

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102929.D
 Acq On : 12 Feb 2018 19:11
 Operator : SJ/JU
 Sample : J1517-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 13 01:26:44 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 12:44:16 2018
 Response via : Initial Calibration

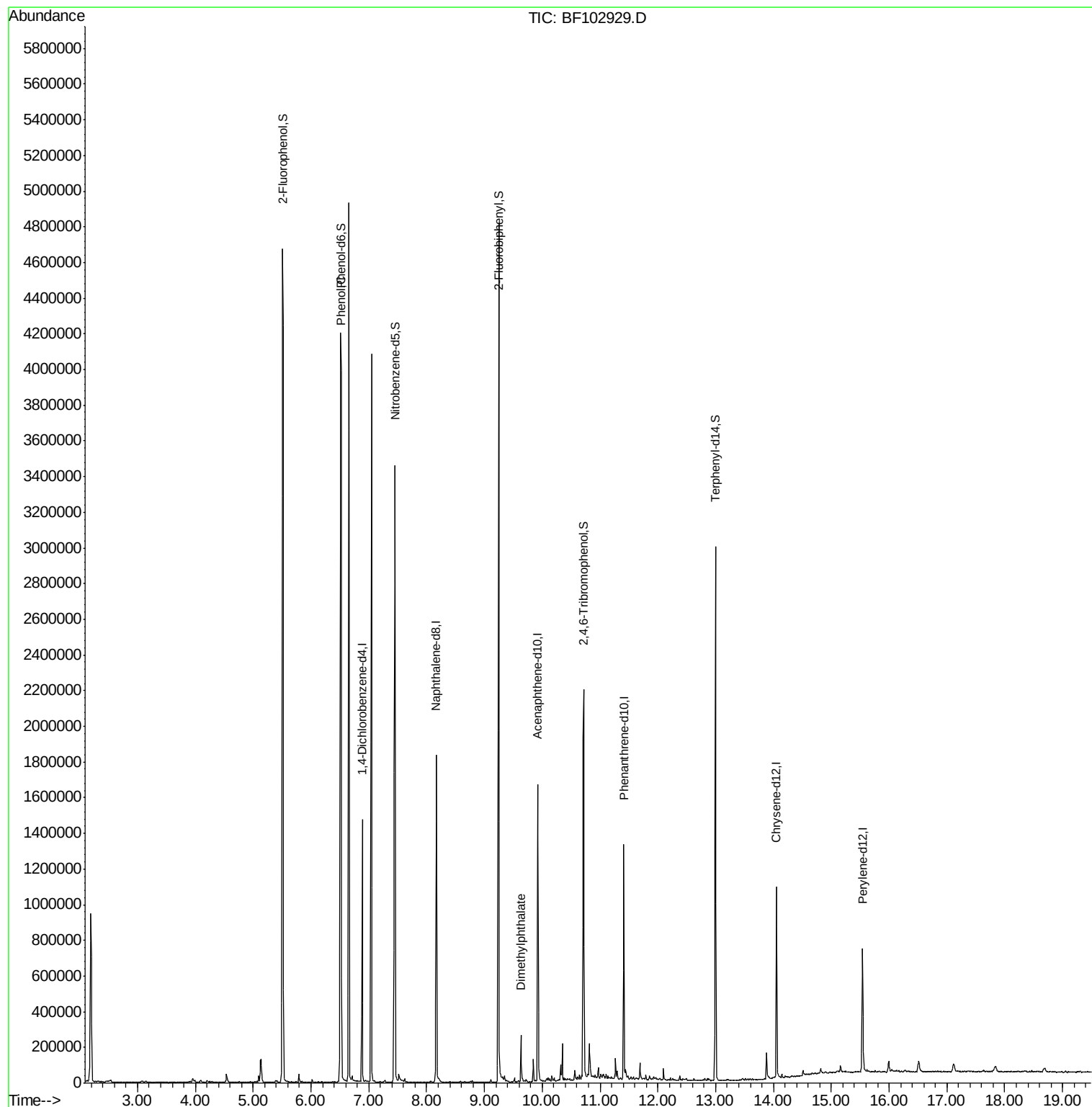
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	198241	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	817152	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	325375	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	455131	20.00	ng	0.00
75) Chrysene-d12	14.05	240	350590	20.00	ng	0.00
86) Perylene-d12	15.54	264	312746	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1454719	111.44	ng	0.02
7) Phenol-d6	6.52	99	1759987	111.98	ng	0.01
23) Nitrobenzene-d5	7.45	82	1180202	100.19	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	246485	94.12	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1584895	80.83	ng	0.00
78) Terphenyl-d14	13.00	244	999467	67.50	ng	0.00
Target Compounds						
10) Phenol	6.53	94	41193	2.446	ng	94
49) Dimethylphthalate	9.63	163	99577	3.925	ng	98

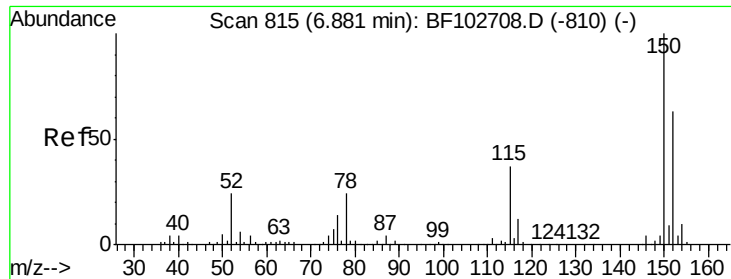
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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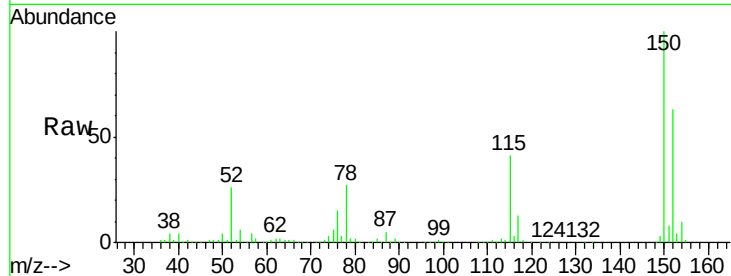


#1

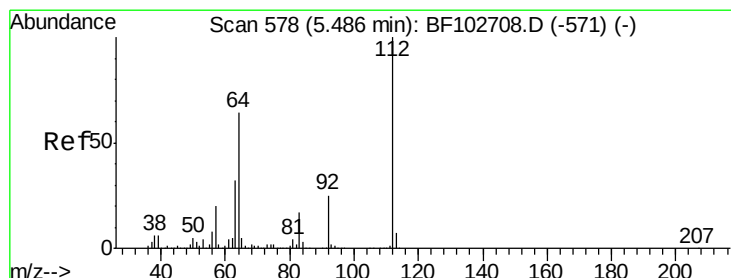
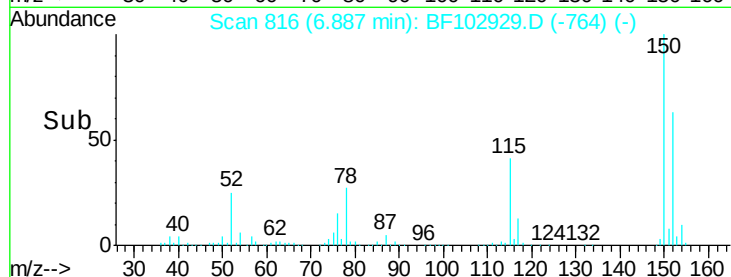
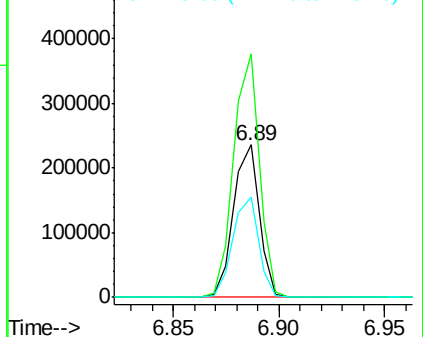
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 198241
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 66.2 50.1 75.1



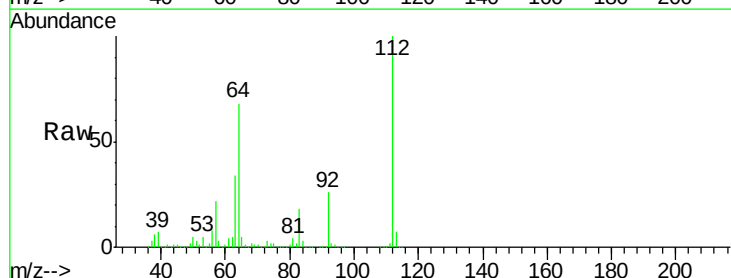
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



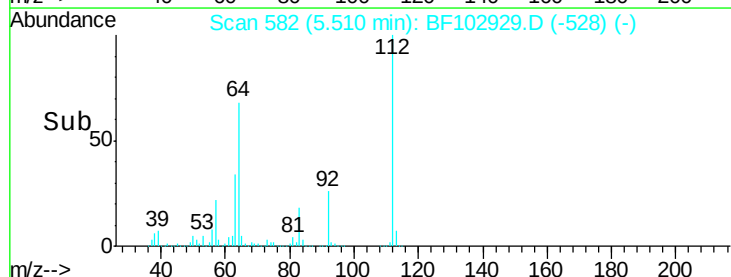
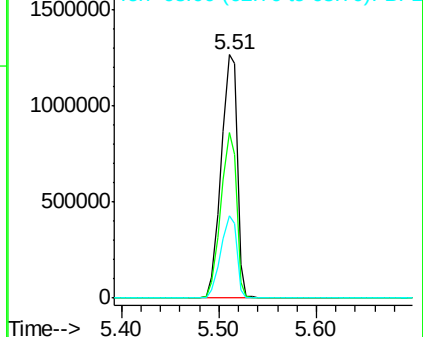
#5

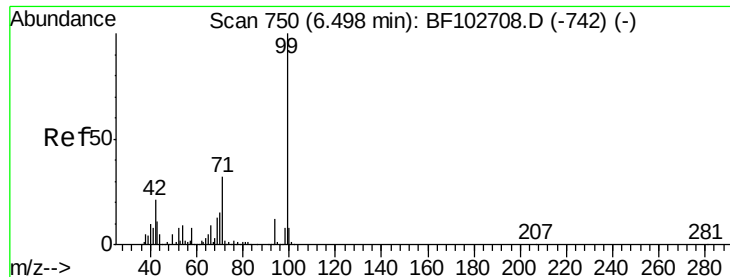
2-Fluorophenol
Concen: 111.442 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Tgt Ion:112 Resp: 1454719
Ion Ratio Lower Upper
112 100
64 67.9 47.9 71.9
63 34.1 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: 111.977 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

Instrument :

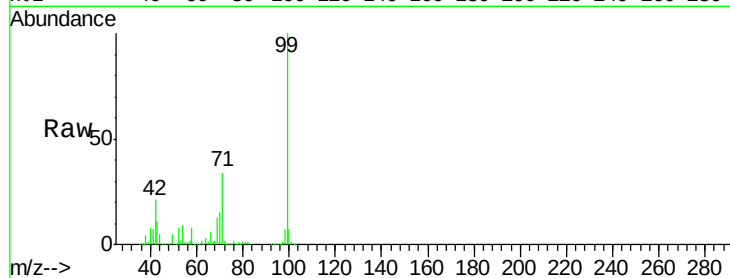
BNA_F

ClientSampleId :

TP-2

Tot Ion: 99 Resp: 1759987

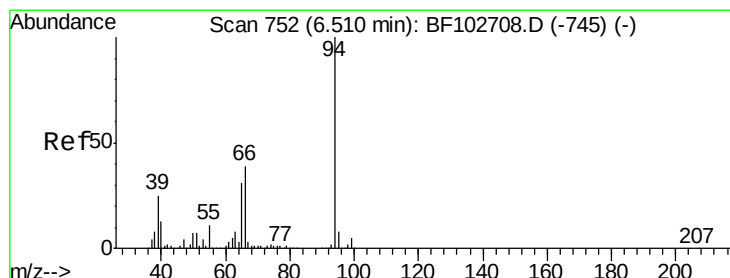
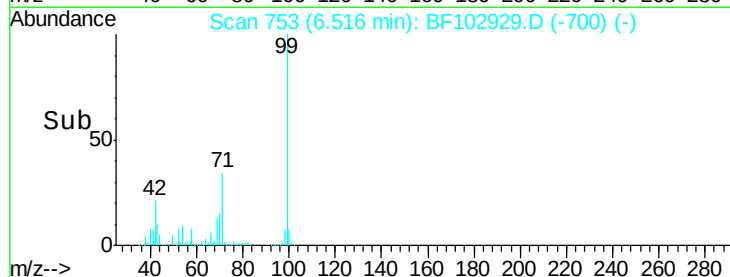
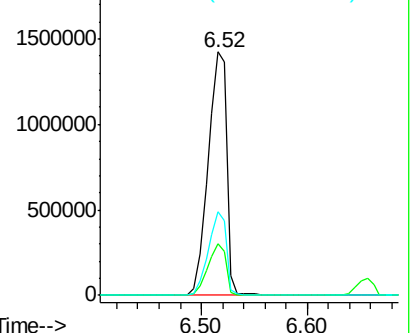
Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.1	25.4	38.0



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: 2.446 ng

RT: 6.53 min Scan# 755

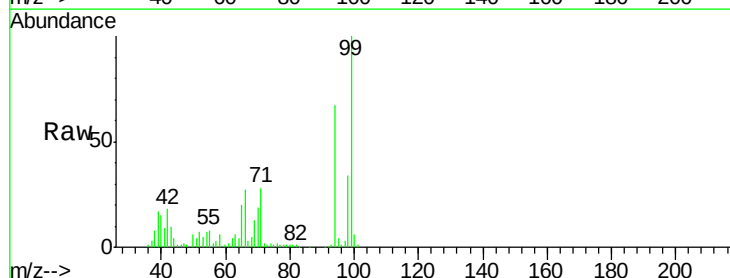
Delta R.T. 0.01 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

Tgt Ion: 94 Resp: 41193

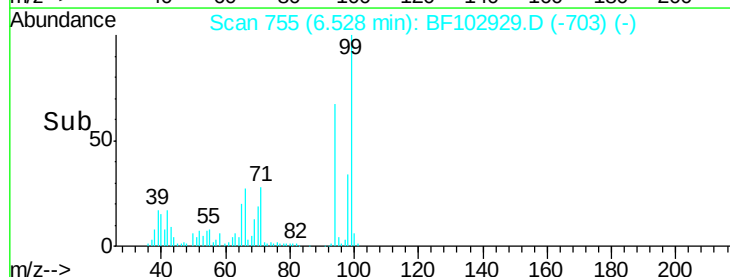
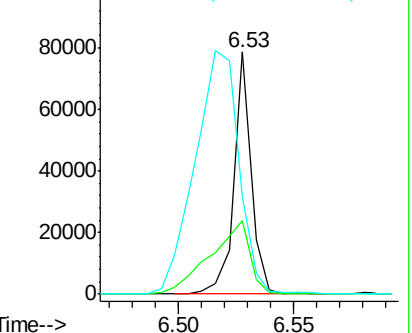
Ion	Ratio	Lower	Upper
94	100		
65	30.3	7.9	47.9
66	40.2	16.2	56.2

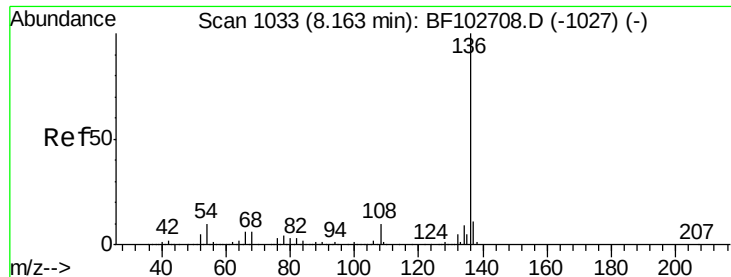


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

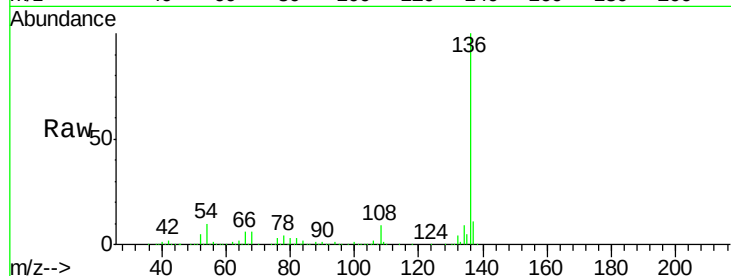




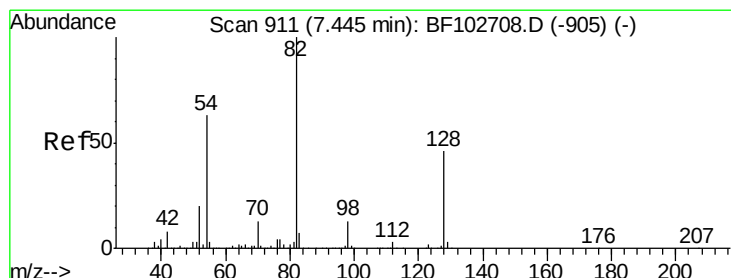
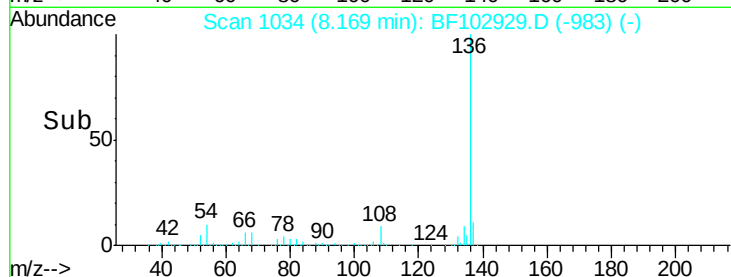
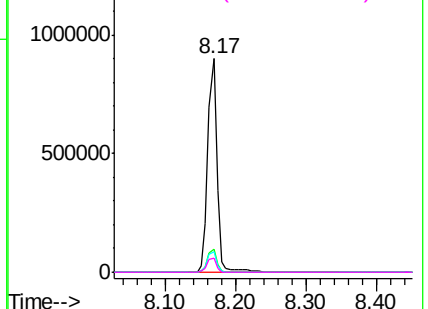
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:136	Resp:	817152
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.6	6.6 9.8
68	6.4	5.0 7.4

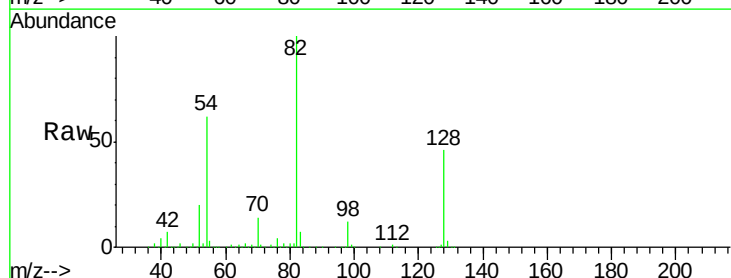


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

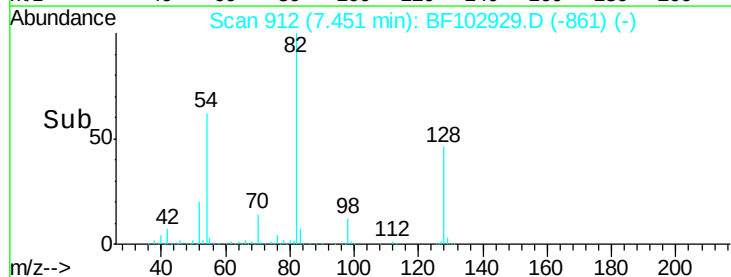
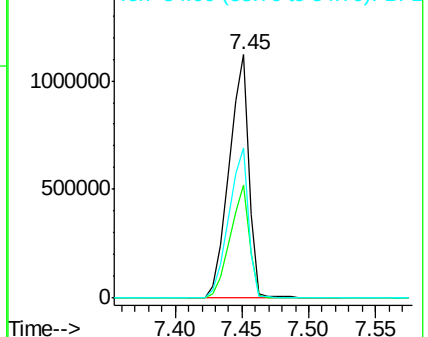


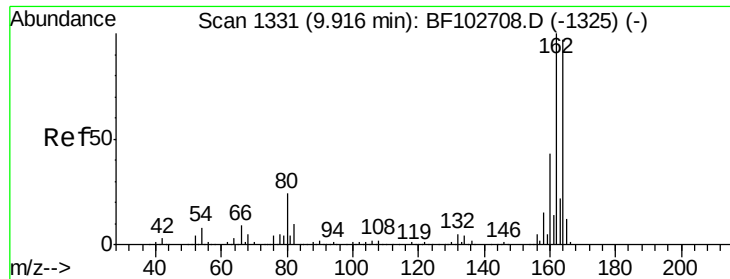
#23
Nitrobenzene-d5
Concen: 100.191 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Tgt Ion: 82	Resp:	1180202
Ion	Ratio	Lower Upper
82	100	
128	46.3	36.1 54.1
54	61.7	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: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

TP-2

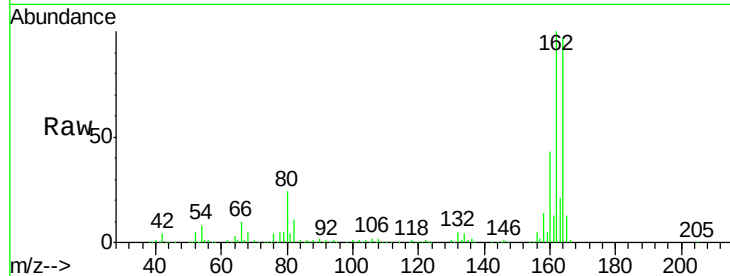
Tot Ion:164 Resp: 325375

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

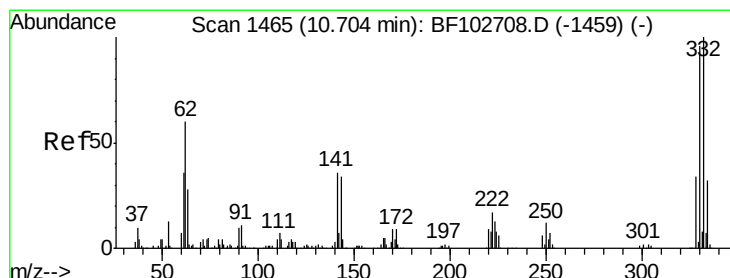
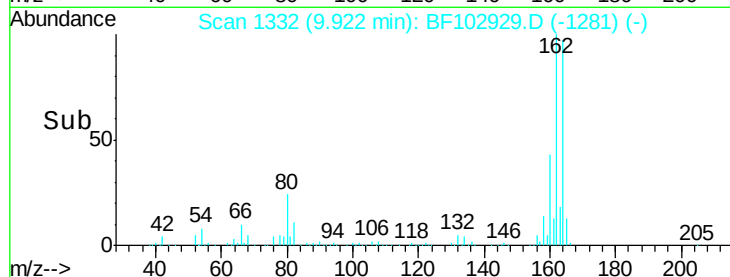
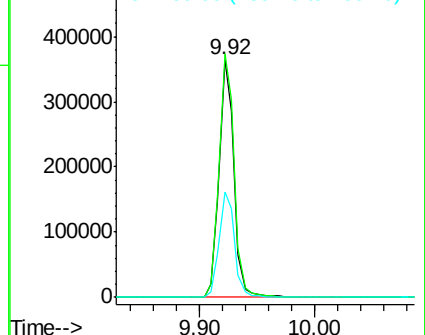
160 44.4 38.3 57.5



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: 94.118 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

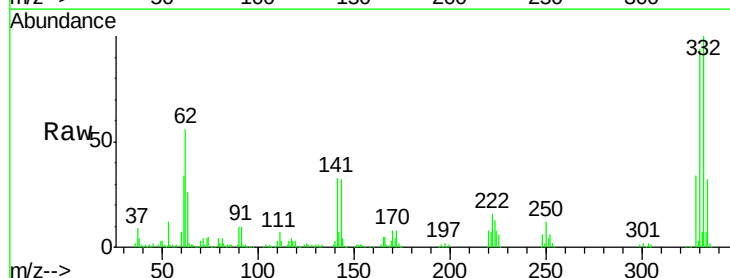
Tgt Ion:330 Resp: 246485

Ion Ratio Lower Upper

330 100

332 103.7 77.0 115.6

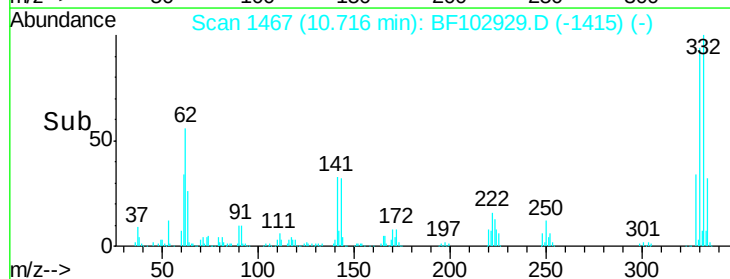
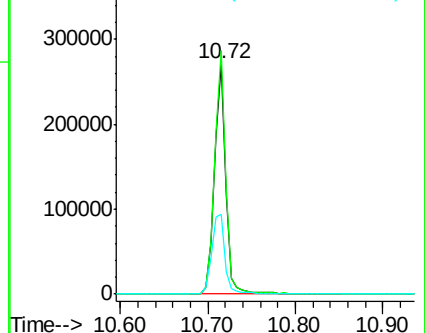
141 40.3 29.9 44.9

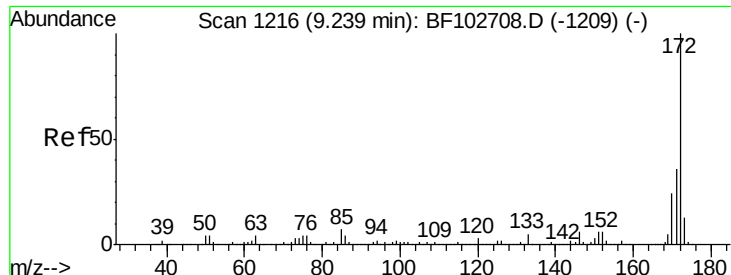


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

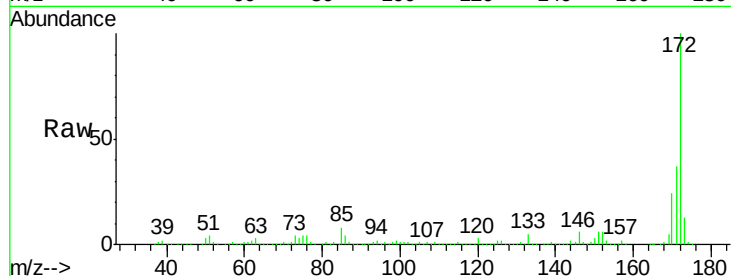




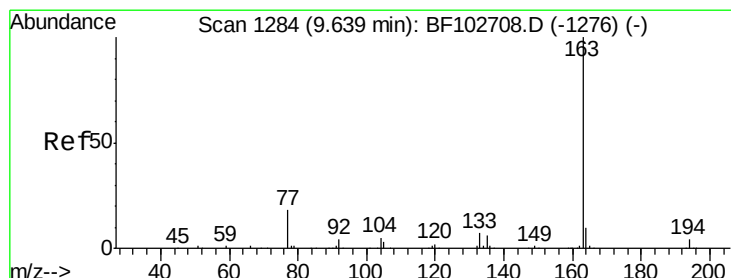
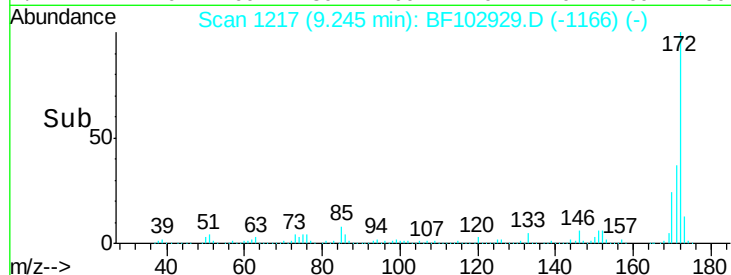
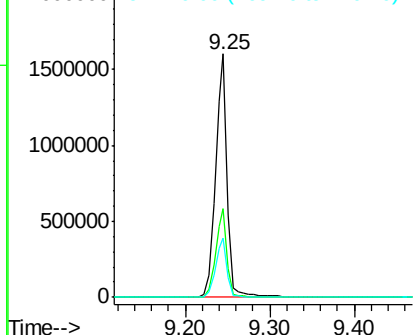
#44
2-Fluorobiphenyl
Concen: 80.827 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:172 Resp: 1584895
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.6 29.4

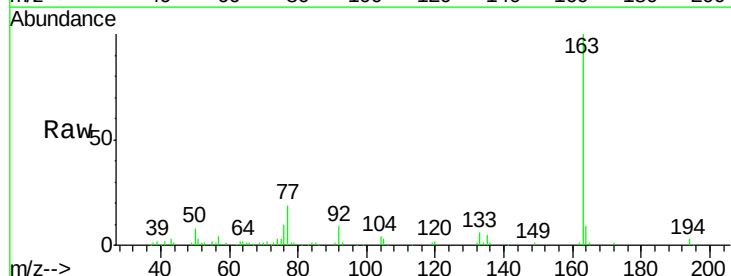


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

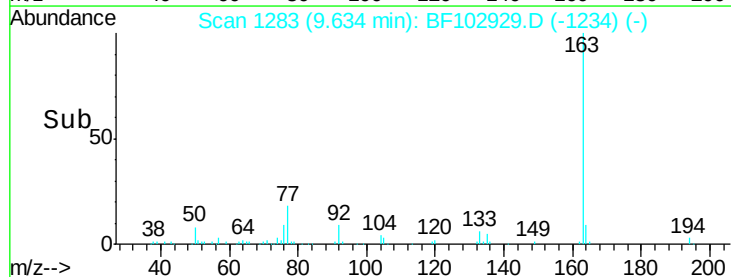
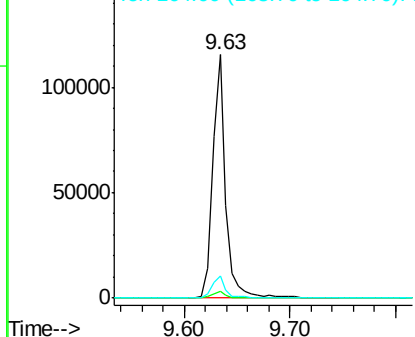


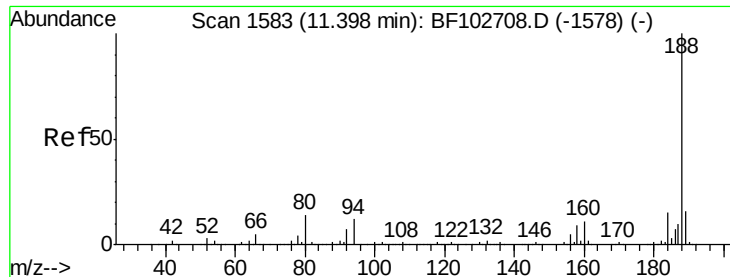
#49
Dimethylphthalate
Concen: 3.925 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102929.D
Acq: 12 Feb 2018 19:11

Tgt Ion:163 Resp: 99577
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.2 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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

Instrument :

BNA_F

ClientSampleId :

TP-2

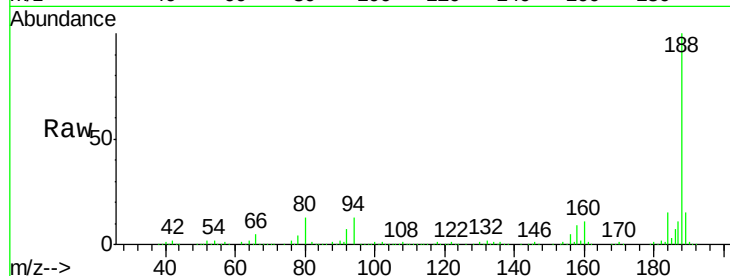
Tot Ion:188 Resp: 455131

Ion Ratio Lower Upper

188 100

94 12.6 8.5 12.7

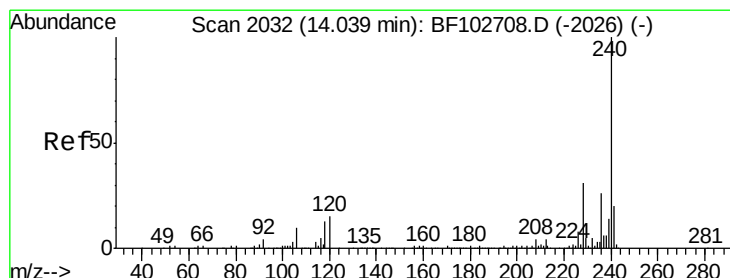
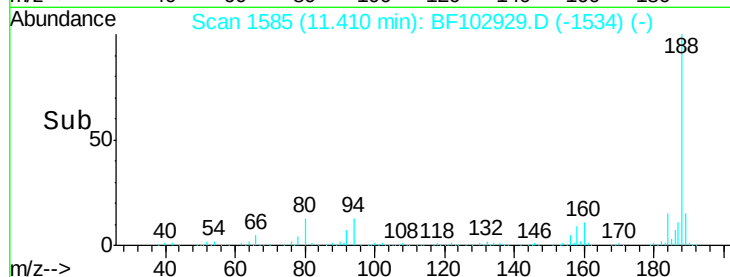
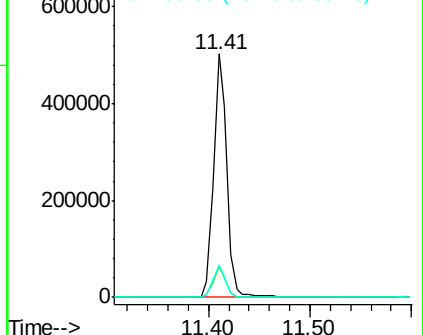
80 13.2 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

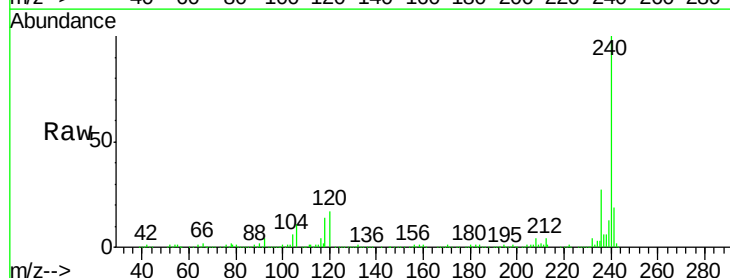
Tgt Ion:240 Resp: 350590

Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

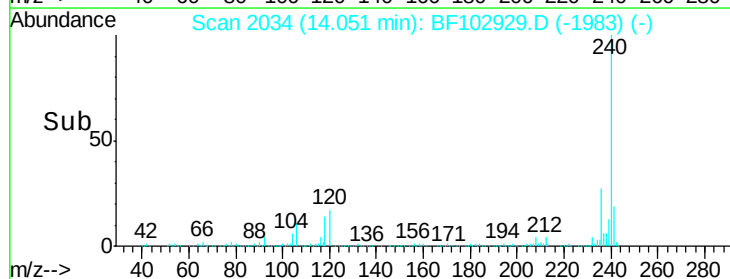
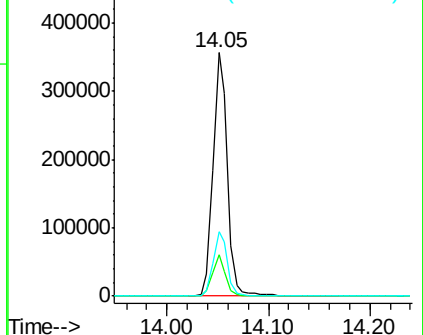
236 26.5 20.7 31.1

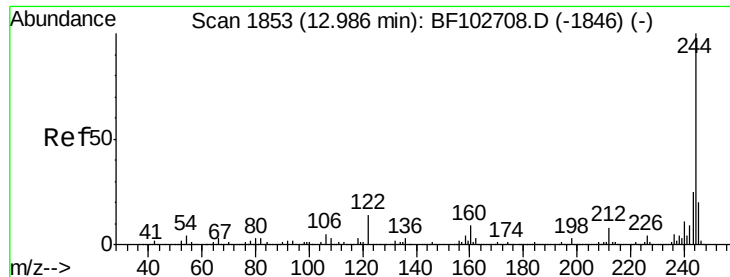


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.501 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

Instrument :

BNA_F

ClientSampled :

TP-2

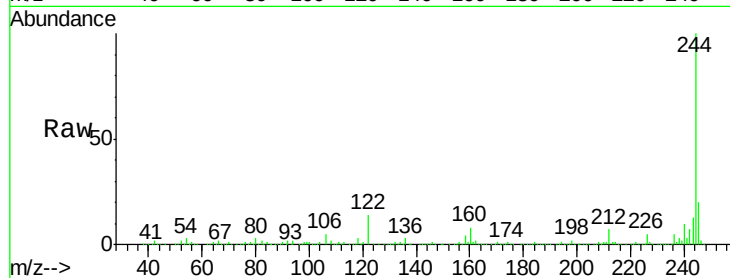
Tot Ion:244 Resp: 999467

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

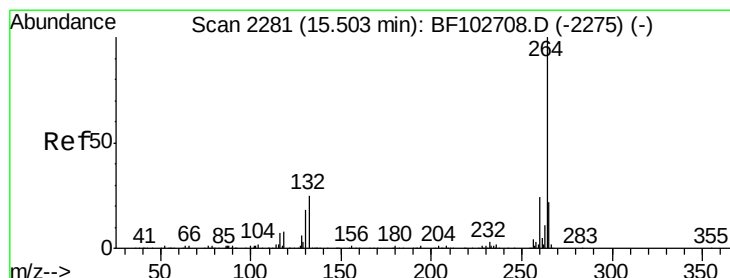
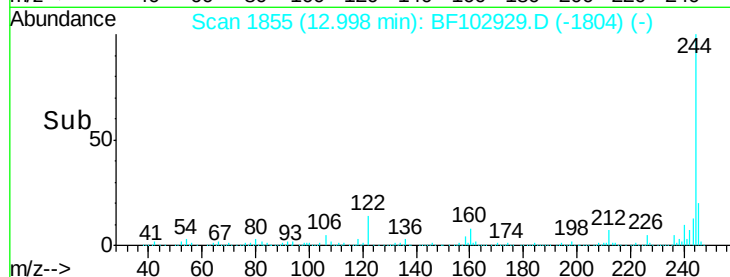
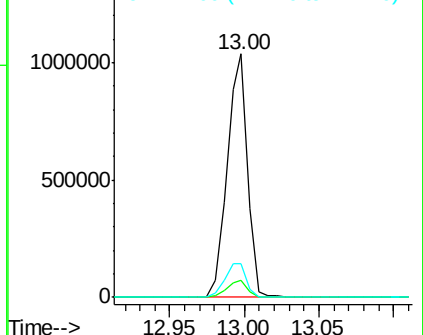
122 13.7 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102929.D

Acq: 12 Feb 2018 19:11

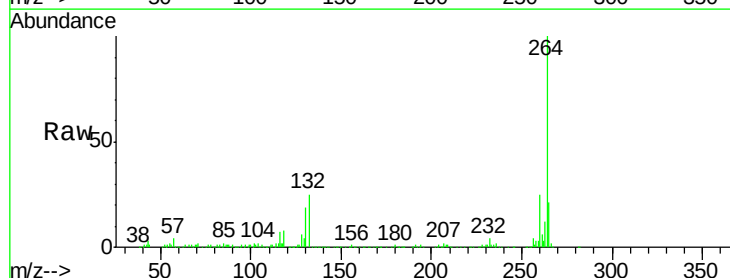
Tgt Ion:264 Resp: 312746

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 21.2 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

