

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102120.D
 Acq On : 16 Jan 2018 20:09
 Operator : SJ/JU
 Sample : J1115-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-2.5-3.0

Quant Time: Jan 17 02:59:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

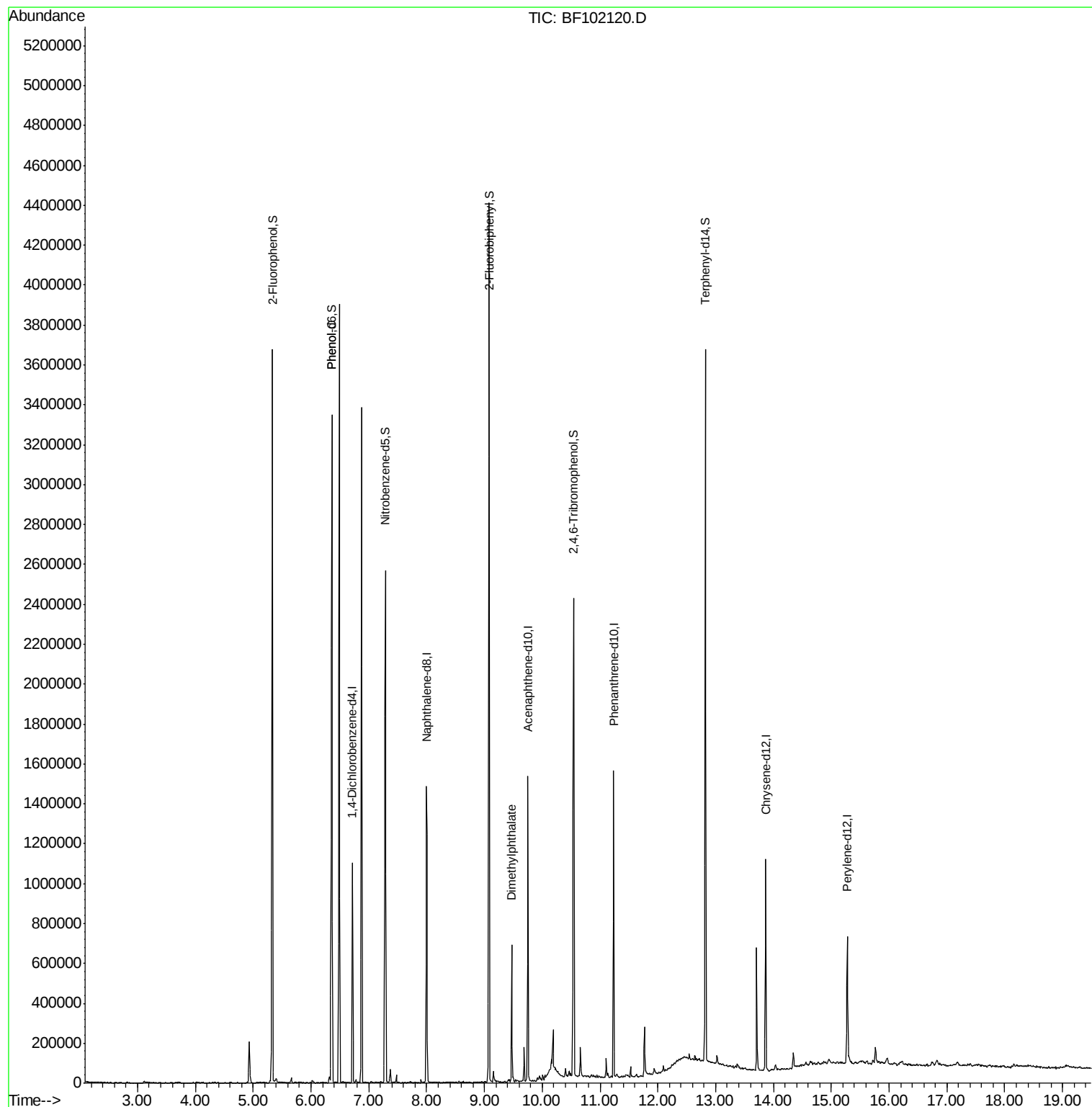
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	157553	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	658932	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	290506	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	488410	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	322311	20.00	ng	-0.02
86) Perylene-d12	15.28	264	285661	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1098222	98.43	ng	0.00
7) Phenol-d6	6.36	99	1313588	98.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	835629	74.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	304022	119.92	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1371971	73.78	ng	-0.01
78) Terphenyl-d14	12.82	244	1141894	73.56	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	61598	4.094	ng	92
49) Dimethylphthalate	9.47	163	262752	11.275	ng	98

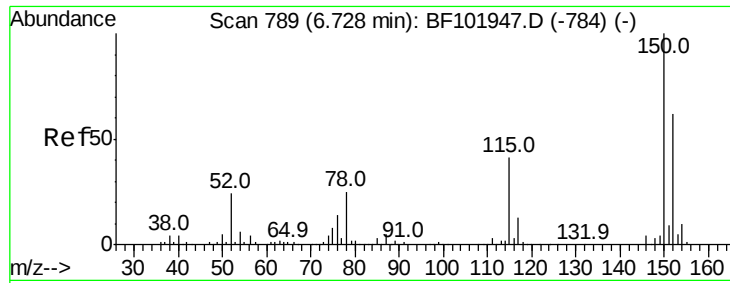
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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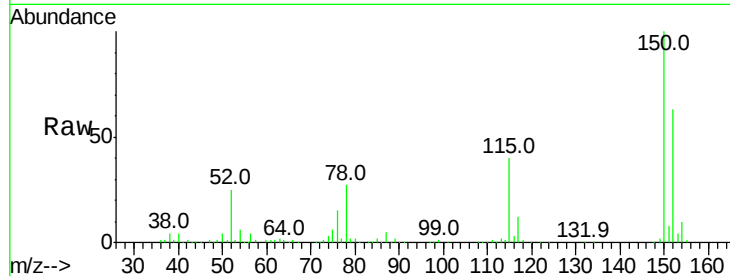


#1

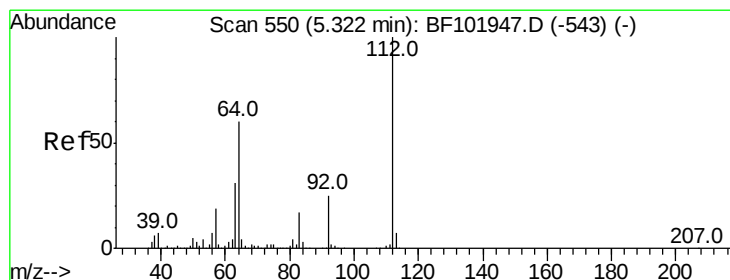
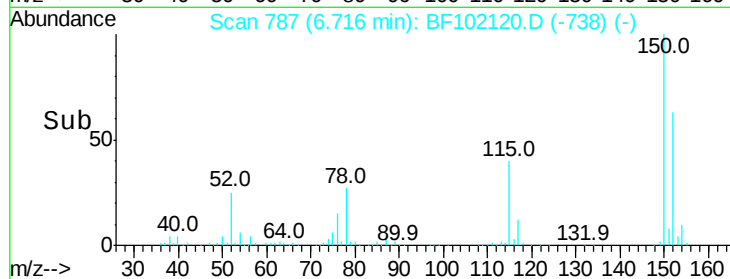
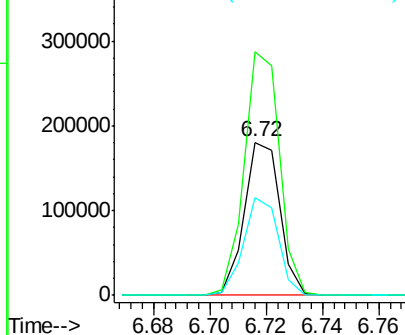
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102120.D
 Acq: 16 Jan 2018 20:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-2.5-3.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	64.1	50.1	75.1



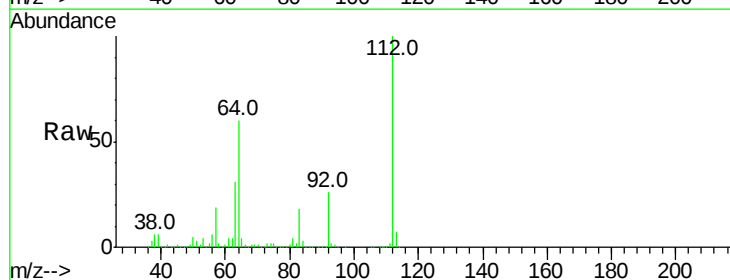
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



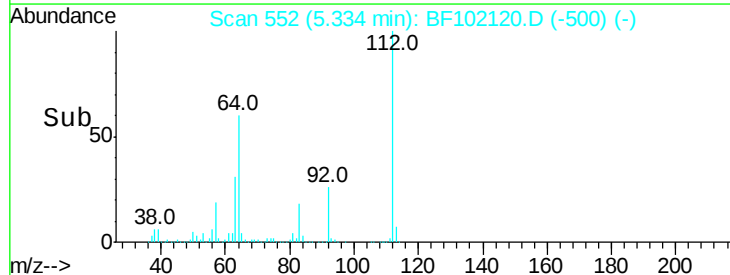
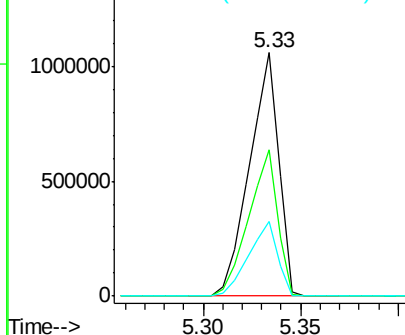
#5

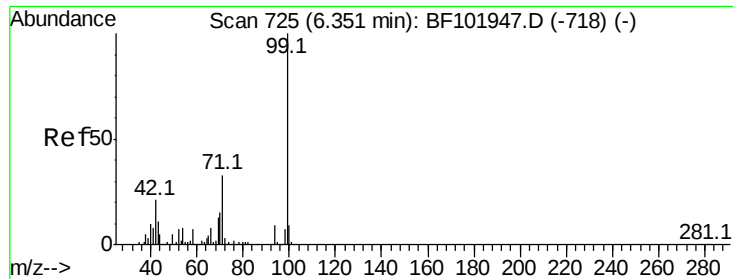
2-Fluorophenol
 Concen: 98.429 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102120.D
 Acq: 16 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.9	71.9
63	30.8	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: 98.677 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

SB-36-2.5-3.0

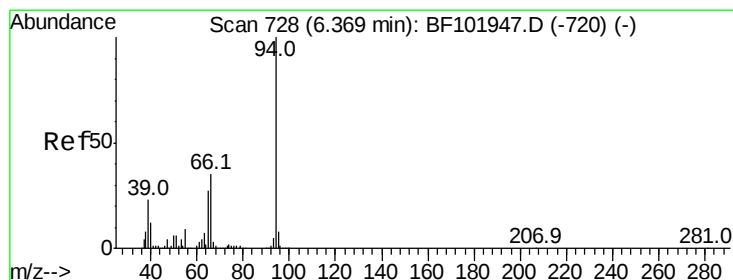
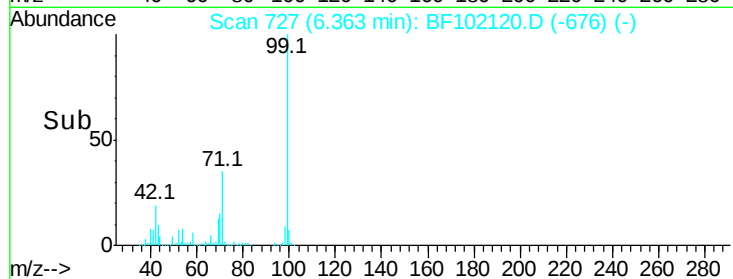
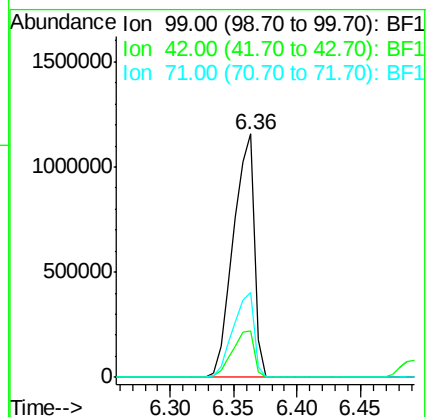
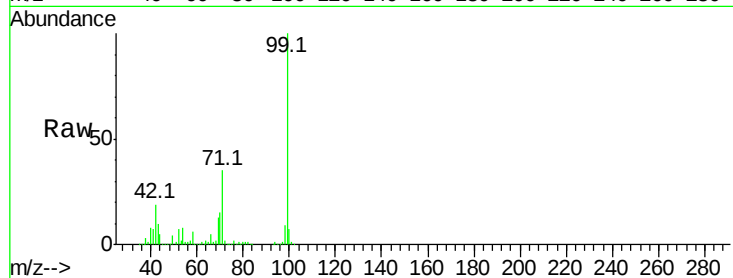
Tot Ion: 99 Resp: 1313588

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 35.1 25.4 38.0



#10

Phenol

Concen: 4.094 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

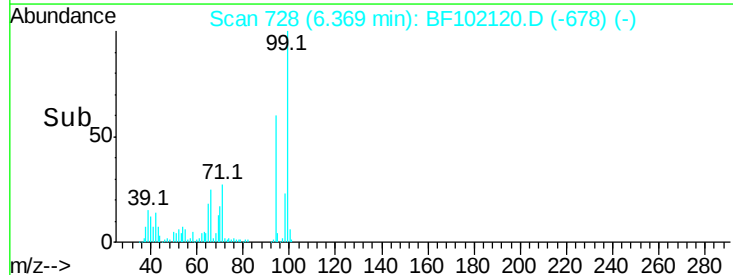
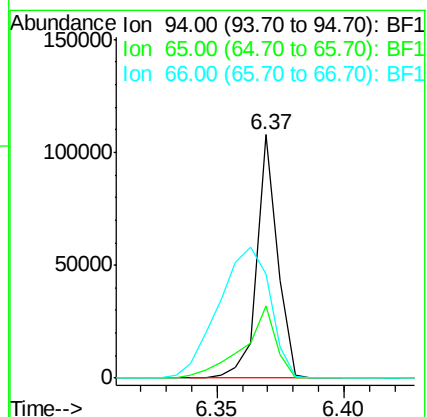
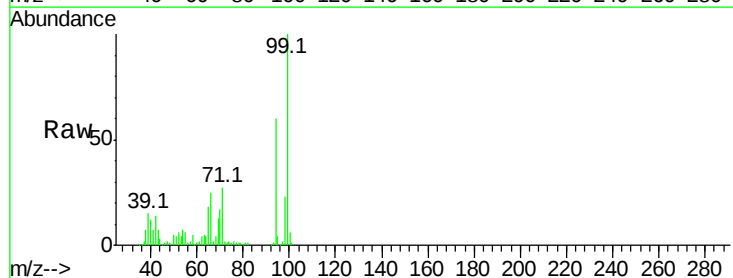
Tgt Ion: 94 Resp: 61598

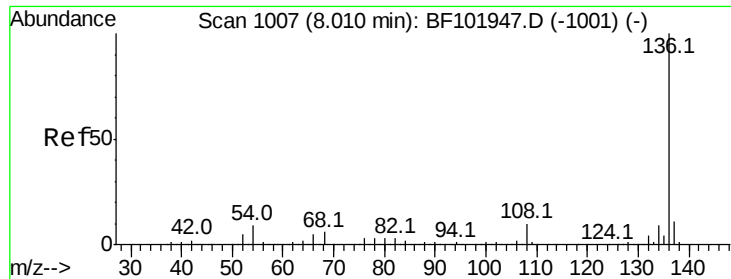
Ion Ratio Lower Upper

94 100

65 29.5 7.9 47.9

66 42.7 16.2 56.2

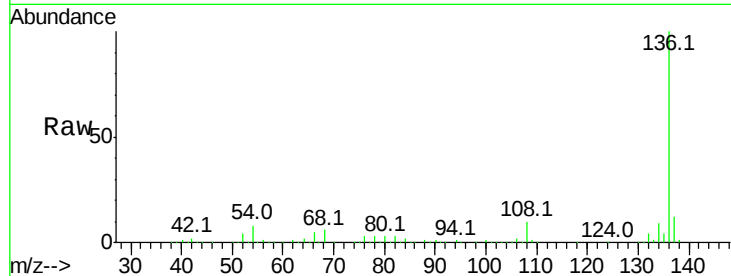




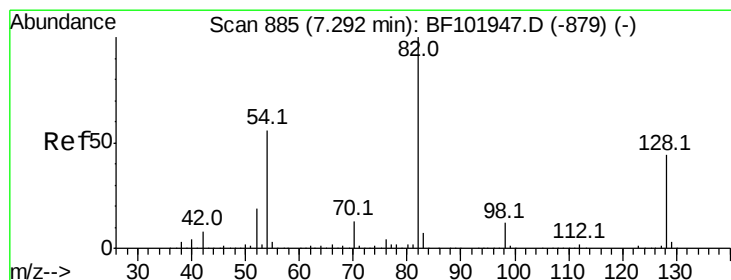
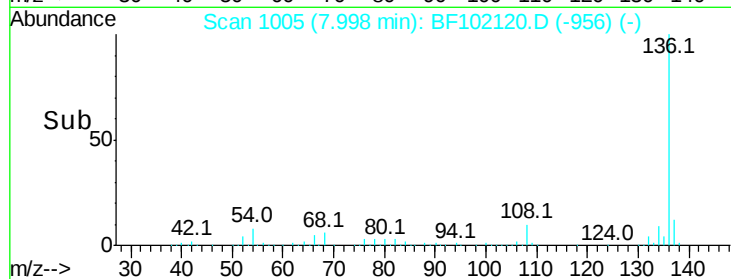
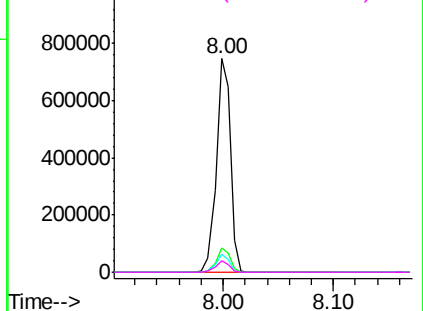
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
SB-36-2.5-3.0

Tot Ion:136	Resp: 658932
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 8.2	6.6 9.8
68 5.6	5.0 7.4

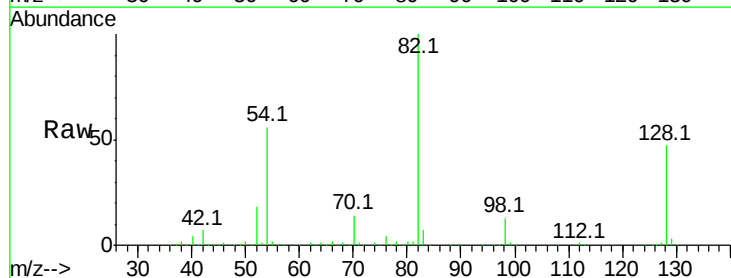


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

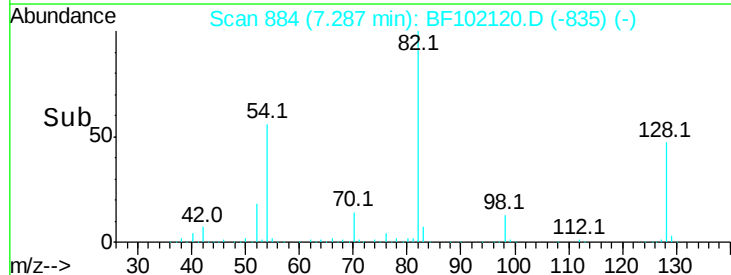
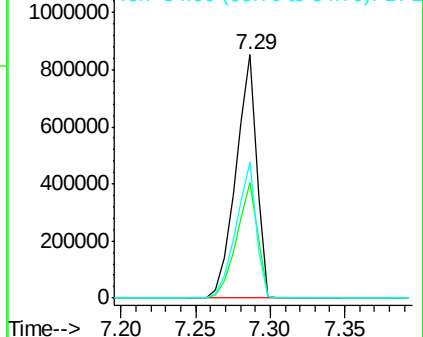


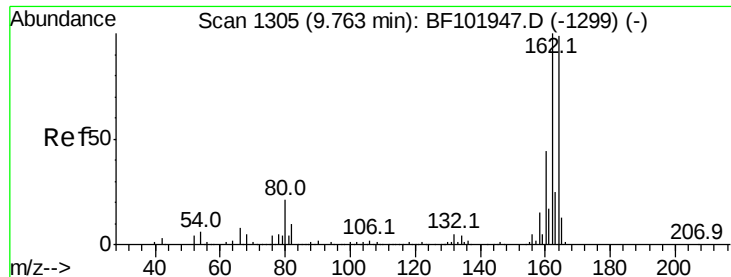
#23
Nitrobenzene-d5
Concen: 74.522 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion: 82	Resp: 835629
Ion Ratio	Lower Upper
82 100	
128 47.2	36.1 54.1
54 55.8	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: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

SB-36-2.5-3.0

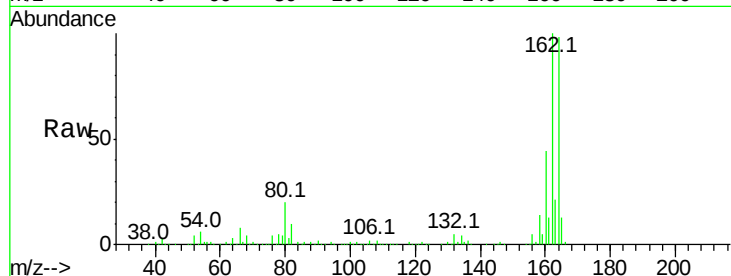
Tot Ion:164 Resp: 290506

Ion Ratio Lower Upper

164 100

162 101.5 86.1 129.1

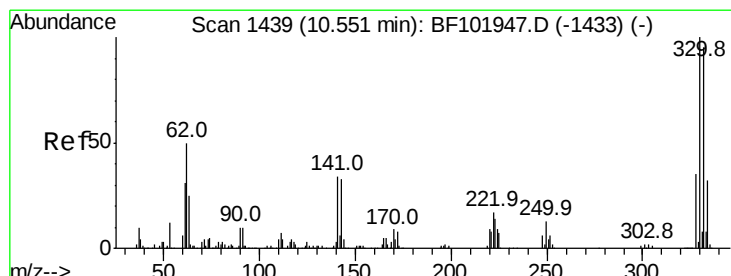
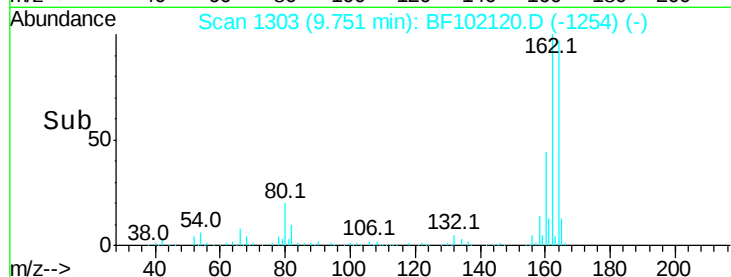
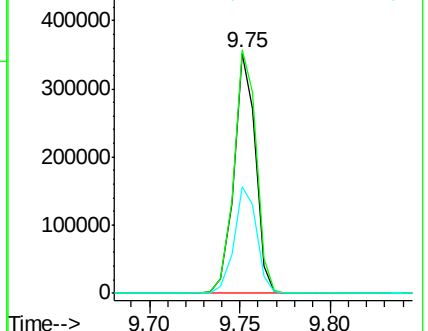
160 44.5 38.3 57.5



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: 119.920 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

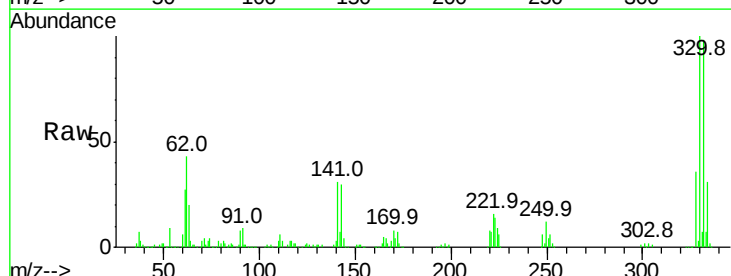
Tgt Ion:330 Resp: 304022

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

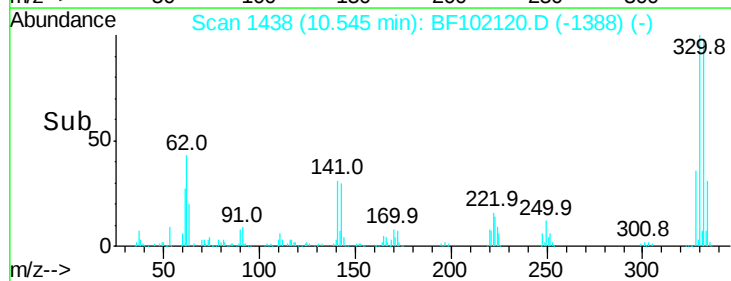
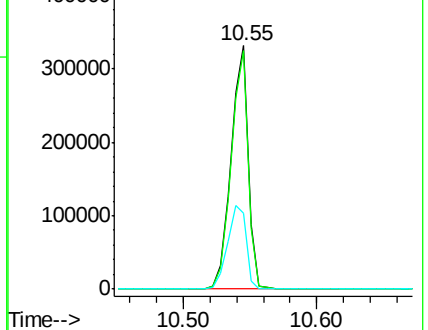
141 37.3 29.9 44.9

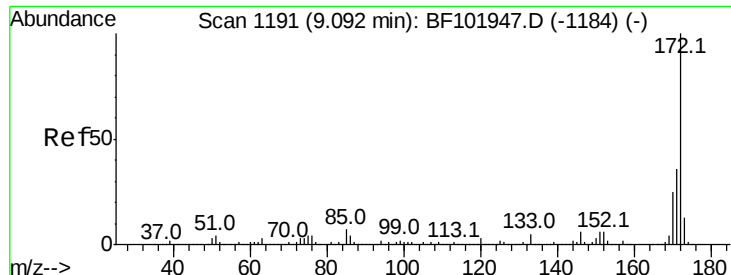


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

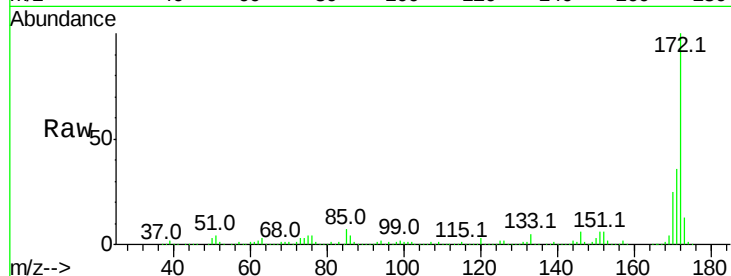




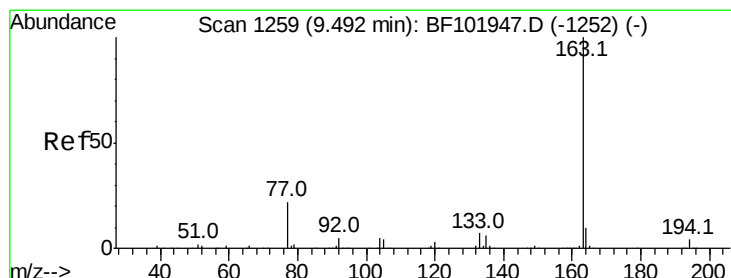
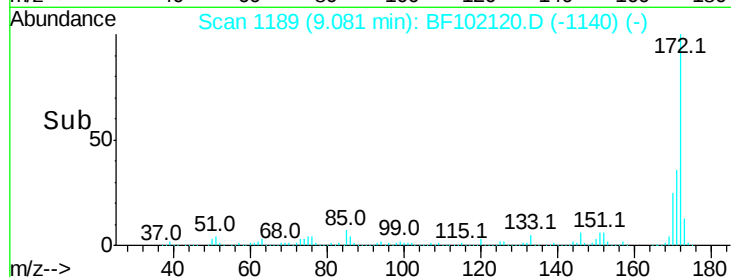
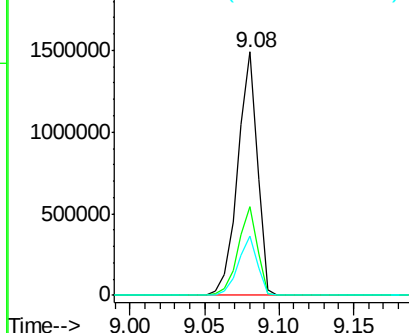
#44
2-Fluorobiphenyl
Concen: 73.781 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Instrument :
BNA_F
ClientSampleId :
SB-36-2.5-3.0

Tot Ion:172 Resp: 1371971
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.5 19.6 29.4

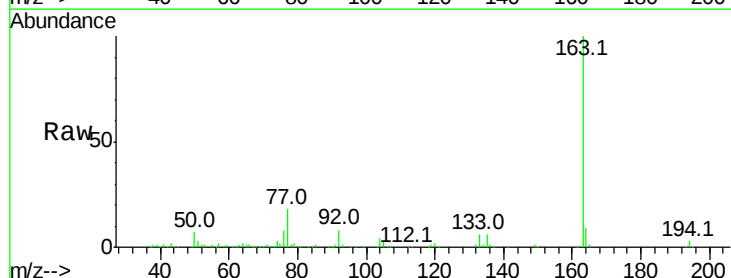


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

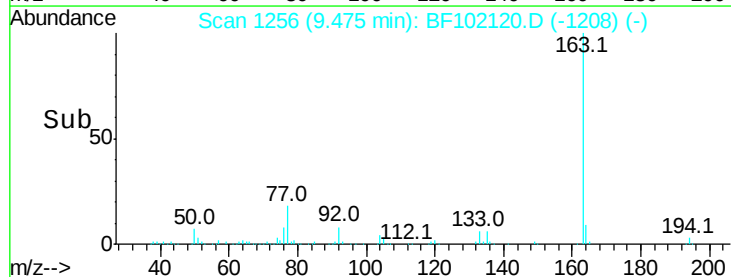
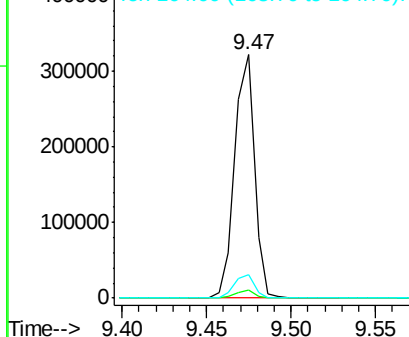


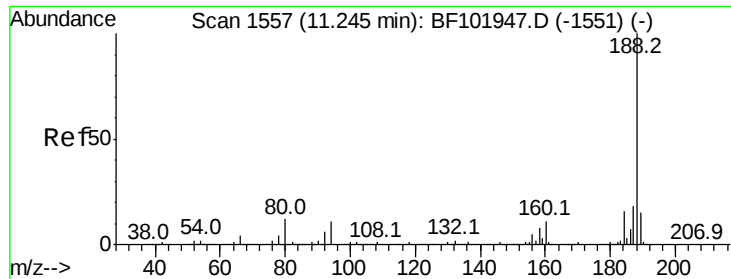
#49
Dimethylphthalate
Concen: 11.275 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion:163 Resp: 262752
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.4 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

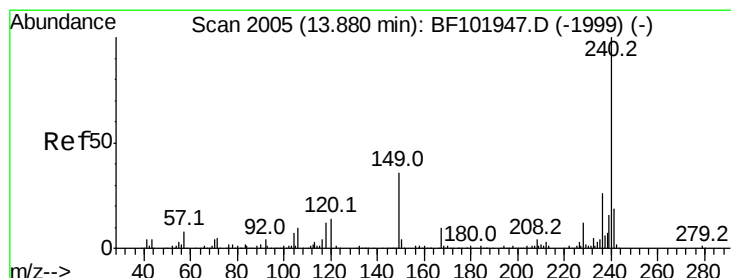
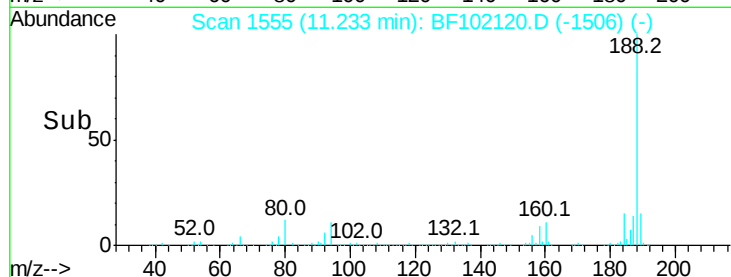
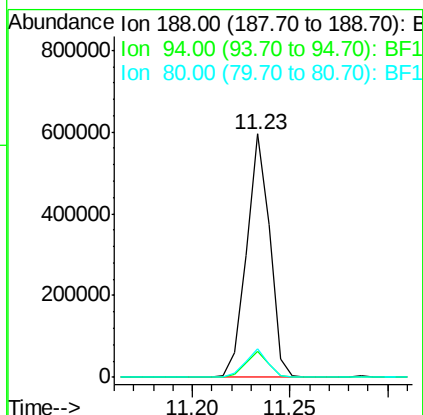
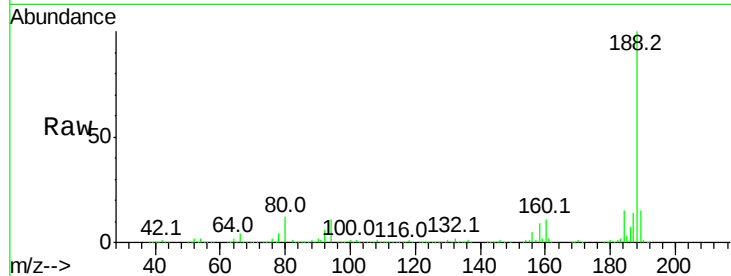




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

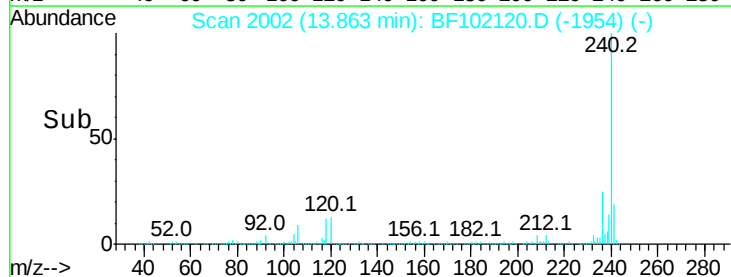
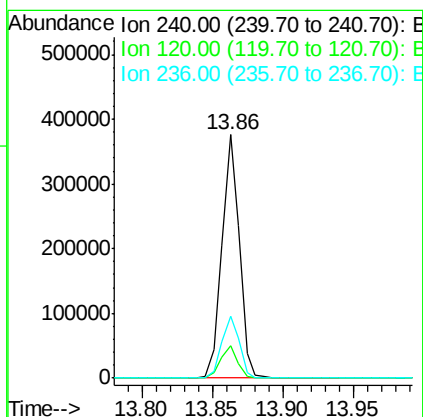
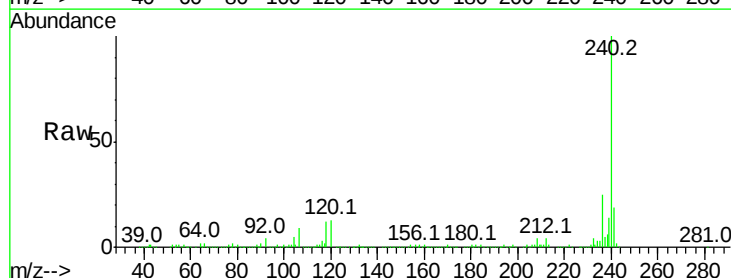
Instrument :
BNA_F
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SB-36-2.5-3.0

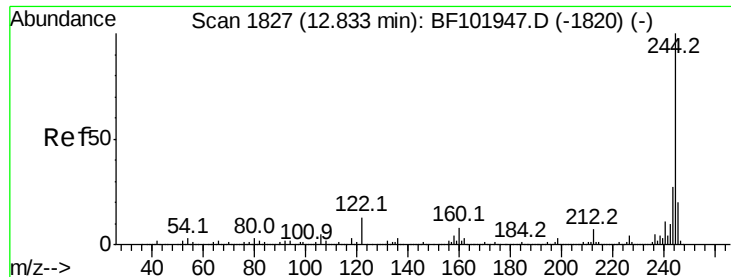
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102120.D
Acq: 16 Jan 2018 20:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.5	20.7	31.1





#78

Terphenyl-d14

Concen: 73.558 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

Instrument :

BNA_F

ClientSampleId :

SB-36-2.5-3.0

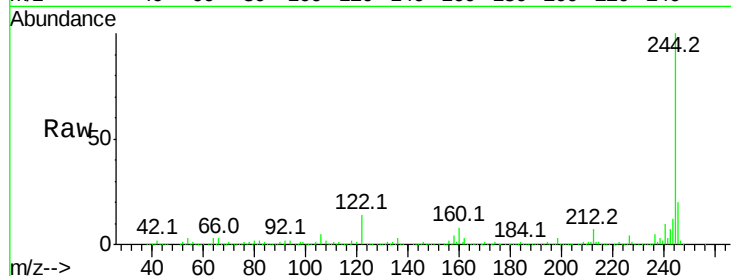
Tot Ion:244 Resp: 1141894

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

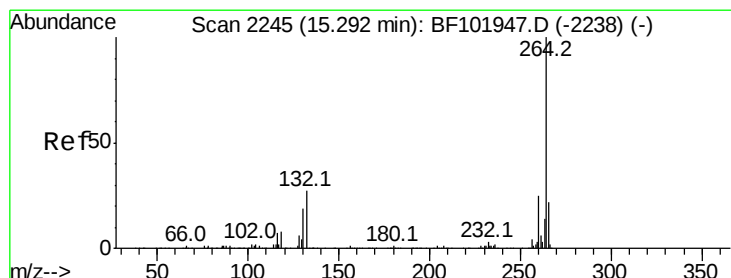
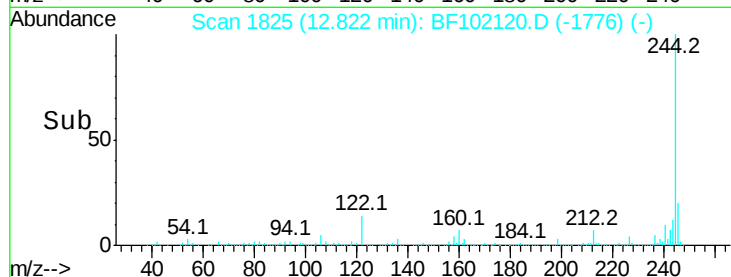
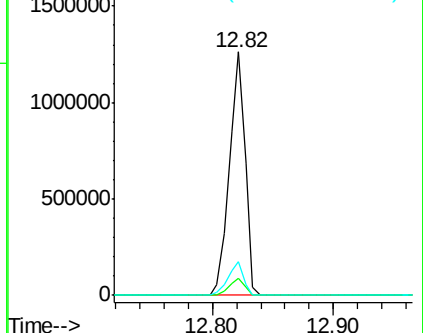
122 13.6 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102120.D

Acq: 16 Jan 2018 20:09

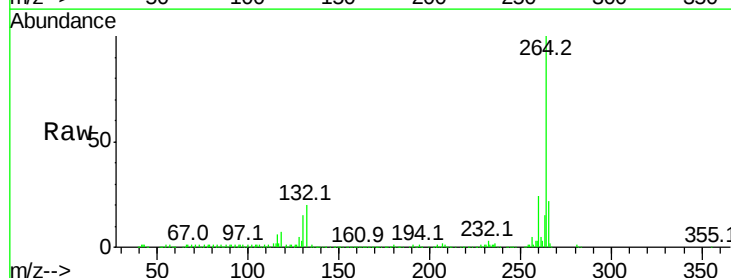
Tgt Ion:264 Resp: 285661

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.2 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

