

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110417\
 Data File : BF100191.D
 Acq On : 4 Nov 2017 20:57
 Operator : SJ/JU
 Sample : I6313-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF016-01

Quant Time: Nov 06 02:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

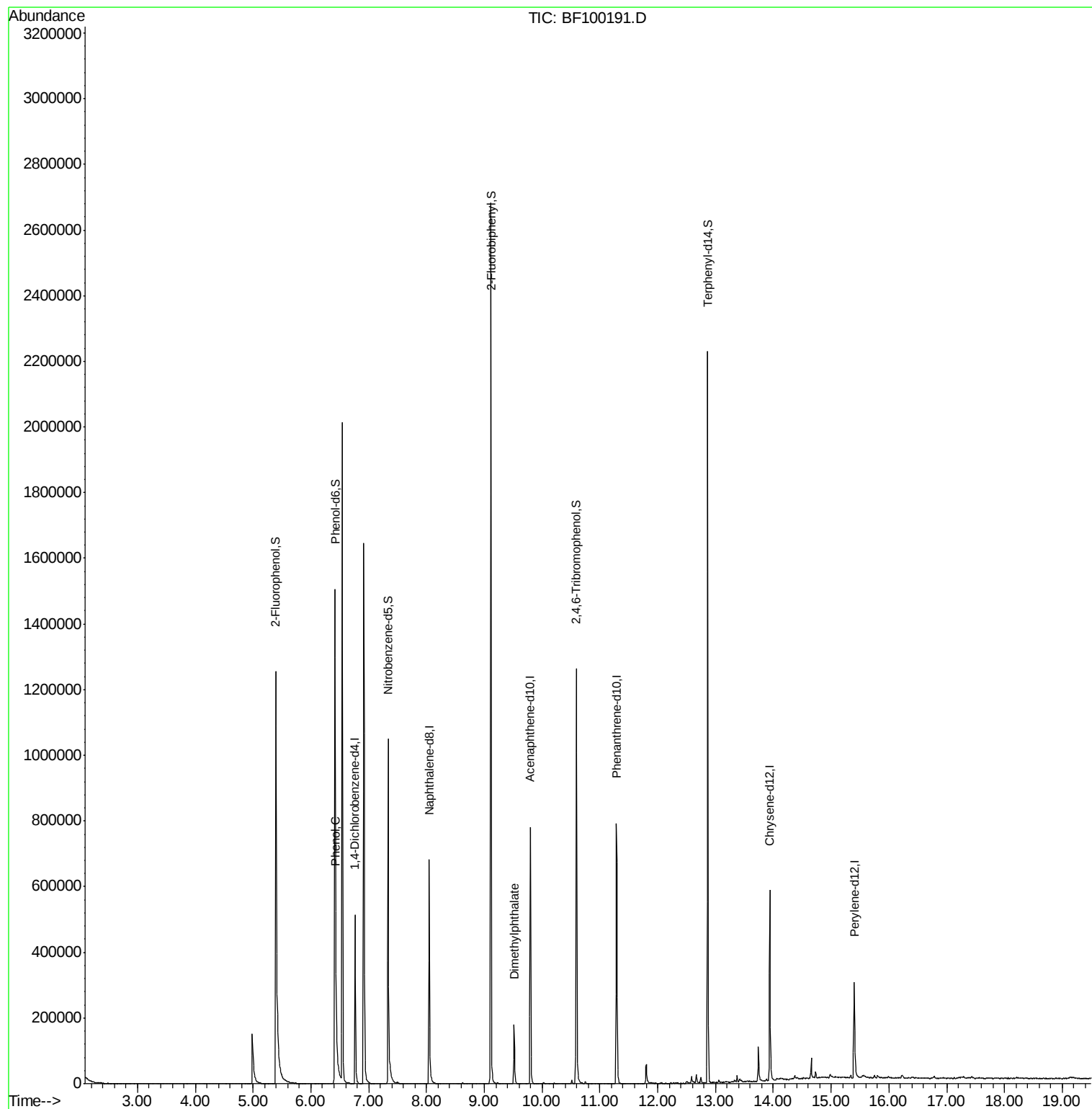
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	90864	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	375794	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	175652	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	321275	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	211872	20.00	ng	-0.01
86) Perylene-d12	15.40	264	156814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	633017	109.37	ng	0.00
7) Phenol-d6	6.42	99	766276	111.66	ng	-0.01
23) Nitrobenzene-d5	7.33	82	421701	72.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	176219	110.09	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	853868	75.00	ng	-0.01
78) Terphenyl-d14	12.87	244	781840	80.64	ng	-0.01
Target Compounds						
10) Phenol	6.43	94	30925	4.104	ng	90
49) Dimethylphthalate	9.52	163	85367	6.137	ng	100

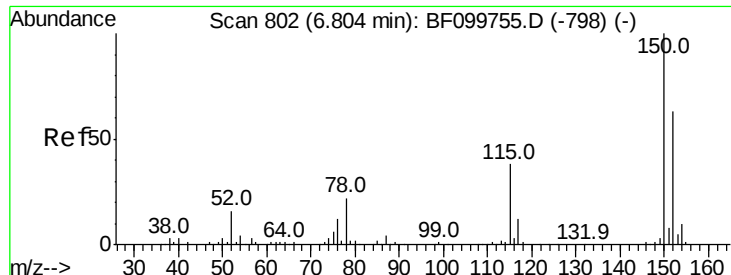
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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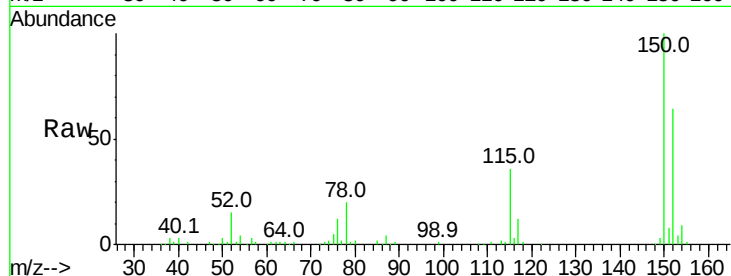


#1

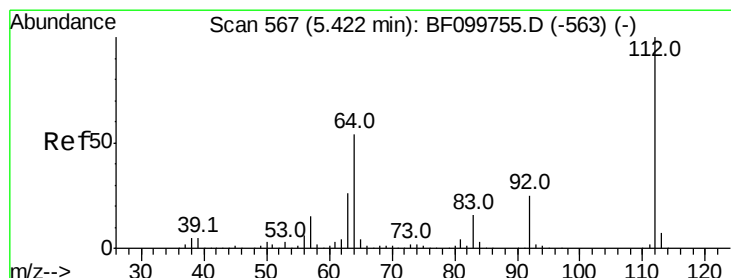
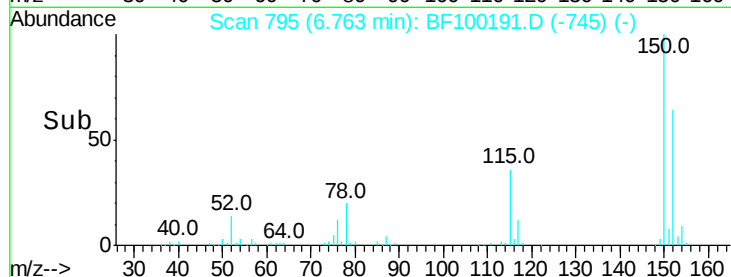
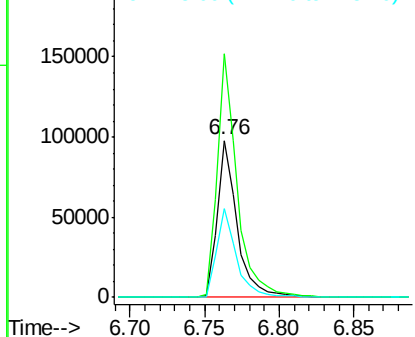
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Instrument :
BNA_F
ClientSampleId :
PET-BF016-01

Tot Ion:152 Resp: 90864
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 56.2 50.1 75.1



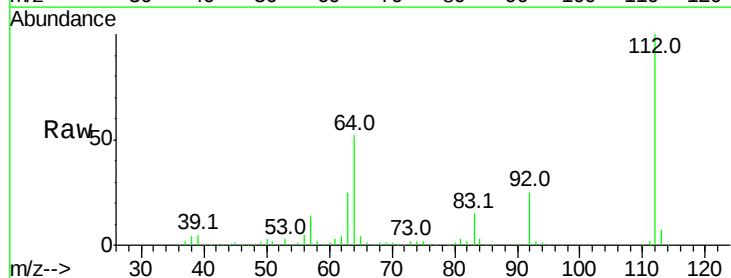
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



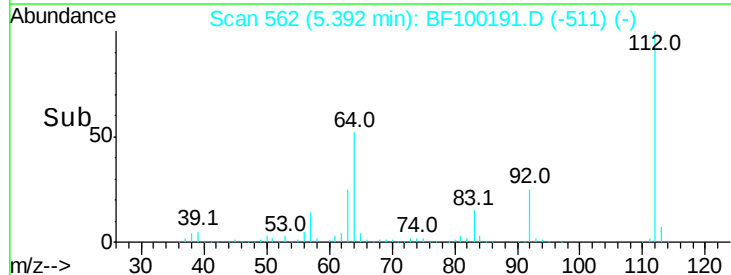
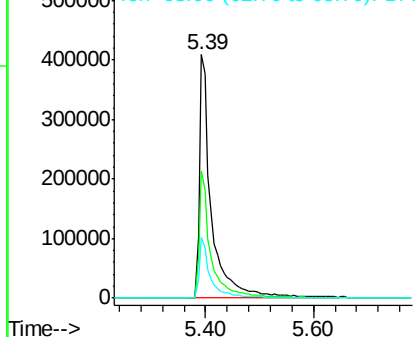
#5

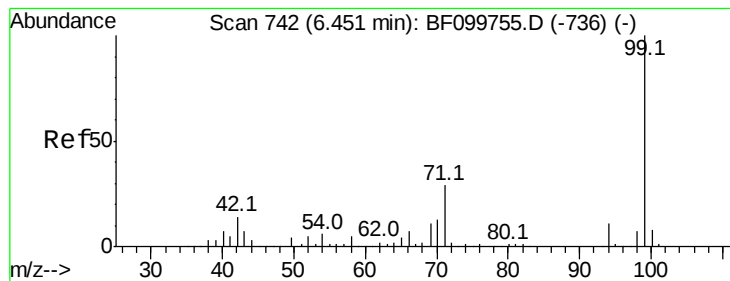
2-Fluorophenol
Concen: 109.374 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Tgt Ion:112 Resp: 633017
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 24.8 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: 111.661 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

PET-BF016-01

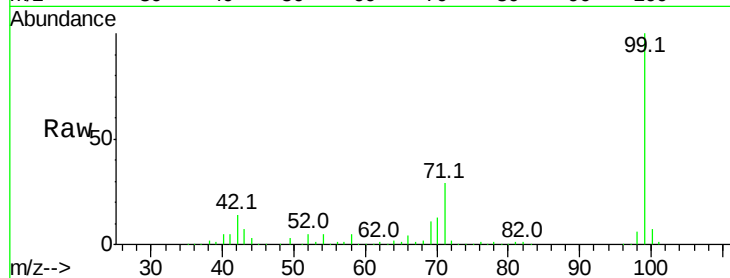
Tot Ion: 99 Resp: 766276

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

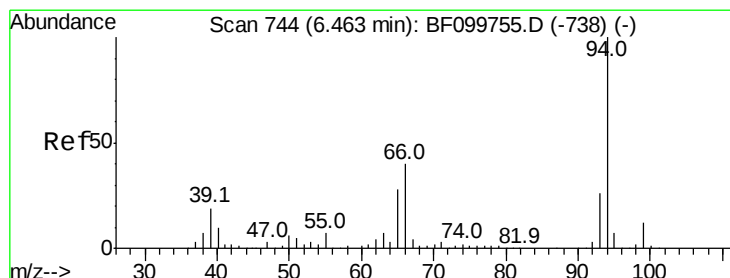
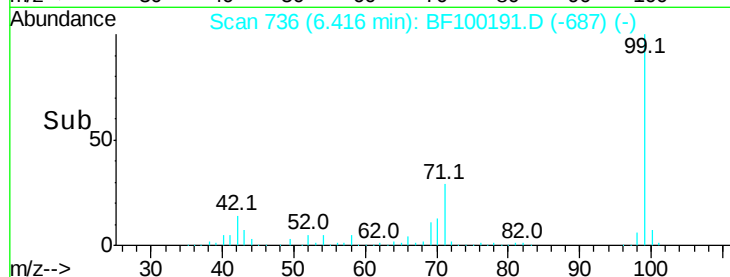
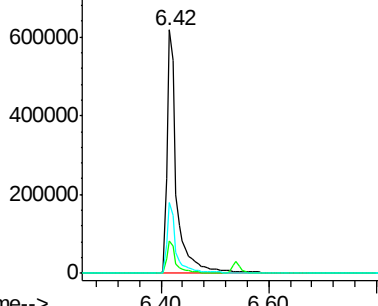
71 29.0 25.4 38.0



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: 4.104 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

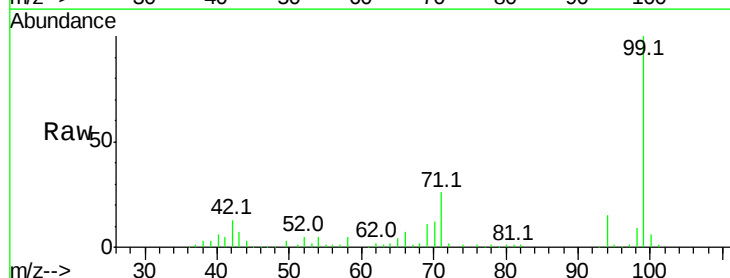
Tgt Ion: 94 Resp: 30925

Ion Ratio Lower Upper

94 100

65 27.4 7.9 47.9

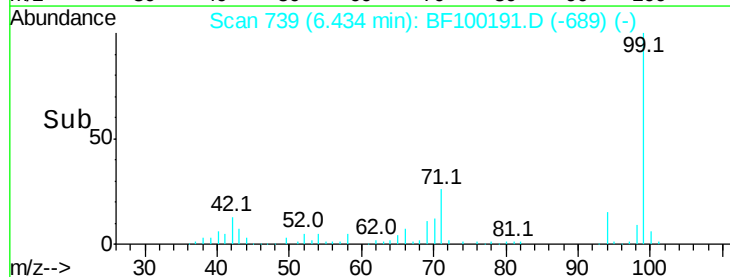
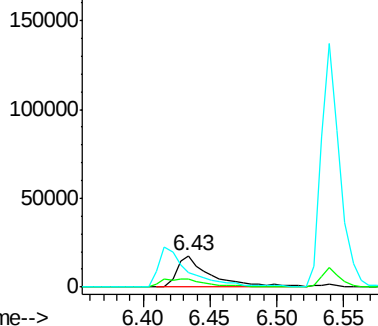
66 46.1 16.2 56.2

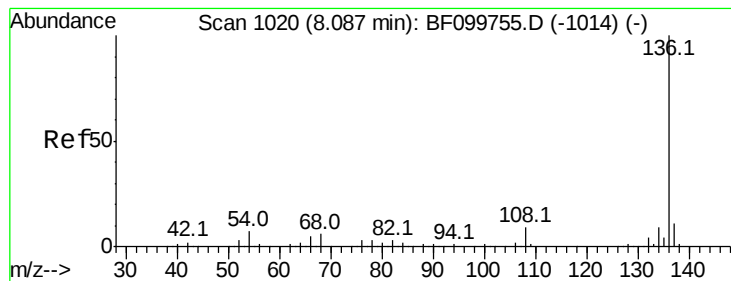


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

PET-BF016-01

Tot Ion:136 Resp: 375794

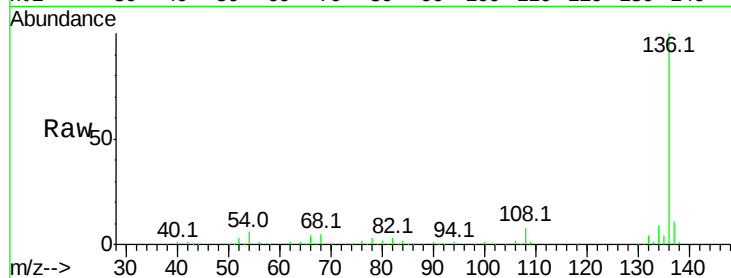
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.4 6.6 9.8#

68 5.1 5.0 7.4

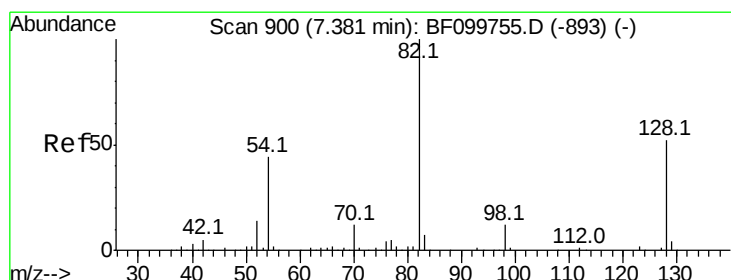
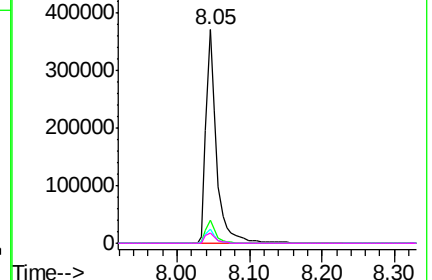
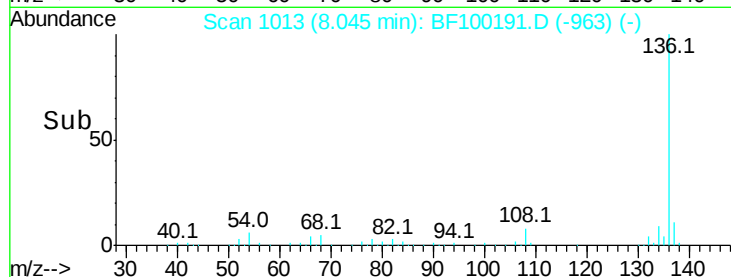


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.245 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

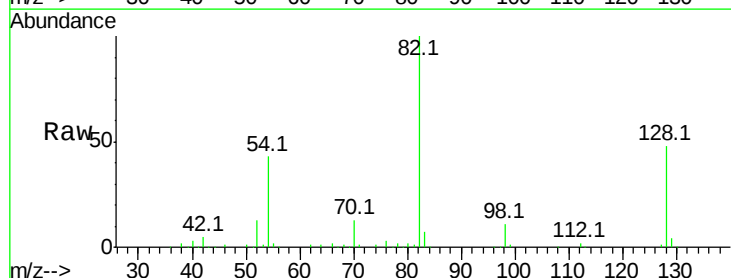
Tgt Ion: 82 Resp: 421701

Ion Ratio Lower Upper

82 100

128 48.3 36.1 54.1

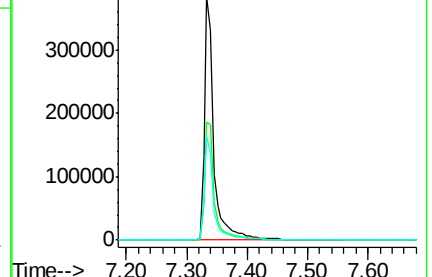
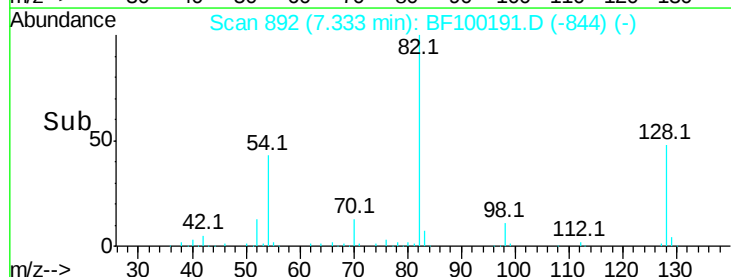
54 42.9 41.4 62.2

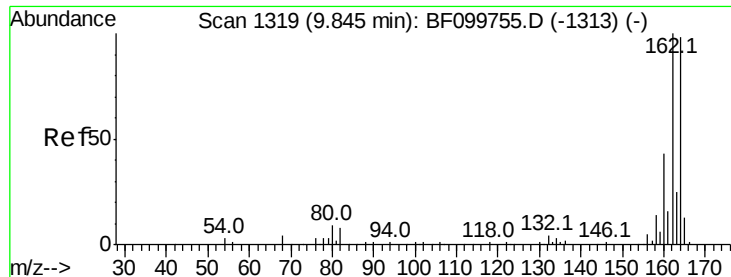


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

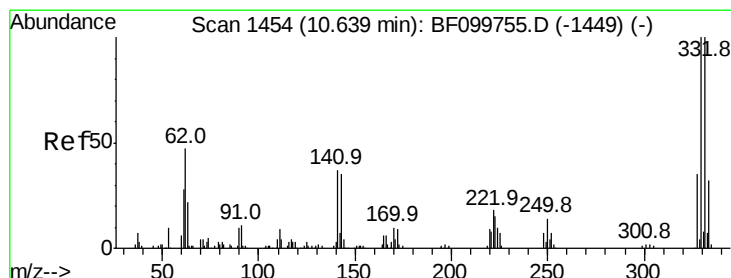
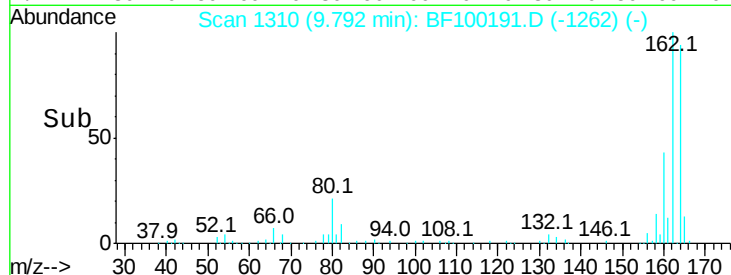
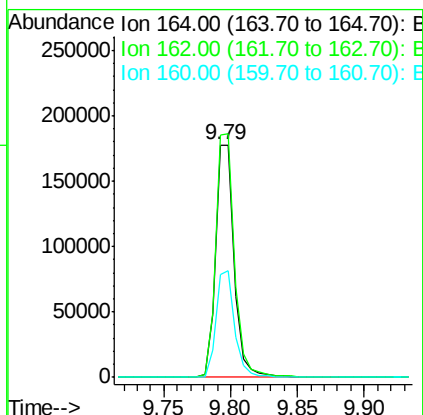
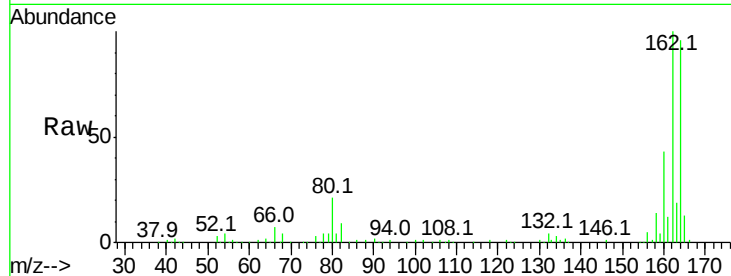




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

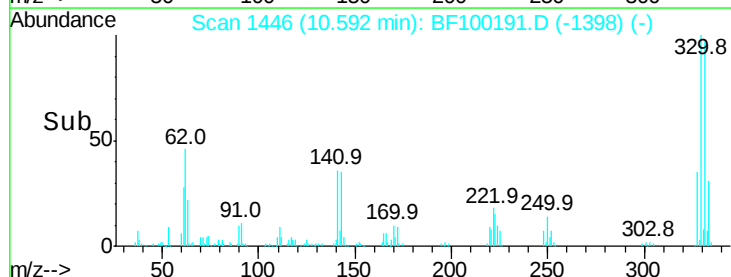
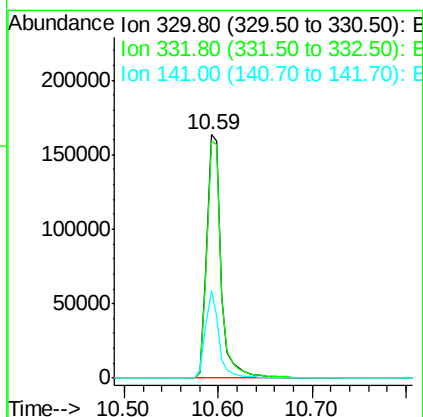
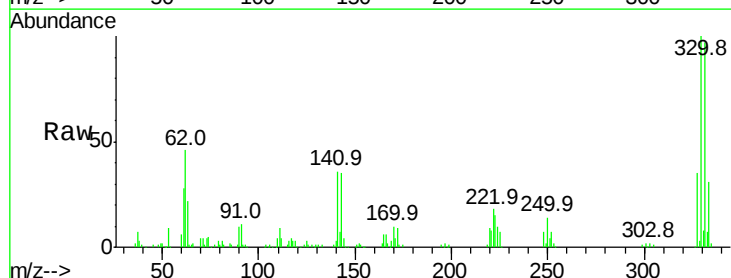
Instrument :
BNA_F
ClientSampleId :
PET-BF016-01

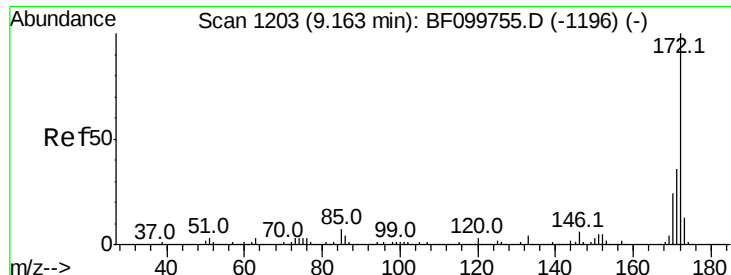
Tot Ion:164 Resp: 175652
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 44.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 110.086 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Tgt Ion:330 Resp: 176219
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 33.5 29.9 44.9



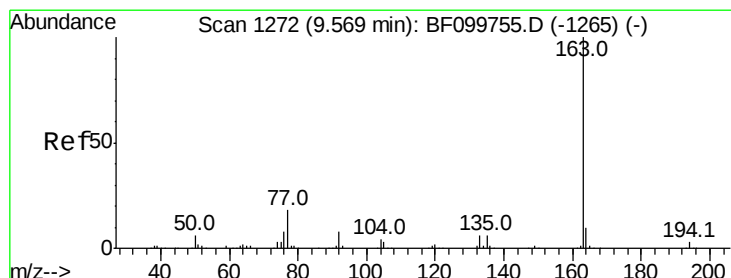
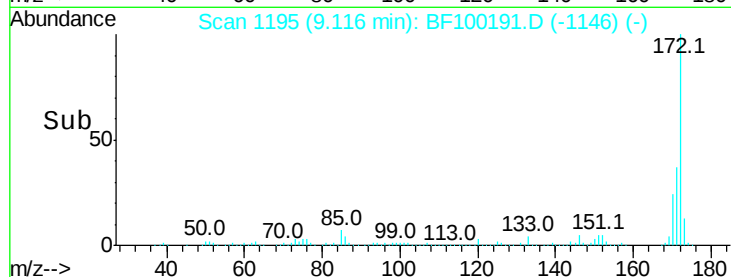
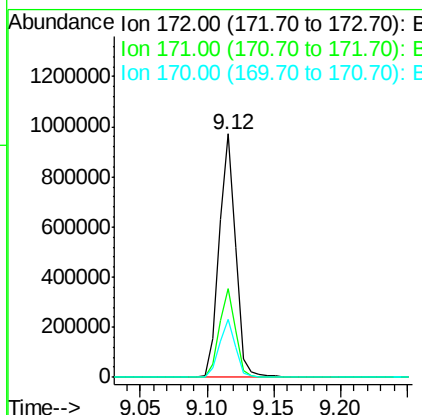
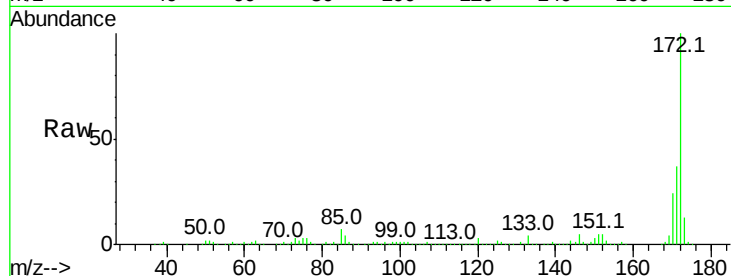


#44
 2-Fluorobiphenyl
 Concen: 74.999 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF016-01

Tot Ion:172 Resp: 853868

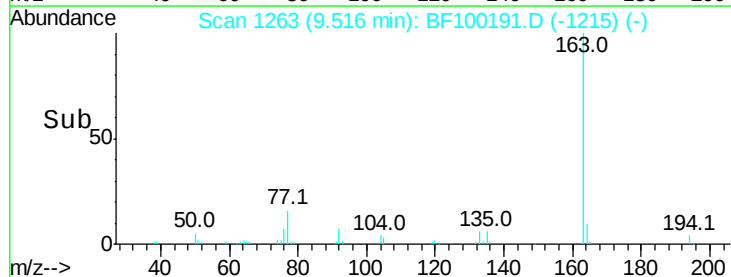
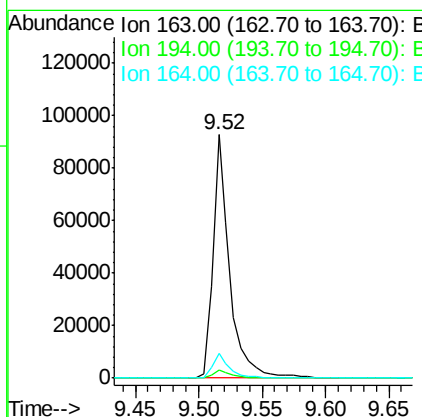
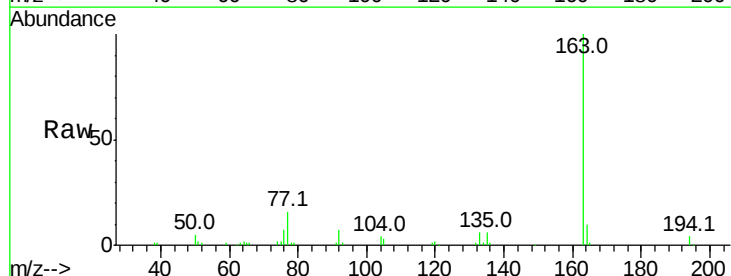
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	19.6	29.4

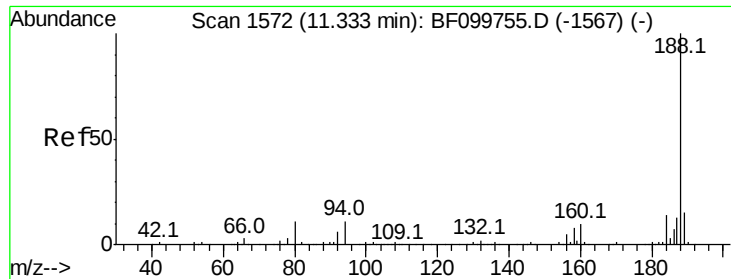


#49
 Dimethylphthalate
 Concen: 6.137 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BF100191.D
 Acq: 4 Nov 2017 20:57

Tgt Ion:163 Resp: 85367

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

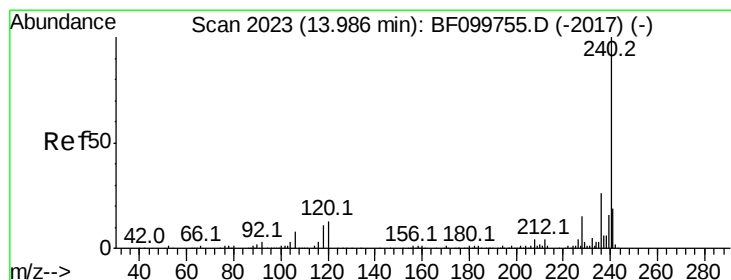
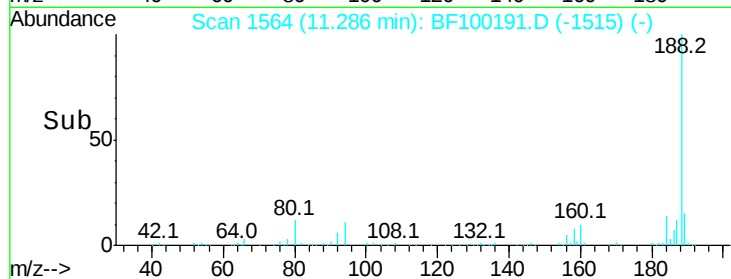
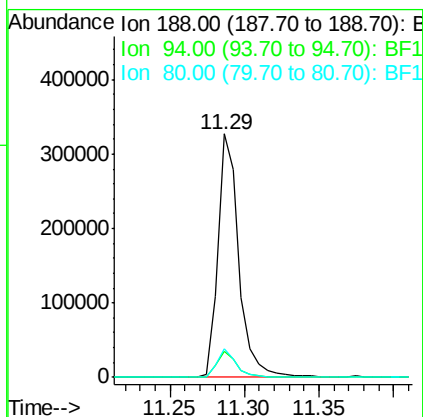
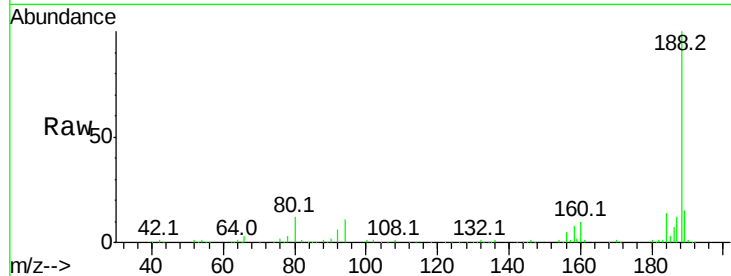




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

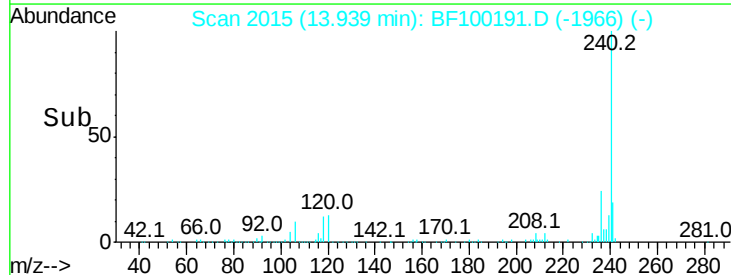
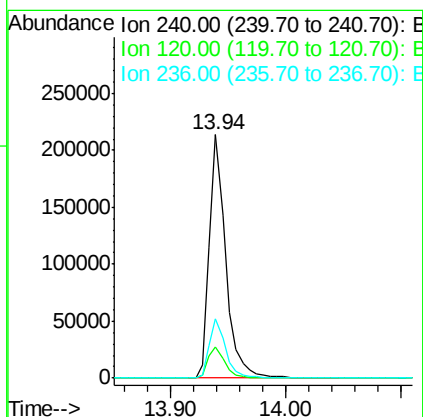
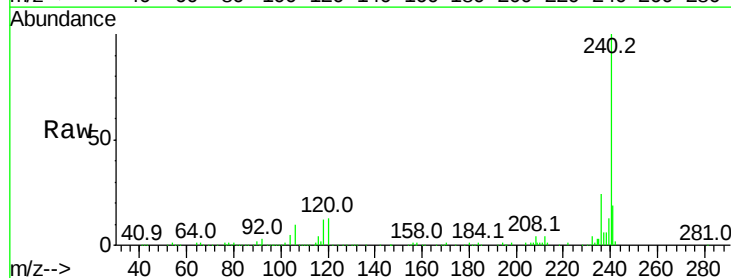
Instrument :
BNA_F
ClientSampleId :
PET-BF016-01

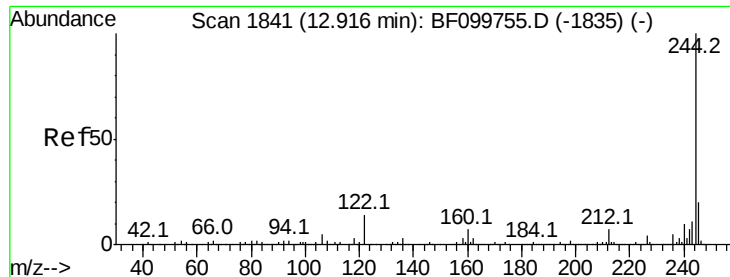
Tot Ion:188 Resp: 321275
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF100191.D
Acq: 4 Nov 2017 20:57

Tgt Ion:240 Resp: 211872
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 24.4 20.7 31.1





#78

Terphenyl-d14

Concen: 80.644 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

Instrument :

BNA_F

ClientSampleId :

PET-BF016-01

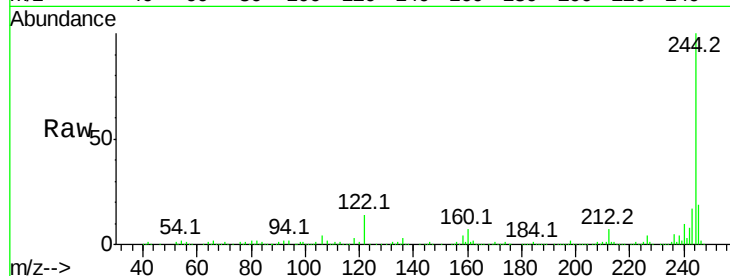
Tot Ion:244 Resp: 781840

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

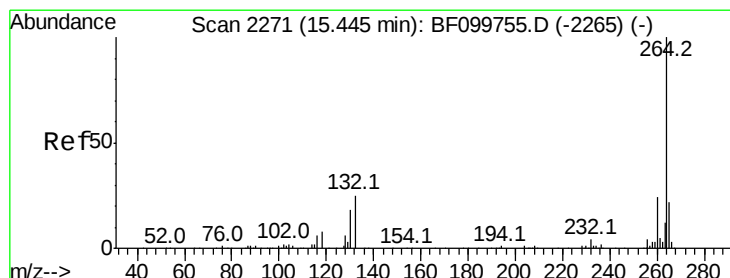
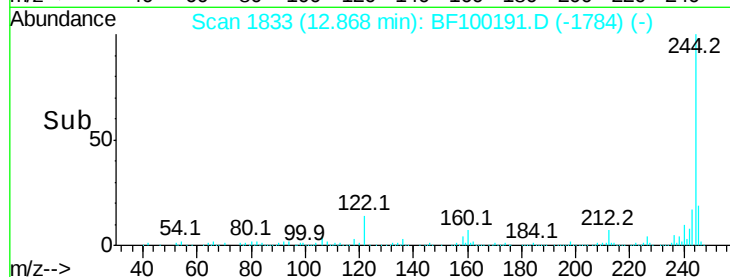
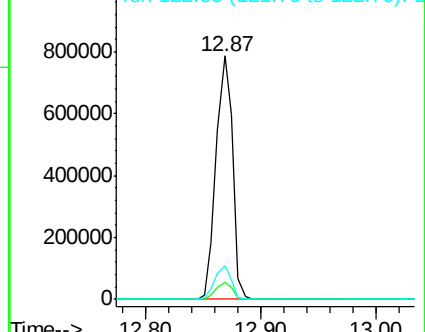
122 13.6 11.0 16.4



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: 15.40 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BF100191.D

Acq: 4 Nov 2017 20:57

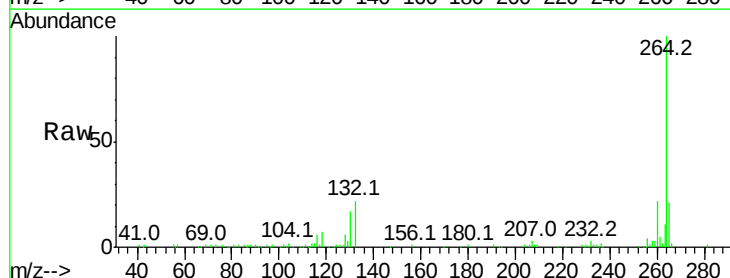
Tgt Ion:264 Resp: 156814

Ion Ratio Lower Upper

264 100

260 21.9 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

