

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104988.D
 Acq On : 1 May 2018 17:15
 Operator : JU/SJ
 Sample : J2616-37
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOPE-CREEK-SOIL

Quant Time: May 02 07:03:27 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

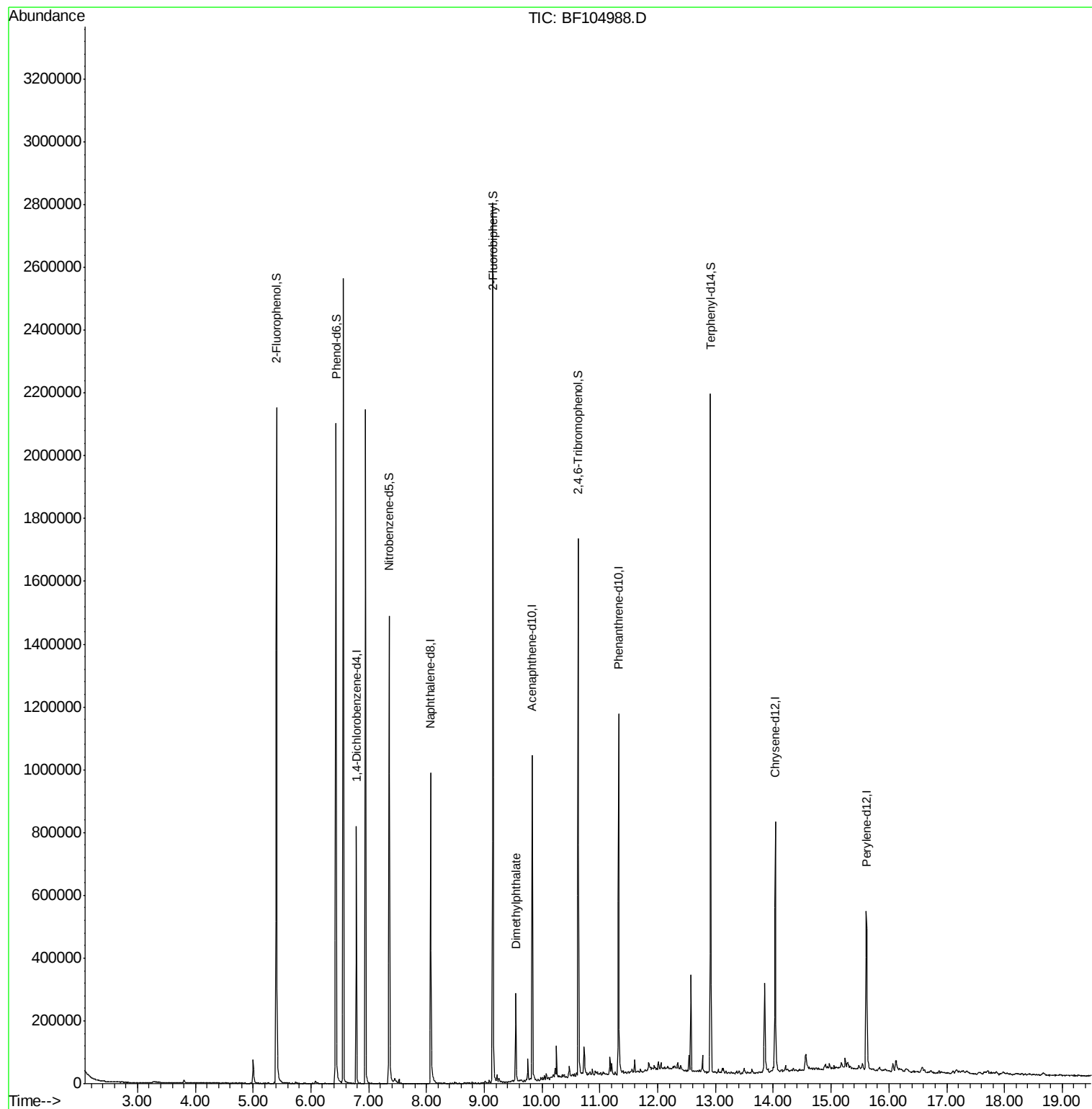
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113980	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	486544	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	225260	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	390475	20.00	ng	0.00
75) Chrysene-d12	14.03	240	272743	20.00	ng	0.06
86) Perylene-d12	15.61	264	239961	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	718329	96.36	ng	0.00
7) Phenol-d6	6.43	99	859451	93.84	ng	0.00
23) Nitrobenzene-d5	7.36	82	530317	71.17	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	225509	96.51	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	872421	61.18	ng	0.00
78) Terphenyl-d14	12.92	244	778614	65.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	111382	6.270	ng	Qvalue 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

Instrument :

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ClientSampleId :

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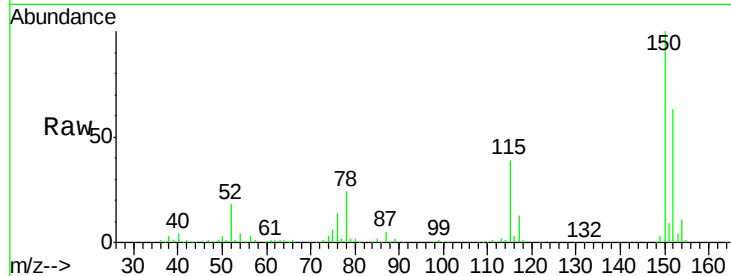
Tgt Ion:152 Resp: 113980

Ion Ratio Lower Upper

152 100

150 159.2 124.6 186.8

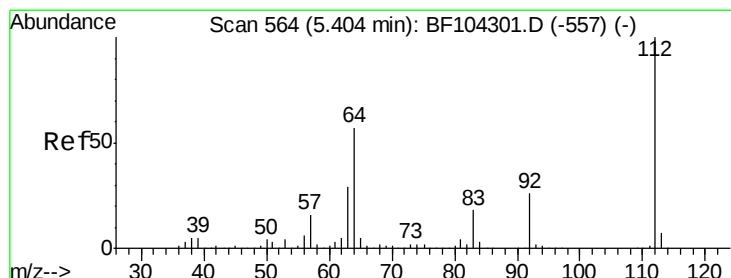
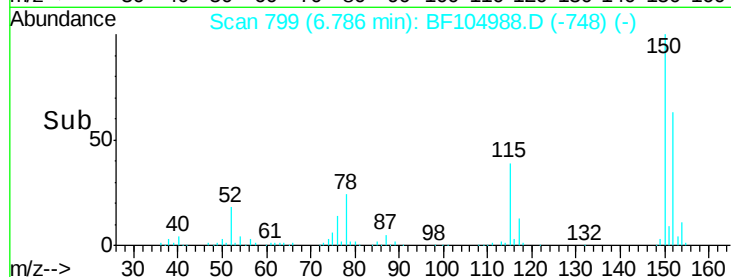
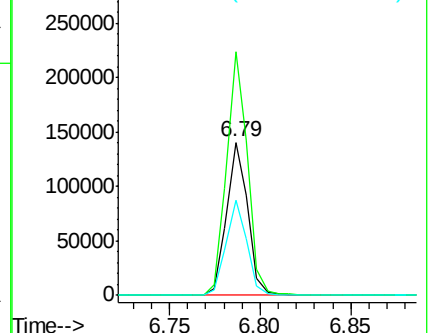
115 62.6 50.1 75.1



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: 96.365 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

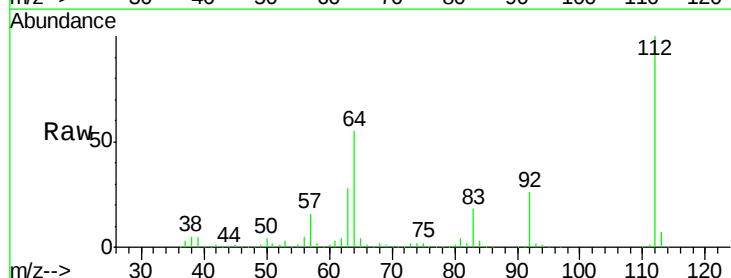
Tgt Ion:112 Resp: 718329

Ion Ratio Lower Upper

112 100

64 55.2 47.9 71.9

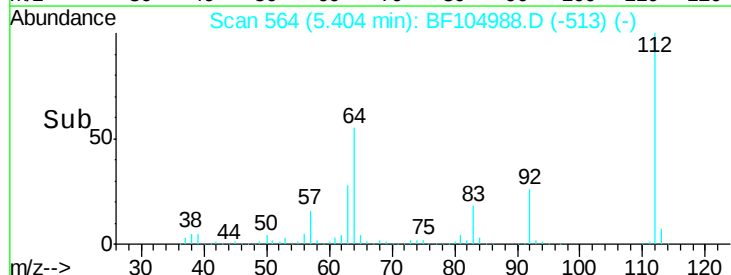
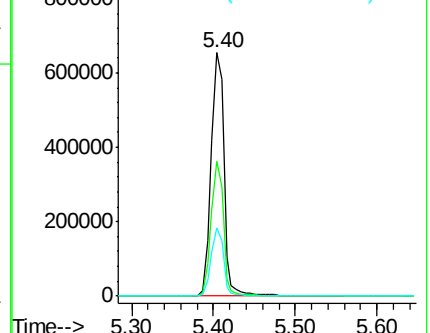
63 28.2 23.7 35.5



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: 93.838 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

Instrument :

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ClientSampleId :

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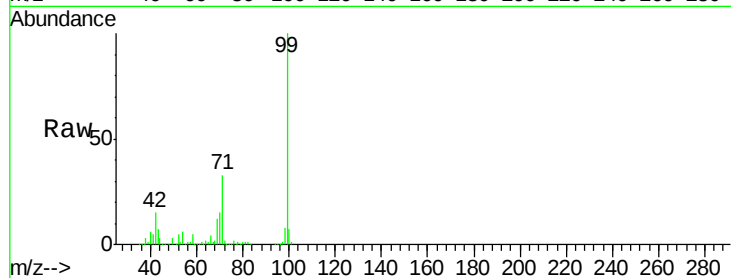
Tgt Ion: 99 Resp: 859451

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

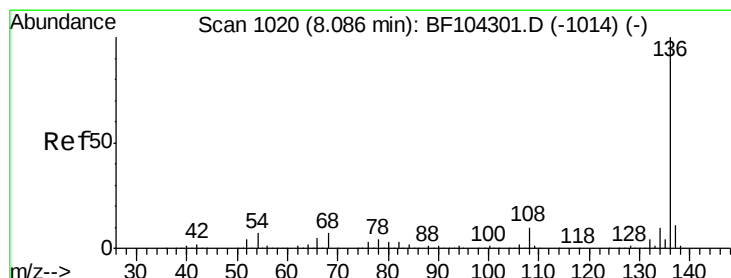
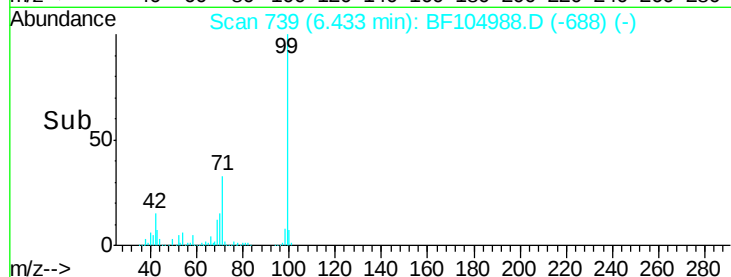
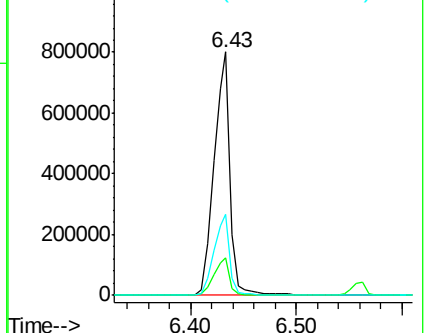
71 33.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

Tgt Ion: 136 Resp: 486544

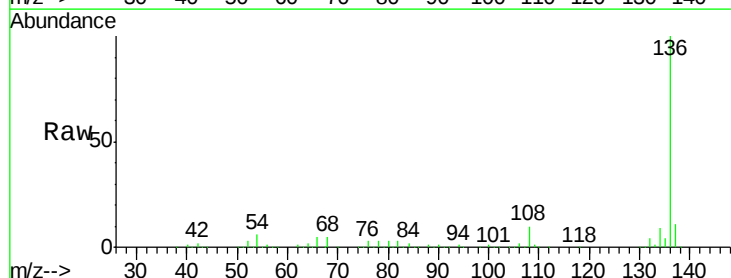
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.1 6.6 9.8#

68 5.4 5.0 7.4

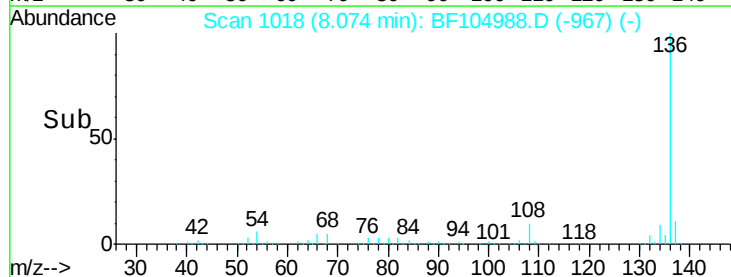
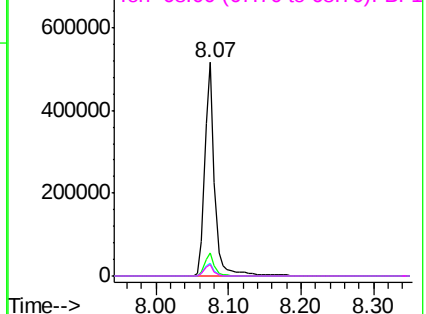


Abundance Ion 136.00 (135.70 to 136.70): E

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

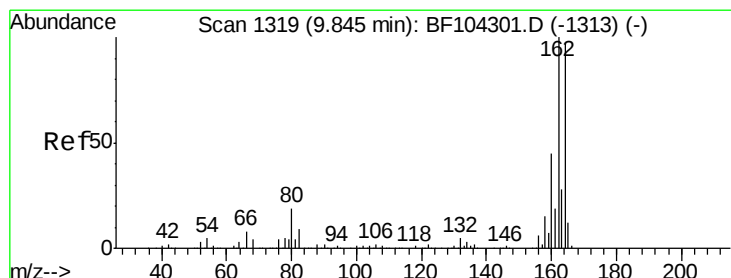
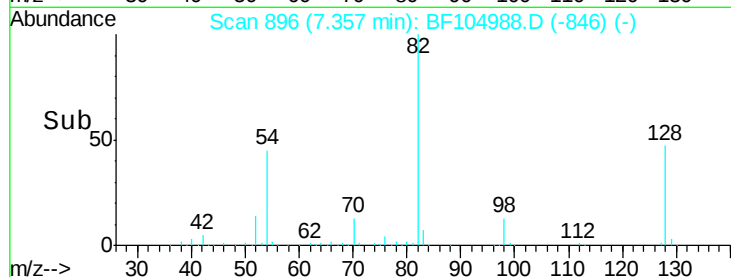
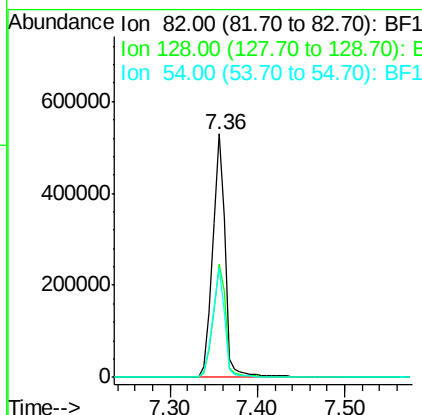
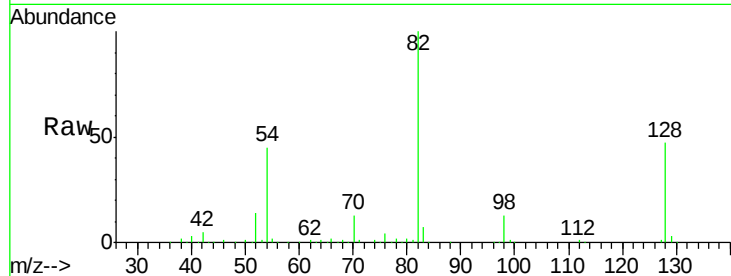




#23
 Nitrobenzene-d5
 Concen: 71.173 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104988.D
 Acq: 1 May 2018 17:15

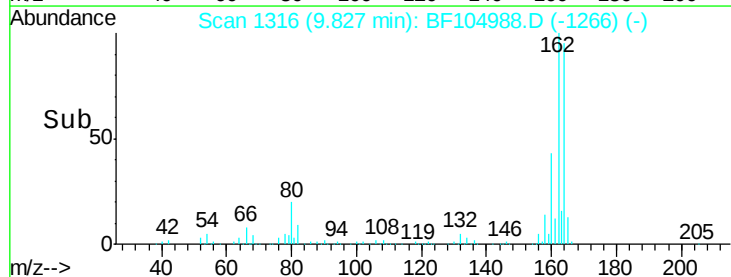
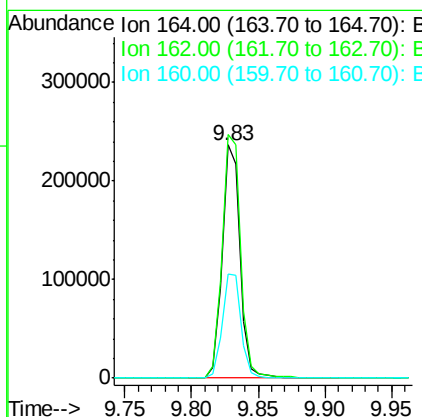
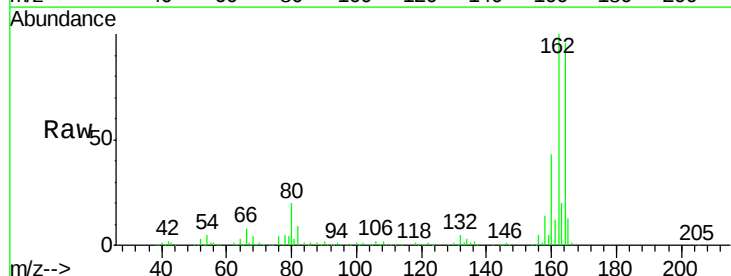
Instrument :
 BNA_F
 ClientSampleId :
 HOPE-CREEK-SOIL

Tgt Ion: 82 Resp: 530317
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 45.0 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104988.D
 Acq: 1 May 2018 17:15

Tgt Ion: 164 Resp: 225260
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 44.9 38.3 57.5

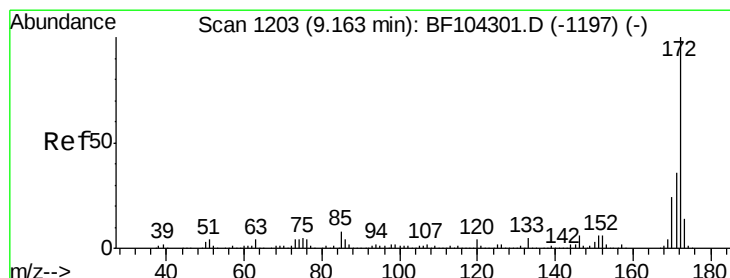
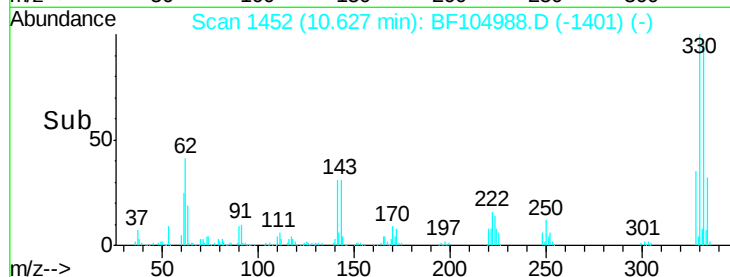
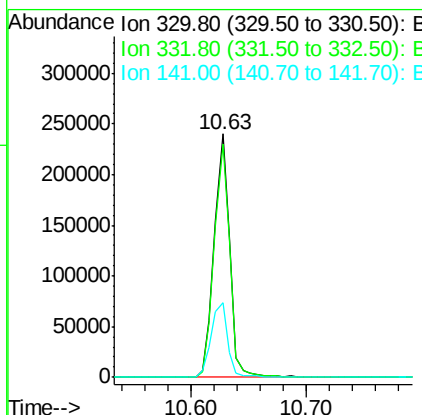
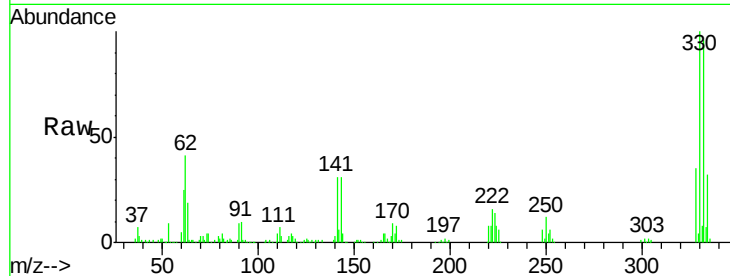




#41
 2,4,6-Tribromophenol
 Concen: 96.508 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF104988.D
 Acq: 1 May 2018 17:15

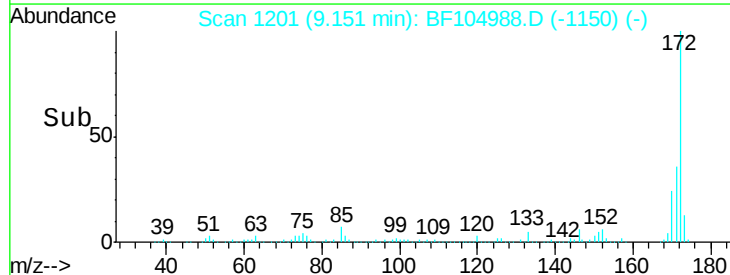
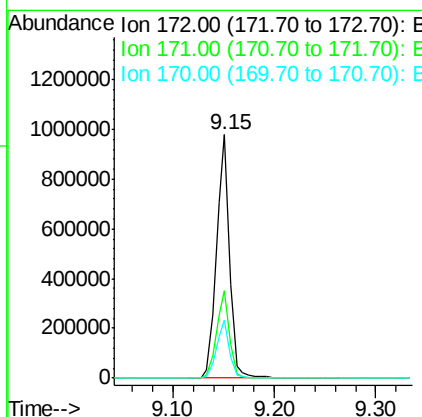
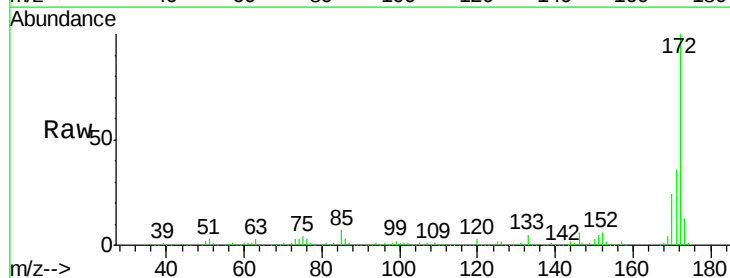
Instrument :
 BNA_F
 ClientSampleId :
 HOPE-CREEK-SOIL

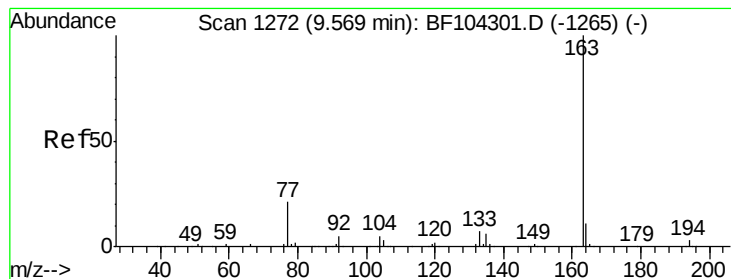
Tgt Ion:330 Resp: 225509
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 61.183 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF104988.D
 Acq: 1 May 2018 17:15

Tgt Ion:172 Resp: 872421
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4





#49

Dimethylphthalate

Concen: 6.270 ng

RT: 9.54 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

Instrument :

BNA_F

ClientSampleId :

HOPE-CREEK-SOIL

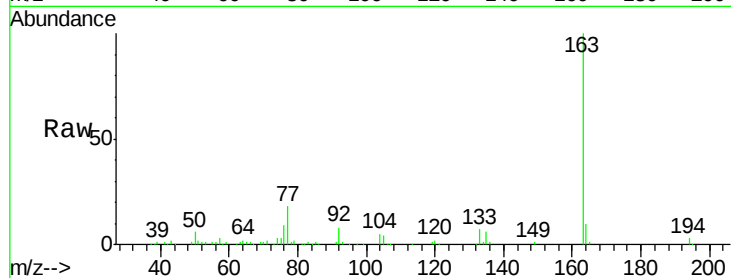
Tgt Ion:163 Resp: 111382

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

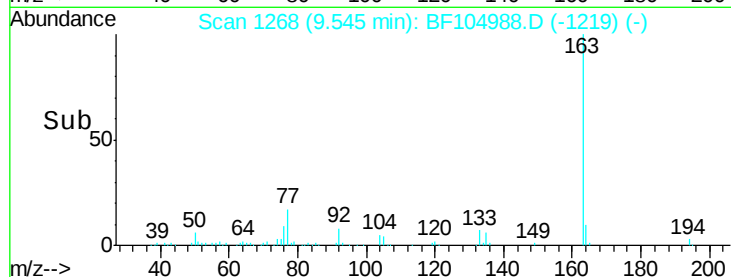
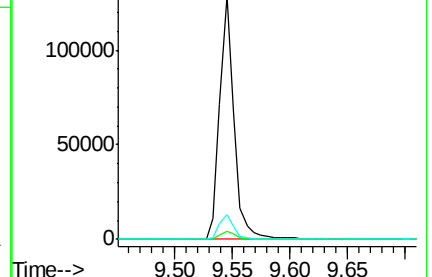
164 10.2 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF104988.D

Acq: 1 May 2018 17:15

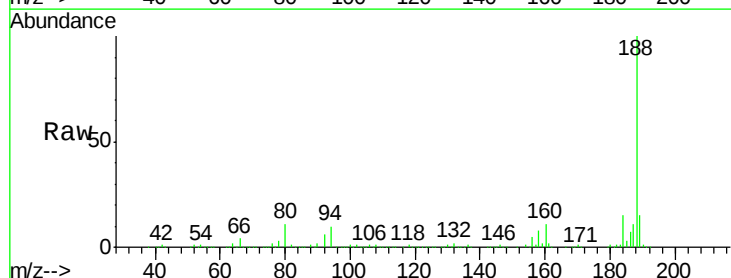
Tgt Ion:188 Resp: 390475

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

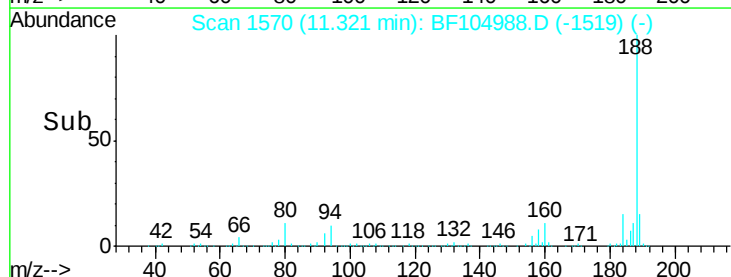
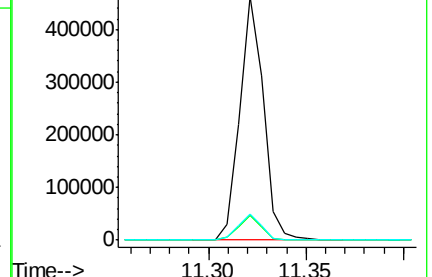
80 10.8 9.2 13.8

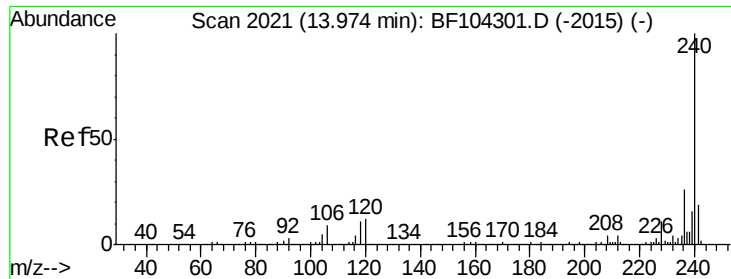


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

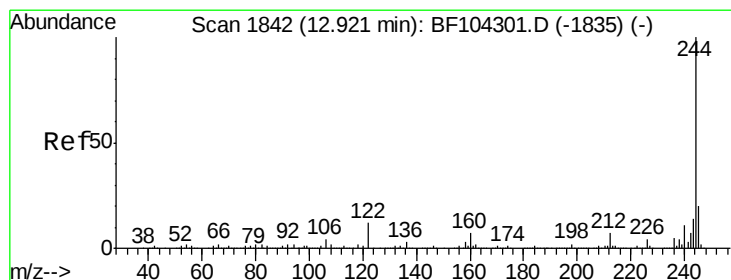
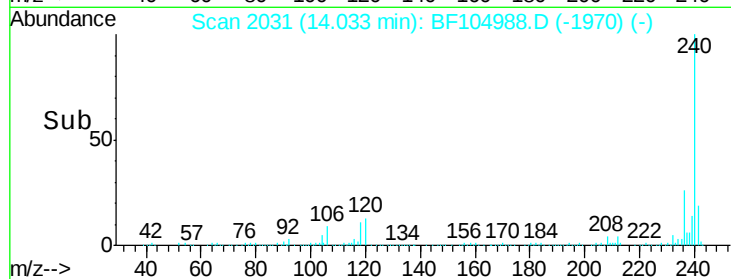
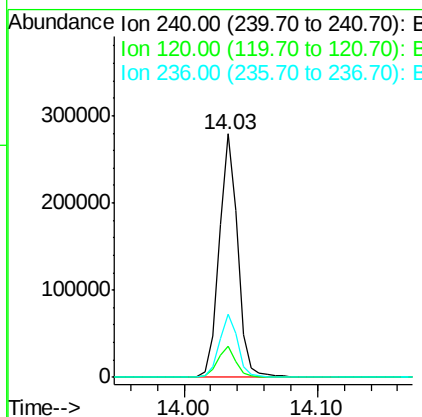
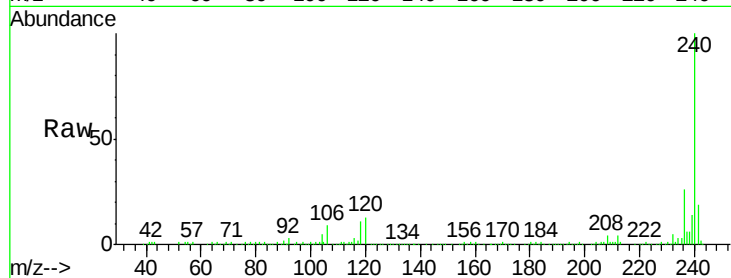




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.06 min
Lab File: BF104988.D
Acq: 1 May 2018 17:15

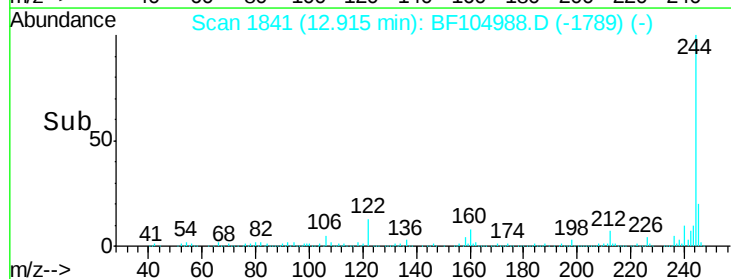
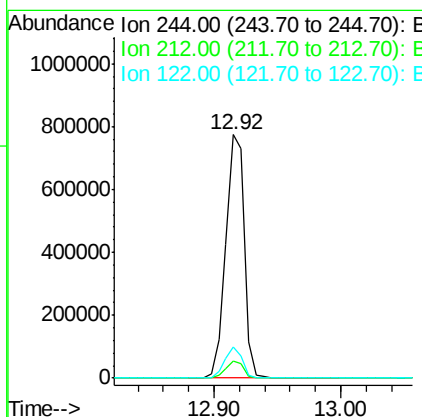
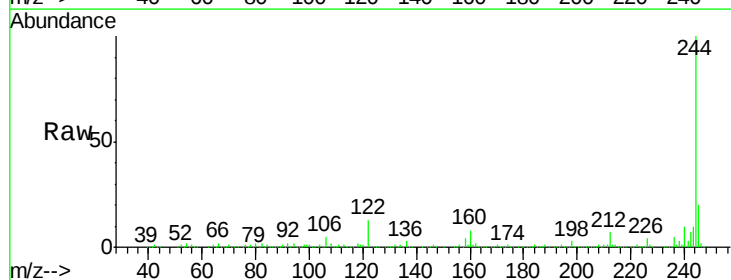
Instrument :
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HOPE-CREEK-SOIL

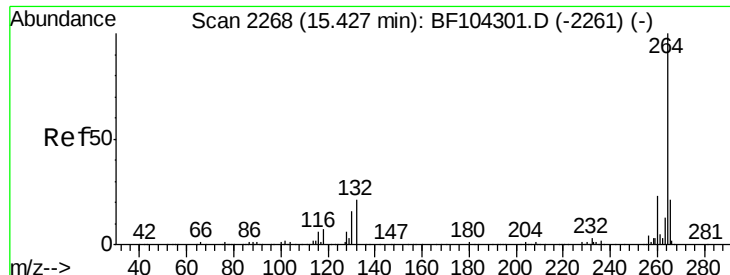
Tgt Ion:240 Resp: 272743
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.1 20.7 31.1



#78
Terphenyl-d14
Concen: 65.084 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF104988.D
Acq: 1 May 2018 17:15

Tgt Ion:244 Resp: 778614
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 12.7 11.0 16.4

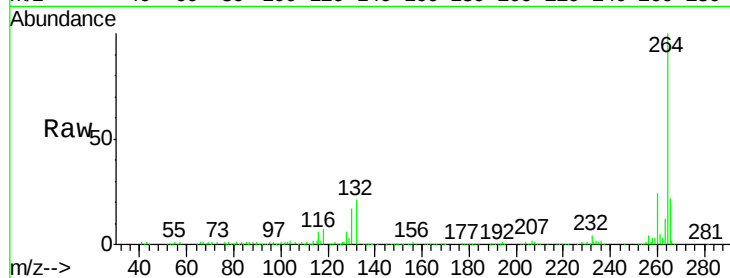




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.18 min
Lab File: BF104988.D
Acq: 1 May 2018 17:15

Instrument :
BNA_F
ClientSampleId :
HOPE-CREEK-SOIL

Tgt Ion: 264 Resp: 239961
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 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

