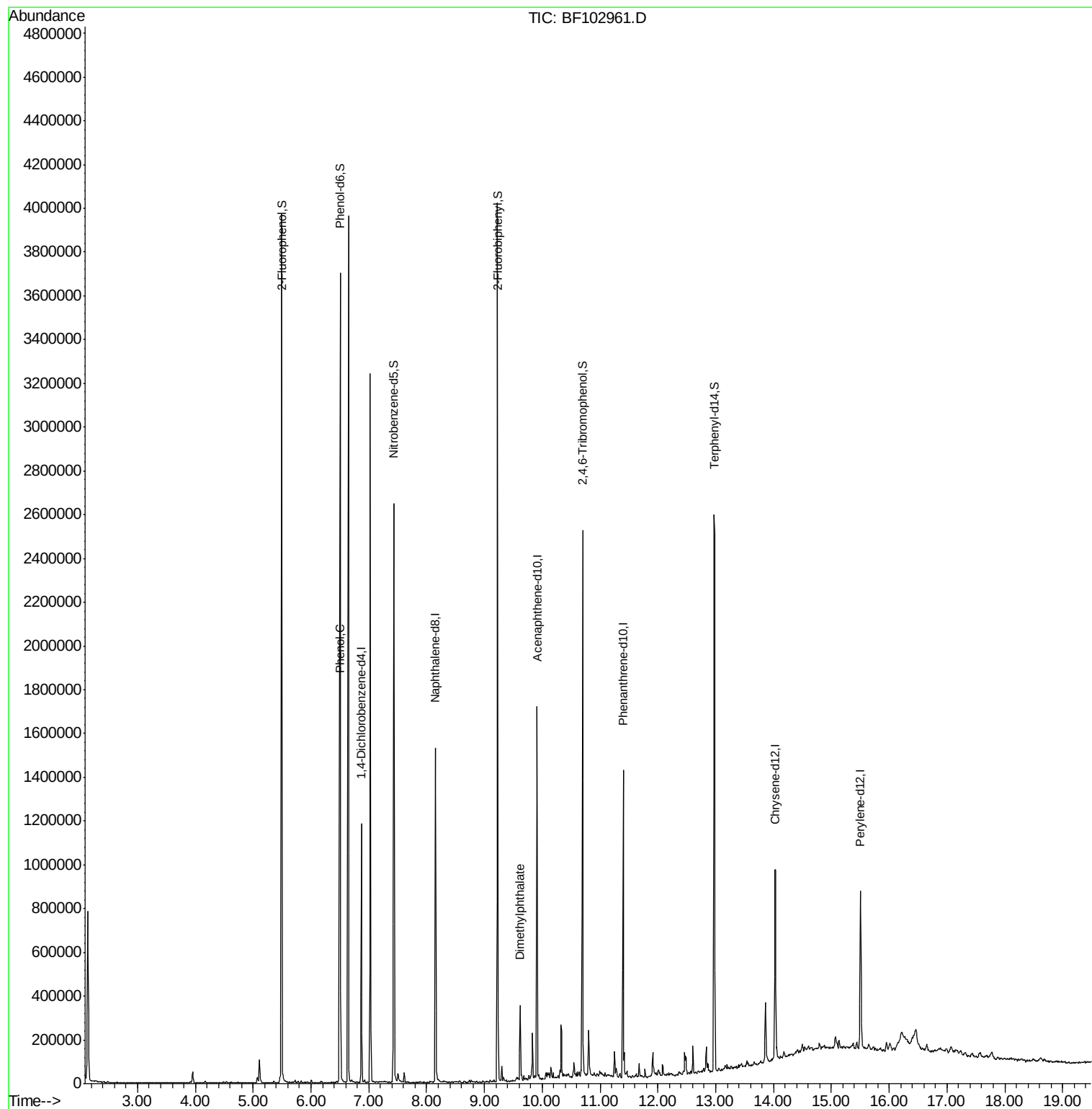
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162673	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	702907	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	317550	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	515415	20.00	ng	0.00
75) Chrysene-d12	14.03	240	295549	20.00	ng	0.00
86) Perylene-d12	15.50	264	305705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1134667	105.93	ng	0.00
7) Phenol-d6	6.50	99	1376485	106.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	891745	88.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	277784	108.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1269430	66.33	ng	-0.01
78) Terphenyl-d14	12.98	244	871419	69.81	ng	0.00
Target Compounds						
10) Phenol	6.52	94	95050	6.877	ng	99
49) Dimethylphthalate	9.62	163	117559	4.748	ng	99

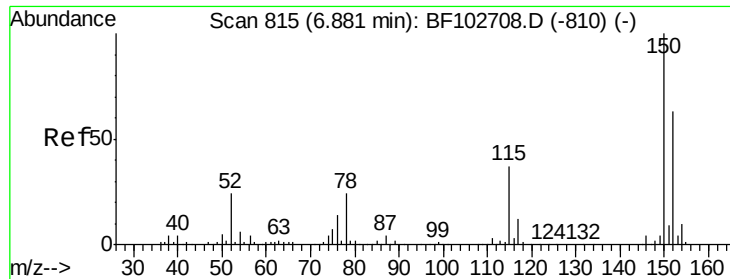
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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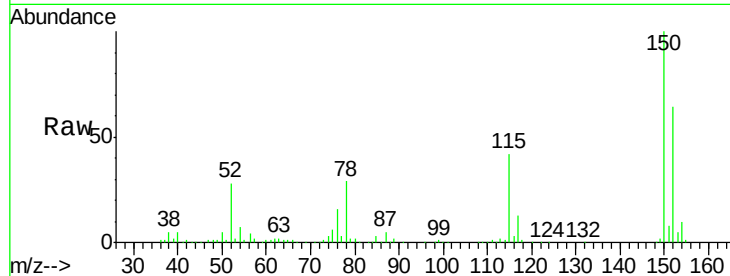


#1

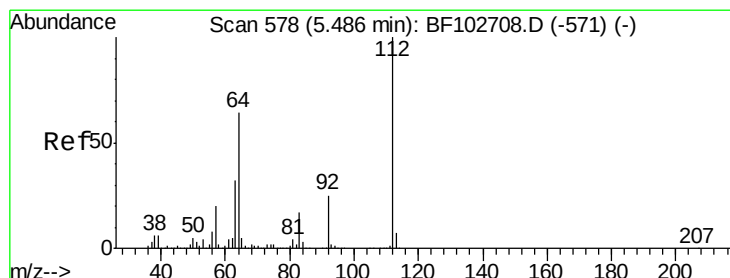
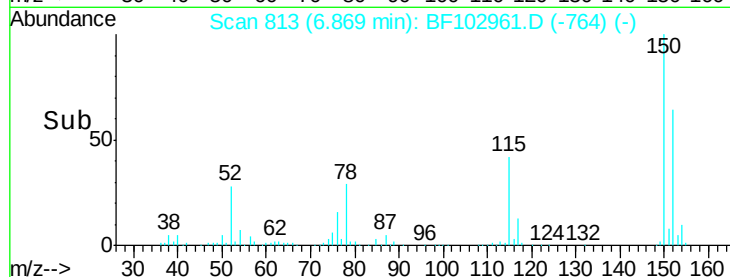
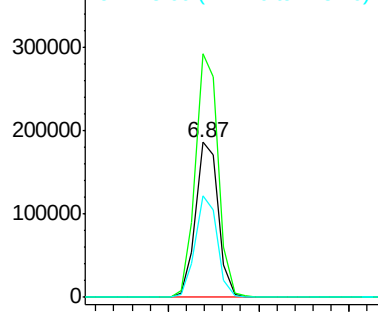
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-B

Tot Ion:152 Resp: 162673
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 65.7 50.1 75.1



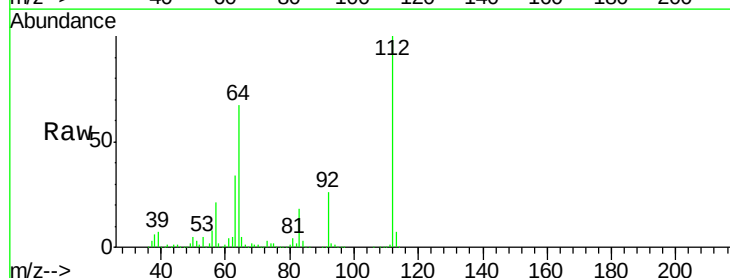
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



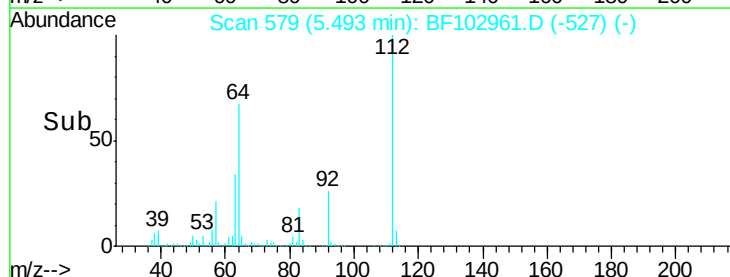
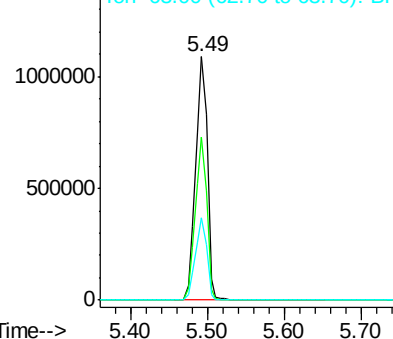
#5

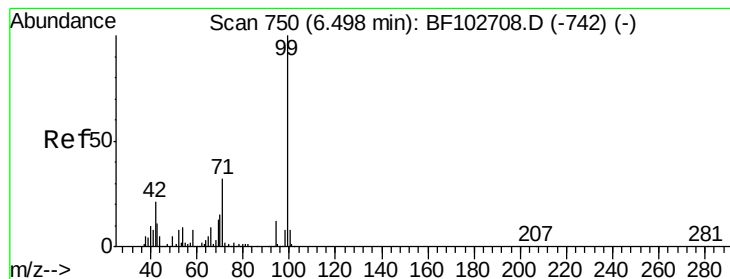
2-Fluorophenol
Concen: 105.929 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Tgt Ion:112 Resp: 1134667
Ion Ratio Lower Upper
112 100
64 66.9 47.9 71.9
63 34.0 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: 106.725 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-B

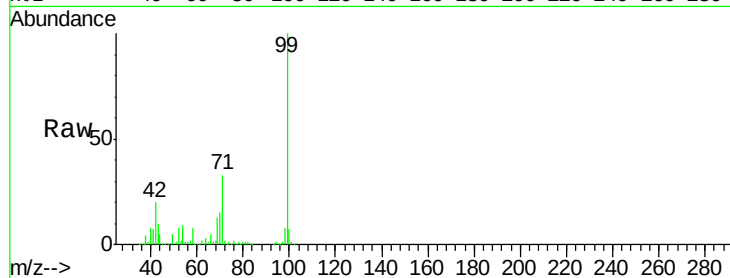
Tot Ion: 99 Resp: 1376485

Ion Ratio Lower Upper

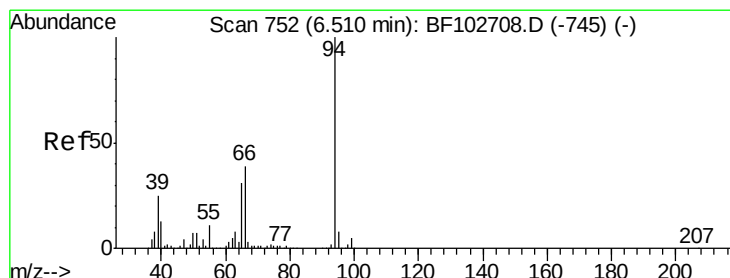
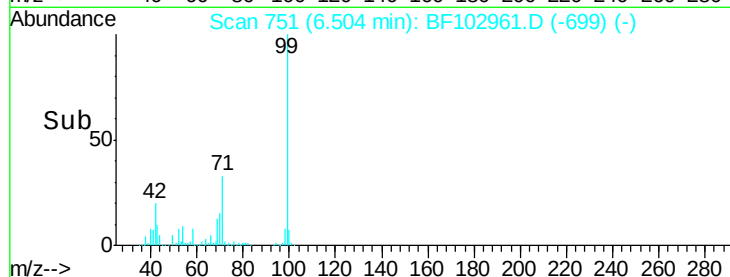
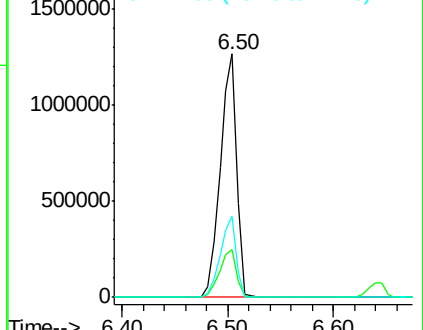
99 100

42 19.6 14.5 21.7

71 33.4 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



#10

Phenol

Concen: 6.877 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

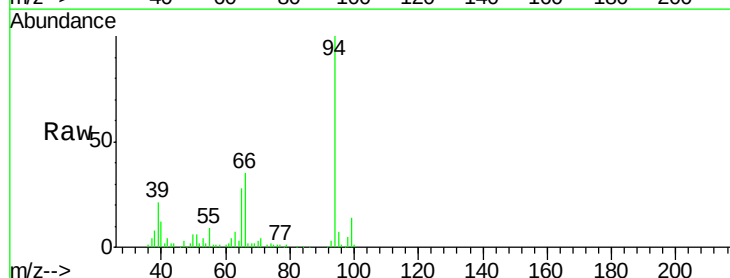
Tgt Ion: 94 Resp: 95050

Ion Ratio Lower Upper

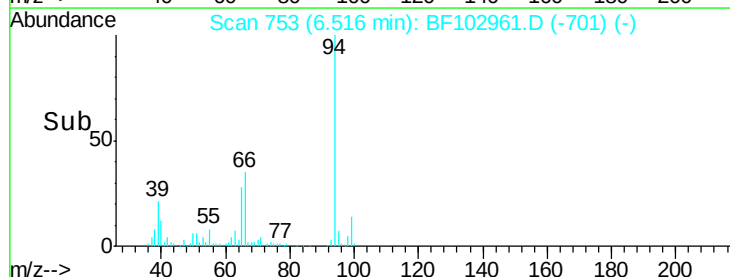
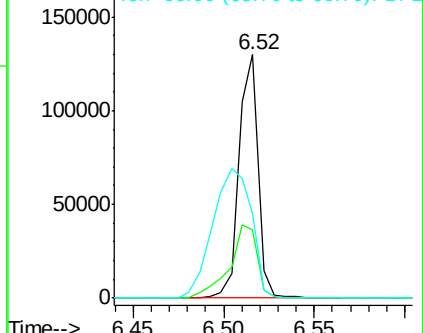
94 100

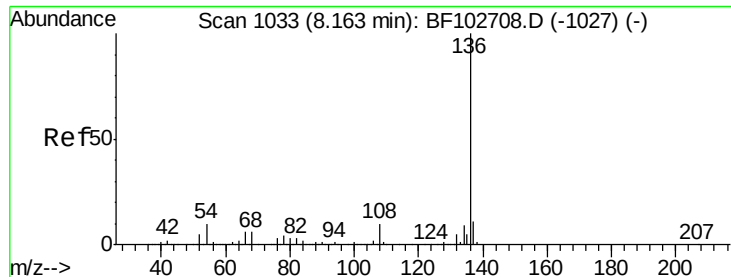
65 28.0 7.9 47.9

66 35.1 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

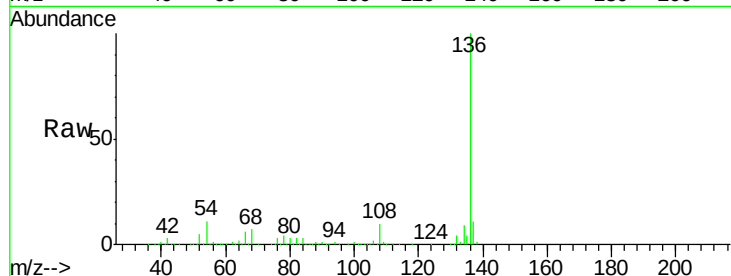




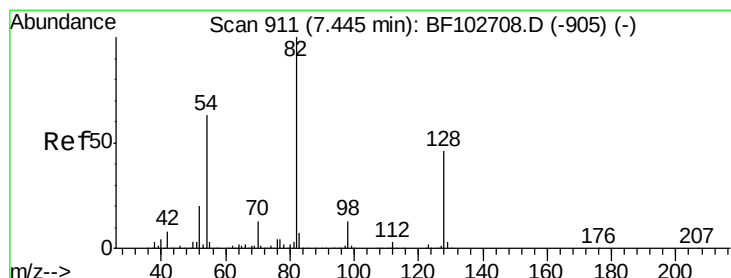
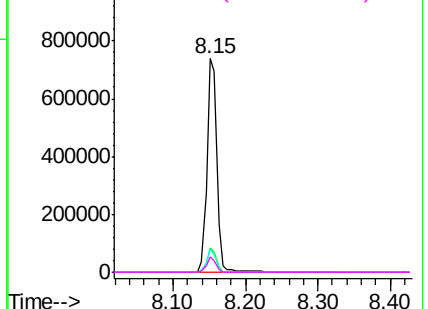
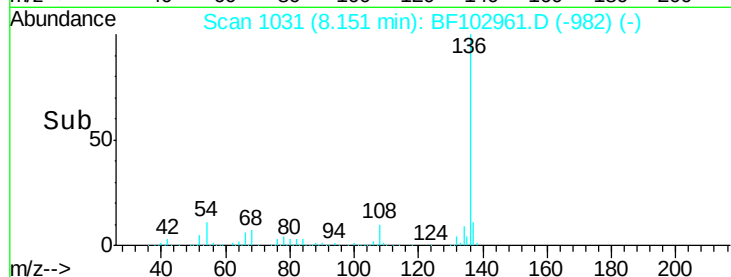
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-B

Tot Ion:136	Resp:	702907
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	10.5	6.6 9.8#
68	7.2	5.0 7.4

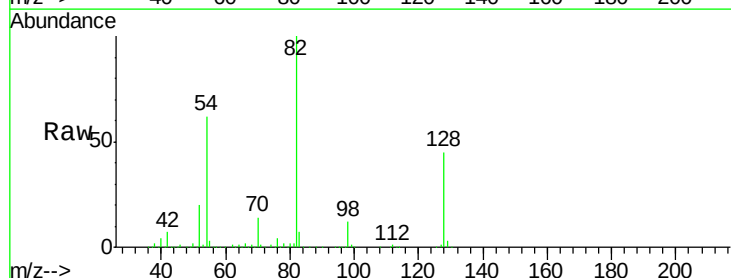


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

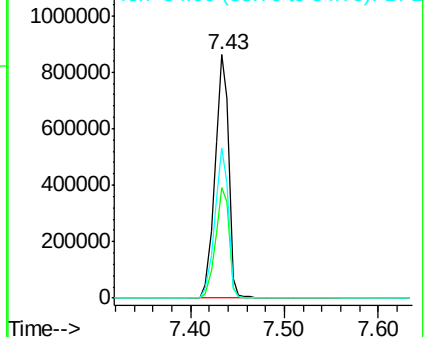
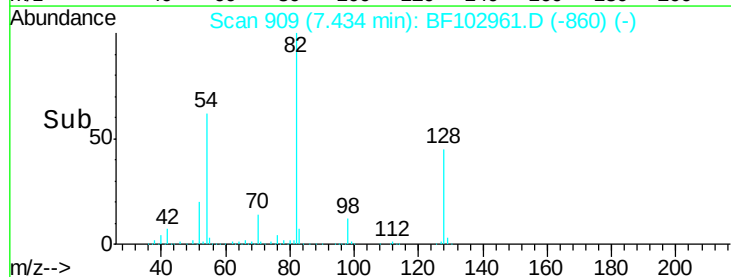


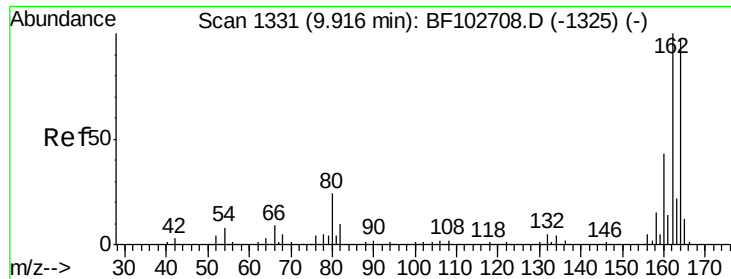
#23
Nitrobenzene-d5
Concen: 88.007 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Tgt Ion: 82	Resp:	891745
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.1 54.1
54	61.6	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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-B

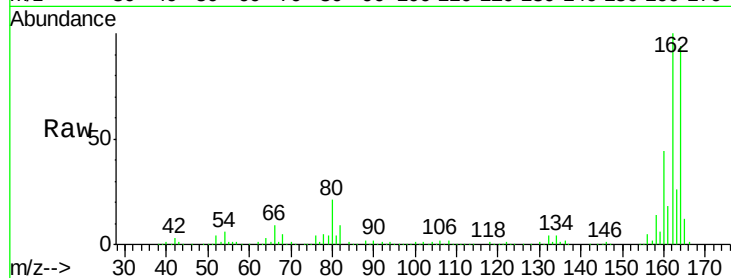
Tot Ion:164 Resp: 317550

Ion Ratio Lower Upper

164 100

162 106.9 86.1 129.1

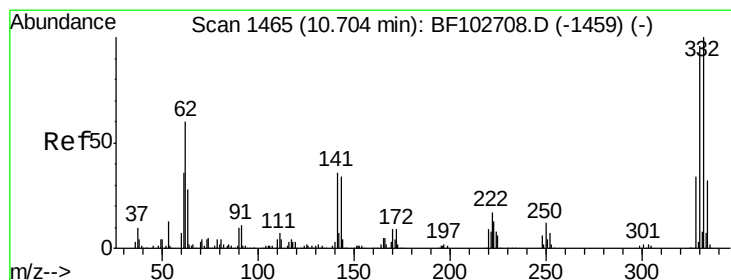
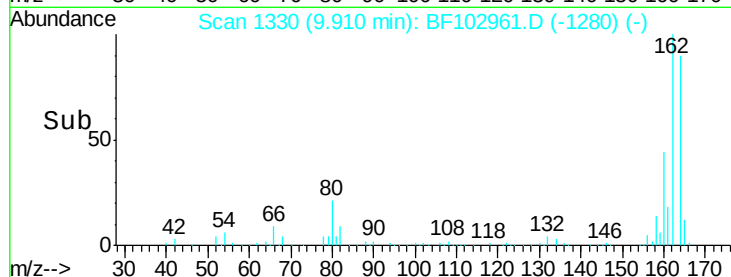
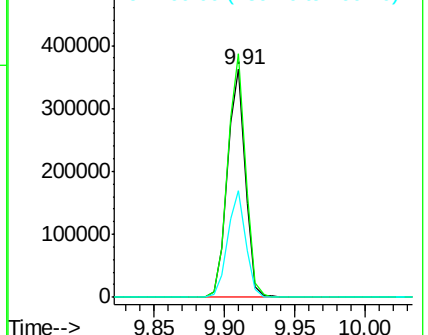
160 46.9 38.3 57.5



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: 108.683 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

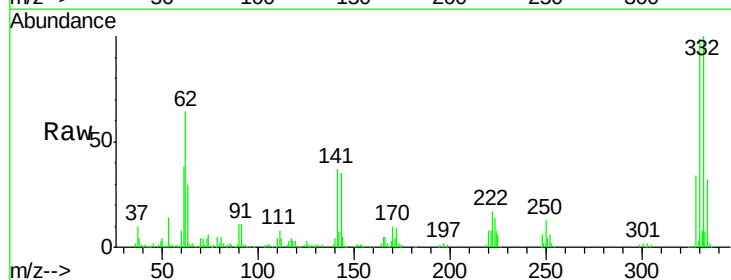
Tgt Ion:330 Resp: 277784

Ion Ratio Lower Upper

330 100

332 101.6 77.0 115.6

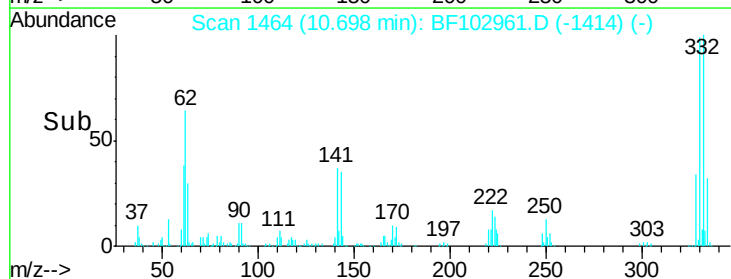
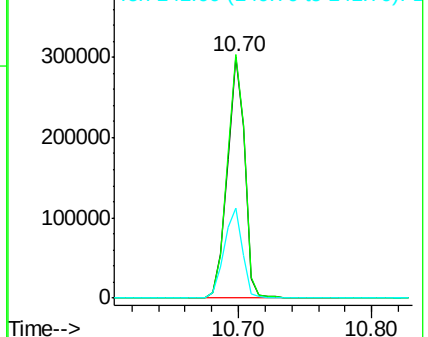
141 39.6 29.9 44.9

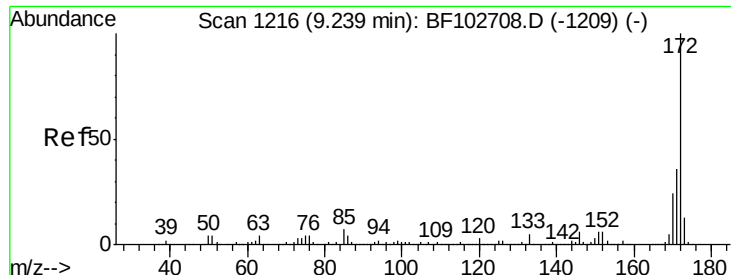


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

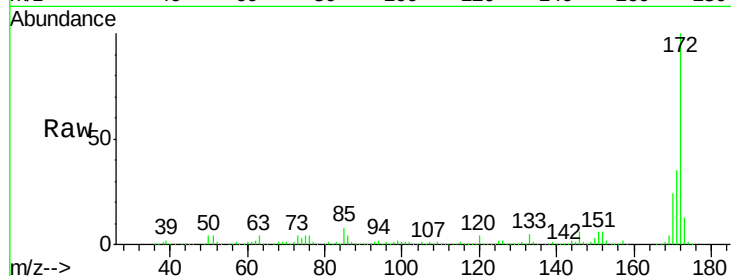




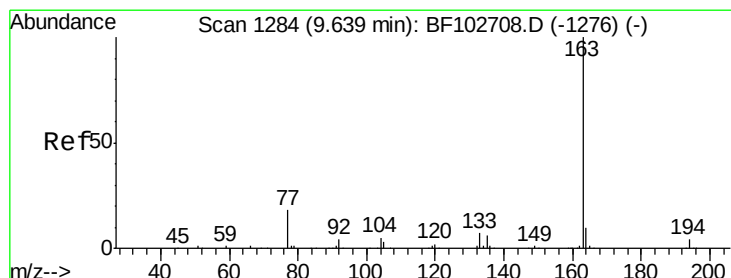
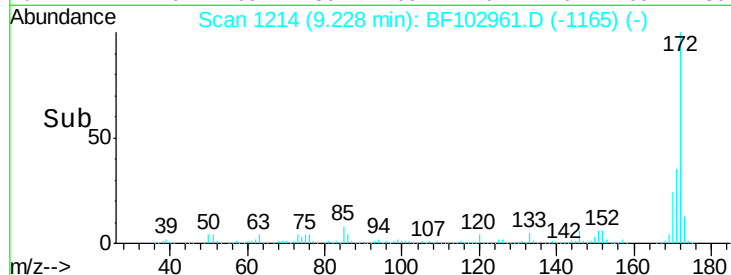
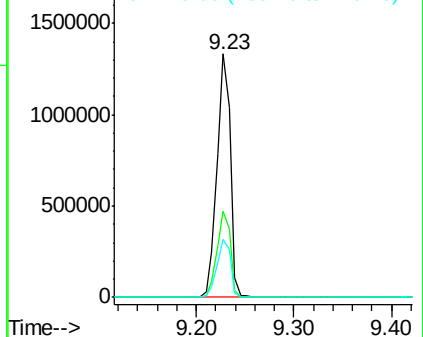
#44
2-Fluorobiphenyl
Concen: 66.334 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-B

Tot Ion:172 Resp: 1269430
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.1 19.6 29.4

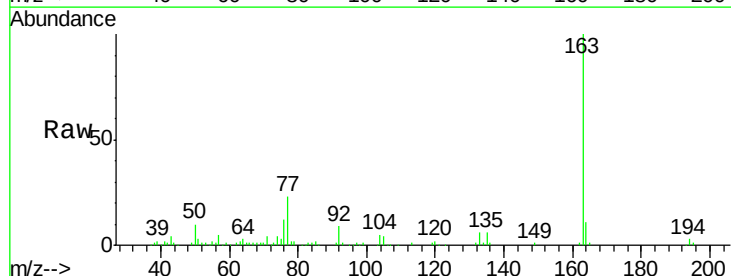


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

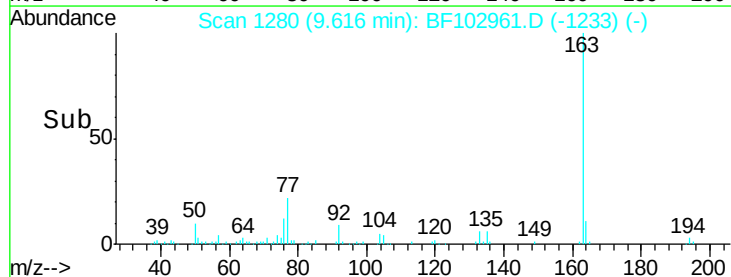
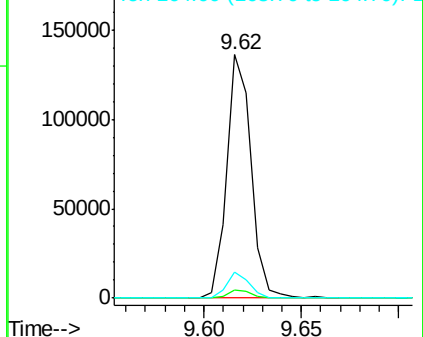


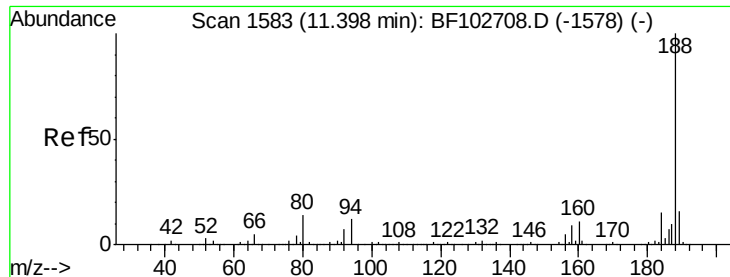
#49
Dimethylphthalate
Concen: 4.748 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF102961.D
Acq: 13 Feb 2018 15:03

Tgt Ion:163 Resp: 117559
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.8 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: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-B

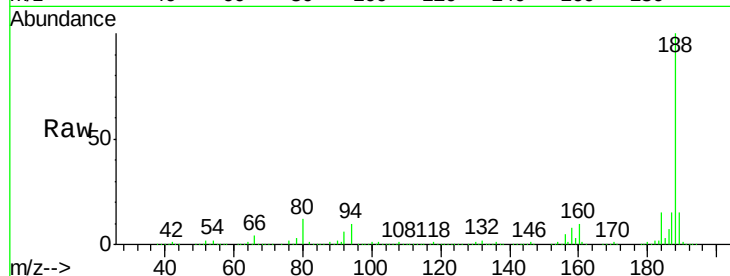
Tot Ion:188 Resp: 515415

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

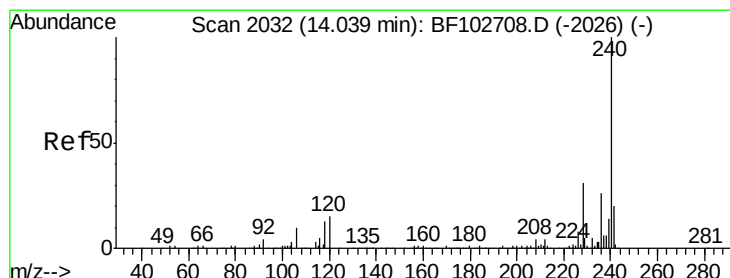
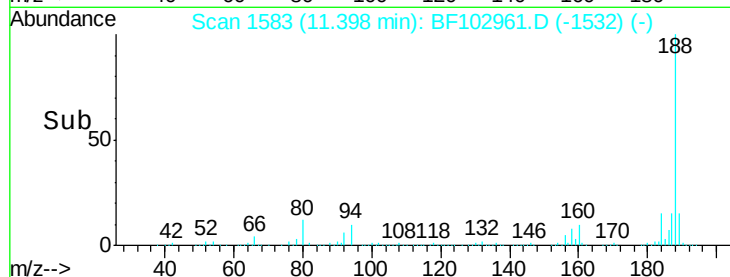
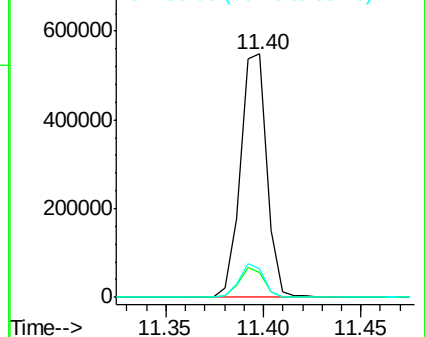
80 11.7 9.2 13.8



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

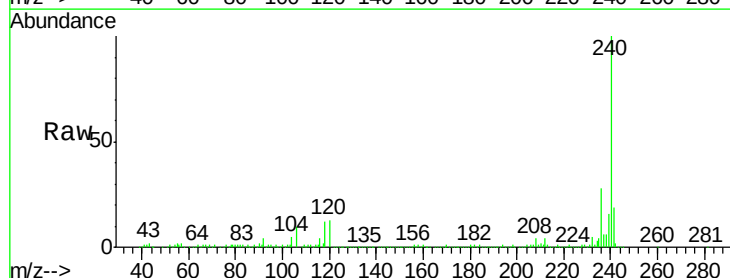
Tgt Ion:240 Resp: 295549

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

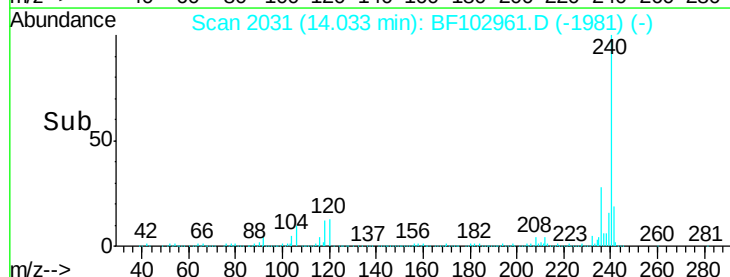
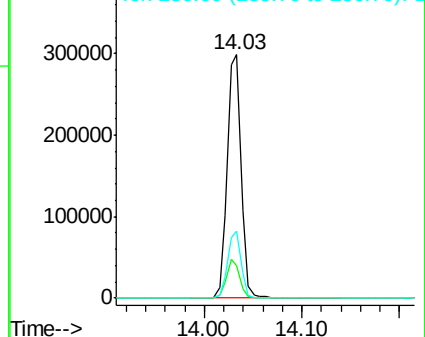
236 27.7 20.7 31.1

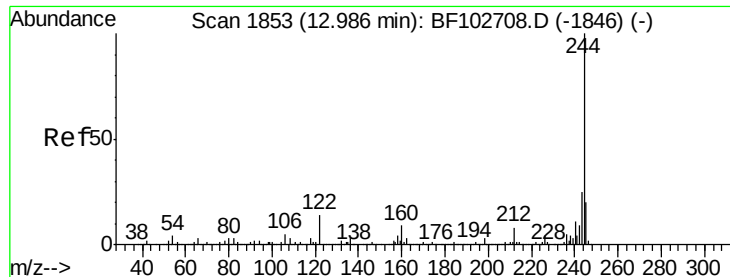


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.813 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

Instrument :

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CL-01-021218-B

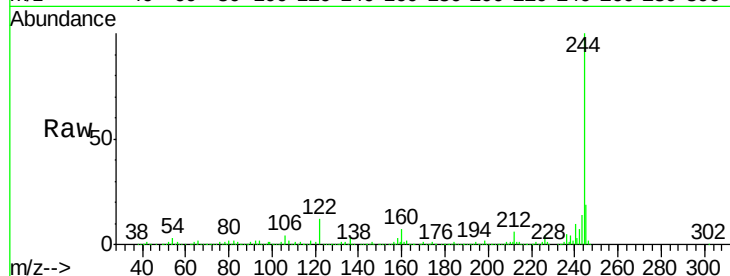
Tot Ion:244 Resp: 871419

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

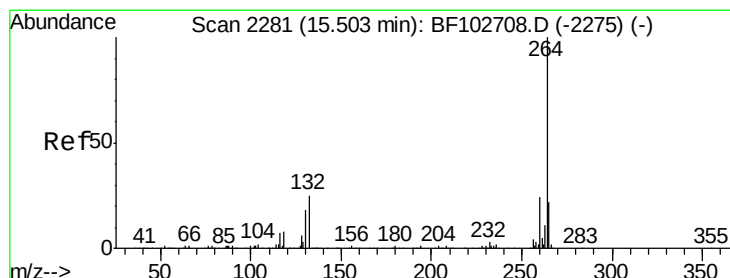
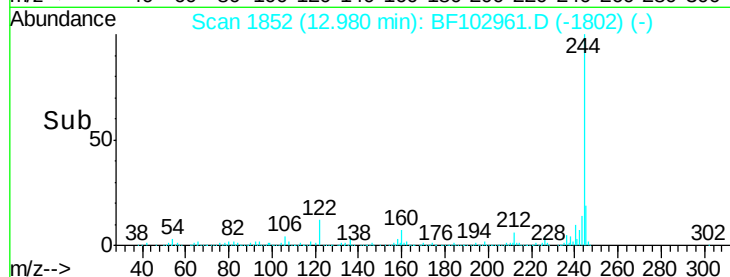
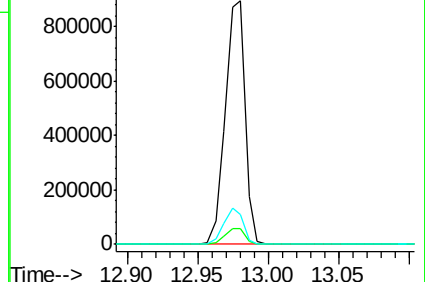
122 12.4 11.0 16.4



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: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF102961.D

Acq: 13 Feb 2018 15:03

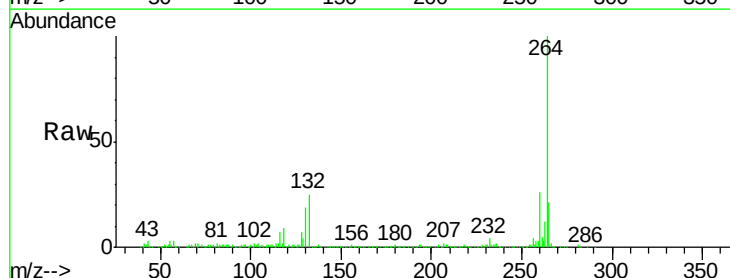
Tgt Ion:264 Resp: 305705

Ion Ratio Lower Upper

264 100

260 25.6 19.2 28.8

265 21.4 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

