

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102160.D
 Acq On : 17 Jan 2018 19:53
 Operator : SJ/JU
 Sample : J1167-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-12000

Quant Time: Jan 18 03:14:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

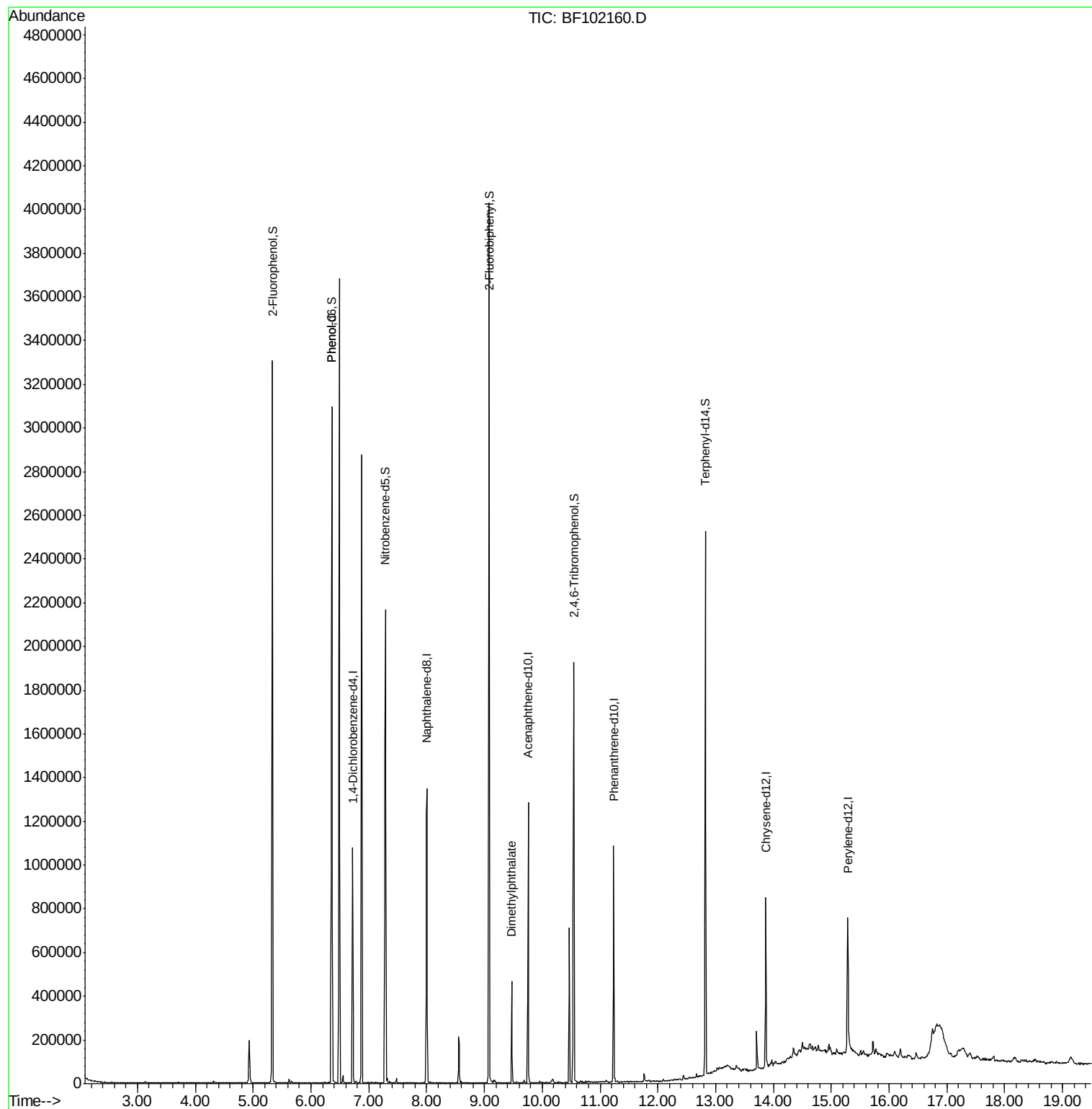
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156128	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	613035	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	254414	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	371639	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262502	20.00	ng	0.00
86) Perylene-d12	15.29	264	273741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	991832	89.71	ng	0.01
7) Phenol-d6	6.36	99	1154877	87.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	719368	68.96	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	218941	98.61	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1245561	76.49	ng	0.00
78) Terphenyl-d14	12.82	244	791400	62.60	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53471	3.587	ng	88
49) Dimethylphthalate	9.47	163	175336	8.591	ng	99

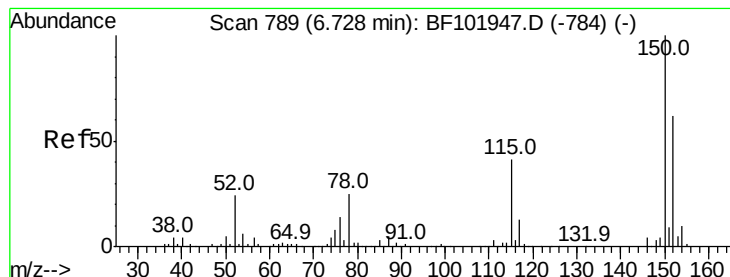
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

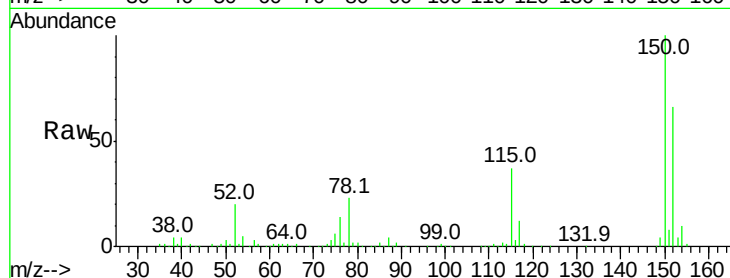
Tot Ion:152 Resp: 156128

Ion Ratio Lower Upper

152 100

150 151.5 124.6 186.8

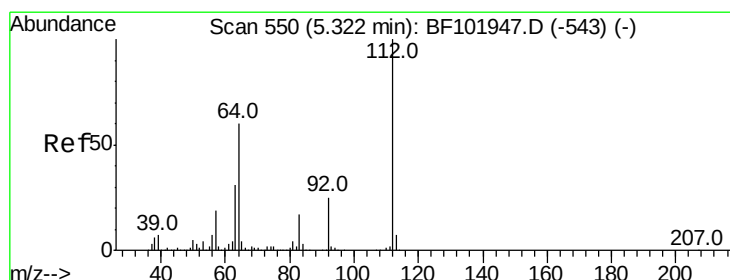
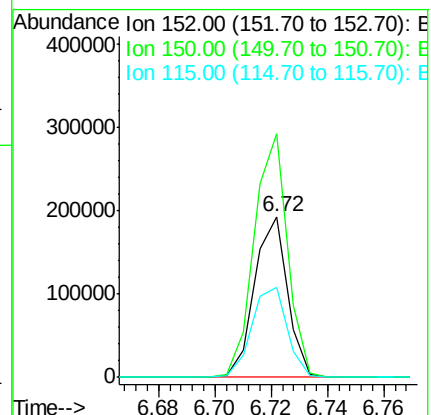
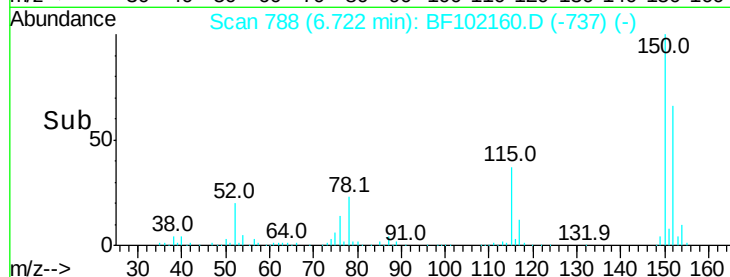
115 56.0 50.1 75.1



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: 89.705 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

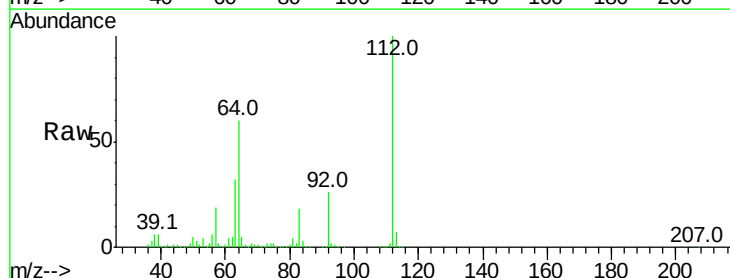
Tgt Ion:112 Resp: 991832

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

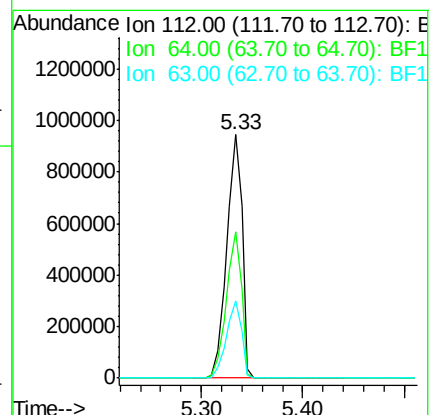
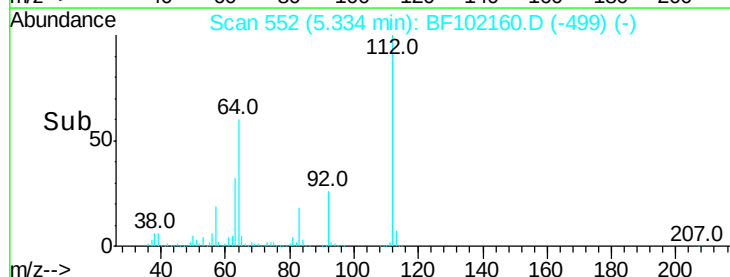
63 31.6 23.7 35.5

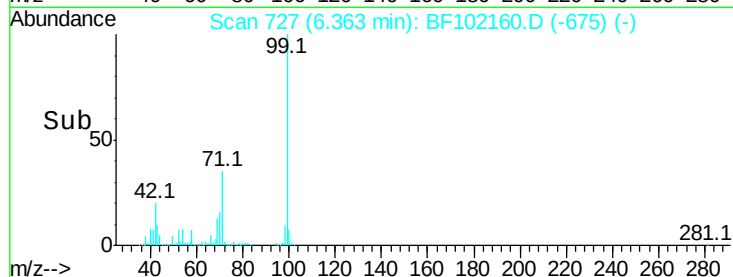
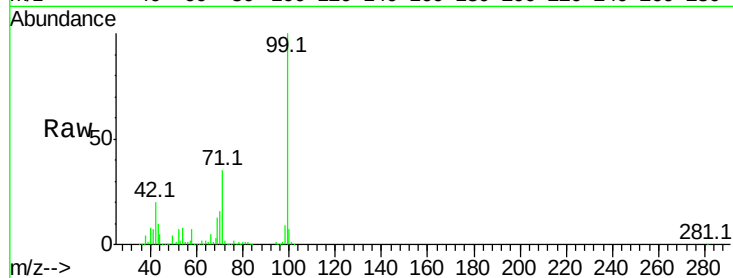
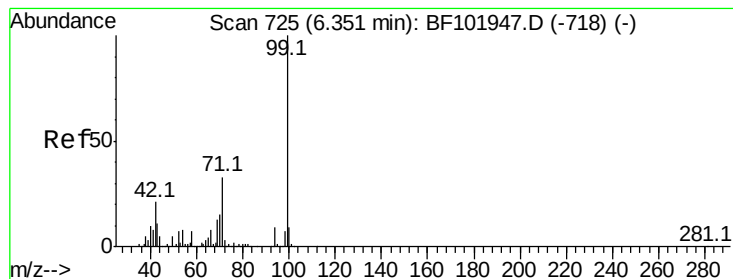


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.546 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

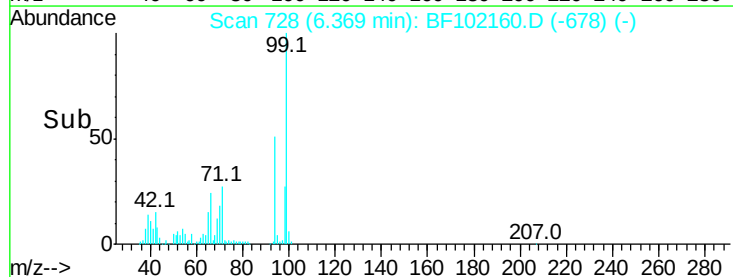
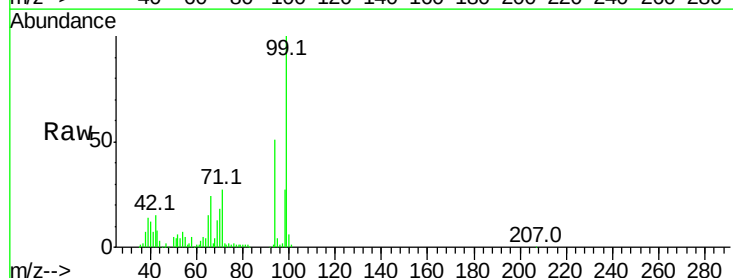
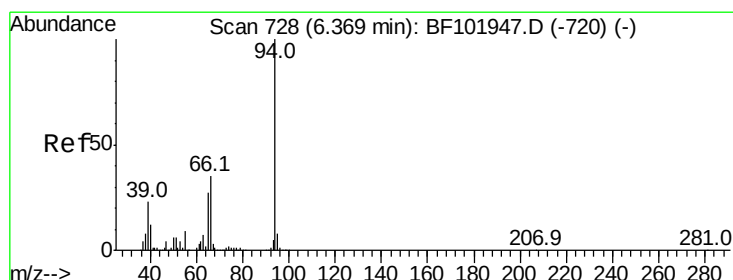
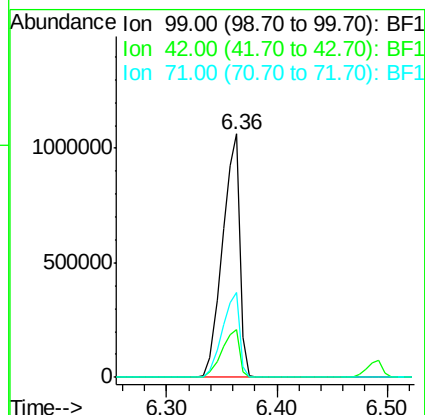
BNA_F

ClientSampleId :

RO-72-12000

Tot Ion: 99 Resp: 1154877

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	35.0	25.4	38.0



#10

Phenol

Concen: 3.587 ng

RT: 6.37 min Scan# 728

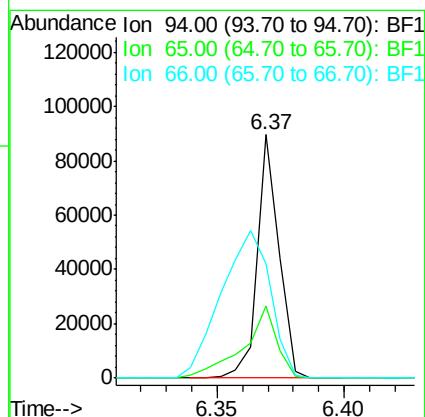
Delta R.T. -0.01 min

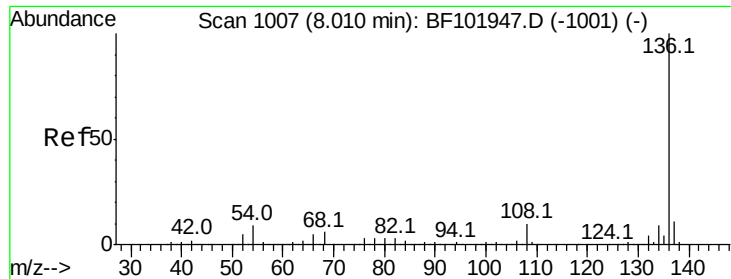
Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Tgt Ion: 94 Resp: 53471

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	46.8	16.2	56.2

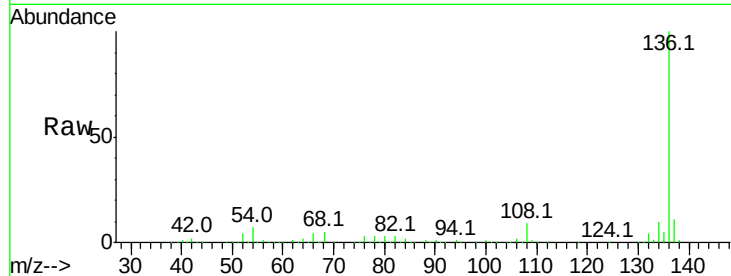




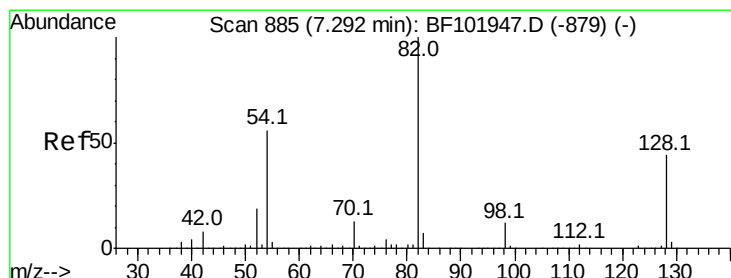
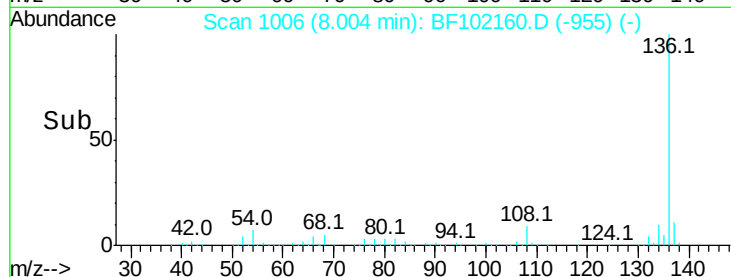
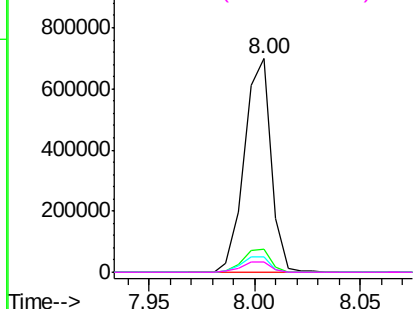
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Instrument :
BNA_F
ClientSampleId :
RO-72-12000

Tot Ion:136	Resp: 613035
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 7.1	6.6 9.8
68 4.8	5.0 7.4#

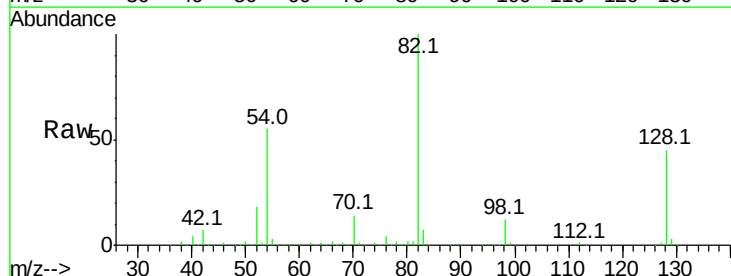


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

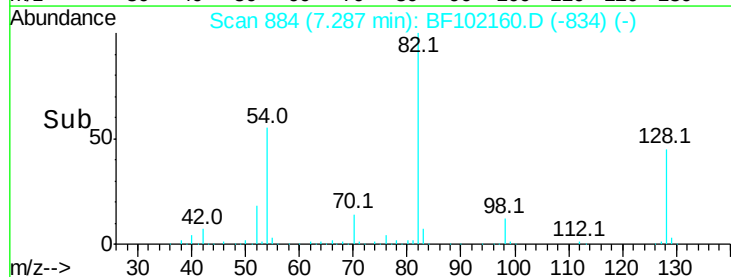
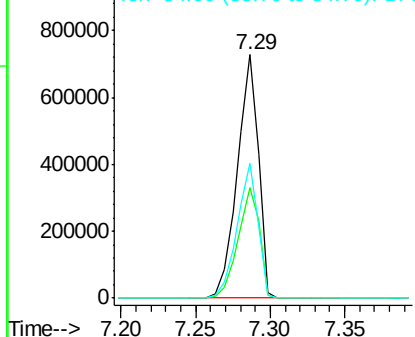


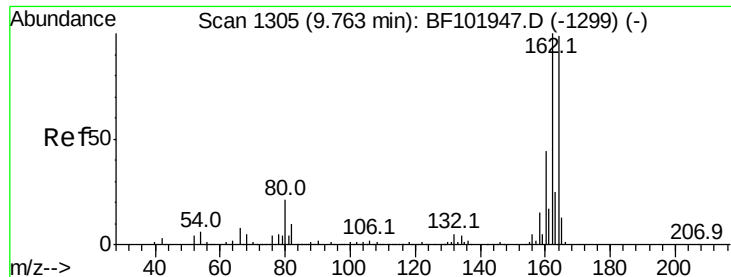
#23
Nitrobenzene-d5
Concen: 68.957 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102160.D
Acq: 17 Jan 2018 19:53

Tgt Ion: 82	Resp: 719368
Ion Ratio	Lower Upper
82 100	
128 45.3	36.1 54.1
54 55.4	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: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

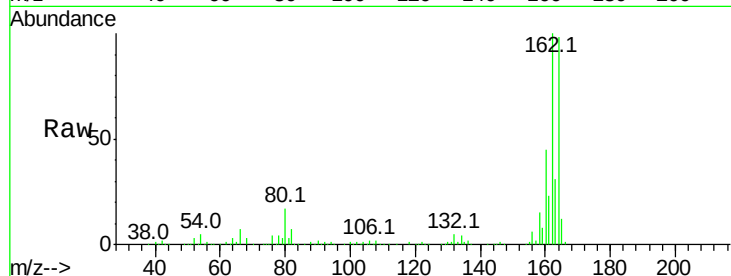
Tot Ion:164 Resp: 254414

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

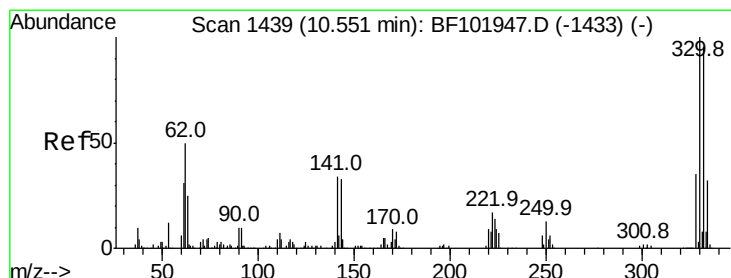
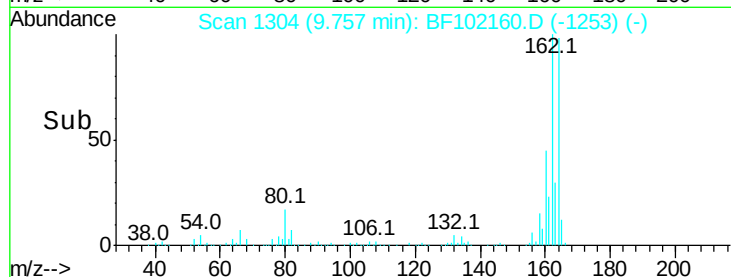
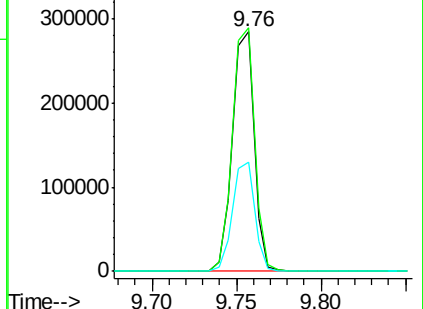
160 45.6 38.3 57.5



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: 98.611 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

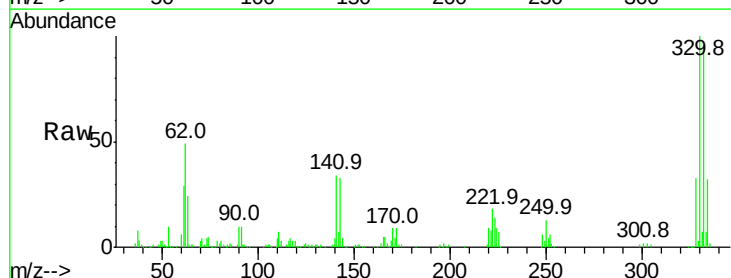
Tgt Ion:330 Resp: 218941

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

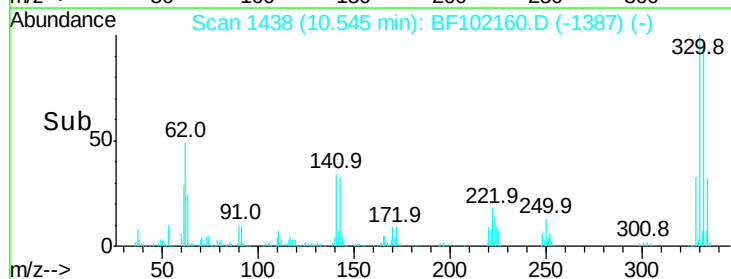
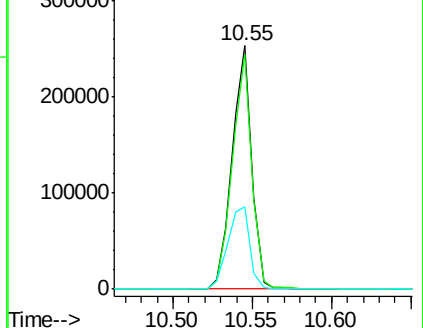
141 38.1 29.9 44.9

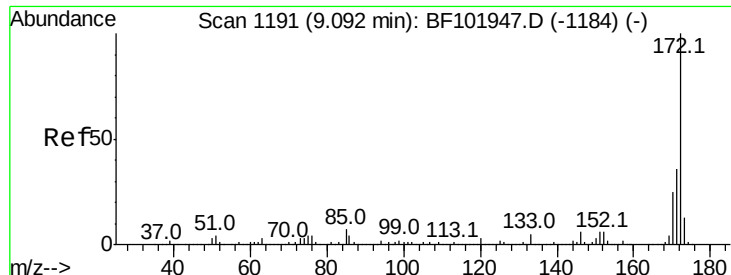


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



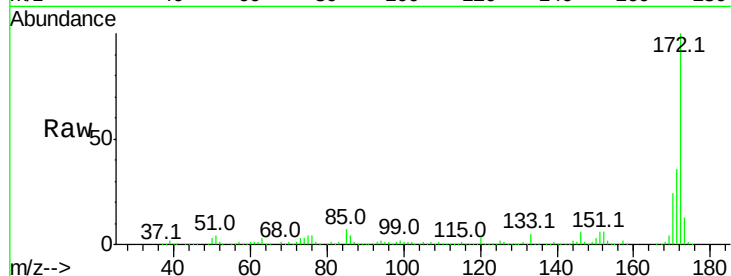


#44
 2-Fluorobiphenyl
 Concen: 76.486 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

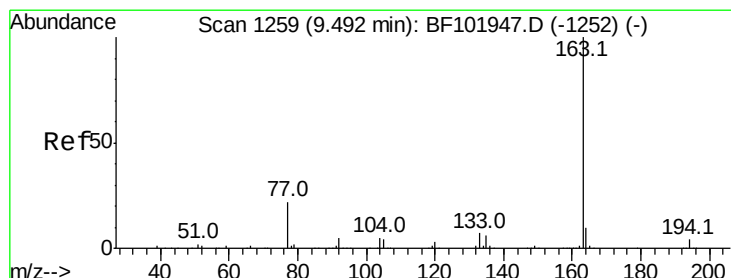
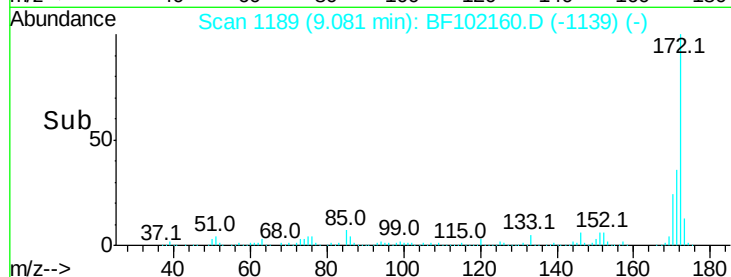
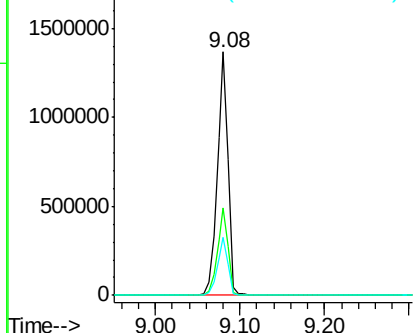
Instrument :
 BNA_F
 ClientSampleId :
 RO-72-12000

Tot Ion:172 Resp: 1245561

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



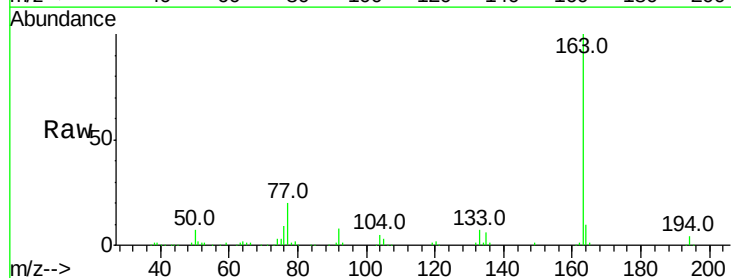
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



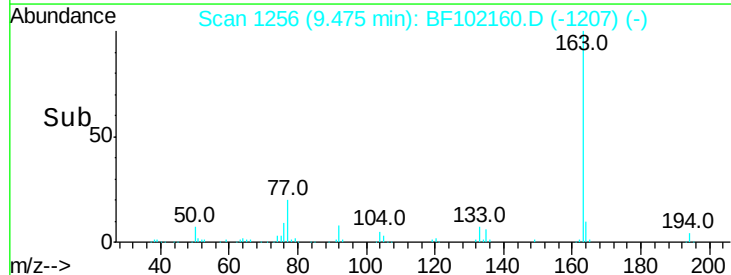
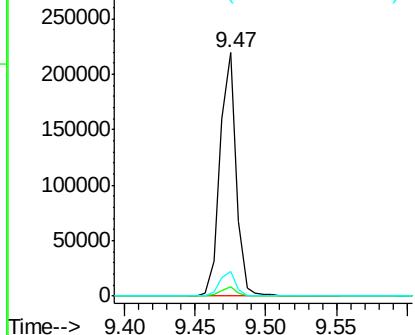
#49
 Dimethylphthalate
 Concen: 8.591 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102160.D
 Acq: 17 Jan 2018 19:53

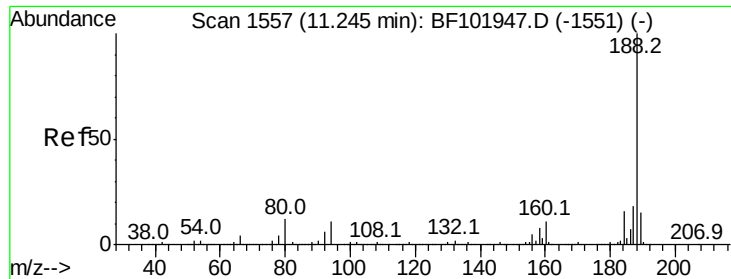
Tgt Ion:163 Resp: 175336

Ion	Ratio	Lower	Upper
163	100		
194	4.0	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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

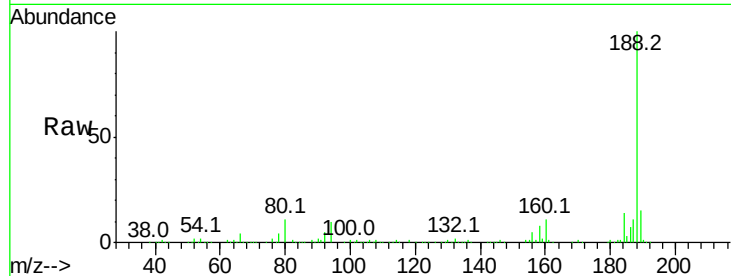
Tot Ion:188 Resp: 371639

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

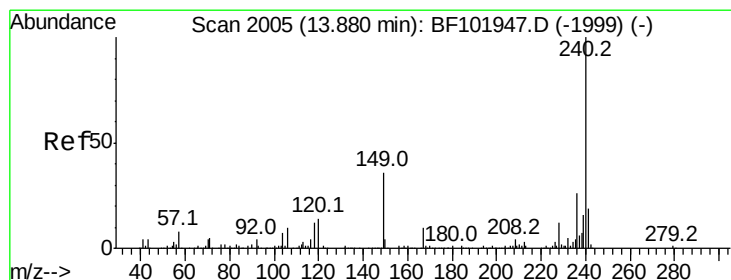
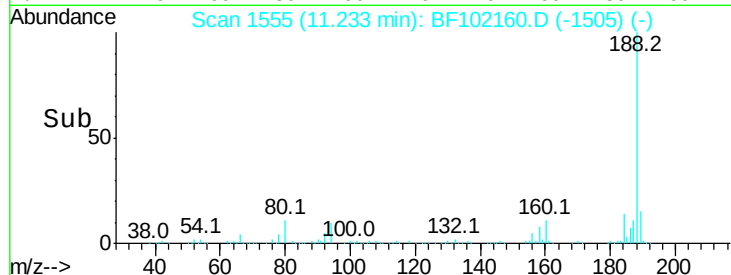
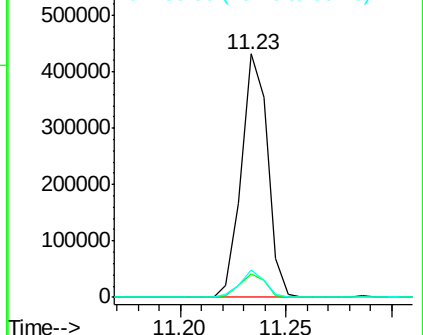
80 11.2 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

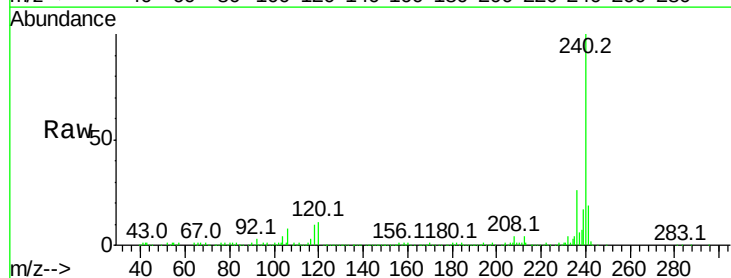
Tgt Ion:240 Resp: 262502

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

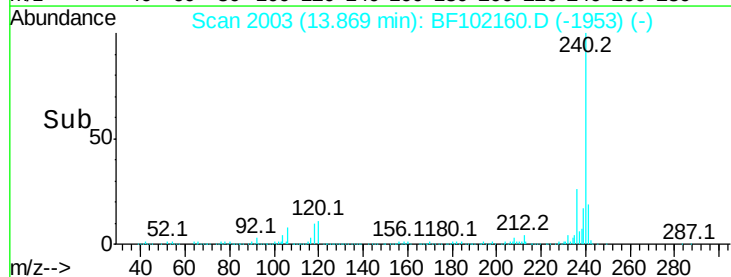
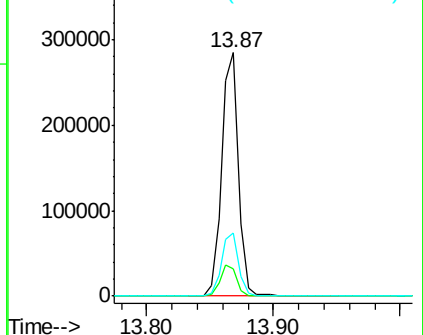
236 26.0 20.7 31.1

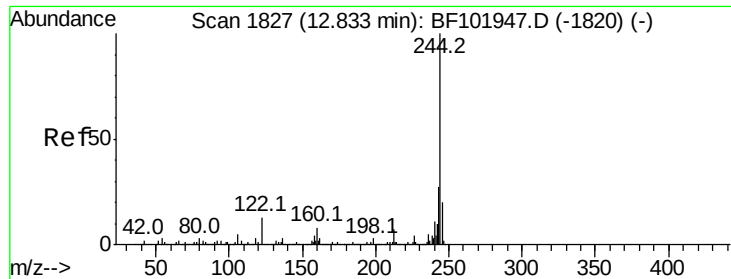


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.596 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

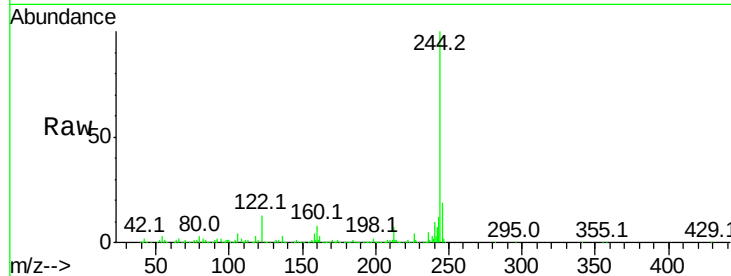
Tot Ion:244 Resp: 791400

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

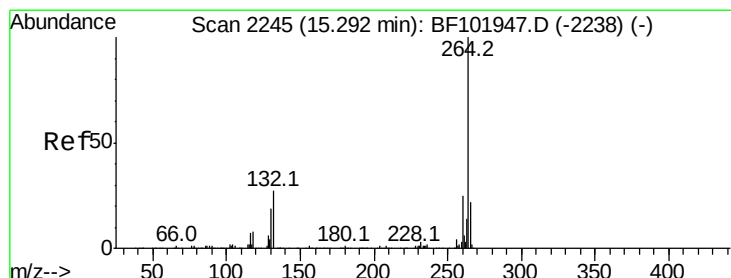
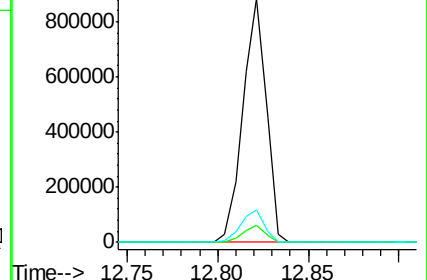
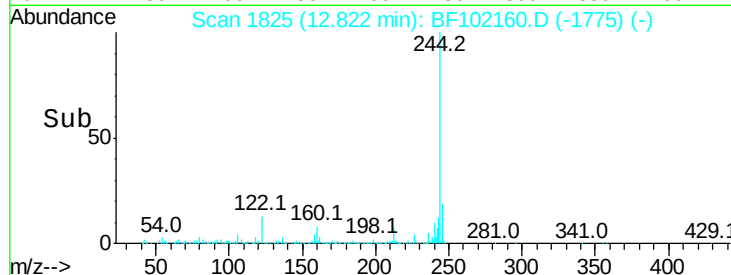
122 13.1 11.0 16.4



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: 15.29 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BF102160.D

Acq: 17 Jan 2018 19:53

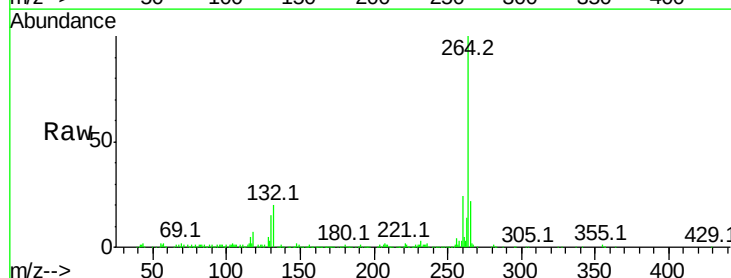
Tgt Ion:264 Resp: 273741

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 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

