

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107811.D
 Acq On : 30 Jul 2018 20:20
 Operator : JU/SJ
 Sample : J4217-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Jul 31 03:13:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

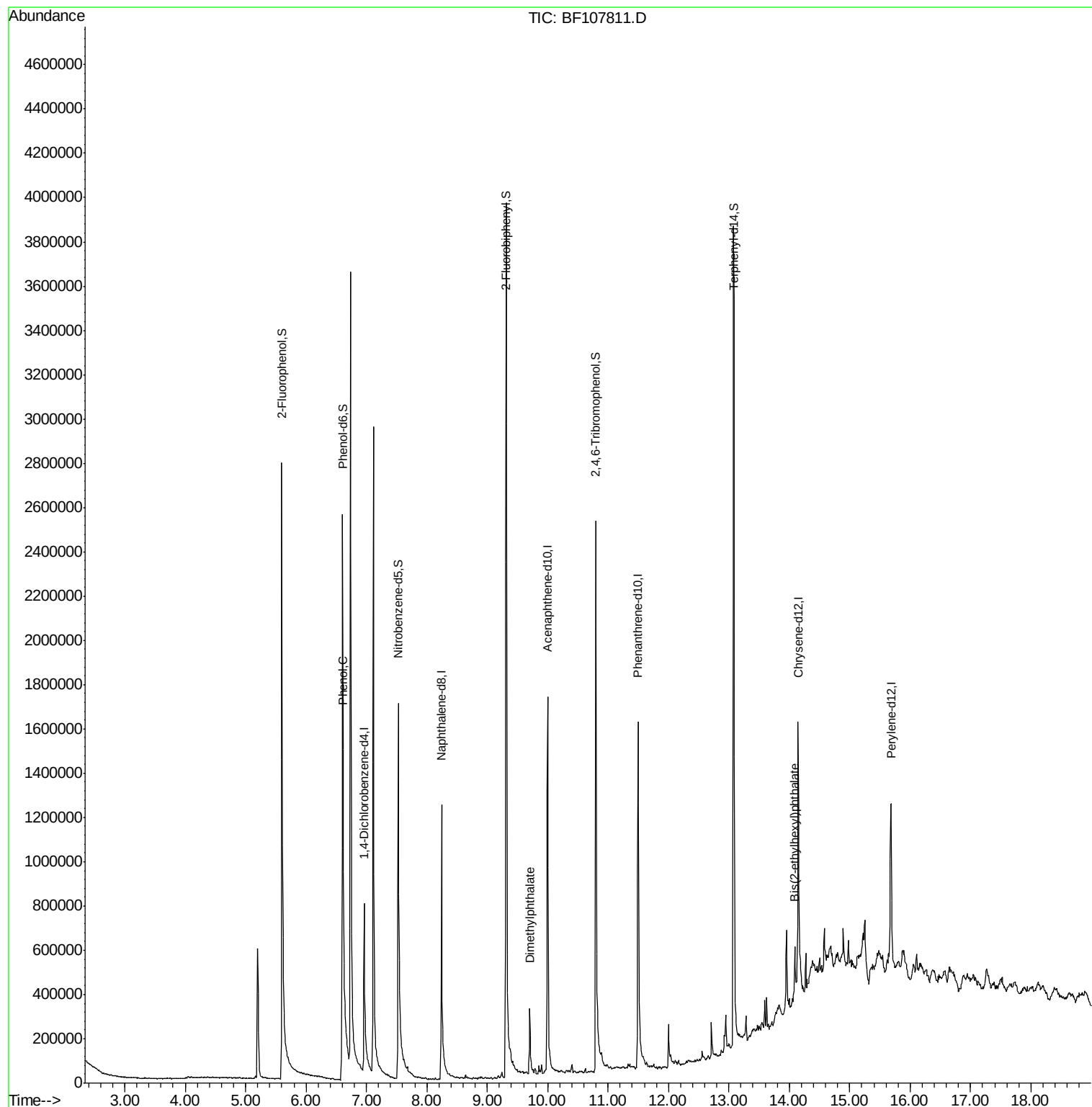
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	198124	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	875273	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	393584	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	838669	20.00	ng	0.00
75) Chrysene-d12	14.15	240	559799	20.00	ng	0.00
86) Perylene-d12	15.68	264	564333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1253815	107.55	ng	0.00
7) Phenol-d6	6.61	99	1531162	99.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	1044617	68.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	469858	87.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1719469	60.88	ng	0.00
78) Terphenyl-d14	13.08	244	1661156	64.35	ng	0.00
Target Compounds						
10) Phenol	6.62	94	73255	3.998	ng	Qvalue # 55
49) Dimethylphthalate	9.71	163	152310	5.153	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	50015	2.254	ng	98

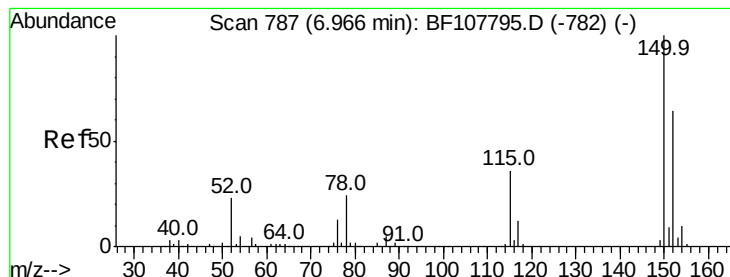
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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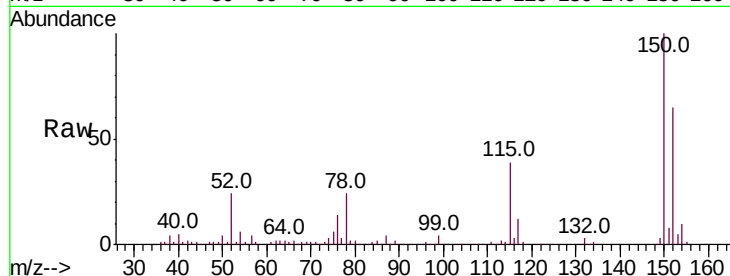


#1

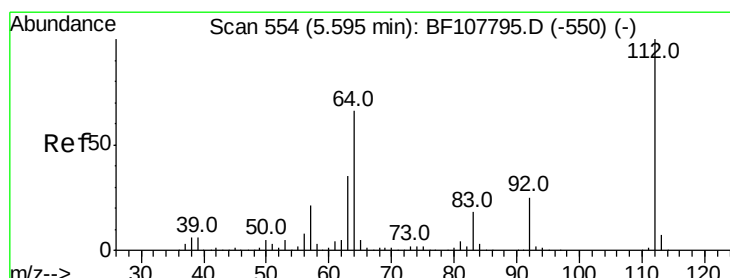
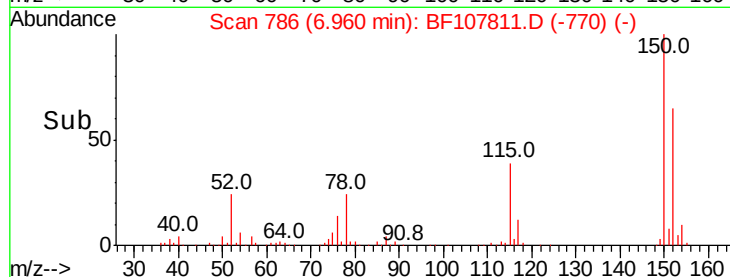
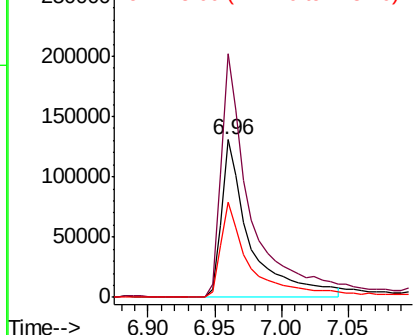
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampled :
SOIL-2

Tot Ion:152 Resp: 198124
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.3 50.1 75.1



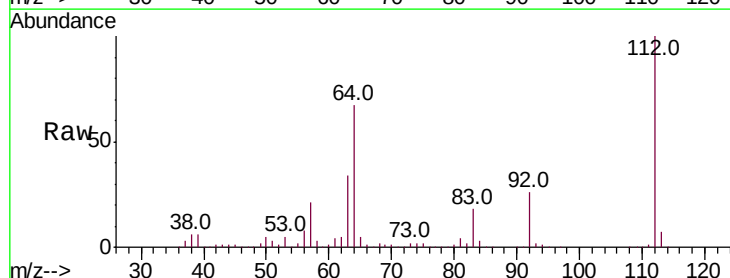
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



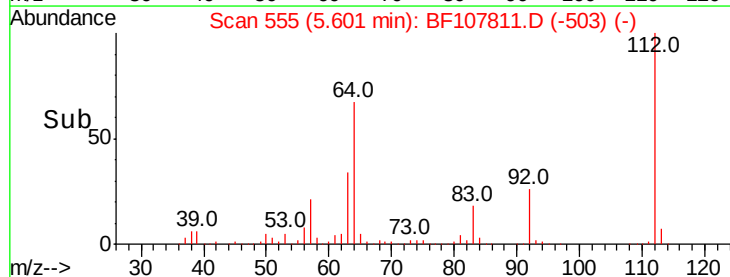
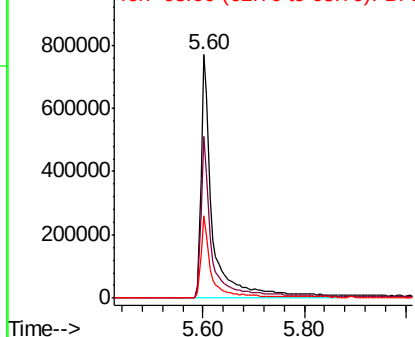
#5

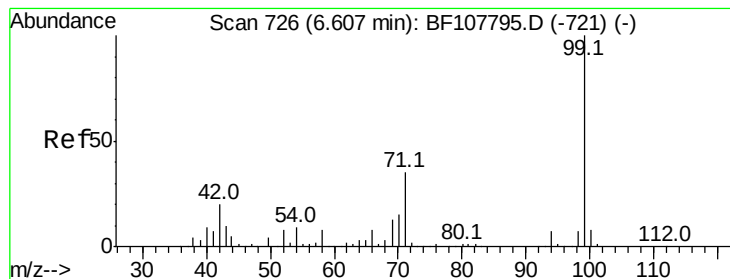
2-Fluorophenol
Concen: 107.555 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:112 Resp: 1253815
Ion Ratio Lower Upper
112 100
64 66.7 47.9 71.9
63 33.8 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: 99.660 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampleId :

SOIL-2

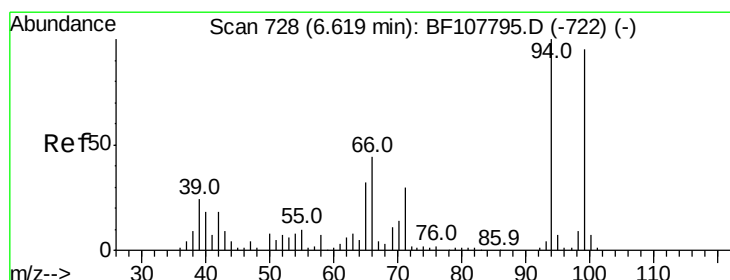
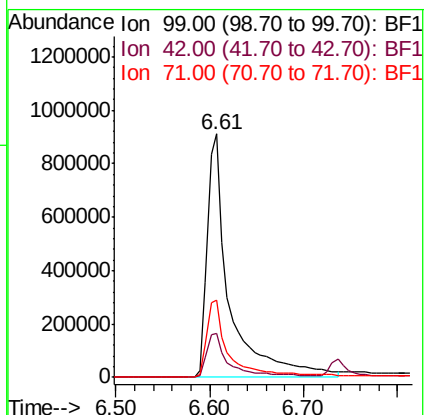
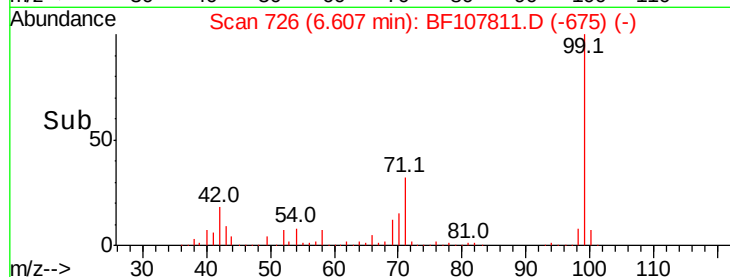
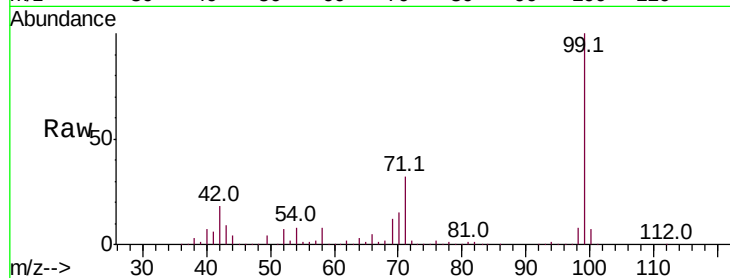
Tot Ion: 99 Resp: 1531162

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 31.9 25.4 38.0



#10

Phenol

Concen: 3.998 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

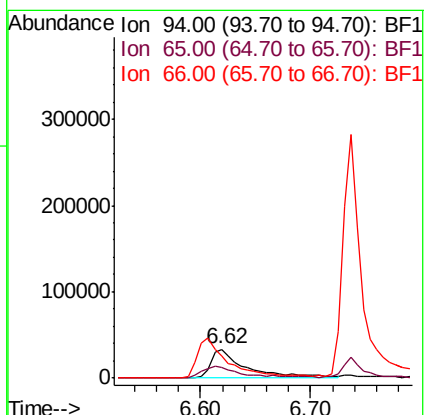
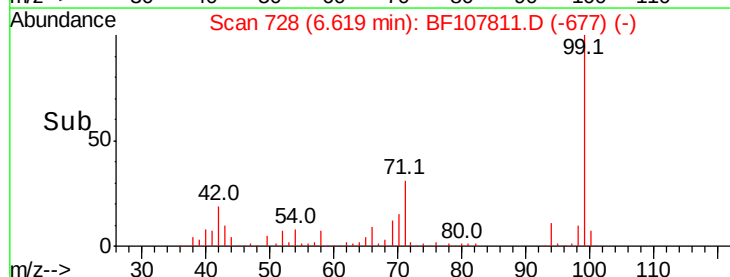
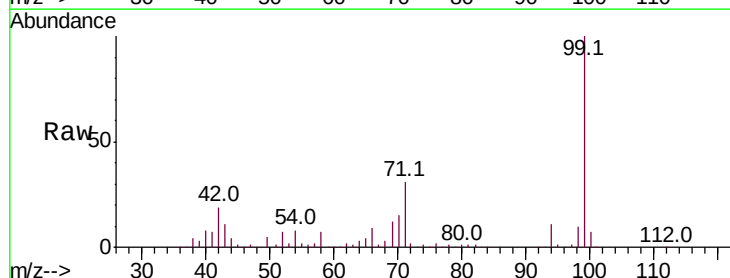
Tgt Ion: 94 Resp: 73255

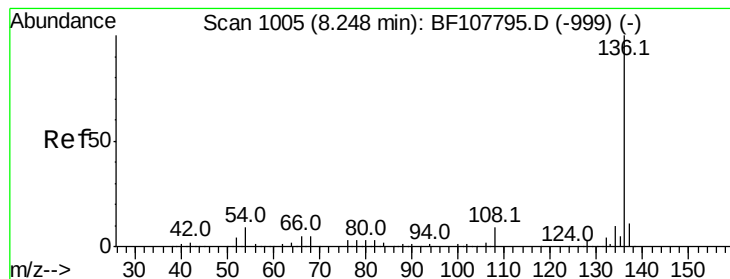
Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

66 77.5 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampled :

SOIL-2

Tot Ion:136 Resp: 875273

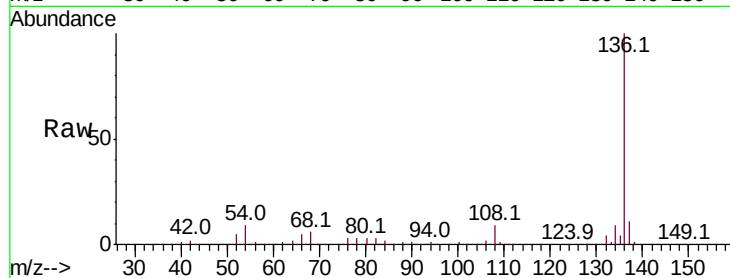
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.3 6.6 9.8

68 6.4 5.0 7.4

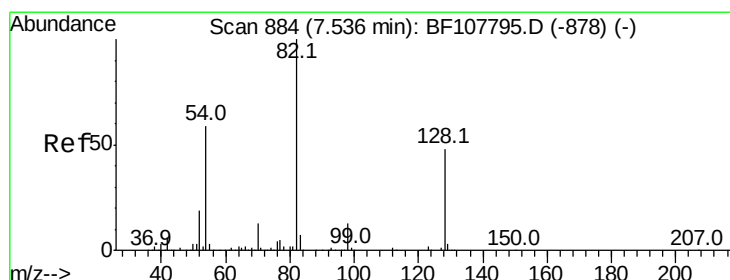
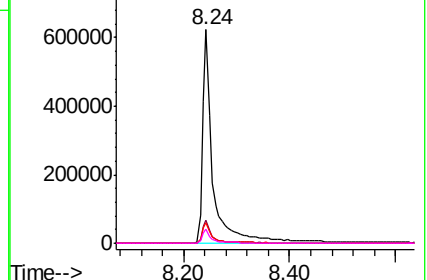
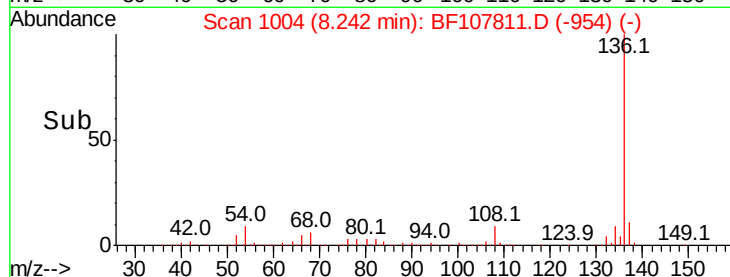


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.757 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

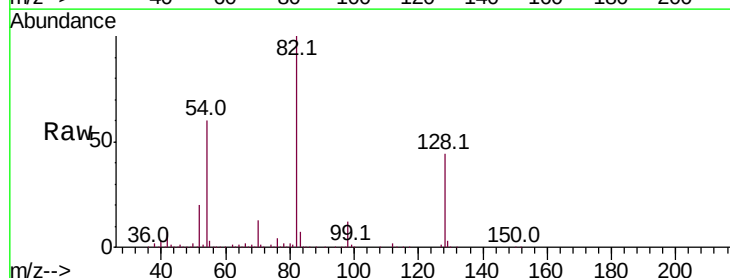
Tgt Ion: 82 Resp: 1044617

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

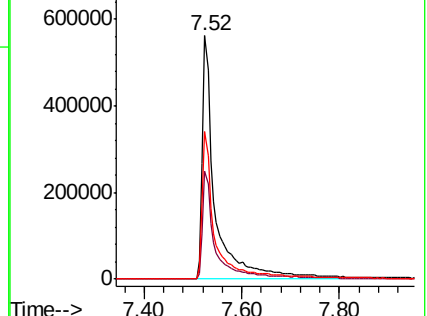
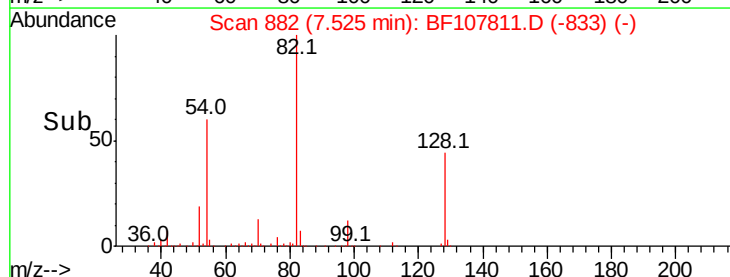
54 60.4 41.4 62.2

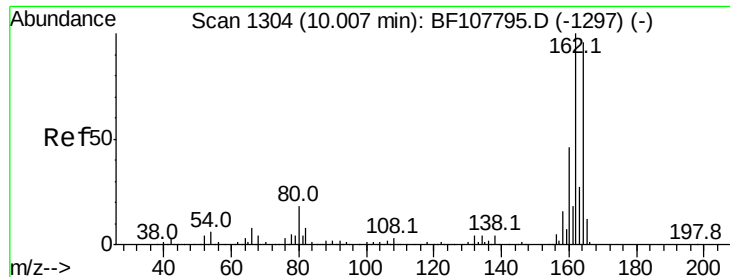


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

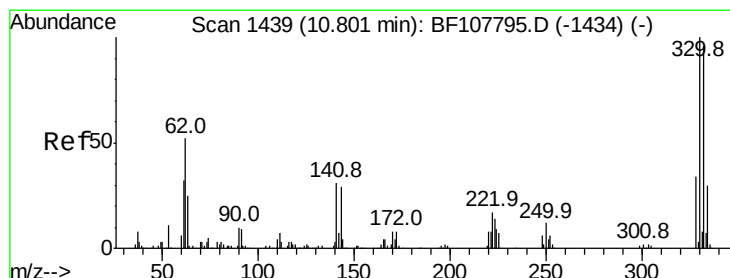
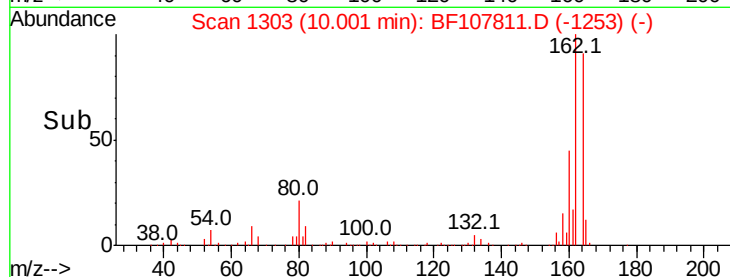
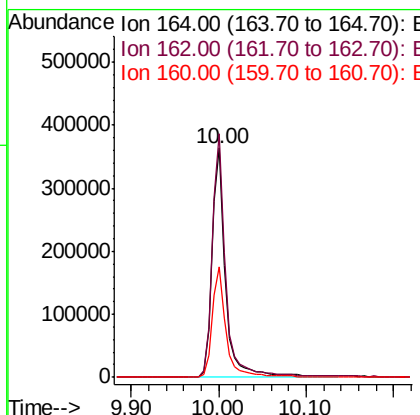
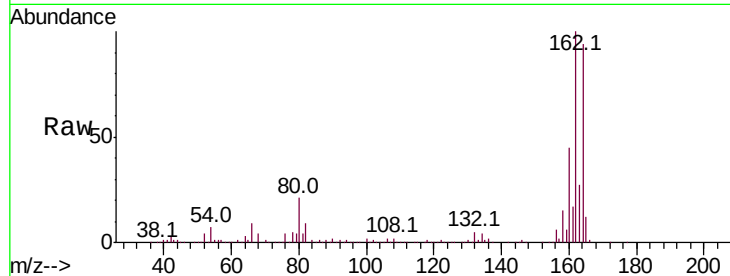




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107811.D
 Acq: 30 Jul 2018 20:20

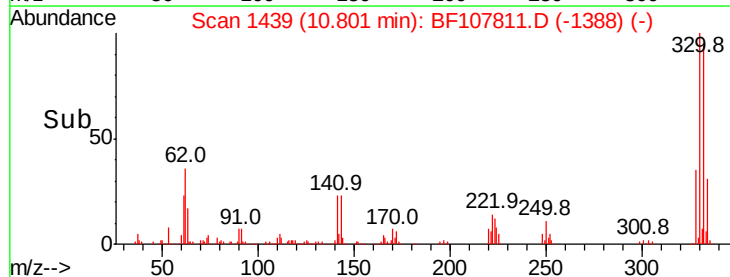
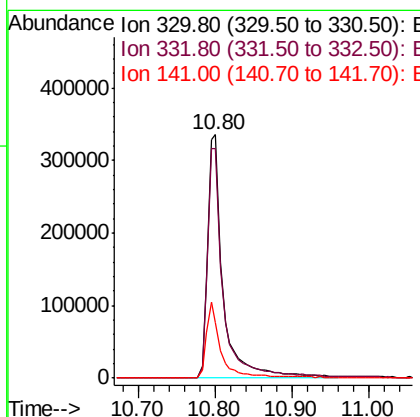
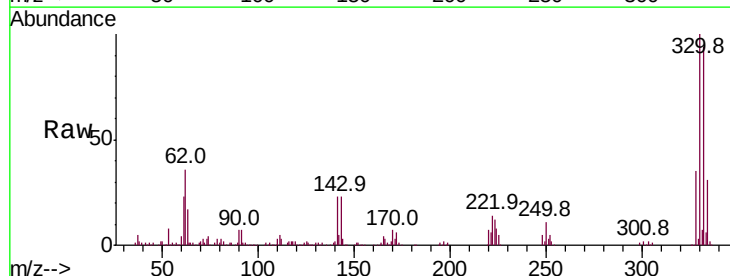
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

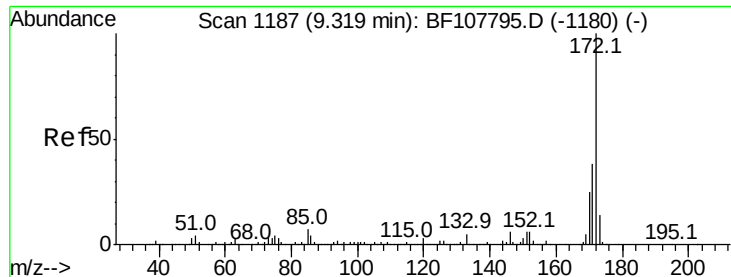
Tot Ion:164 Resp: 393584
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 87.857 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107811.D
 Acq: 30 Jul 2018 20:20

Tgt Ion:330 Resp: 469858
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 30.5 29.9 44.9

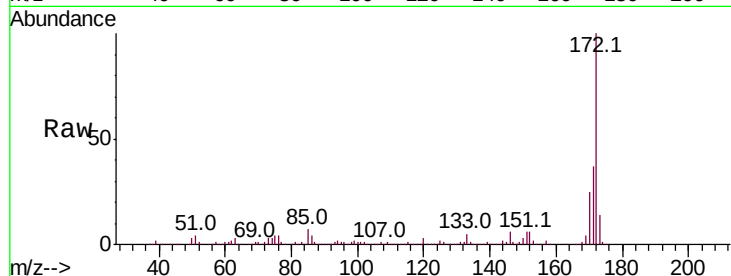




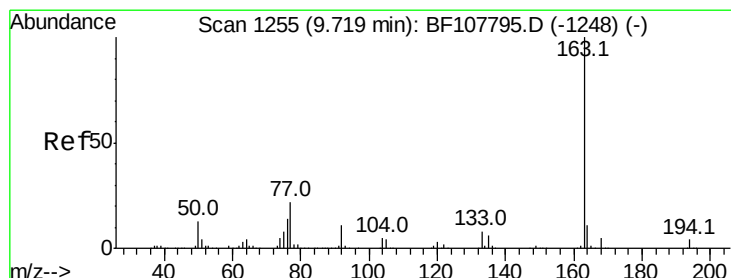
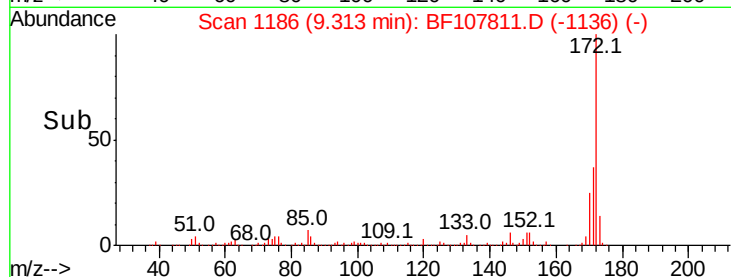
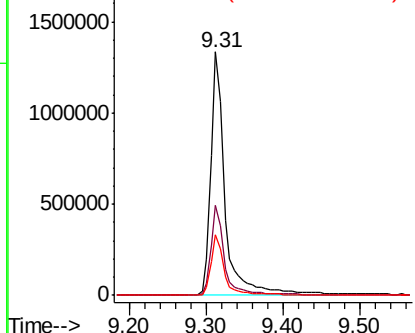
#44
2-Fluorobiphenyl
Concen: 60.878 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion:172 Resp: 1719469
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.7 19.6 29.4

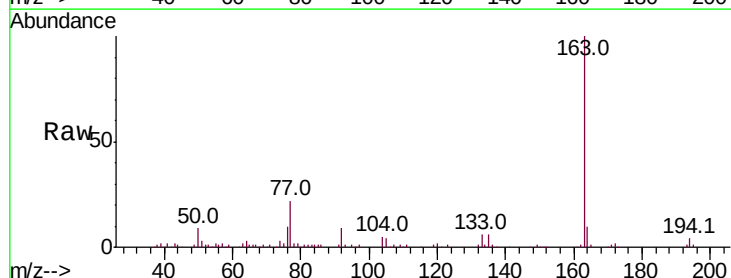


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

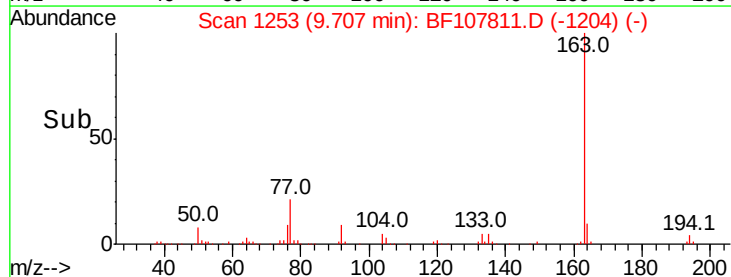
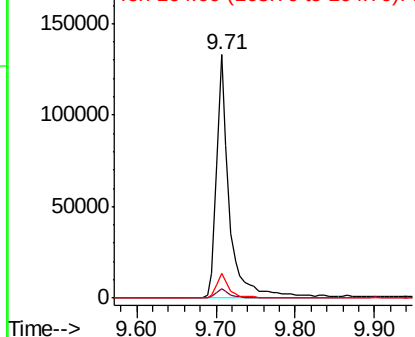


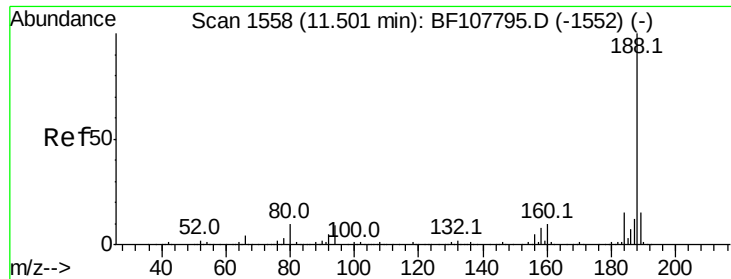
#49
Dimethylphthalate
Concen: 5.153 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:163 Resp: 152310
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 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

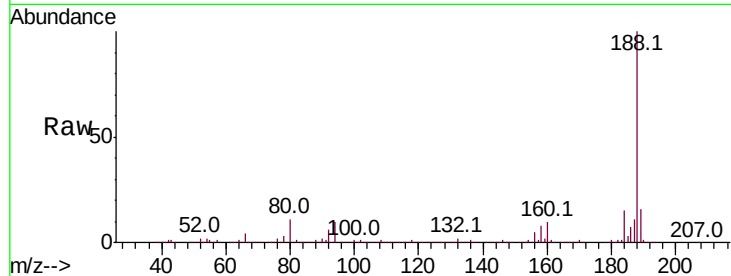




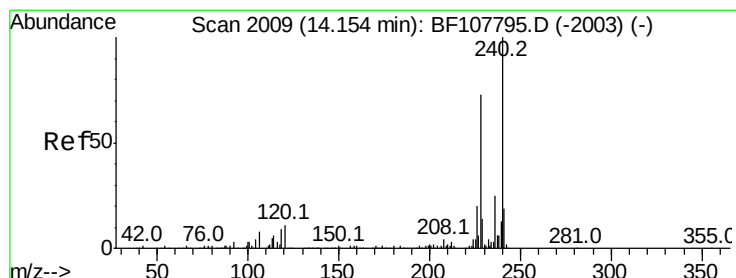
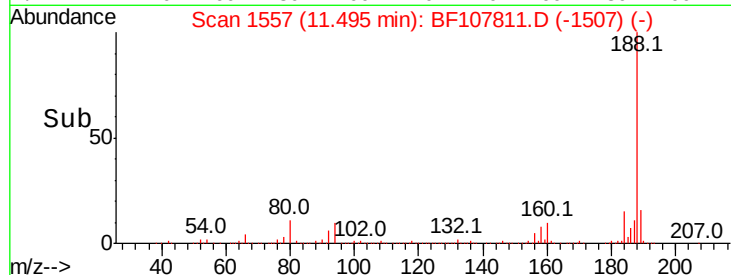
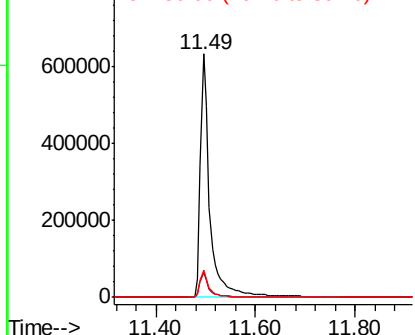
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion:188 Resp: 838669
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8

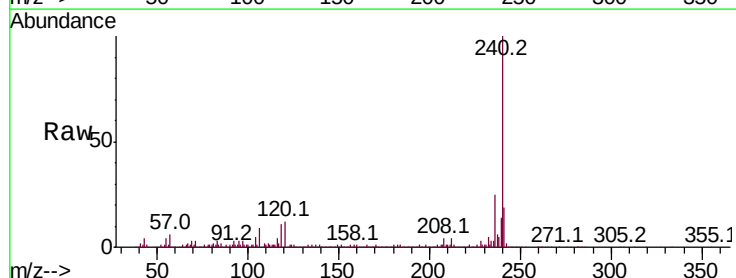


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

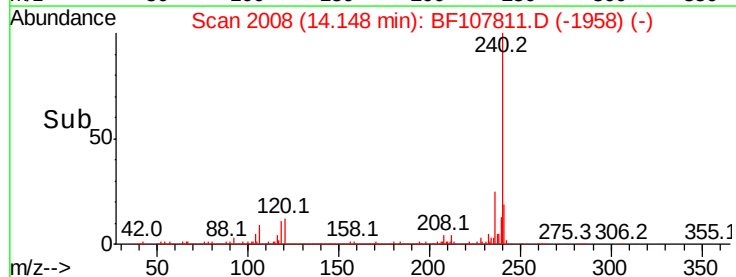
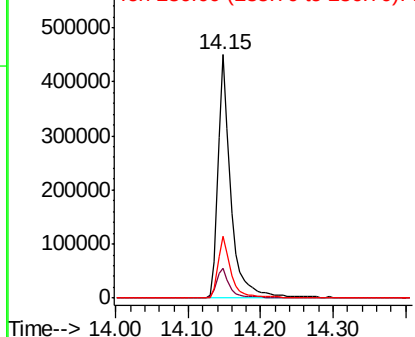


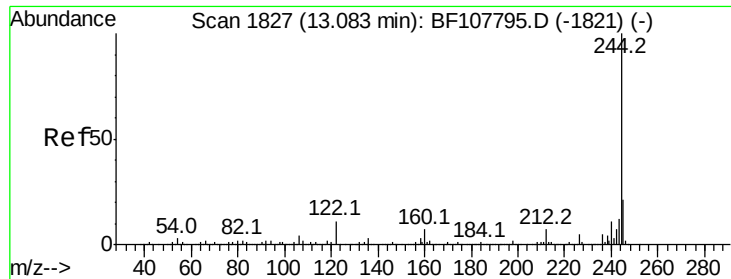
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:240 Resp: 559799
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 25.2 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: 64.346 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampleId :

SOIL-2

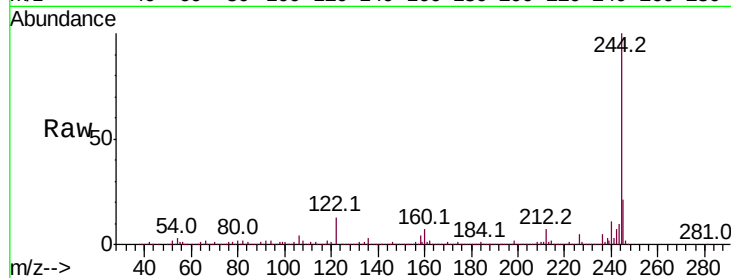
Tot Ion:244 Resp: 1661156

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

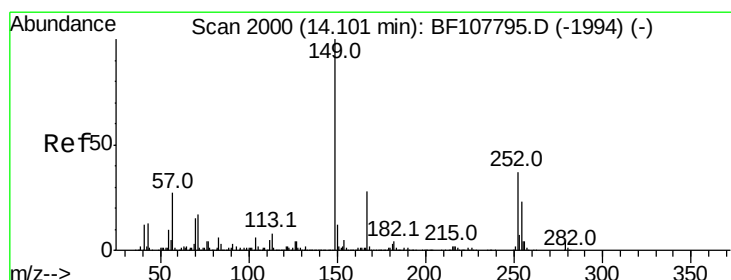
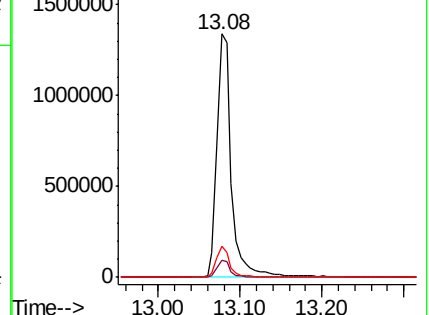
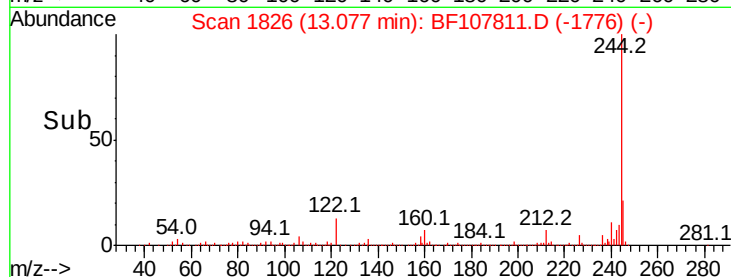
122 12.6 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.254 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

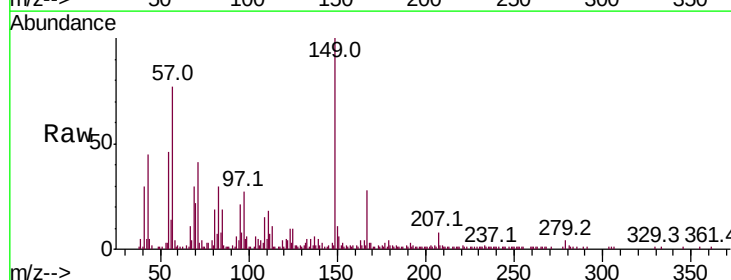
Tgt Ion:149 Resp: 50015

Ion Ratio Lower Upper

149 100

167 27.9 21.3 31.9

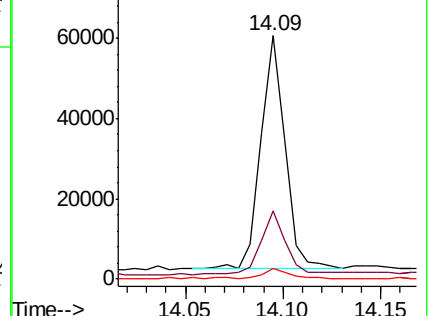
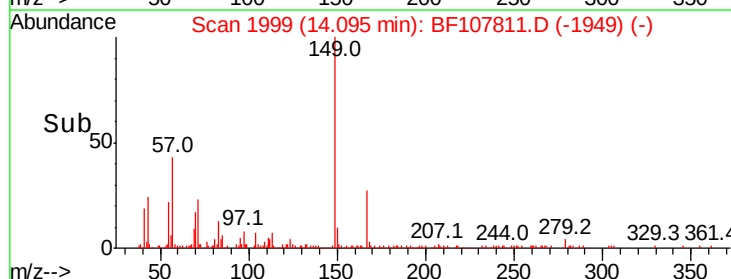
279 4.2 3.0 4.4

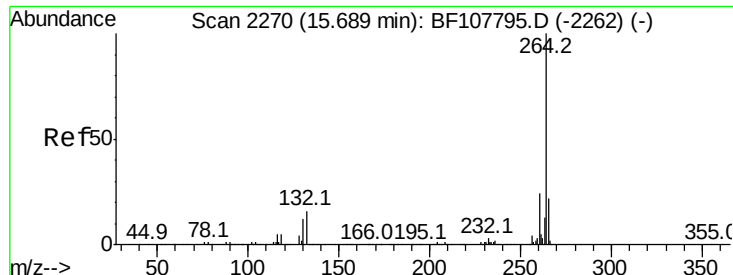


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3

