

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102444.D
 Acq On : 26 Jan 2018 00:39
 Operator : SJ/JU
 Sample : J1251-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-4(0-2)

Quant Time: Jan 26 03:02:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

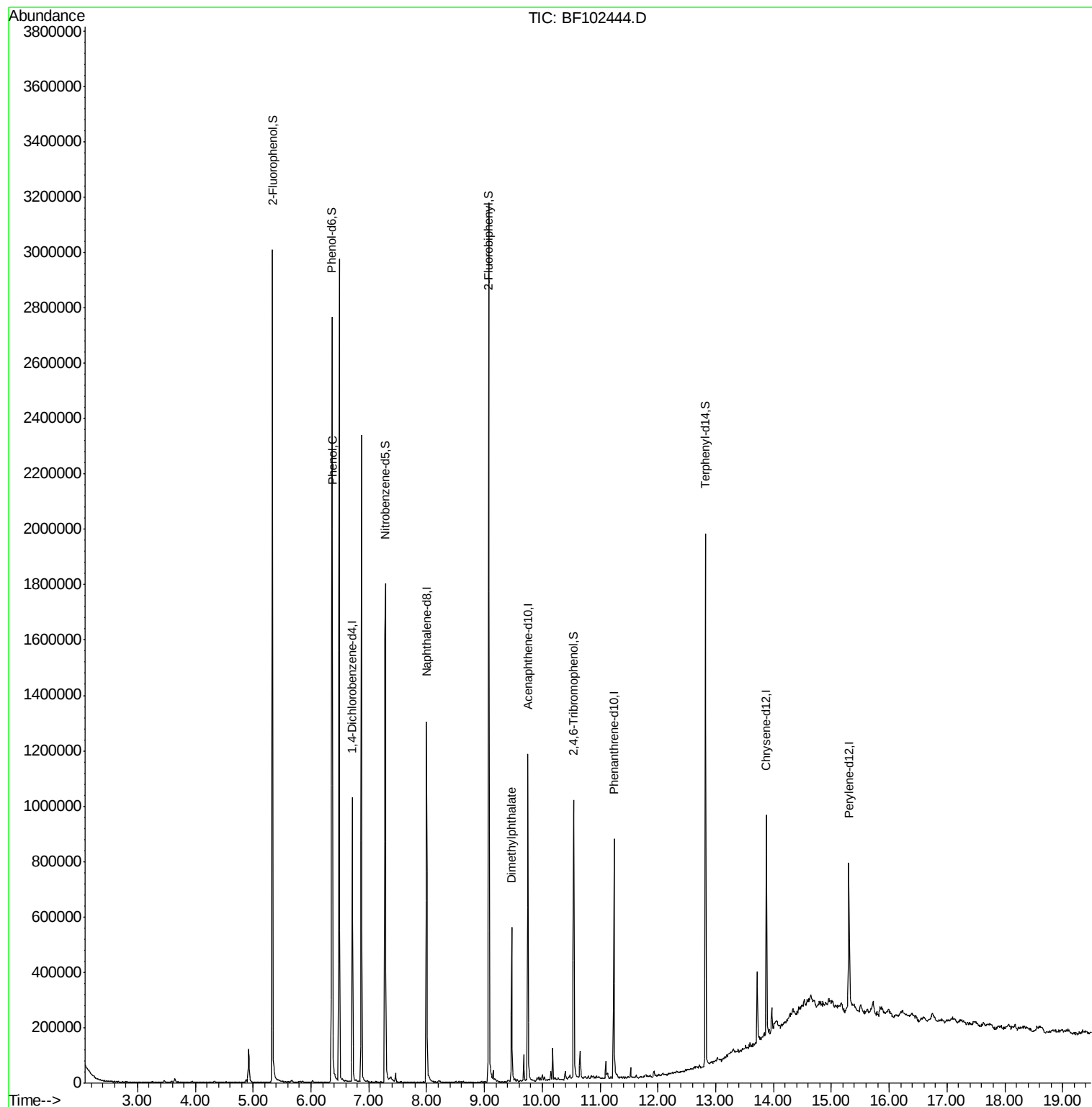
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147647	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	591328	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237148	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	328438	20.00	ng	0.00
75) Chrysene-d12	13.87	240	279473	20.00	ng	0.00
86) Perylene-d12	15.30	264	254549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	872525	89.60	ng	0.01
7) Phenol-d6	6.36	99	1063185	90.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	636307	61.84	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	125686	53.49	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	998782	61.93	ng	0.00
78) Terphenyl-d14	12.82	244	617982	49.85	ng	0.00
Target Compounds						
10) Phenol	6.37	94	65490	5.110	ng	97
49) Dimethylphthalate	9.47	163	239302	12.208	ng	99

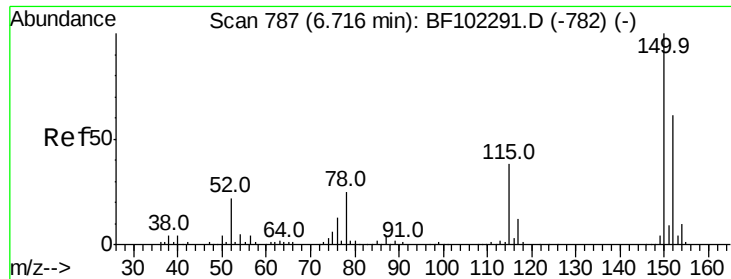
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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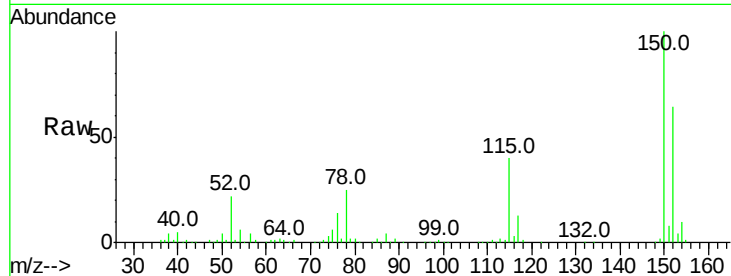


#1

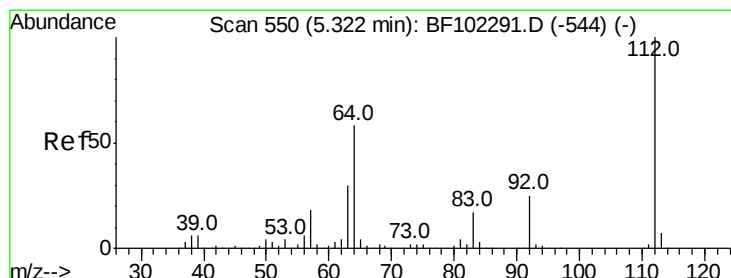
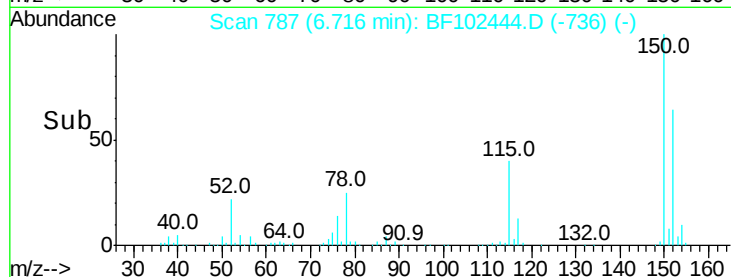
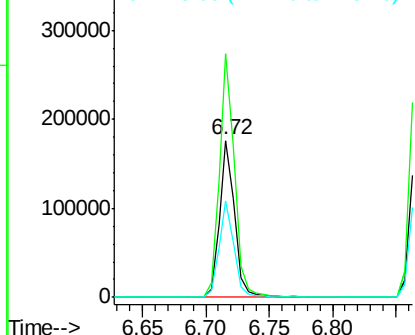
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :
W12-4(0-2)

Tot Ion:152 Resp: 147647
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 61.7 50.1 75.1



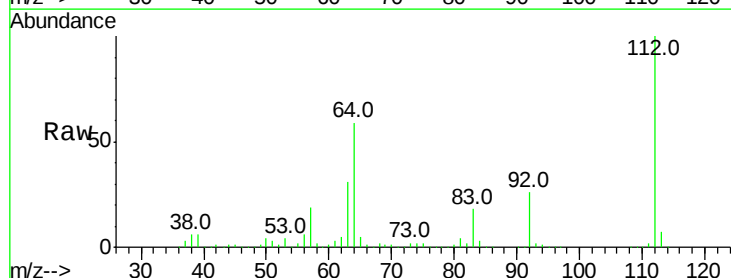
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



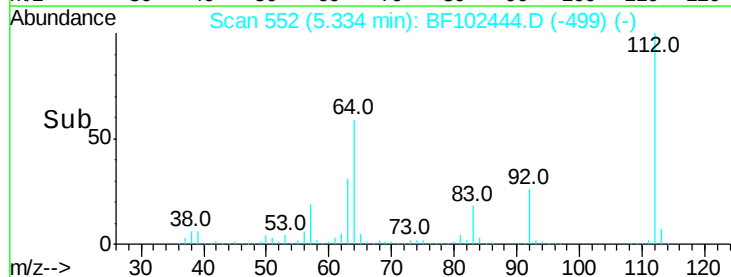
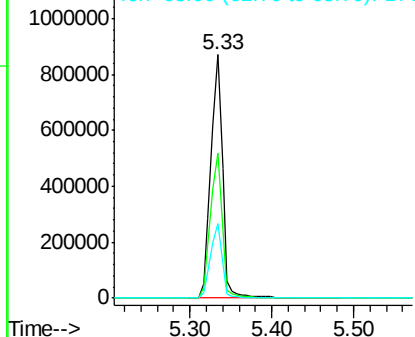
#5

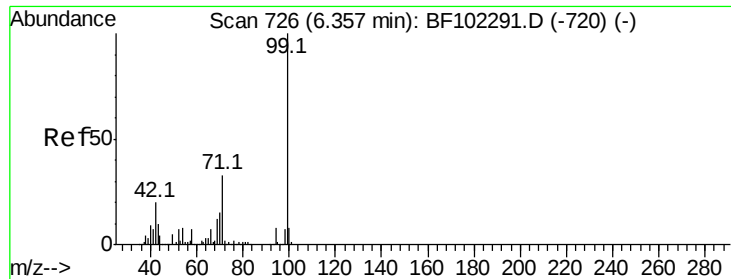
2-Fluorophenol
Concen: 89.604 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:112 Resp: 872525
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 30.7 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: 90.565 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

W12-4(0-2)

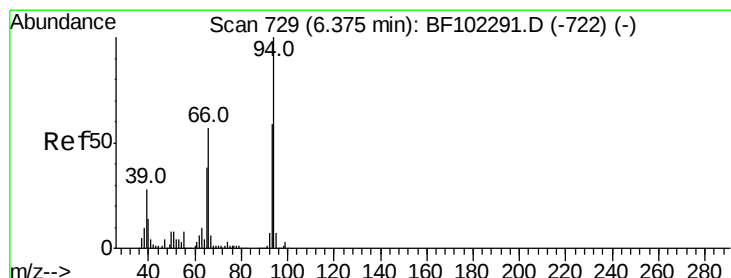
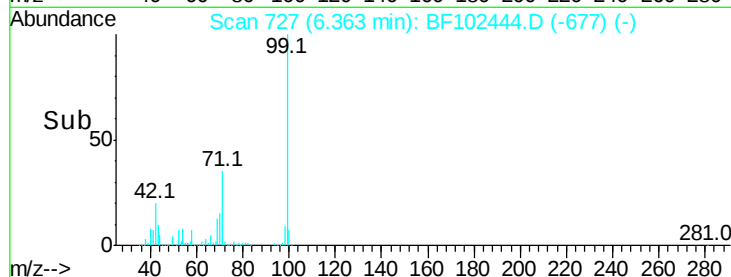
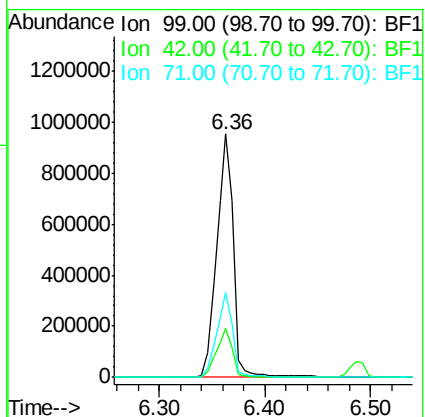
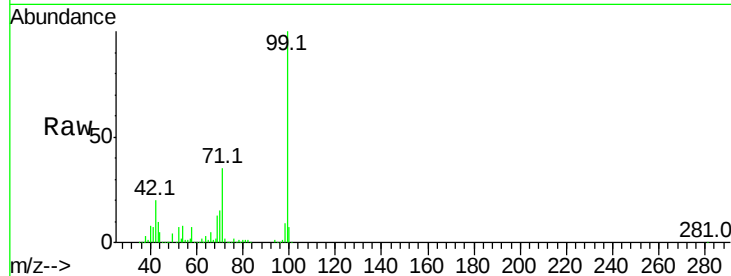
Tot Ion: 99 Resp: 1063185

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 5.110 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

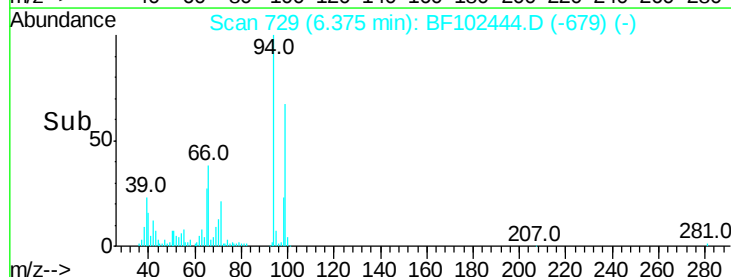
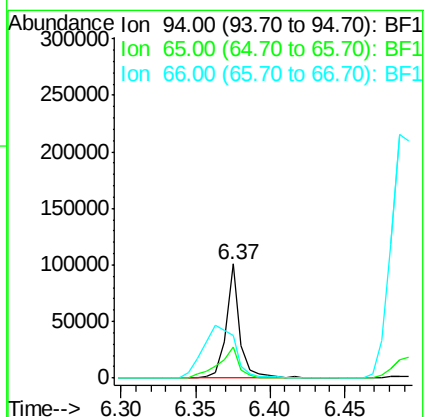
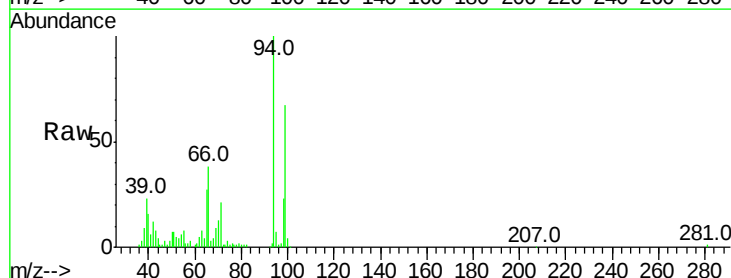
Tgt Ion: 94 Resp: 65490

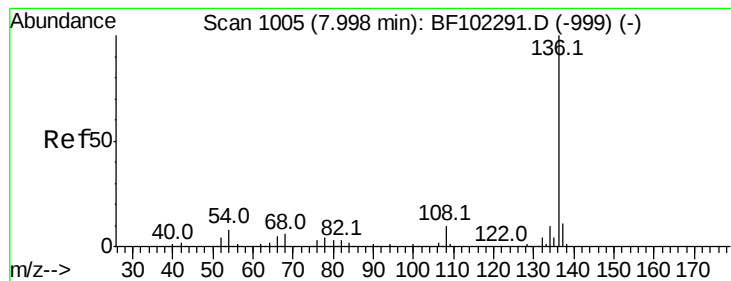
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 38.0 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

W12-4(0-2)

Tot Ion:136 Resp: 591328

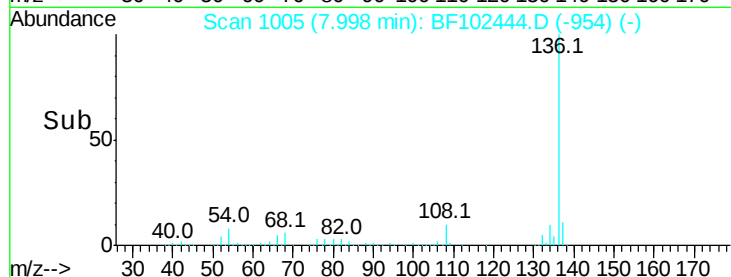
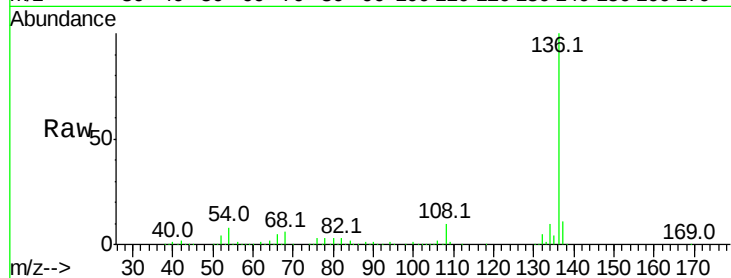
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 6.6 9.8

68 5.8 5.0 7.4

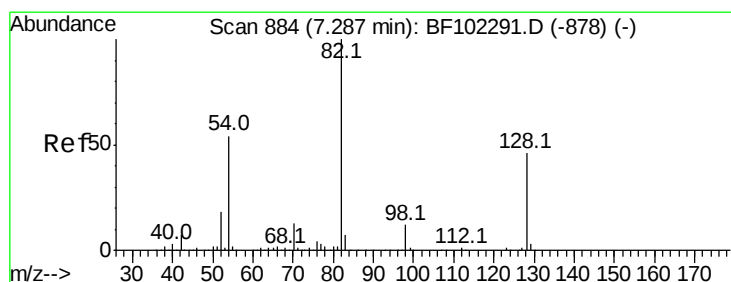
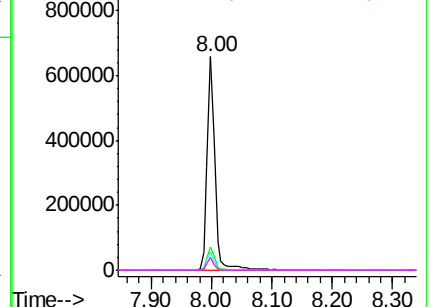


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.838 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

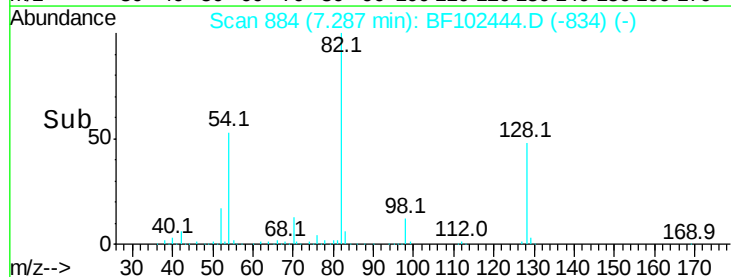
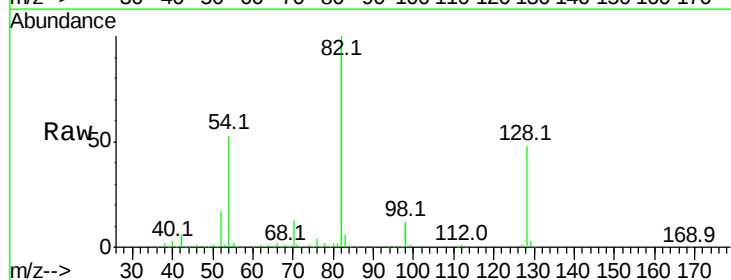
Tgt Ion: 82 Resp: 636307

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

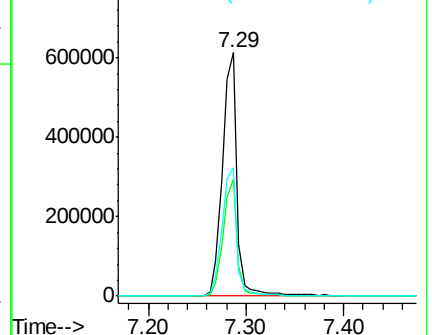
54 52.7 41.4 62.2

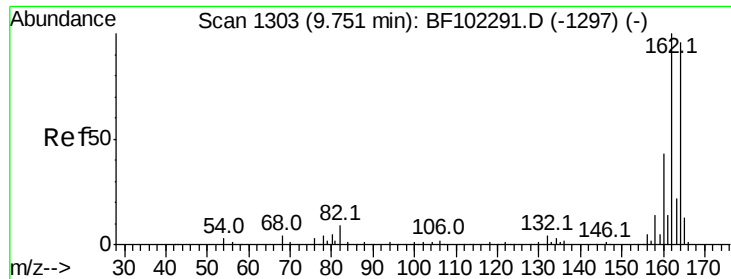


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

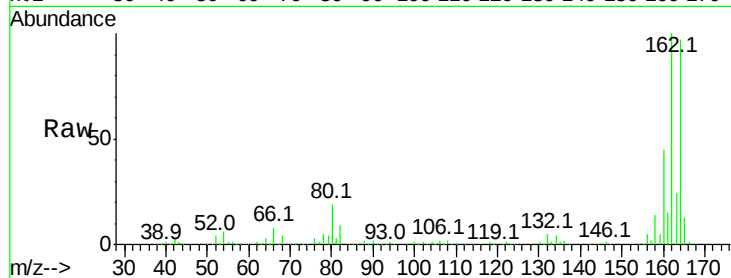




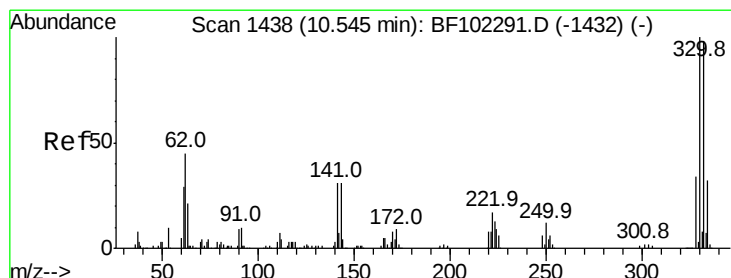
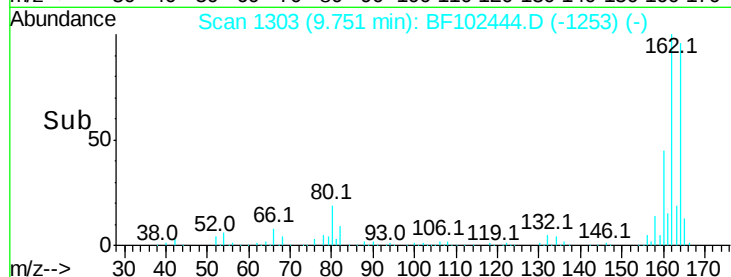
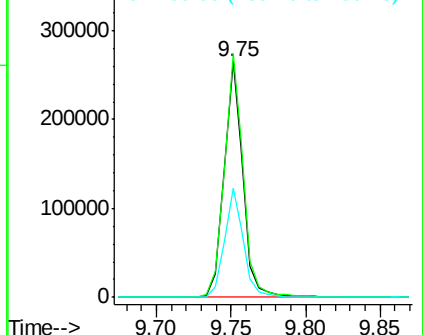
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :
W12-4(0-2)

Tot Ion:164 Resp: 237148
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.4 38.3 57.5

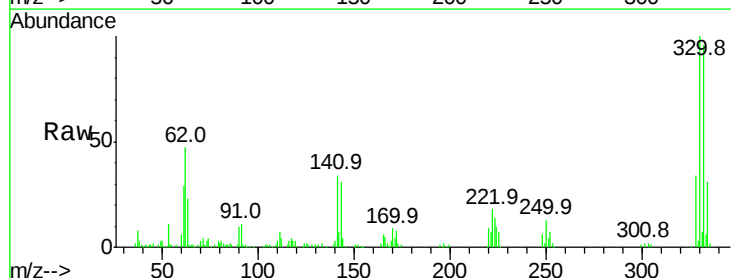


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

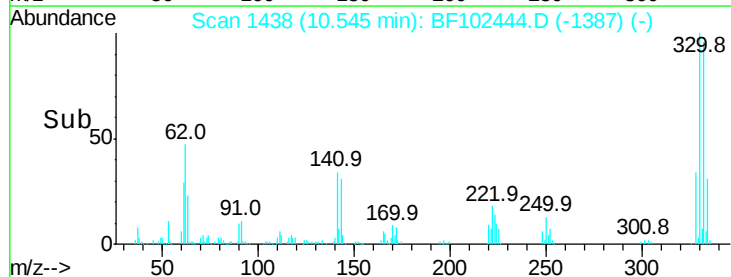
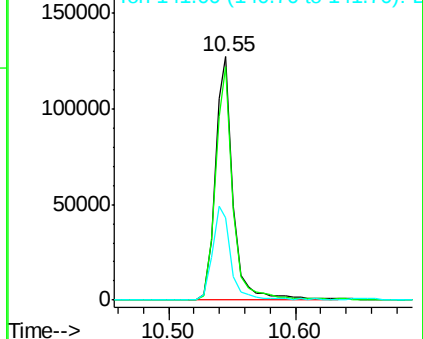


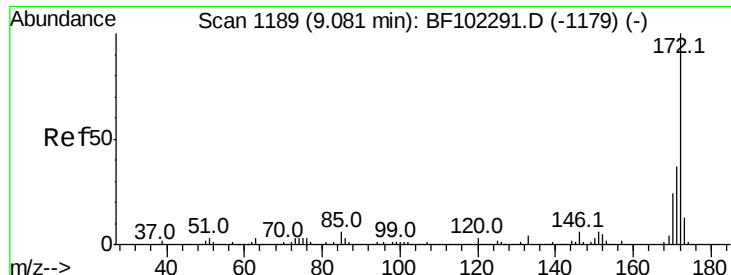
#41
2,4,6-Tribromophenol
Concen: 53.488 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:330 Resp: 125686
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 40.1 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

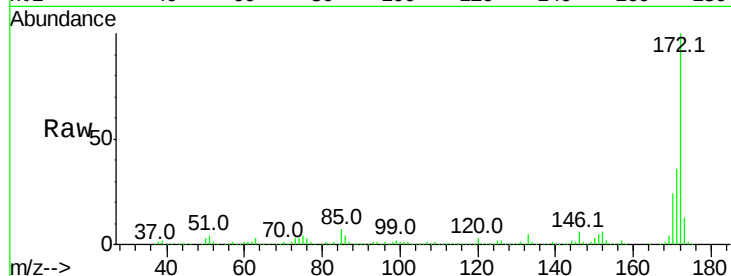




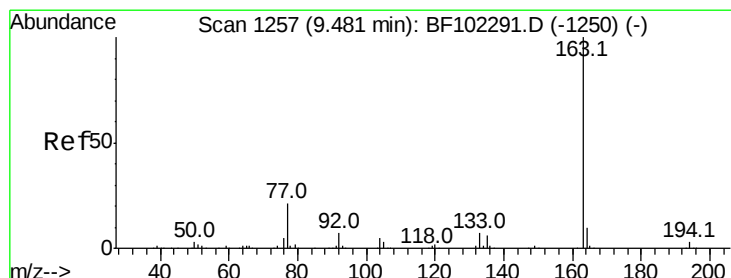
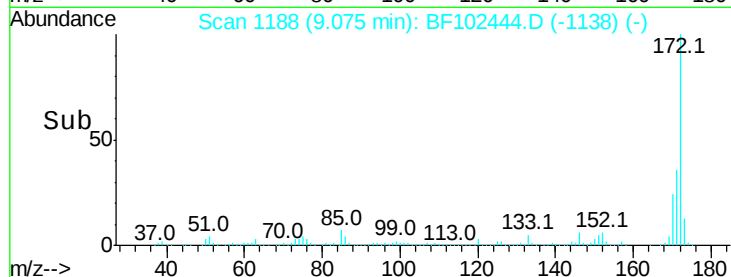
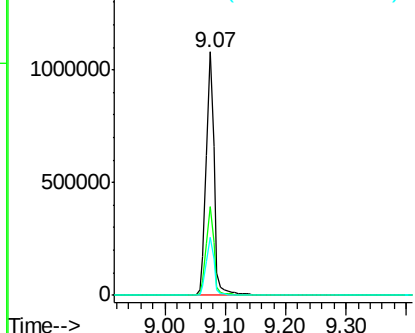
#44
2-Fluorobiphenyl
Concen: 61.926 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Instrument :
BNA_F
ClientSampleId :
W12-4(0-2)

Tot Ion:172 Resp: 998782
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.8 19.6 29.4

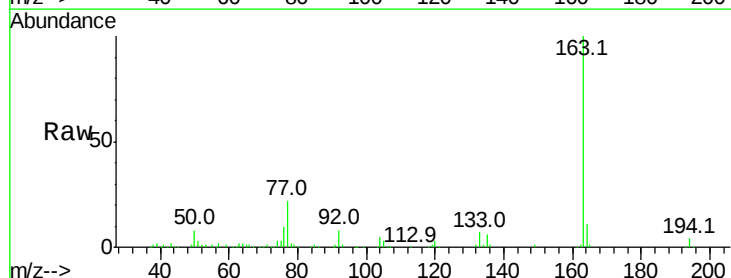


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

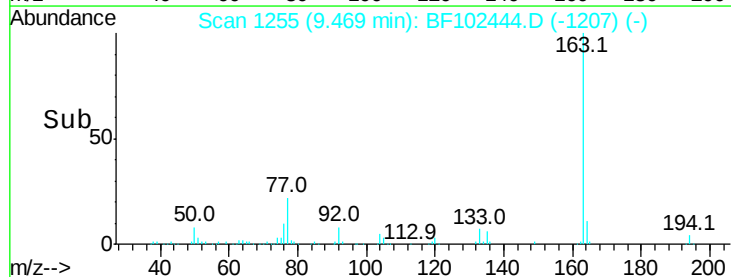
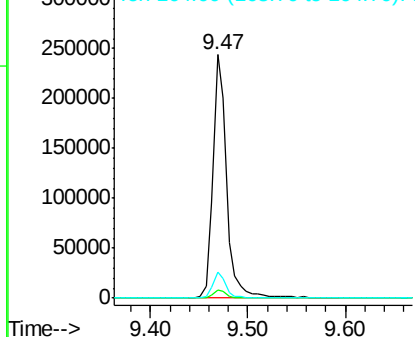


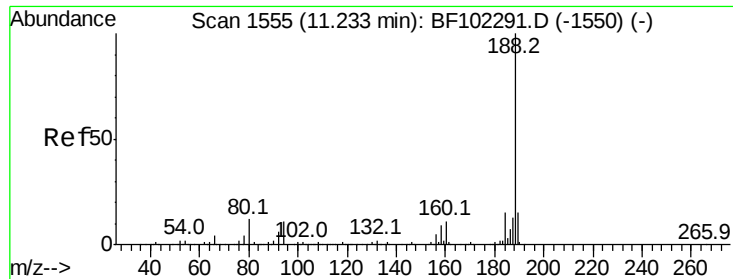
#49
Dimethylphthalate
Concen: 12.208 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion:163 Resp: 239302
Ion Ratio Lower Upper
163 100
194 3.5 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

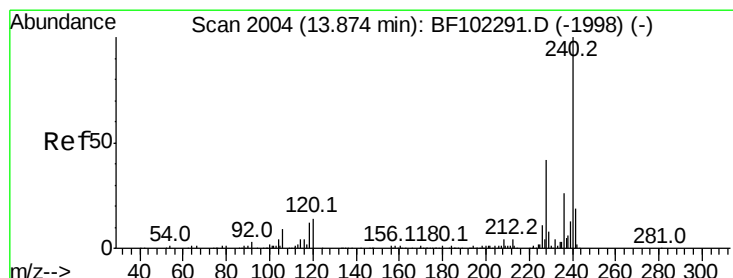
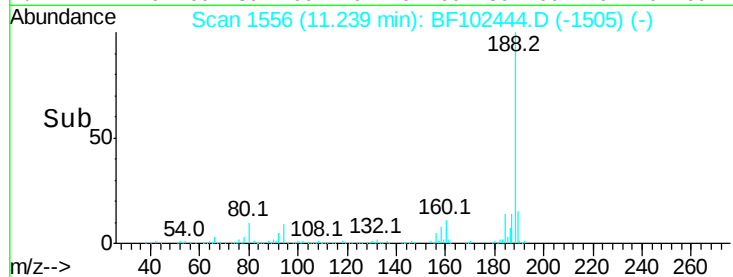
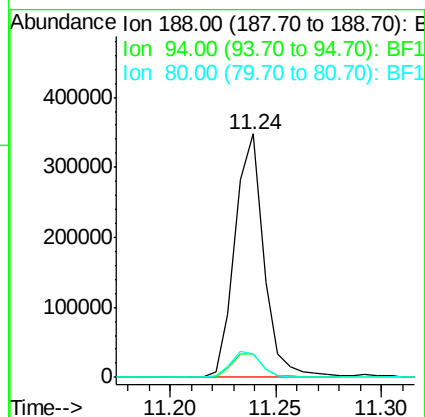
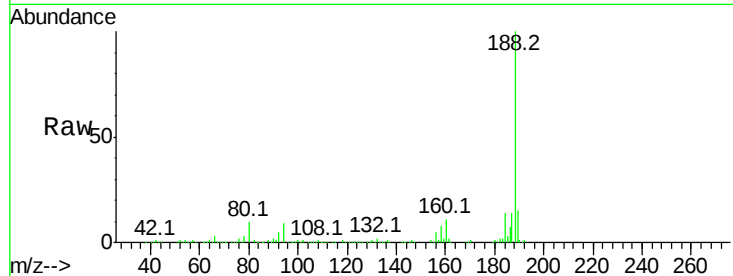




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

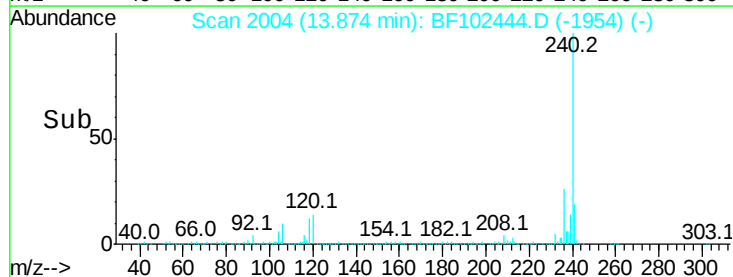
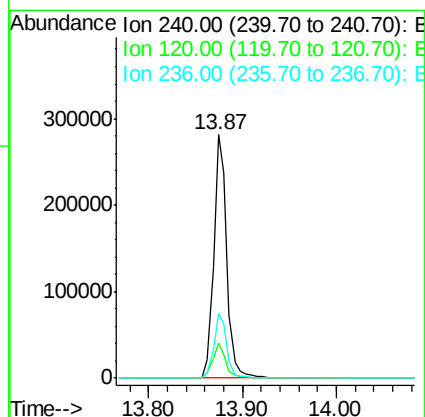
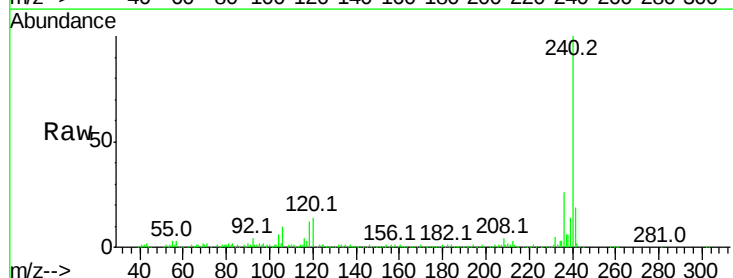
Instrument :
BNA_F
ClientSampleId :
W12-4(0-2)

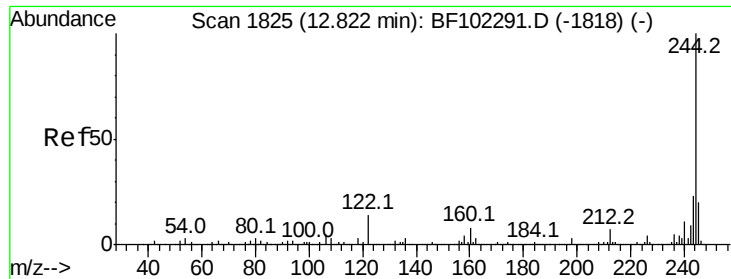
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102444.D
Acq: 26 Jan 2018 00:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 49.849 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

Instrument :

BNA_F

ClientSampleId :

W12-4(0-2)

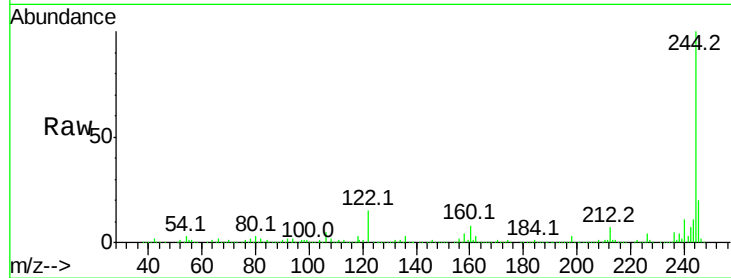
Tot Ion:244 Resp: 617982

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

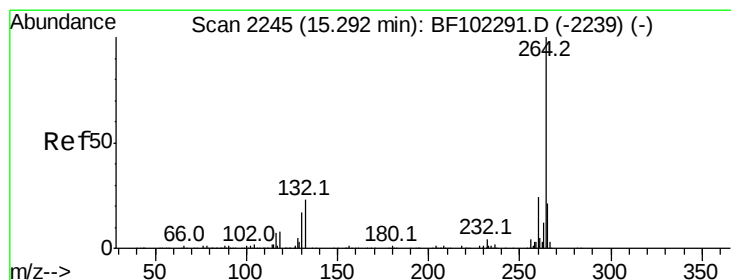
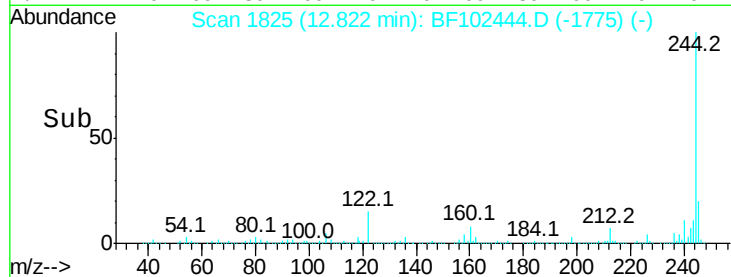
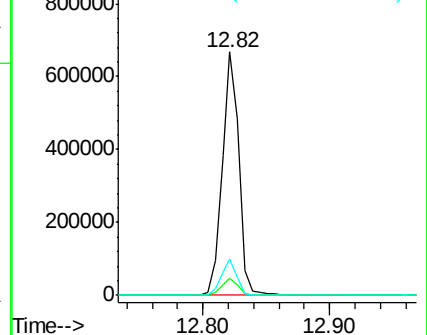
122 15.0 11.0 16.4



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: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BF102444.D

Acq: 26 Jan 2018 00:39

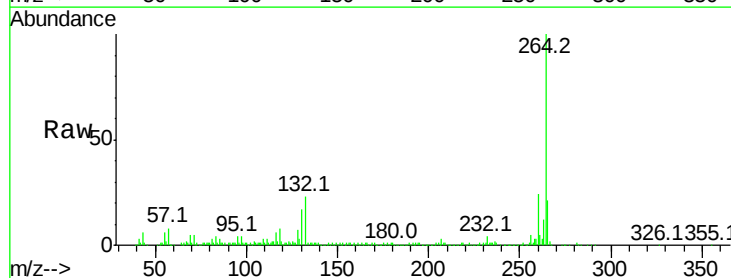
Tgt Ion:264 Resp: 254549

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 20.8 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

