

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112010.D
 Acq On : 11 Jan 2019 12:57
 Operator : JU/SJ
 Sample : K1124-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ER-SOIL

Quant Time: Jan 11 21:37:44 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

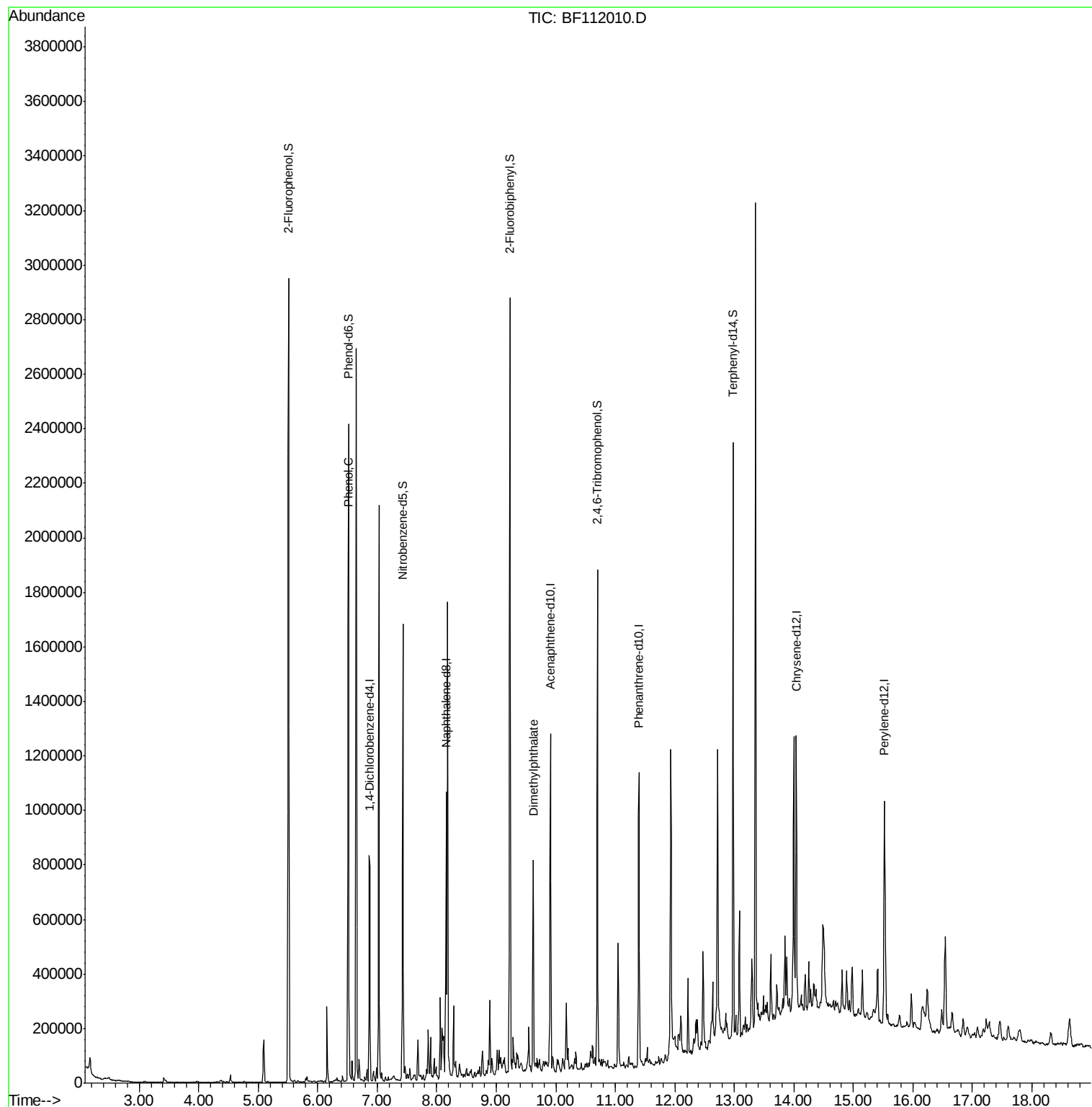
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123197	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	470445	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	227129	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	375610	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	300618	20.00	ng	-0.02
87) Perylene-d12	15.52	264	318738	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	772403	107.26	ng	-0.01
7) Phenol-d6	6.52	99	871902	93.94	ng	-0.02
23) Nitrobenzene-d5	7.43	82	548811	62.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	236452	80.04	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	813942	52.26	ng	-0.02
79) Terphenyl-d14	12.98	244	667702	42.16	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	20961	2.078	ng	86
50) Dimethylphthalate	9.62	163	310494	18.198	ng	99

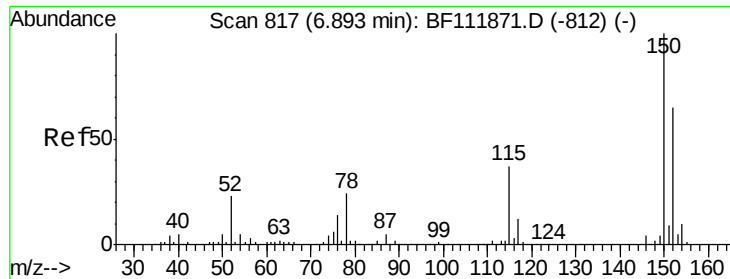
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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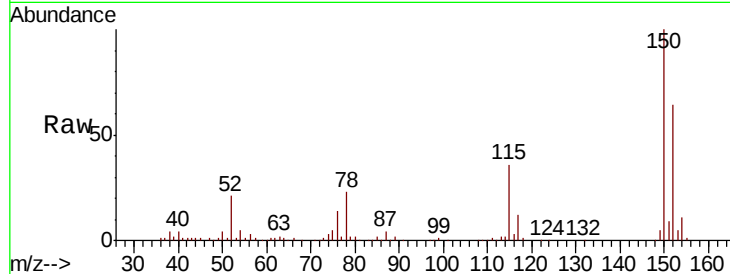


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampleId :
ER-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	55.9	45.2	67.8

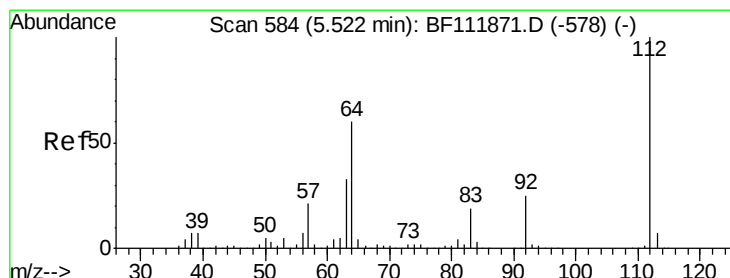
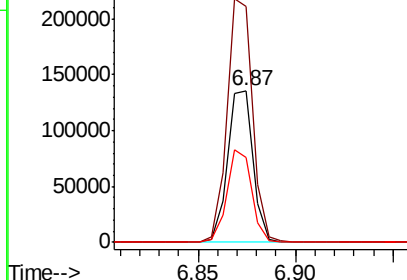
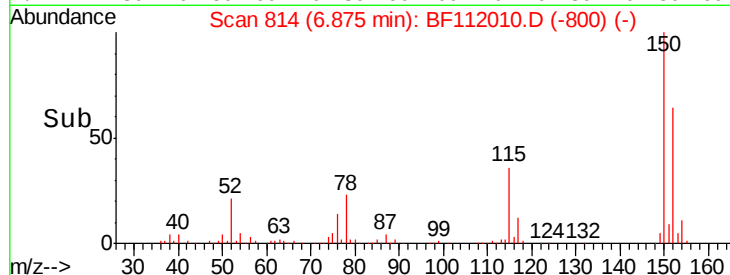


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

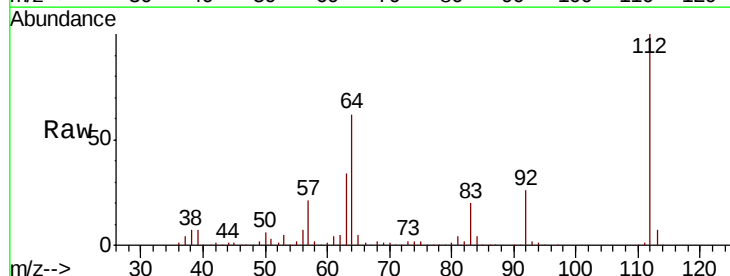
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.262 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	48.3	72.5
63	34.0	26.1	39.1

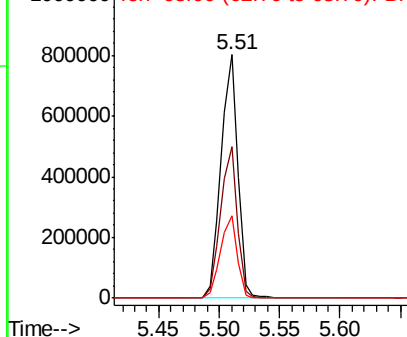
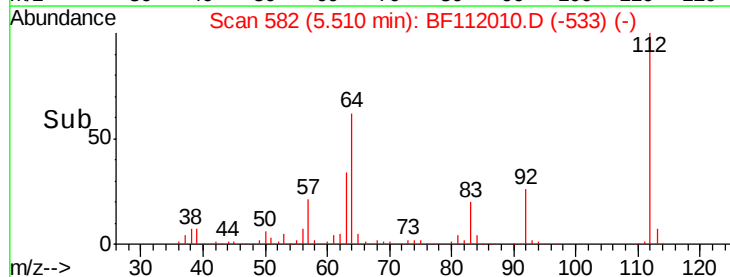


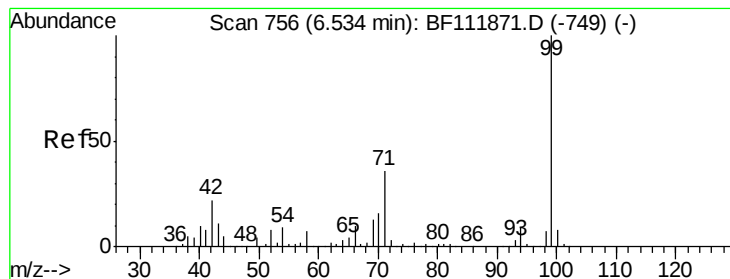
Abundance

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: 93.942 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampled :

ER-SOIL

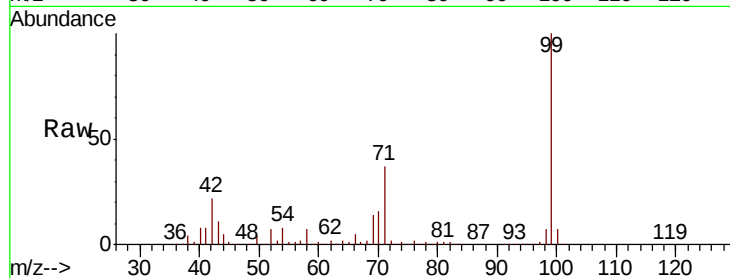
Tot Ion: 99 Resp: 871902

Ion Ratio Lower Upper

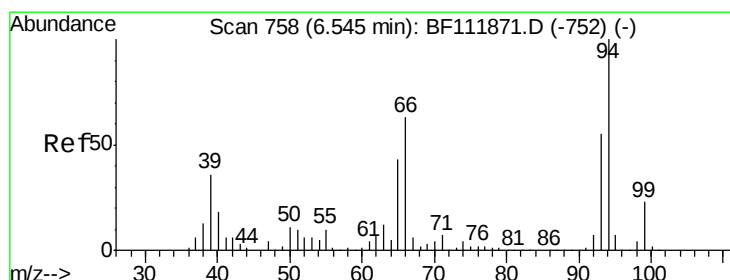
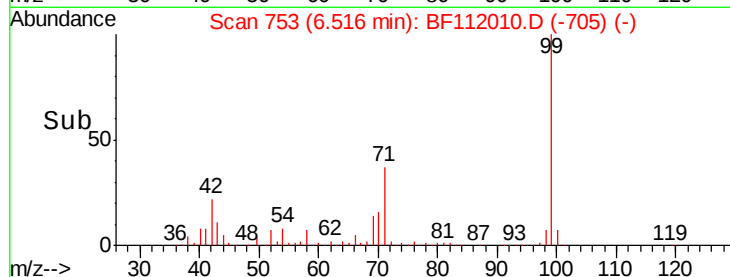
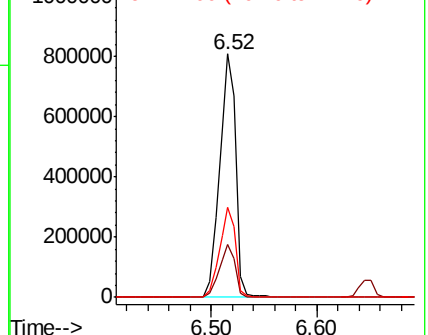
99 100

42 21.7 17.9 26.9

71 36.8 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: 2.078 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

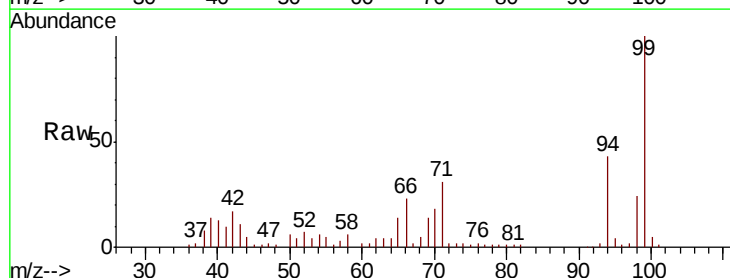
Tgt Ion: 94 Resp: 20961

Ion Ratio Lower Upper

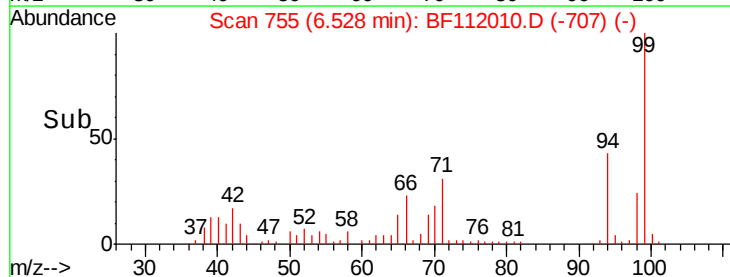
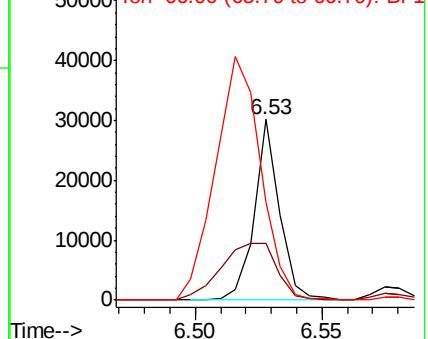
94 100

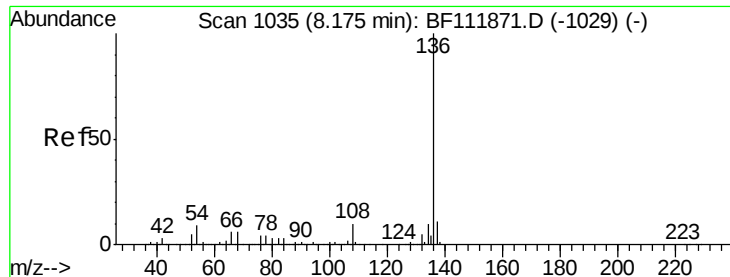
65 31.7 22.8 62.8

66 53.8 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: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampleId :

ER-SOIL

Tot Ion:136 Resp: 470445

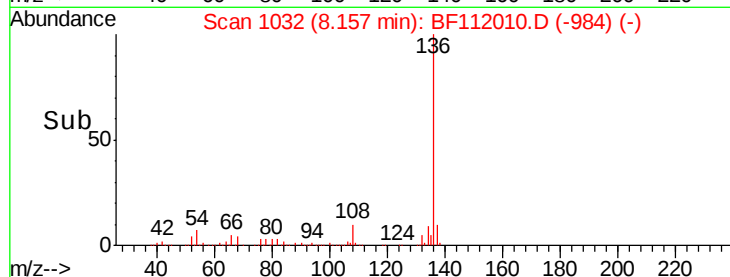
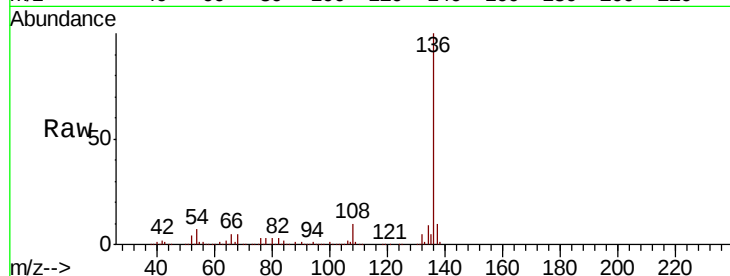
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.2 7.2 10.8

68 4.6 4.4 6.6

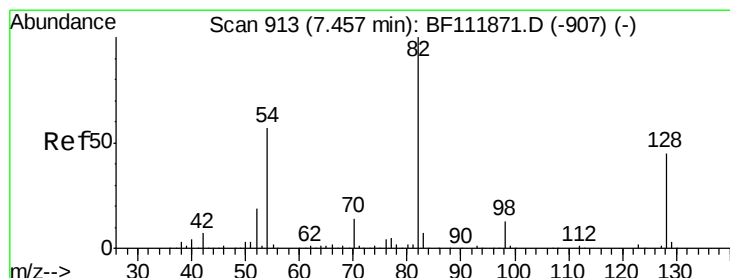
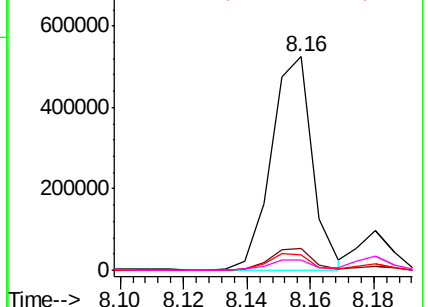


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.348 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

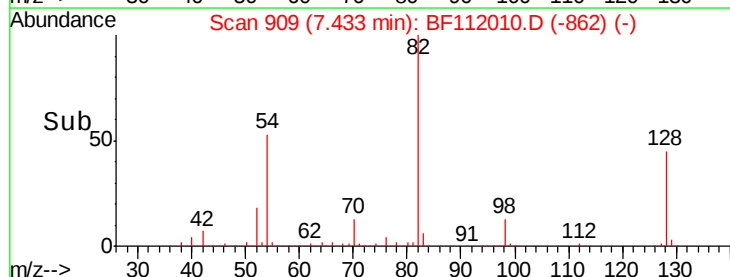
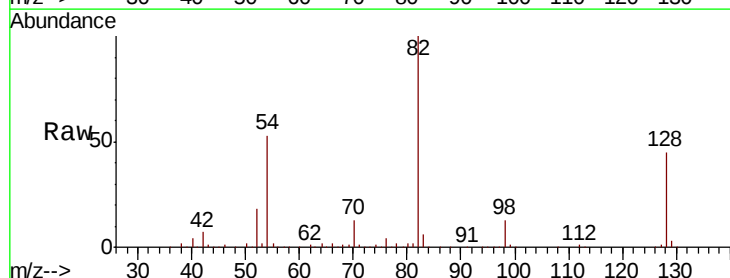
Tgt Ion: 82 Resp: 548811

Ion Ratio Lower Upper

82 100

128 44.8 35.7 53.5

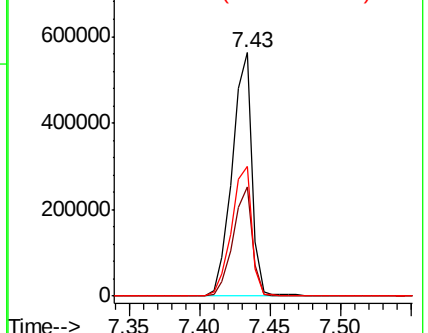
54 53.1 45.8 68.8

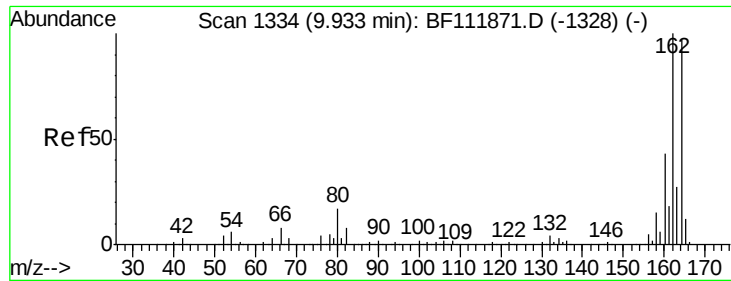


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

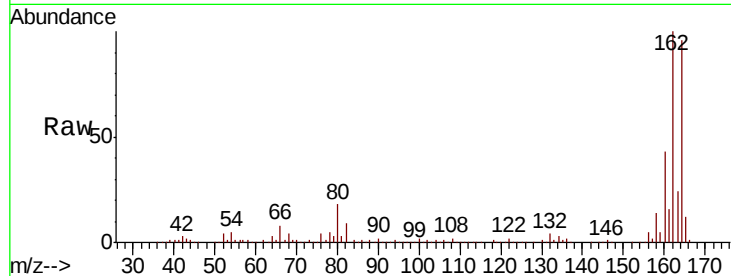




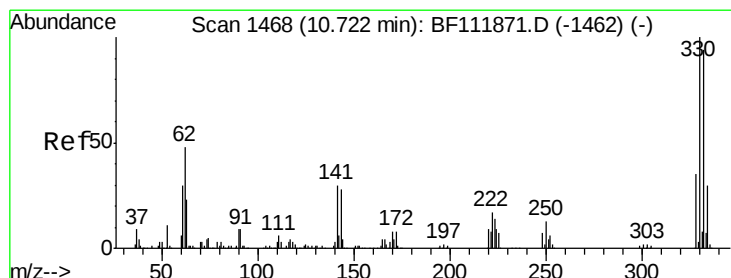
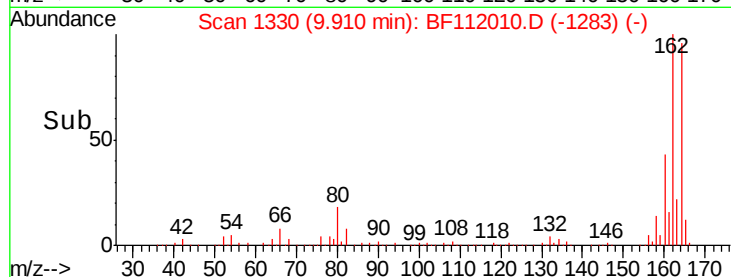
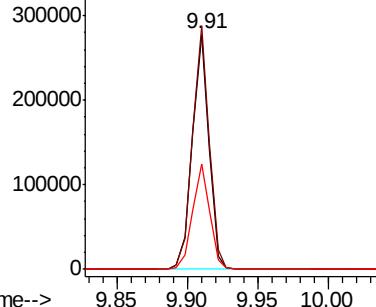
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampleId :
ER-SOIL

Tot Ion:164 Resp: 227129
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.2
160 44.8 35.5 53.3

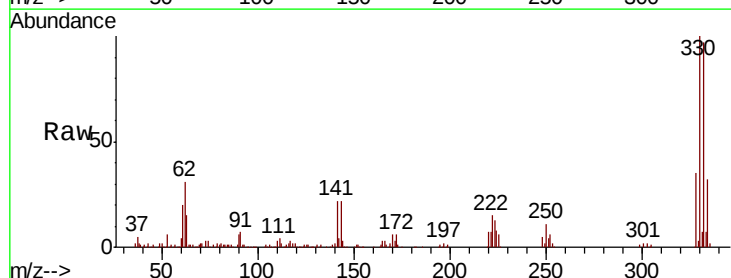


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

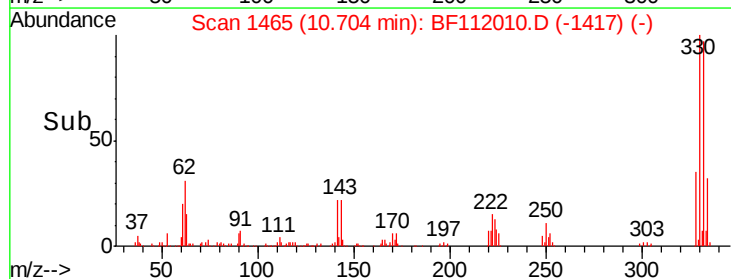
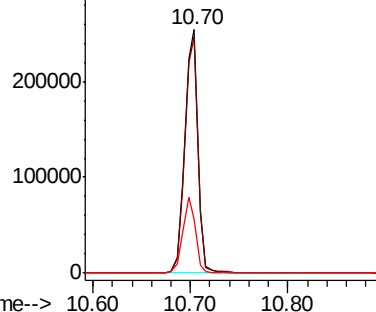


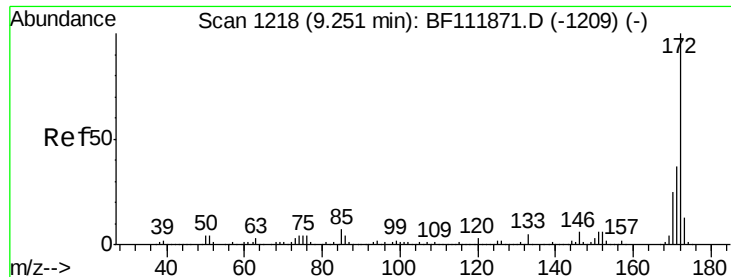
#42
2,4,6-Tribromophenol
Concen: 80.038 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion:330 Resp: 236452
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 30.2 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

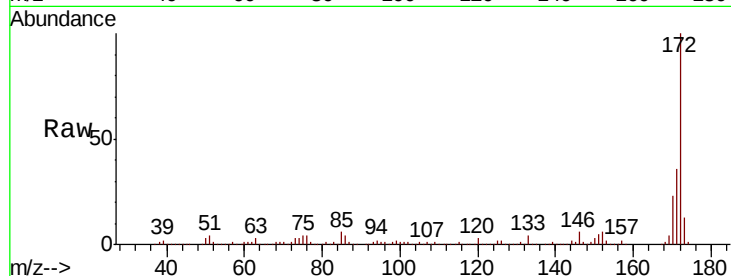




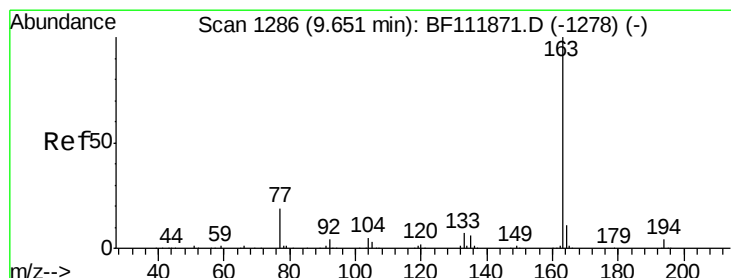
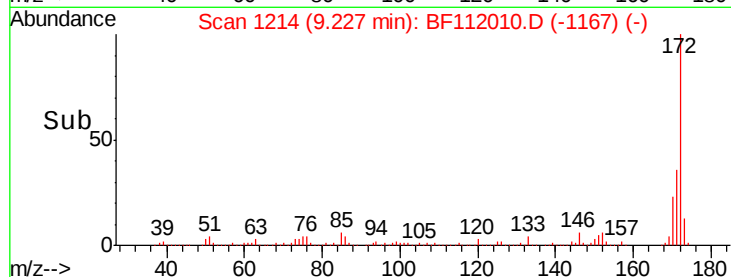
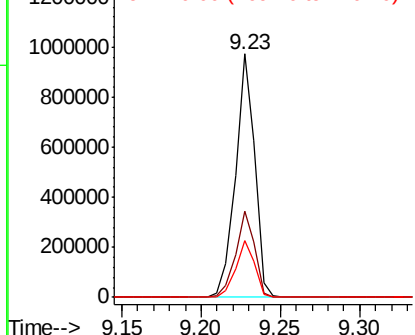
#45
2-Fluorobiphenyl
Concen: 52.256 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Instrument :
BNA_F
ClientSampleId :
ER-SOIL

Tot Ion:172 Resp: 813942
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.4 19.8 29.8

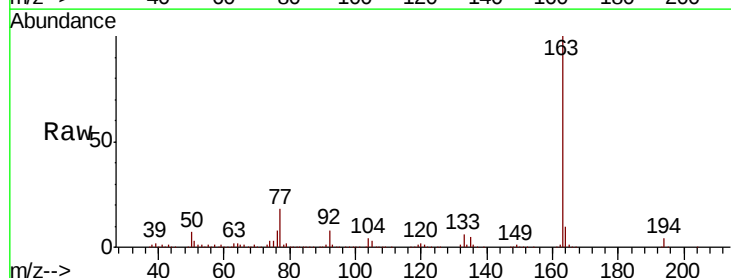


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

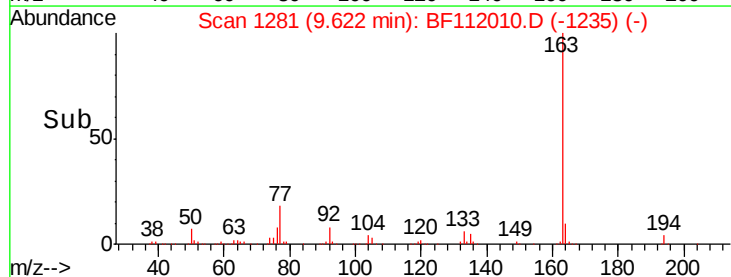
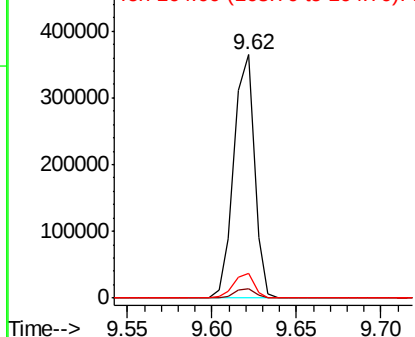


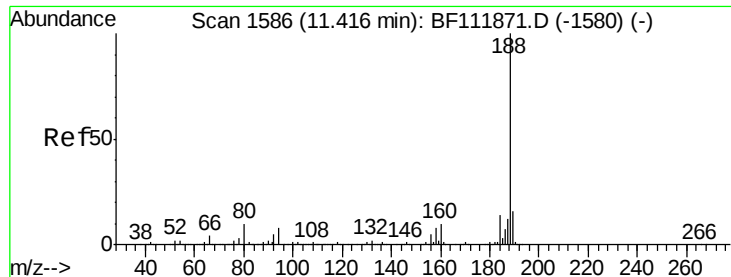
#50
Dimethylphthalate
Concen: 18.198 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF112010.D
Acq: 11 Jan 2019 12:57

Tgt Ion:163 Resp: 310494
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.0 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: 11.40 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampled :

ER-SOIL

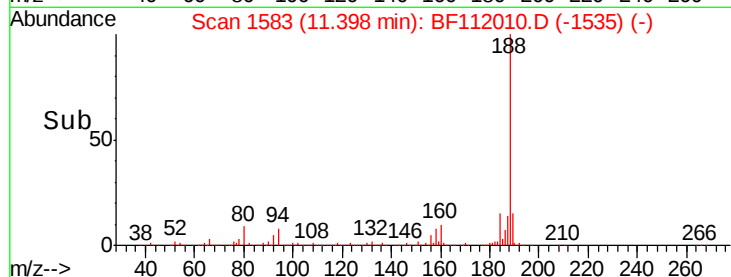
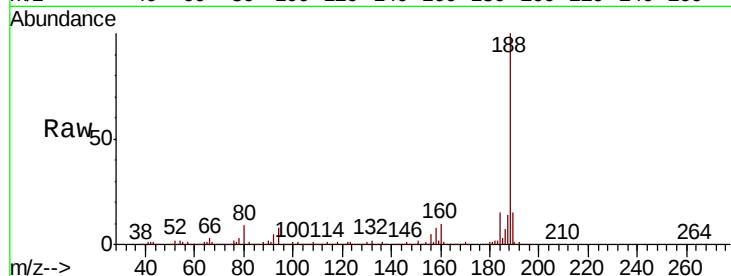
Tot Ion:188 Resp: 375610

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

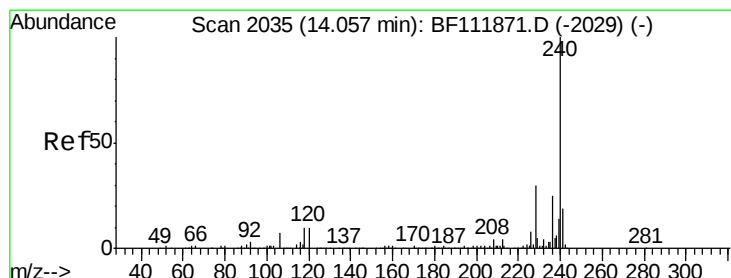
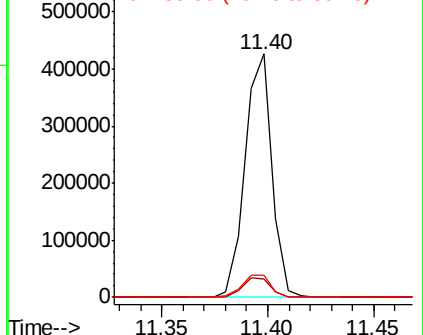
80 9.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

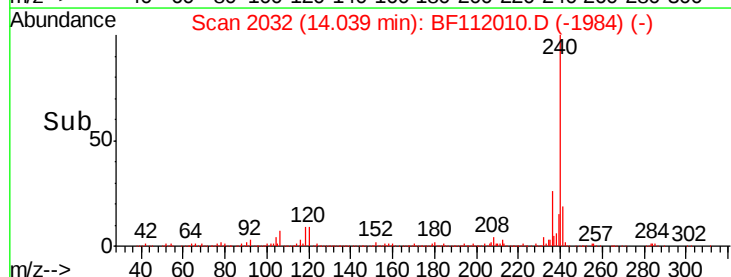
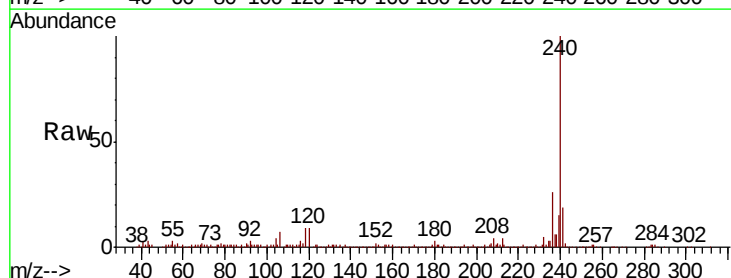
Tgt Ion:240 Resp: 300618

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

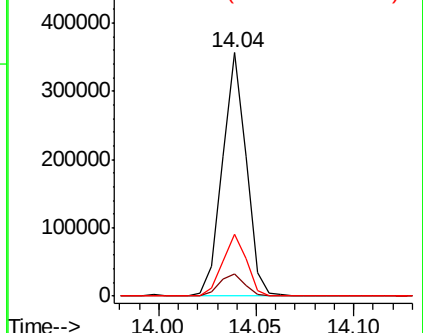
236 25.6 20.2 30.4

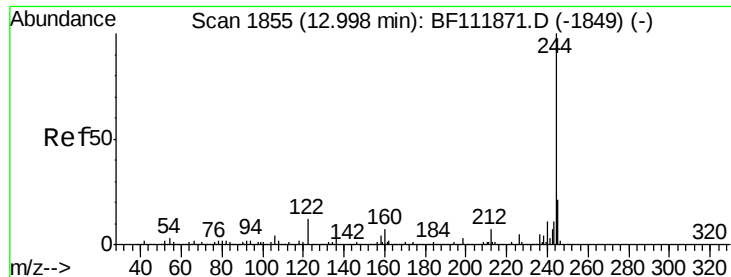


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 42.161 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

Instrument :

BNA_F

ClientSampleId :

ER-SOIL

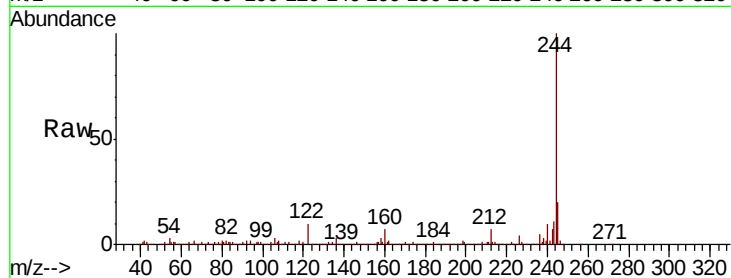
Tot Ion:244 Resp: 667702

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

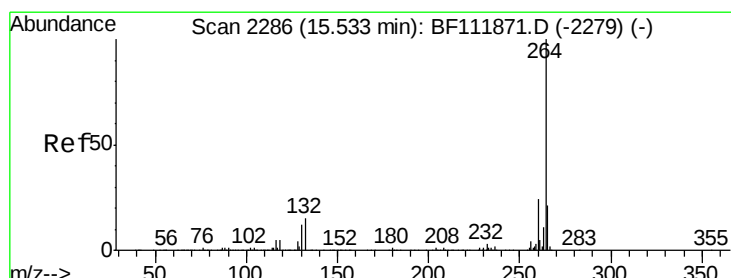
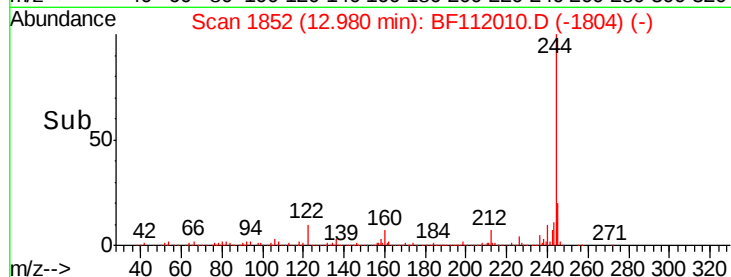
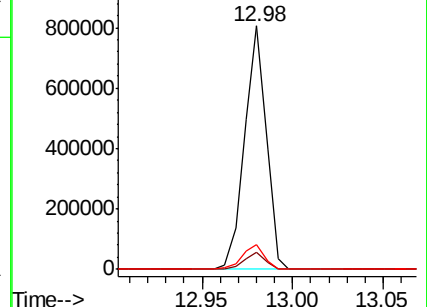
122 10.4 9.5 14.3



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF112010.D

Acq: 11 Jan 2019 12:57

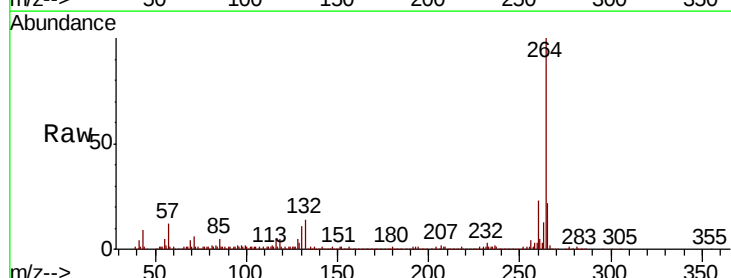
Tgt Ion:264 Resp: 318738

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.9 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

