

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111955.D
 Acq On : 9 Jan 2019 17:53
 Operator : JU/SJ
 Sample : K1075-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-4

Quant Time: Jan 10 02:56:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

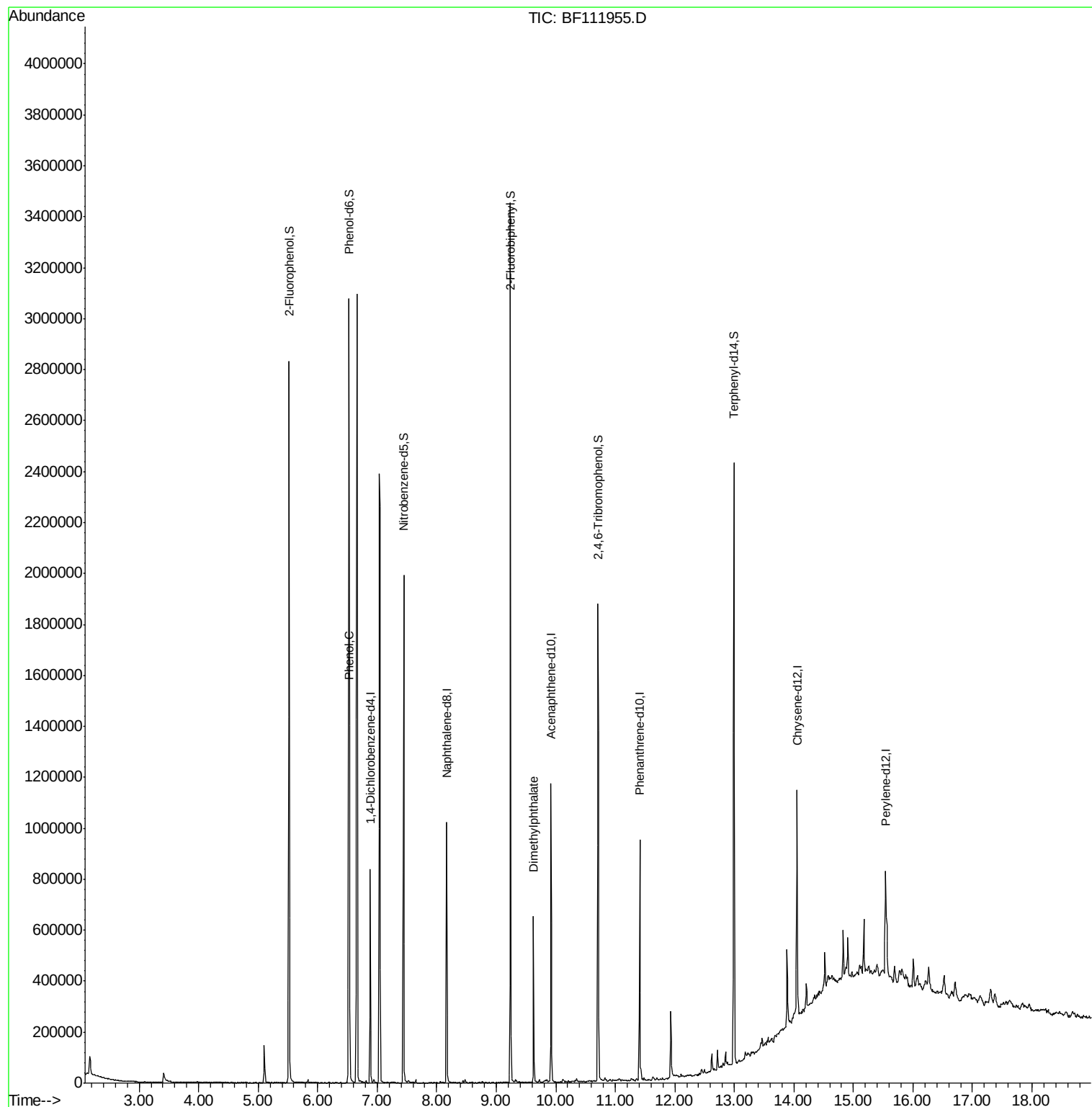
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	129255	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	471283	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	217081	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	349474	20.00	ng	0.00
76) Chrysene-d12	14.05	240	281101	20.00	ng	0.00
87) Perylene-d12	15.54	264	198459	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	805506	106.62	ng	0.00
7) Phenol-d6	6.53	99	997864	102.47	ng	0.00
23) Nitrobenzene-d5	7.45	82	628948	71.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	227074	80.42	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	966355	64.91	ng	-0.01
79) Terphenyl-d14	12.99	244	721850	48.75	ng	0.00
Target Compounds						
10) Phenol	6.54	94	46423	4.386	ng	Qvalue # 73
50) Dimethylphthalate	9.63	163	243153	14.911	ng	99

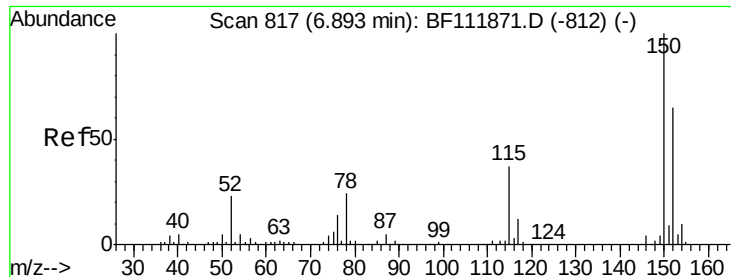
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

BASIN-4

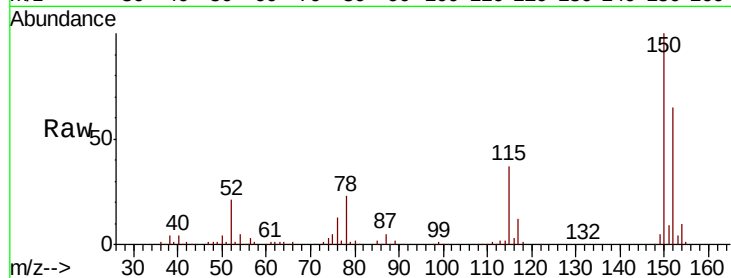
Tot Ion:152 Resp: 129255

Ion Ratio Lower Upper

152 100

150 152.9 122.7 184.1

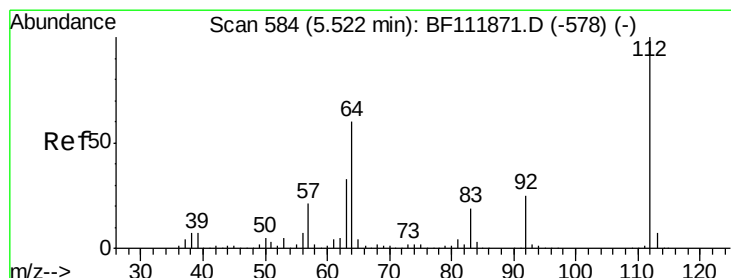
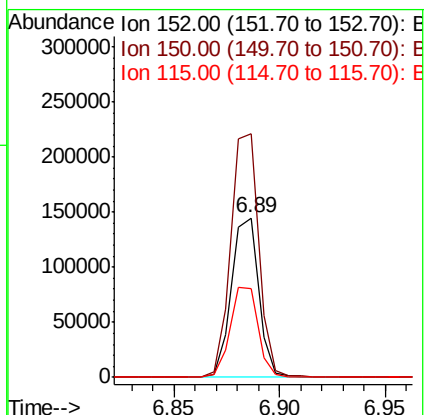
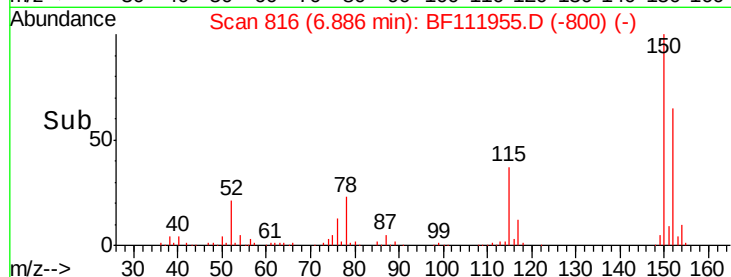
115 55.8 45.2 67.8



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: 106.617 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

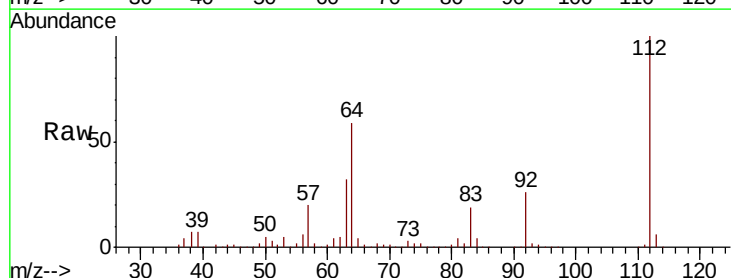
Tgt Ion:112 Resp: 805506

Ion Ratio Lower Upper

112 100

64 59.2 48.3 72.5

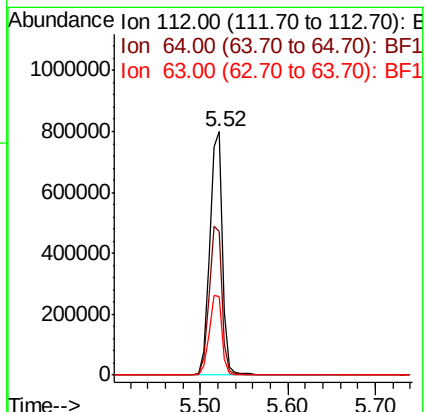
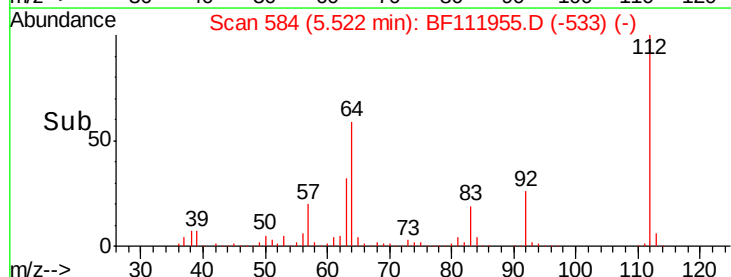
63 32.0 26.1 39.1

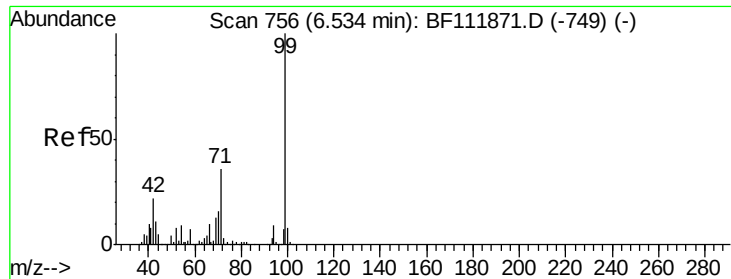


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.474 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampled :

BASIN-4

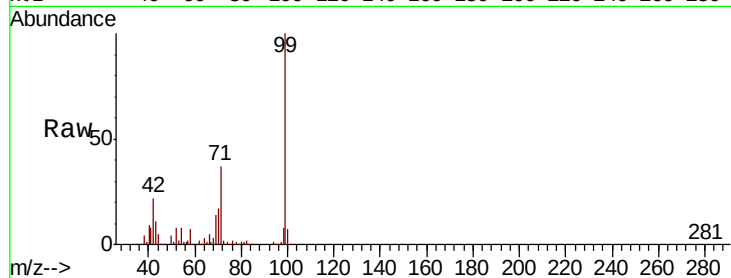
Tot Ion: 99 Resp: 997864

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

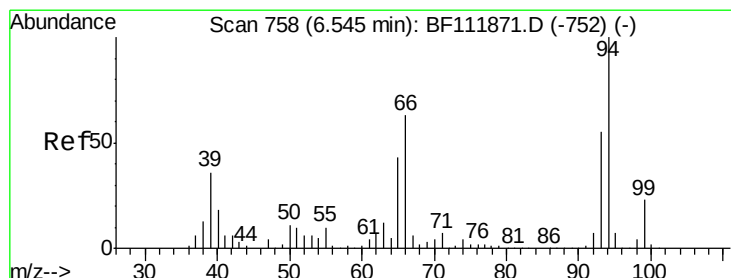
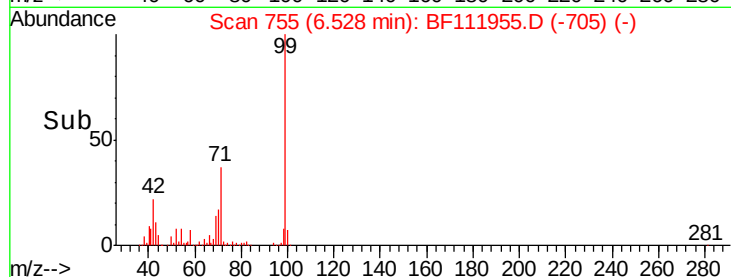
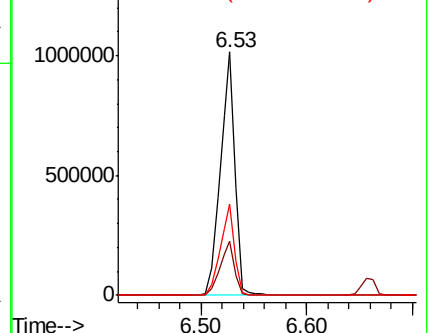
71 37.4 28.7 43.1



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: 4.386 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

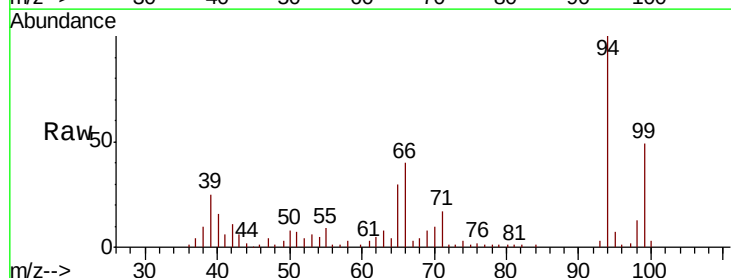
Tgt Ion: 94 Resp: 46423

Ion Ratio Lower Upper

94 100

65 29.5 22.8 62.8

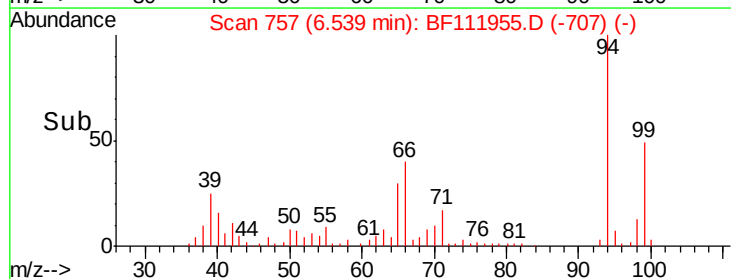
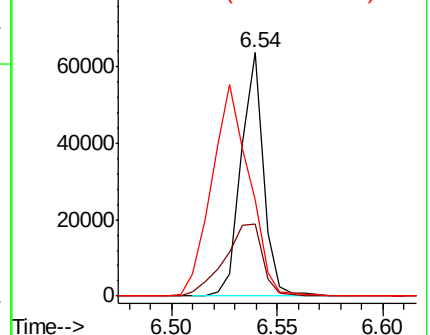
66 39.6 43.3 83.3#

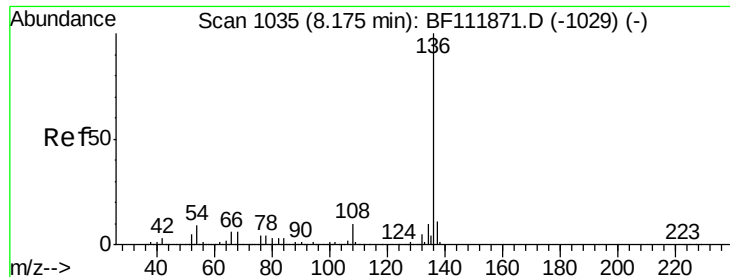


Abundance Ion 94.00 (93.70 to 94.70): BF1

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. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

BASIN-4

Tot Ion:136 Resp: 471283

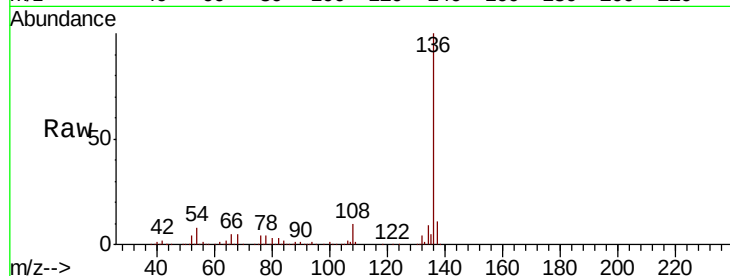
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.9 7.2 10.8

68 4.7 4.4 6.6

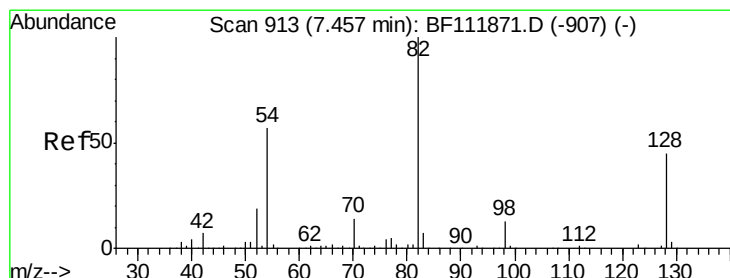
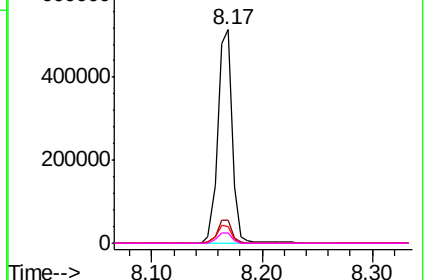
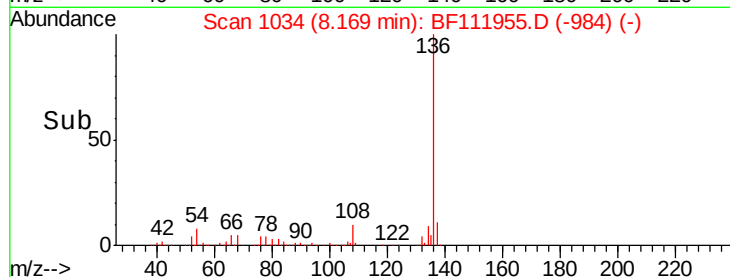


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.325 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

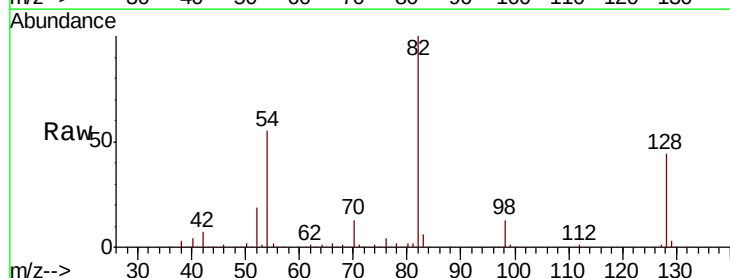
Tgt Ion: 82 Resp: 628948

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

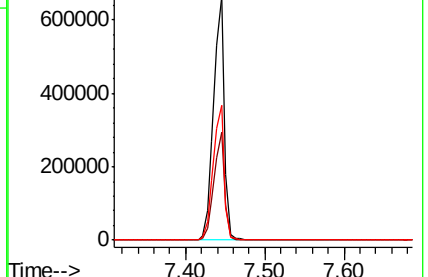
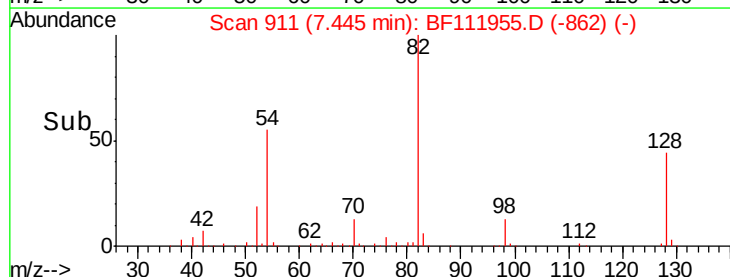
54 55.5 45.8 68.8

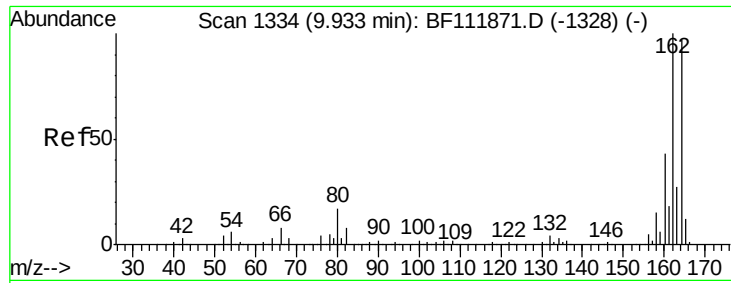


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

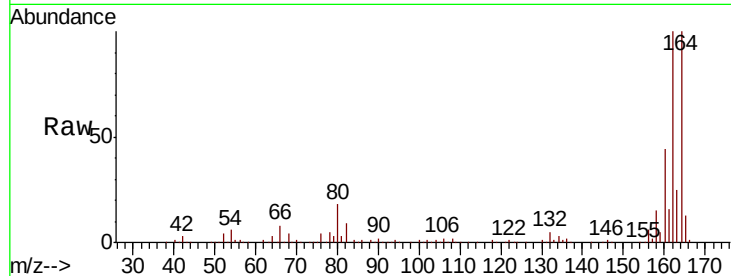




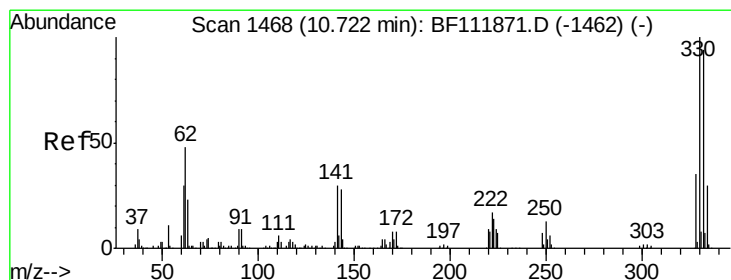
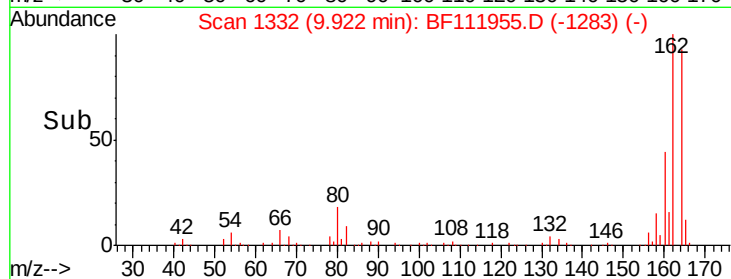
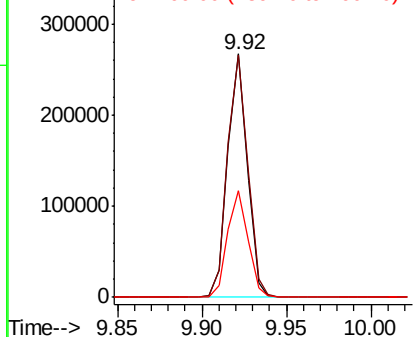
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
BASIN-4

Tot Ion:164 Resp: 217081
Ion Ratio Lower Upper
164 100
162 99.7 82.2 123.2
160 43.6 35.5 53.3

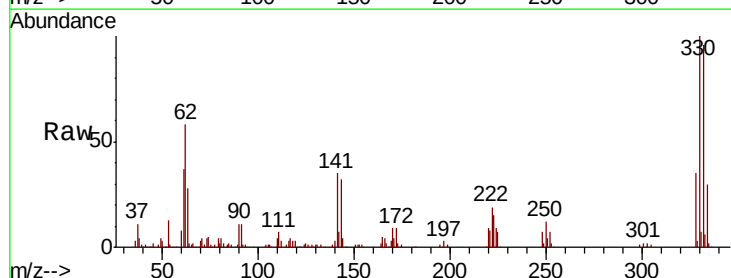


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

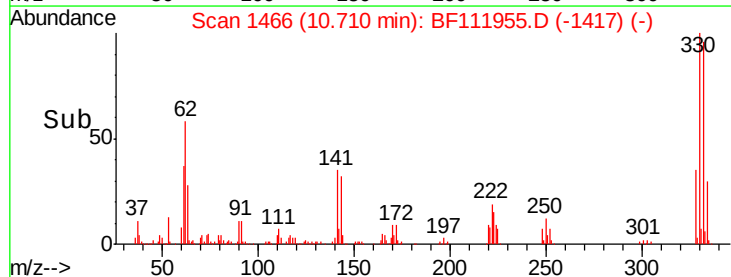
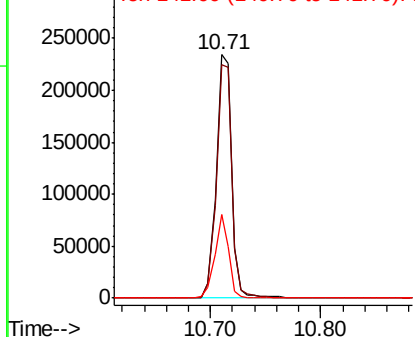


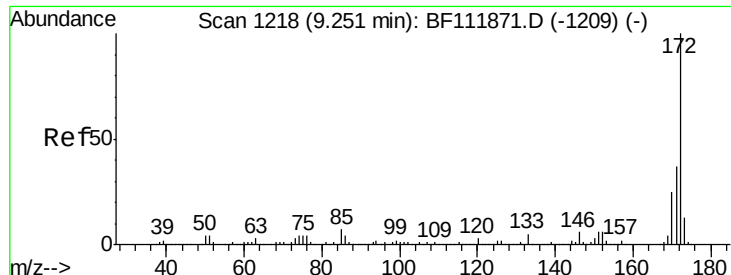
#42
2,4,6-Tribromophenol
Concen: 80.421 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion:330 Resp: 227074
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 30.3 23.7 35.5



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

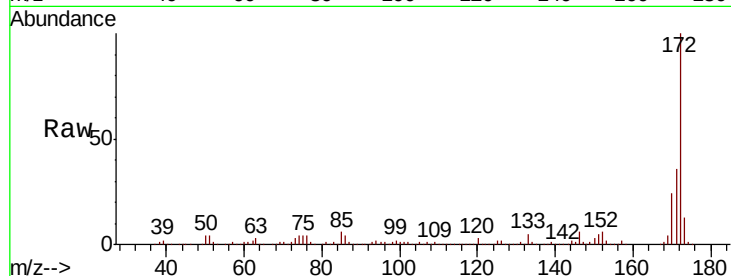




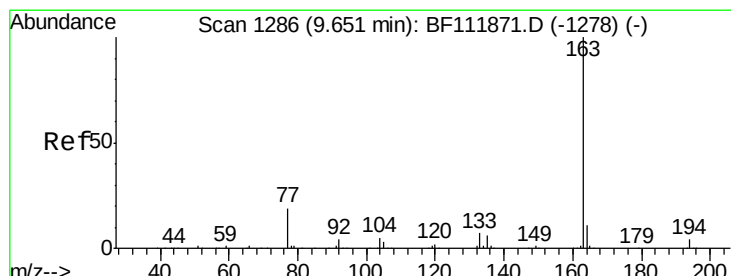
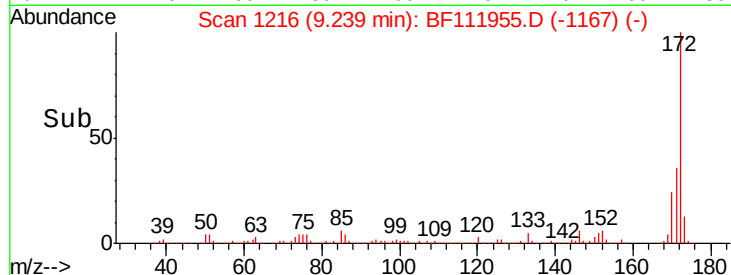
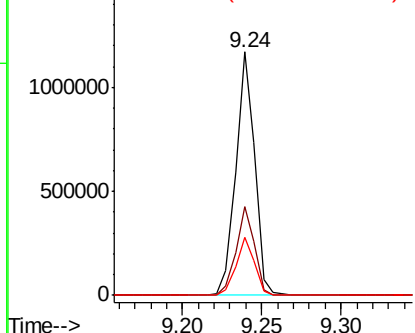
#45
2-Fluorobiphenyl
Concen: 64.913 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Instrument :
BNA_F
ClientSampleId :
BASIN-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.0	19.8	29.8

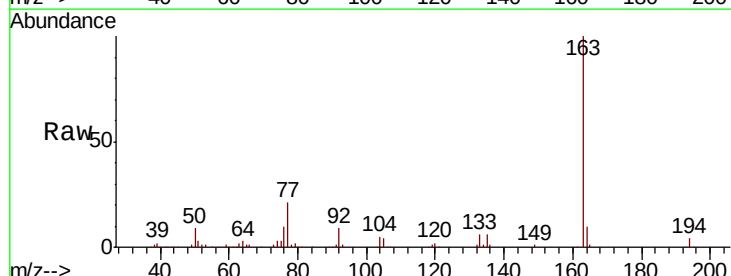


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

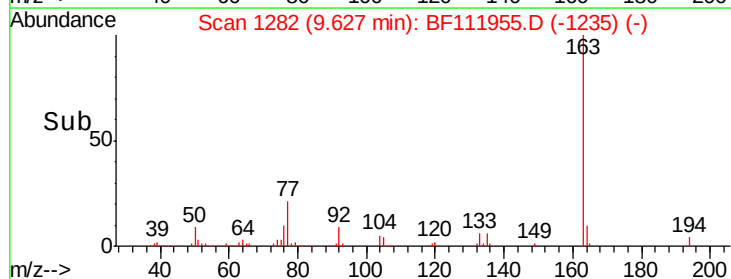
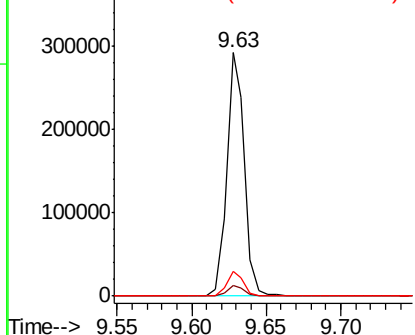


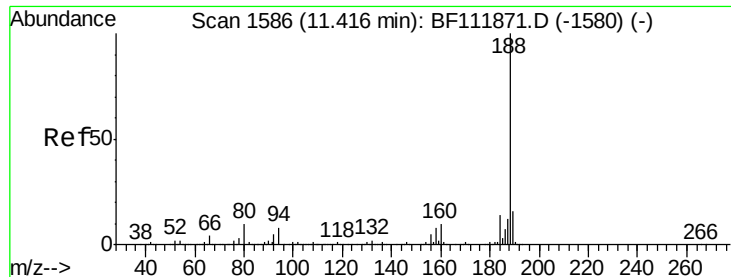
#50
Dimethylphthalate
Concen: 14.911 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	8.5	12.7



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

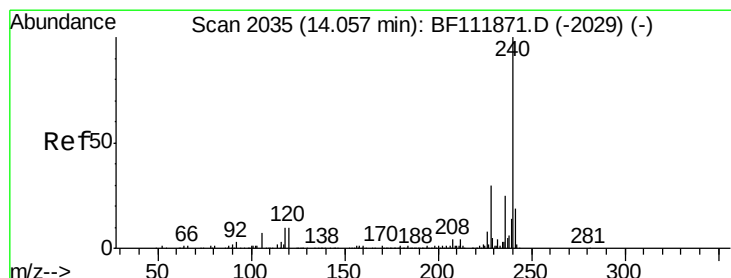
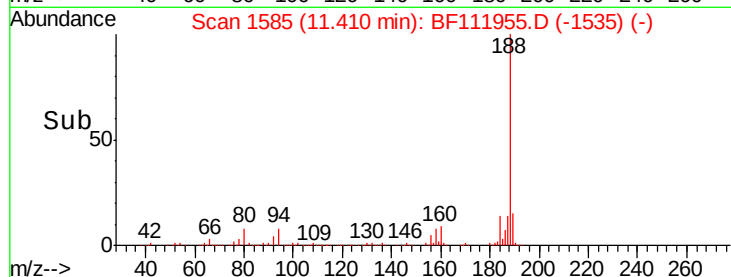
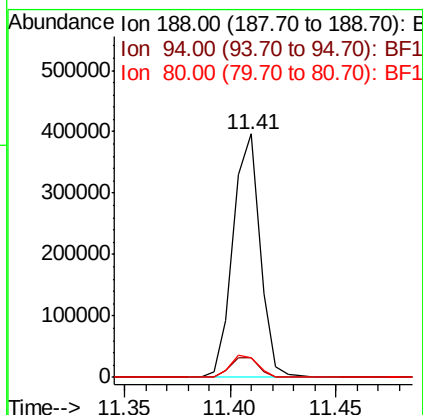
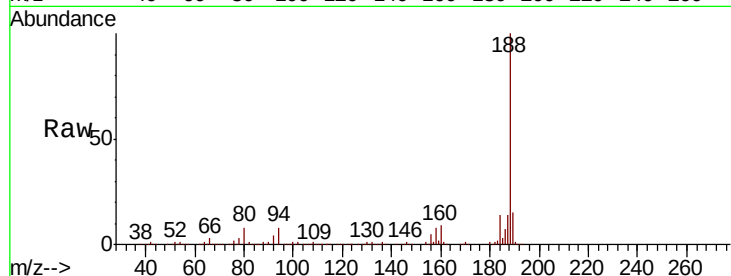




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

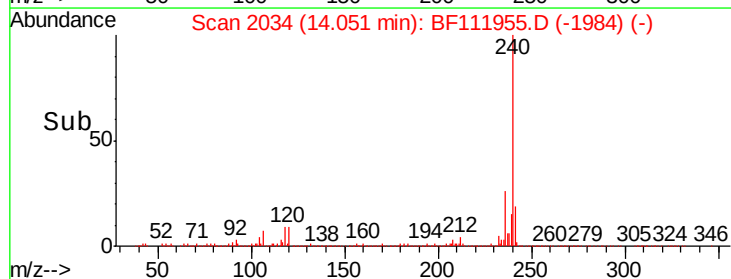
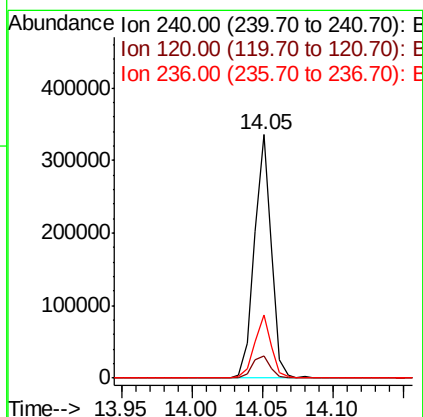
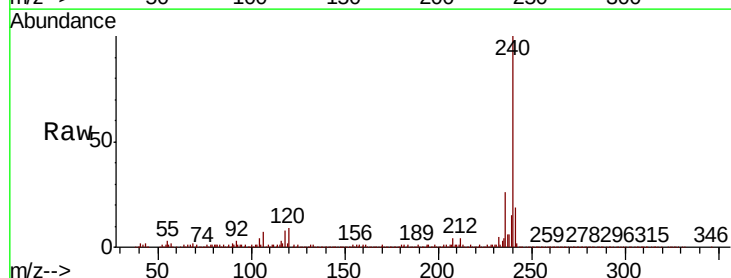
Instrument :
BNA_F
ClientSampled :
BASIN-4

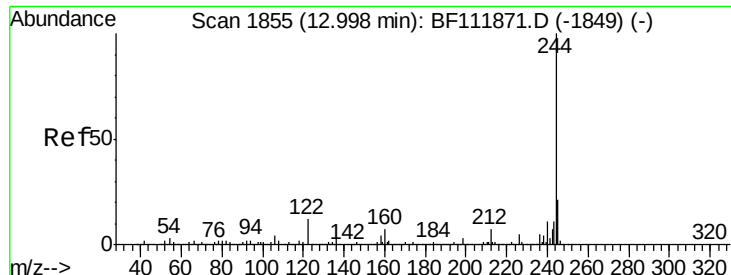
Tot Ion:188 Resp: 349474
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 8.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111955.D
Acq: 9 Jan 2019 17:53

Tgt Ion:240 Resp: 281101
Ion Ratio Lower Upper
240 100
120 9.2 8.2 12.2
236 26.1 20.2 30.4





#79

Terphenyl-d14

Concen: 48.745 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

Instrument :

BNA_F

ClientSampleId :

BASIN-4

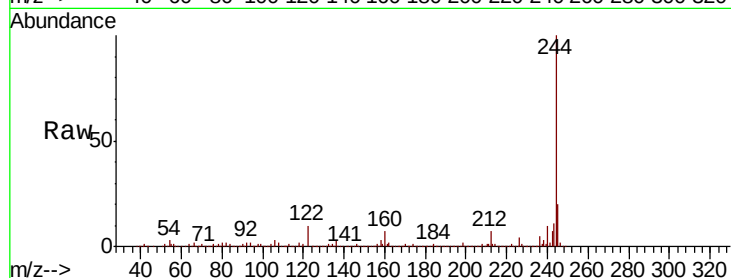
Tot Ion:244 Resp: 721850

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

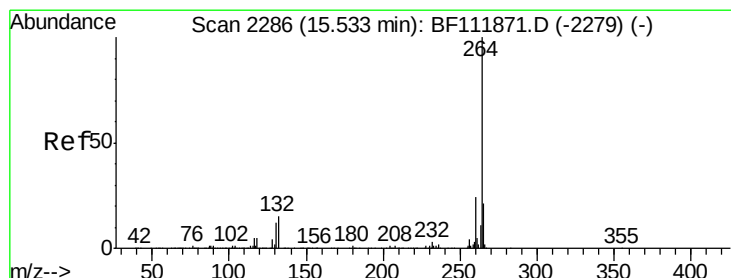
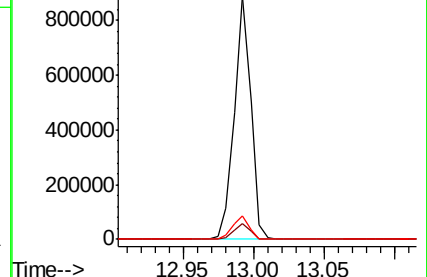
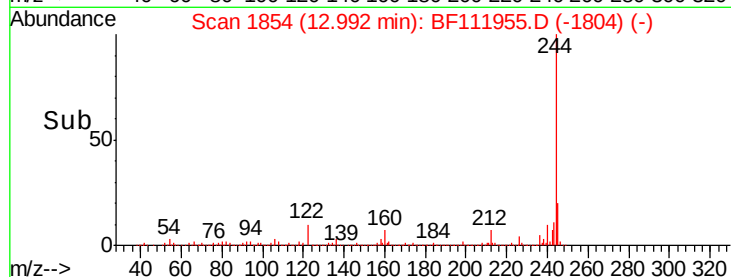
122 9.9 9.5 14.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111955.D

Acq: 9 Jan 2019 17:53

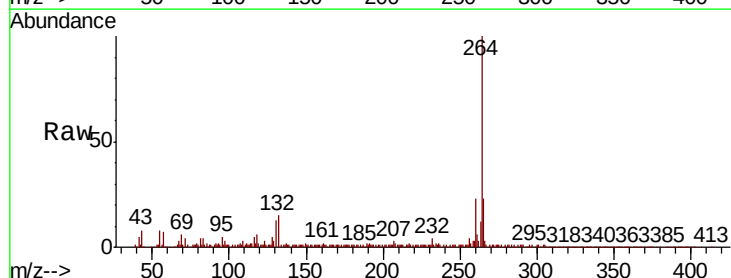
Tgt Ion:264 Resp: 198459

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.8 17.1 25.7



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

