

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109902.D
 Acq On : 16 Oct 2018 13:53
 Operator : JU/SJ
 Sample : J5524-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-SOIL-1

Quant Time: Oct 16 15:04:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

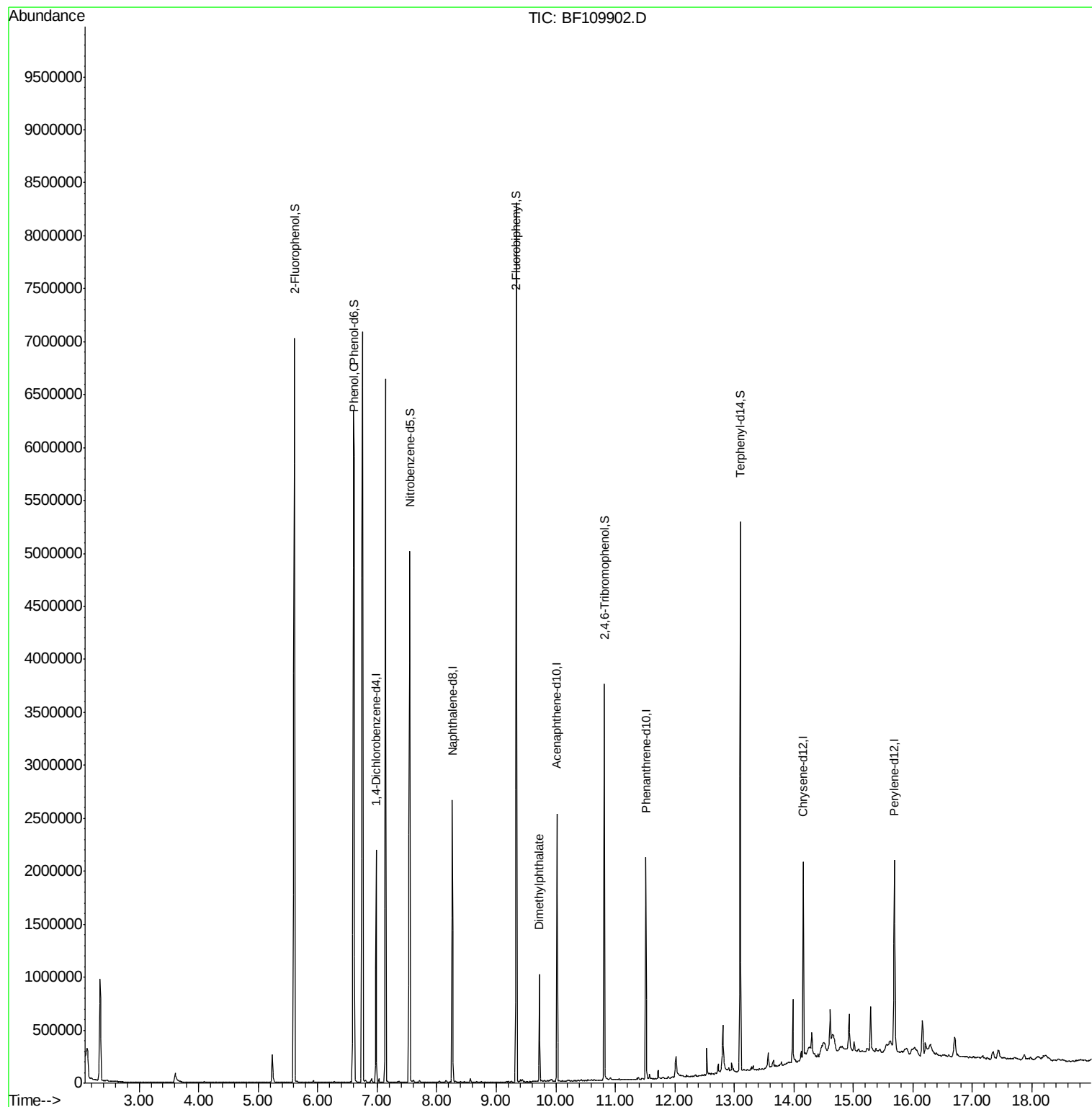
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	287928	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1104718	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	478712	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	715417	20.00	ng	0.00
76) Chrysene-d12	14.16	240	619679	20.00	ng	0.00
87) Perylene-d12	15.69	264	677282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2170456	119.49	ng	0.01
7) Phenol-d6	6.60	99	2739616	121.46	ng	0.00
23) Nitrobenzene-d5	7.55	82	1724788	105.17	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	436332	105.28	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	2607658	86.92	ng	0.00
79) Terphenyl-d14	13.10	244	1867655	63.29	ng	0.00
Target Compounds						
10) Phenol	6.62	94	148177	6.085	ng	Qvalue # 62
50) Dimethylphthalate	9.73	163	363732	10.730	ng	99

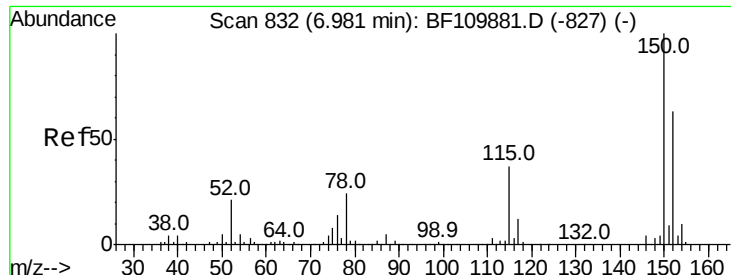
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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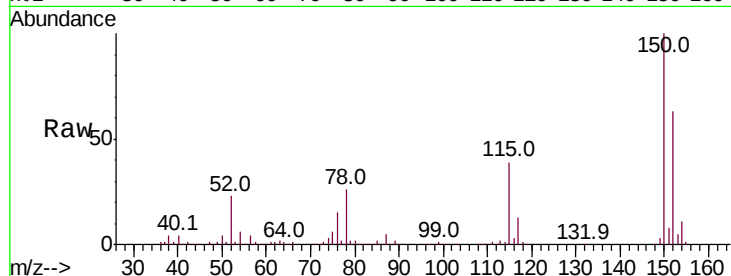


#1

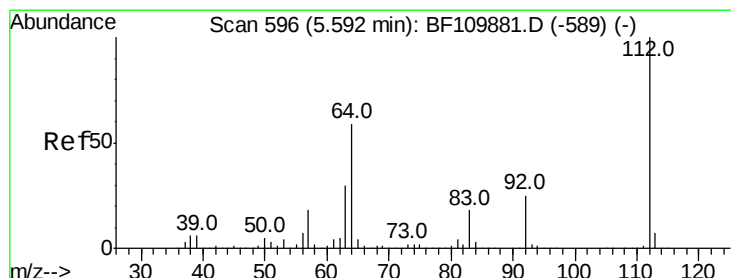
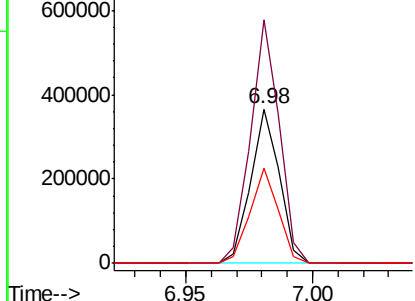
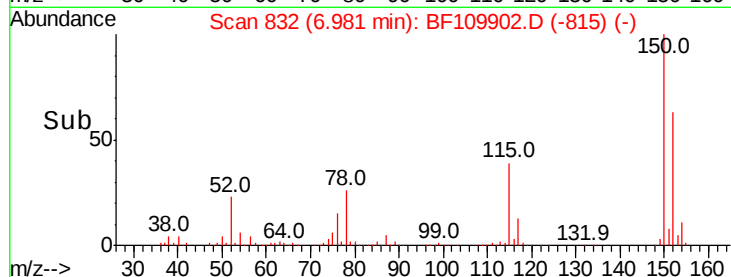
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :
BS-SOIL-1

Tot Ion:152 Resp: 287928
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 61.6 49.1 73.7



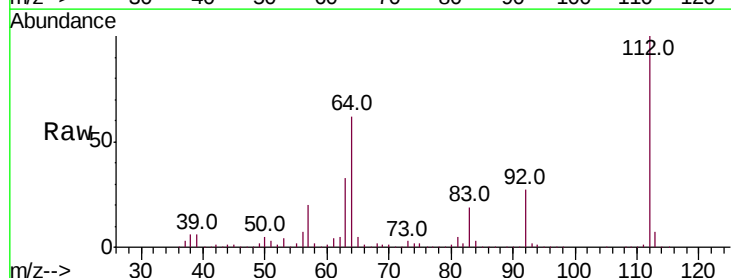
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



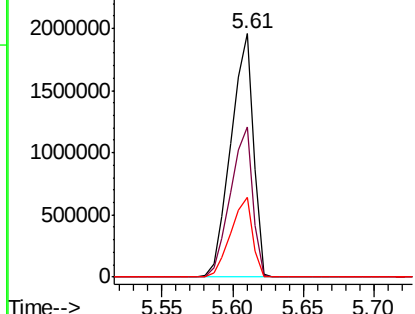
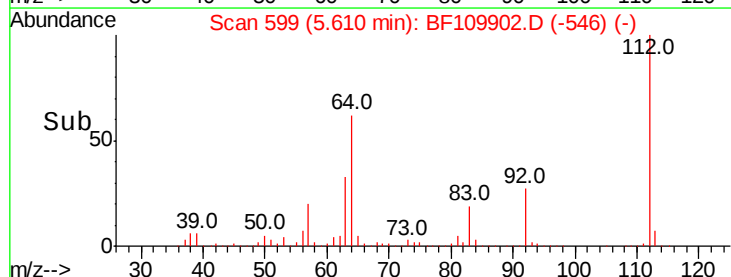
#5

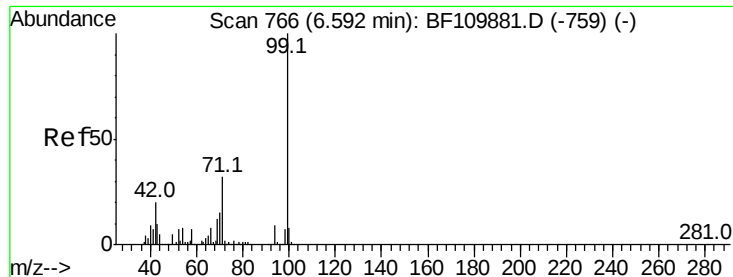
2-Fluorophenol
Concen: 119.490 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion:112 Resp: 2170456
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 32.6 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: 121.463 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

BNA_F

ClientSampled :

BS-SOIL-1

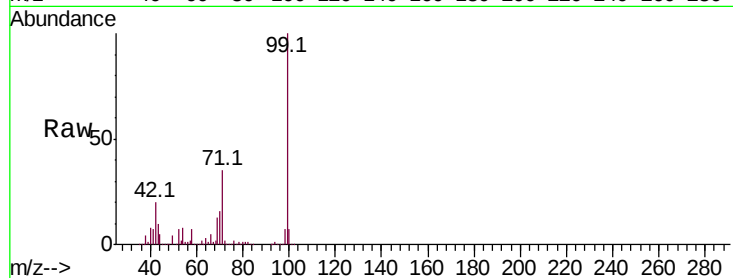
Tot Ion: 99 Resp: 2739616

Ion Ratio Lower Upper

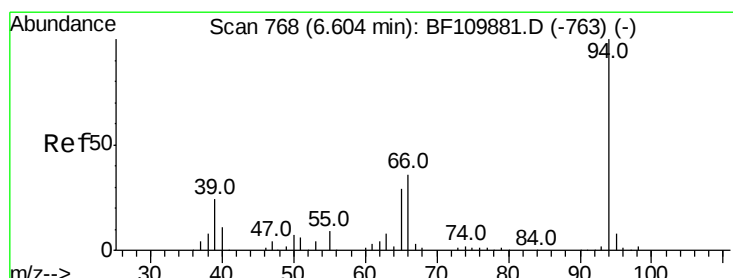
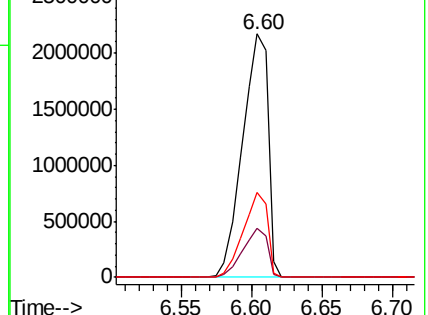
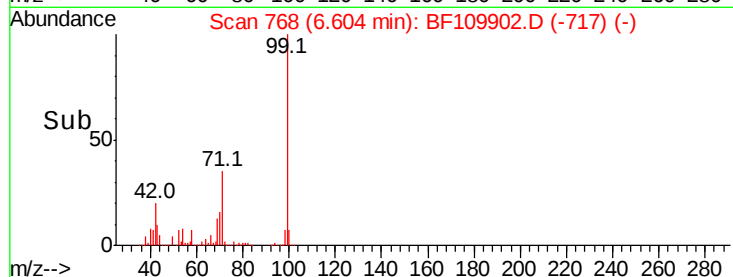
99 100

42 20.4 15.8 23.6

71 34.6 28.0 42.0



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: 6.085 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

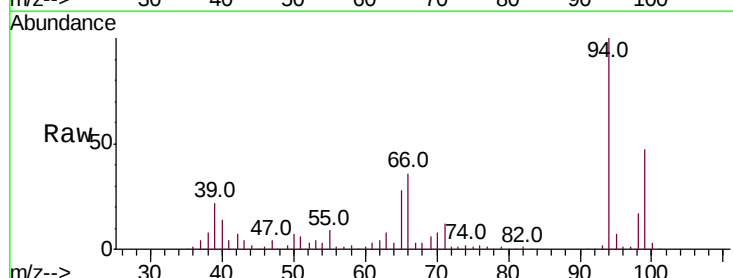
Tgt Ion: 94 Resp: 148177

Ion Ratio Lower Upper

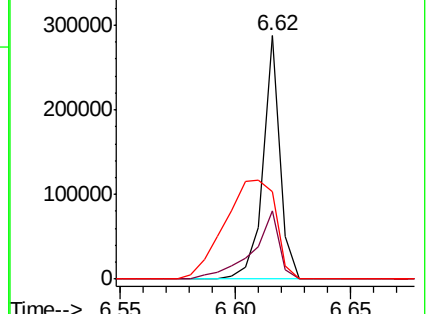
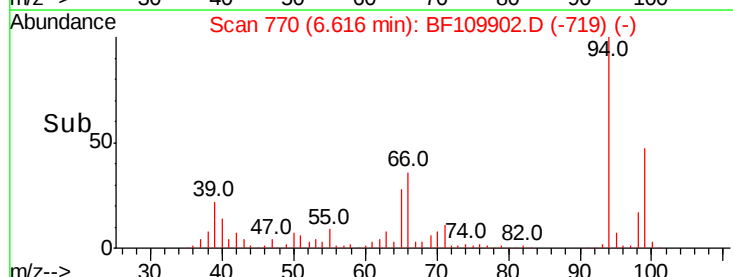
94 100

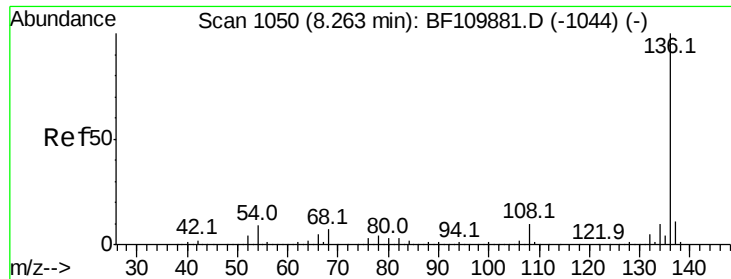
65 27.9 25.3 65.3

66 35.9 54.5 94.5#



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

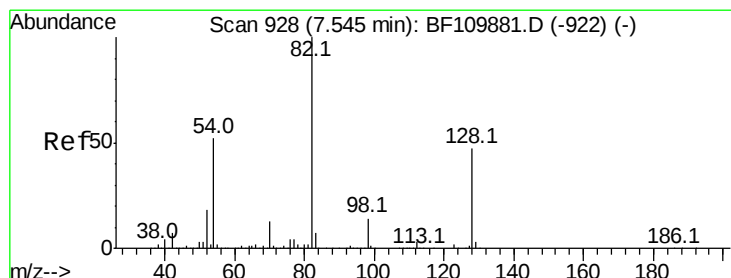
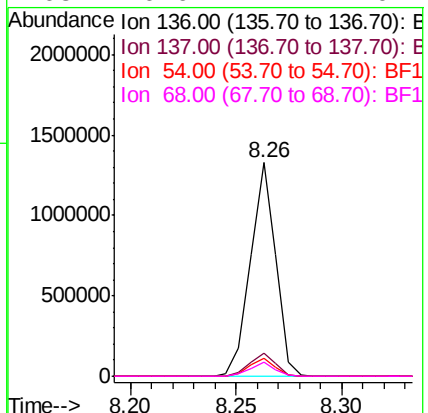
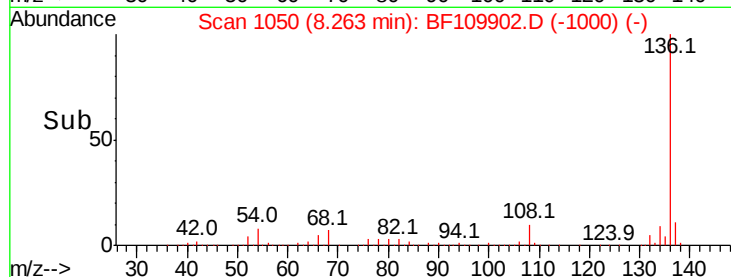
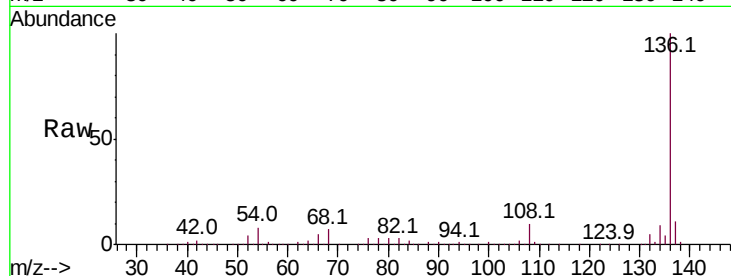




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

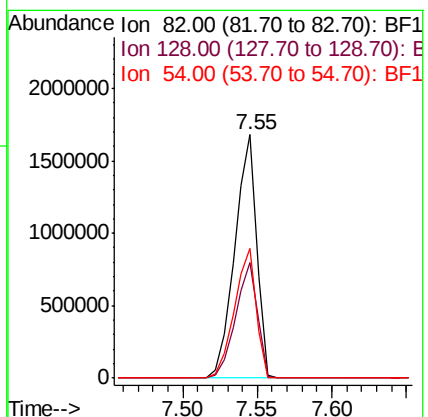
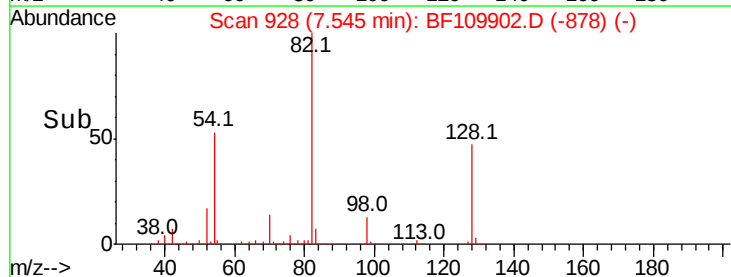
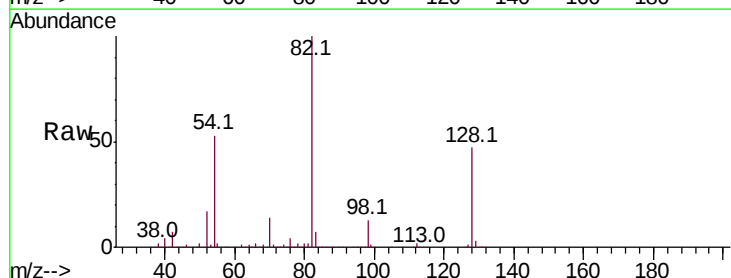
Instrument :
BNA_F
ClientSampleId :
BS-SOIL-1

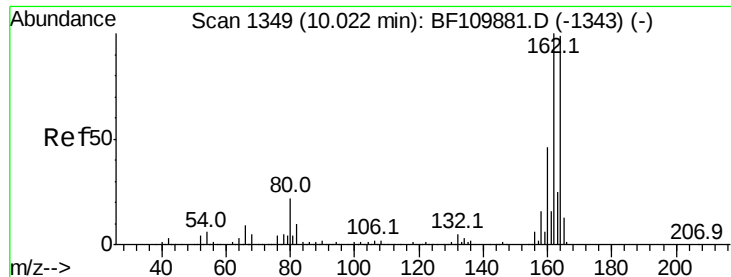
Tot Ion:136 Resp: 1104718
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.4 8.2#
68 6.6 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 105.175 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion: 82 Resp: 1724788
Ion Ratio Lower Upper
82 100
128 47.5 34.2 51.2
54 53.1 38.6 58.0

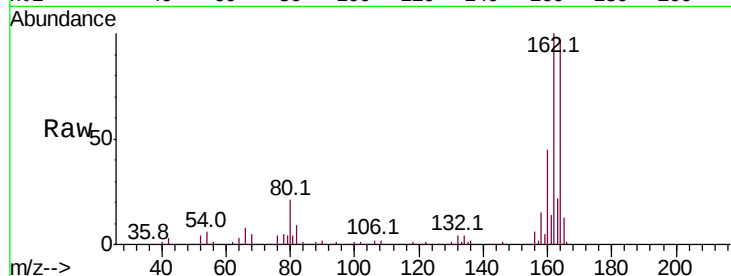




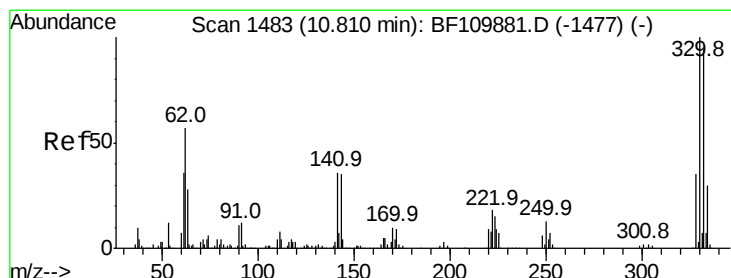
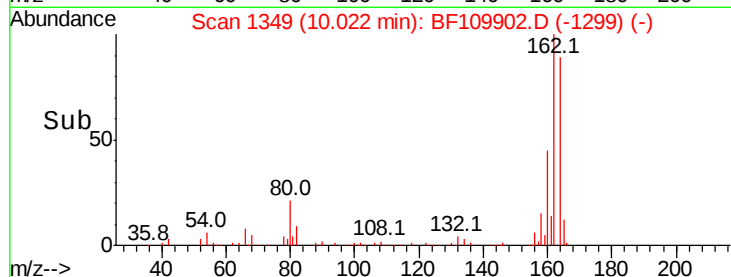
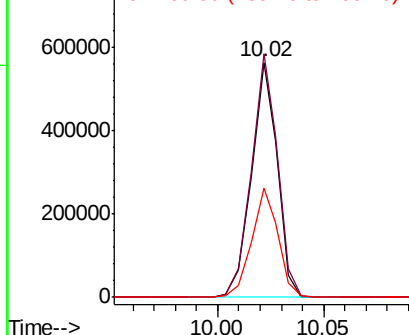
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :
BS-SOIL-1

Tot Ion:164 Resp: 478712
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.4 37.0 55.6

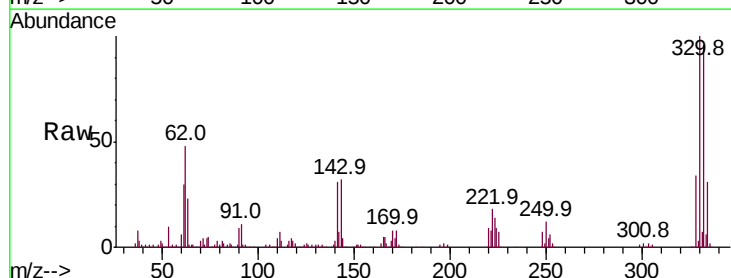


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

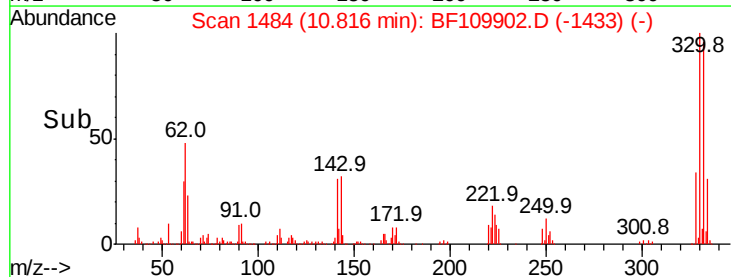
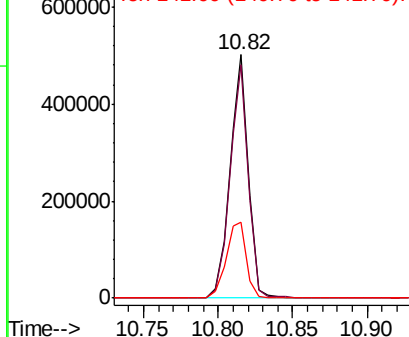


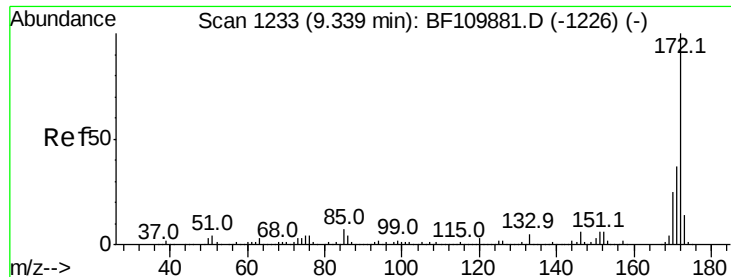
#42
2,4,6-Tribromophenol
Concen: 105.278 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion:330 Resp: 436332
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.7 27.0 40.4



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

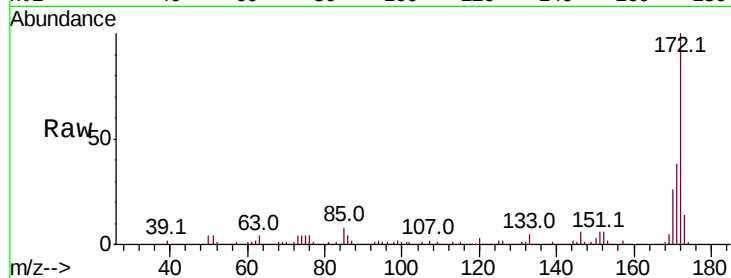




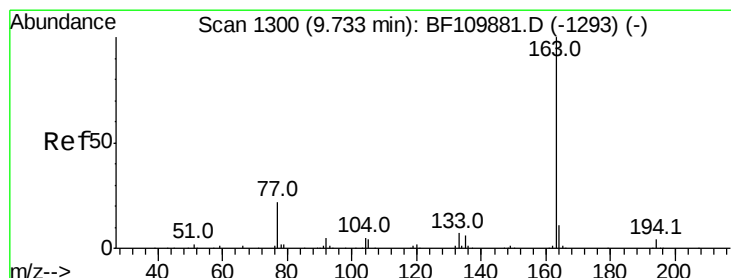
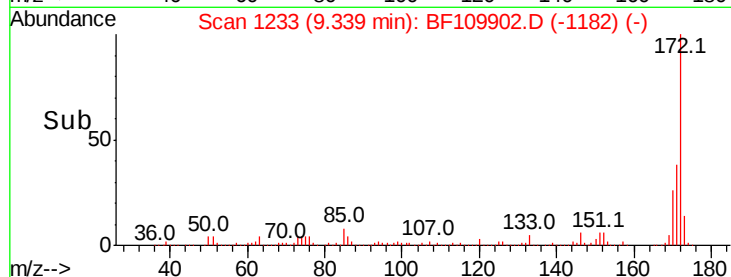
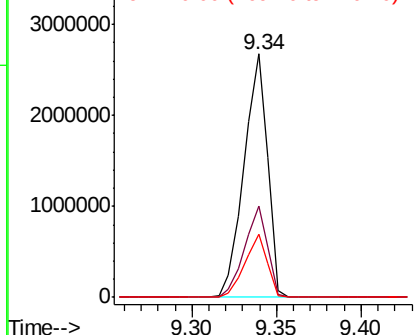
#45
2-Fluorobiphenyl
Concen: 86.919 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Instrument :
BNA_F
ClientSampleId :
BS-SOIL-1

Tot Ion:172 Resp: 2607658
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 25.7 19.7 29.5

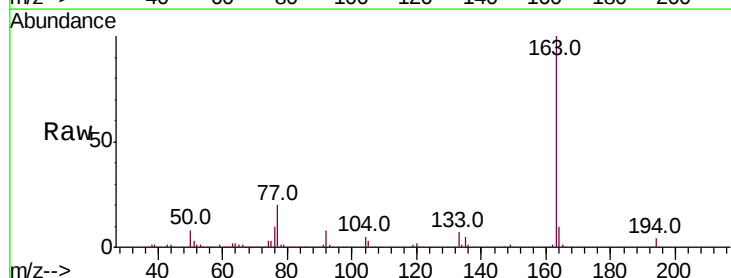


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

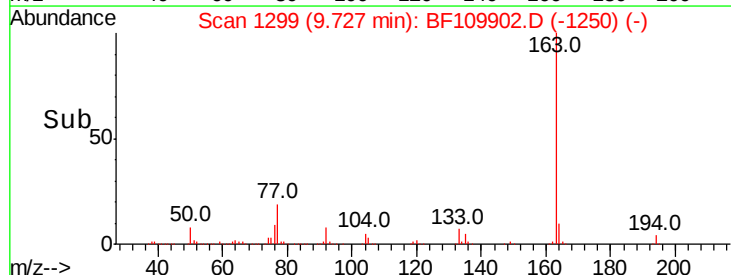
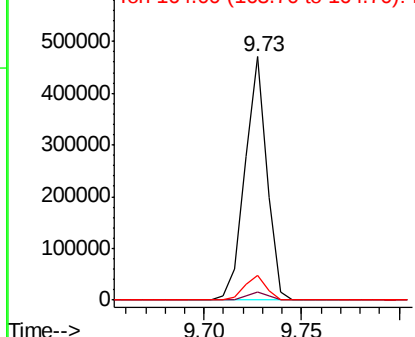


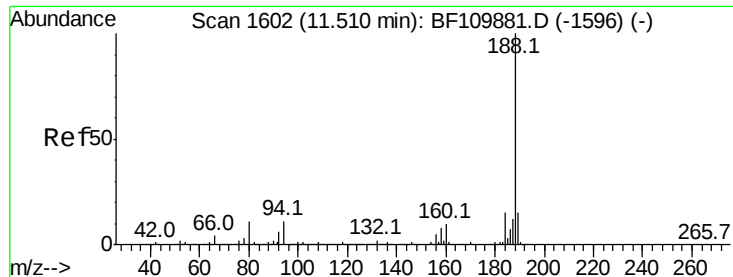
#50
Dimethylphthalate
Concen: 10.730 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion:163 Resp: 363732
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.1 8.1 12.1



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

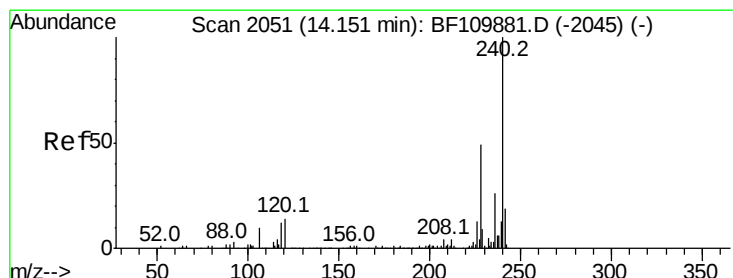
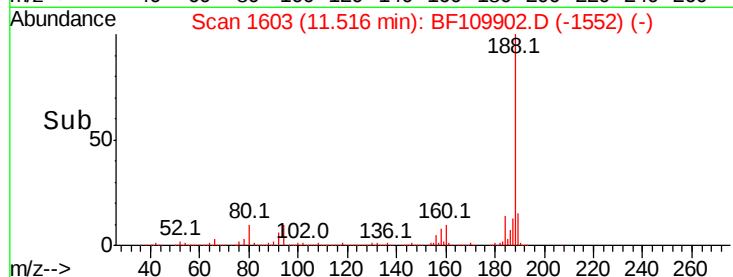
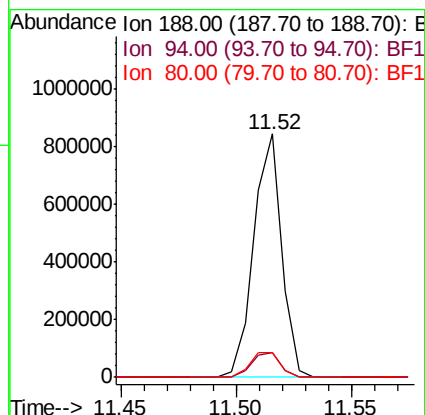
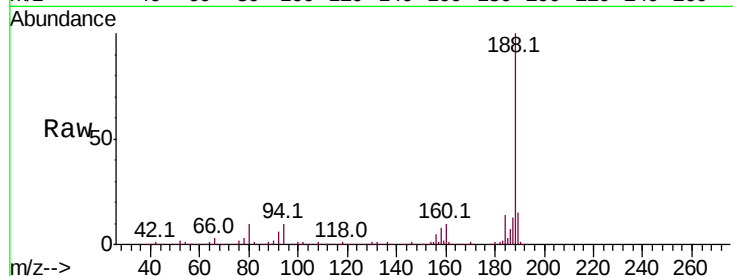




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

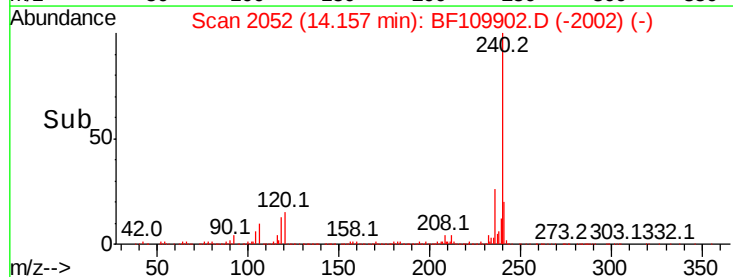
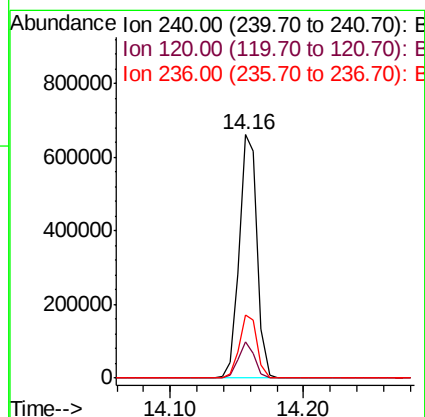
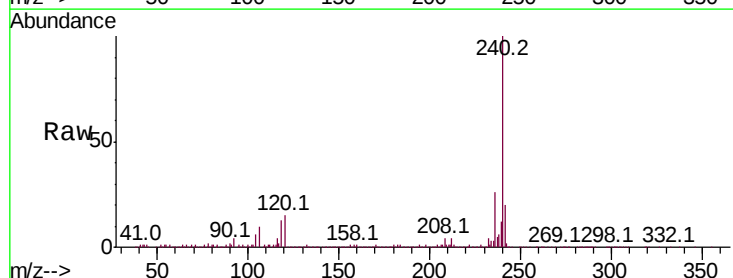
Instrument :
BNA_F
ClientSampled :
BS-SOIL-1

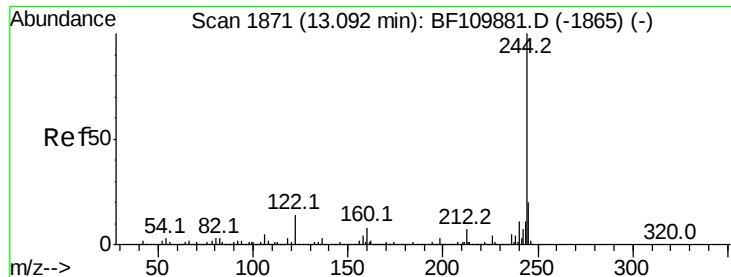
Tot Ion:188 Resp: 715417
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109902.D
Acq: 16 Oct 2018 13:53

Tgt Ion:240 Resp: 619679
Ion Ratio Lower Upper
240 100
120 14.9 8.3 12.5#
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 63.290 ng

RT: 13.10 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Instrument :

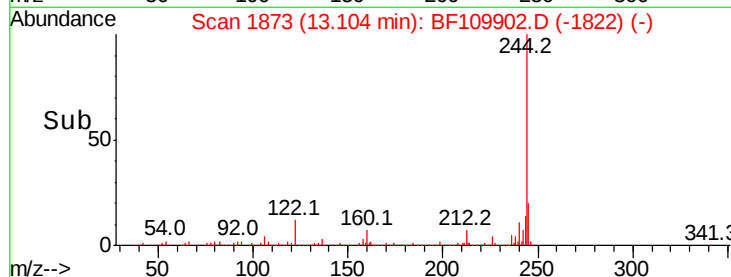
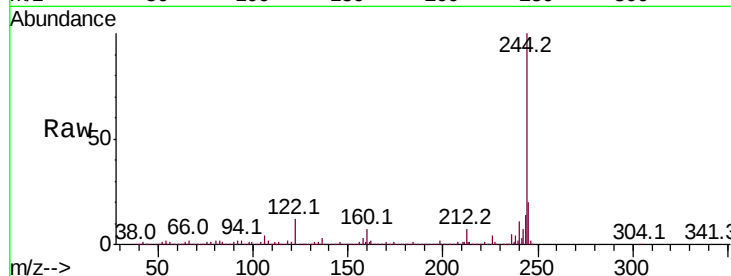
BNA_F

ClientSampleId :

BS-SOIL-1

Tot Ion:244 Resp: 1867655

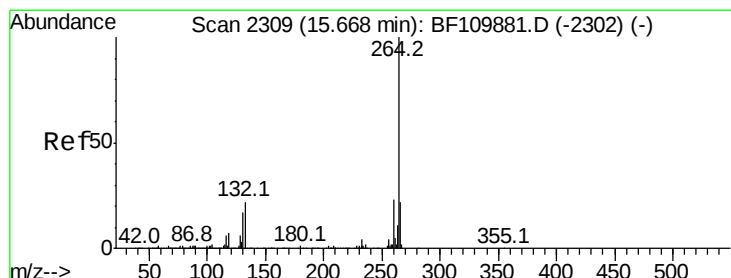
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1



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: 15.69 min Scan# 2313

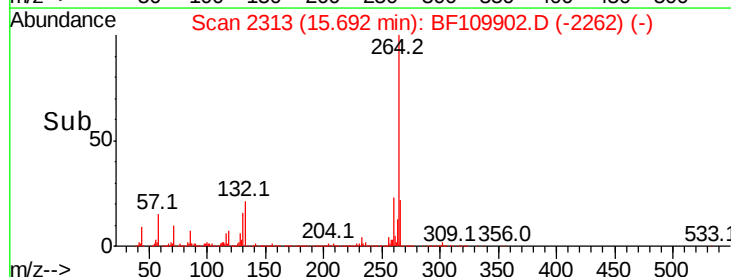
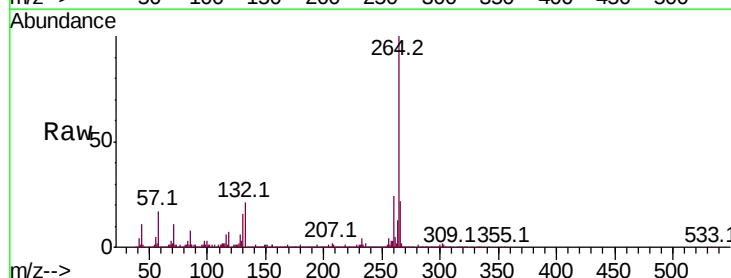
Delta R.T. -0.00 min

Lab File: BF109902.D

Acq: 16 Oct 2018 13:53

Tgt Ion:264 Resp: 677282

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.7	16.7	25.1



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