

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101978.D
 Acq On : 10 Jan 2018 14:02
 Operator : SJ/JU
 Sample : J1042-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: Jan 11 02:51:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

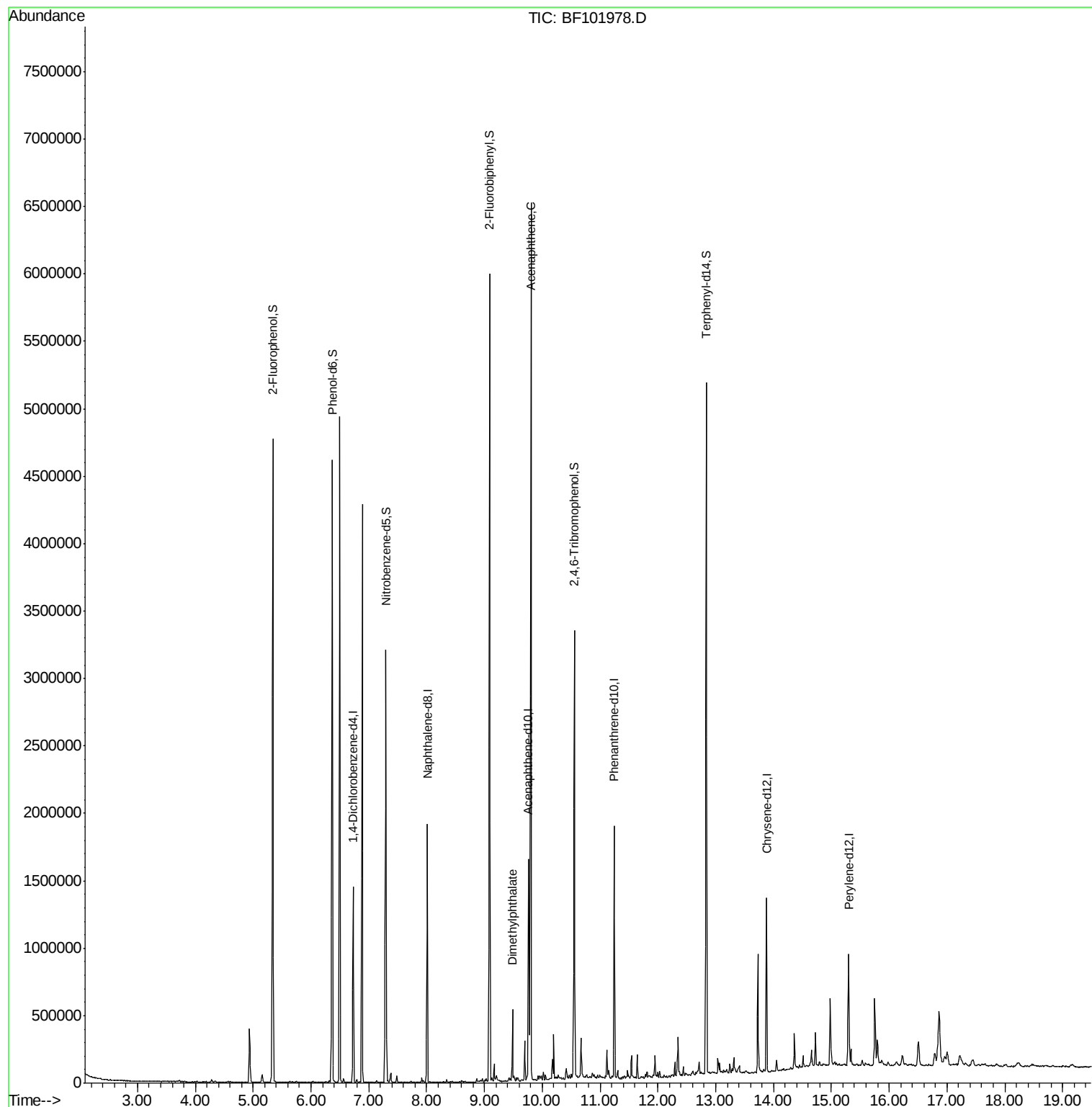
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183916	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	777660	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	351019	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	598143	20.00	ng	0.00
75) Chrysene-d12	13.88	240	437982	20.00	ng	0.00
86) Perylene-d12	15.30	264	327579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1478353	113.51	ng	0.02
7) Phenol-d6	6.37	99	1893471	121.85	ng	0.02
23) Nitrobenzene-d5	7.29	82	1175441	88.82	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	429830	140.32	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1978493	88.06	ng	0.00
78) Terphenyl-d14	12.84	244	1944038	92.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	173412	6.158	ng	98
51) Acenaphthene	9.80	154	1580066	68.180	ng	99

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

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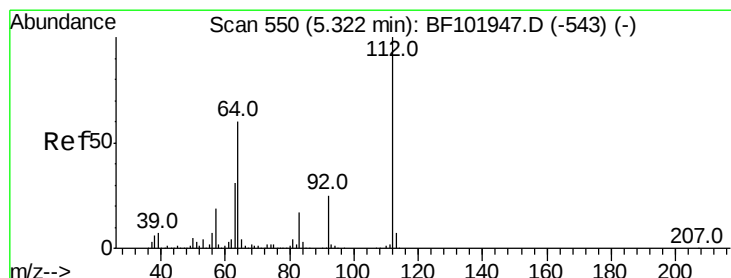
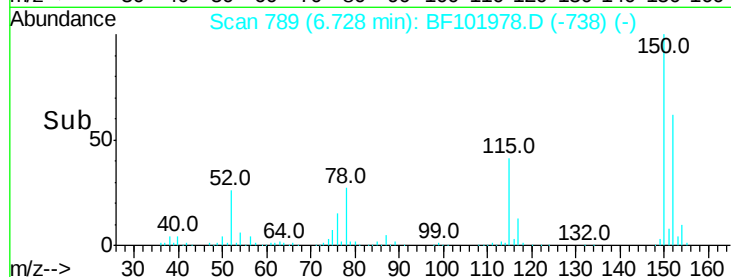
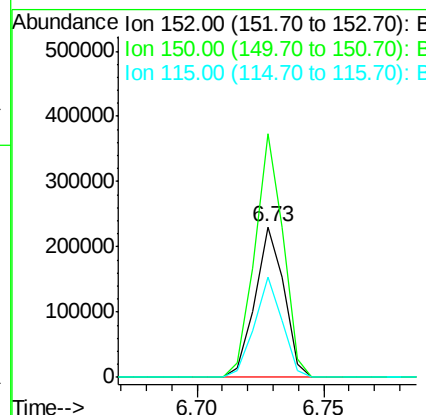
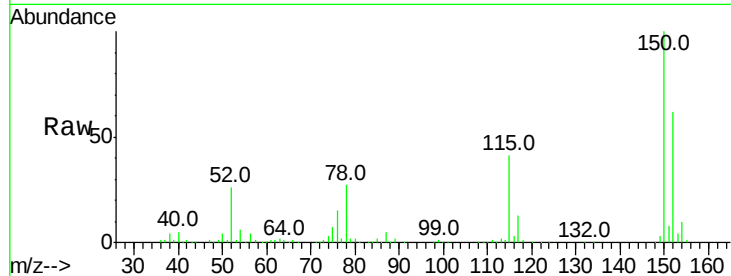


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

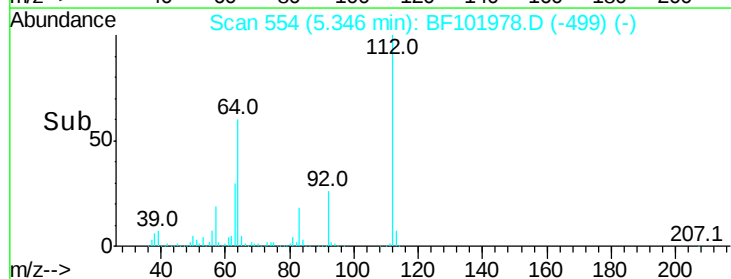
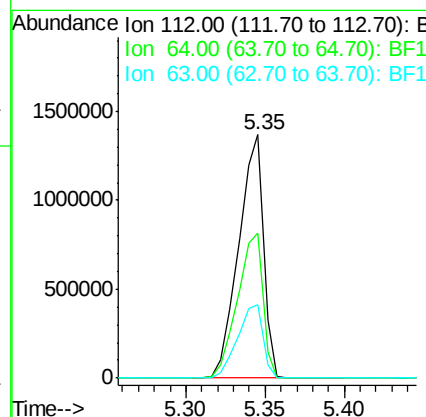
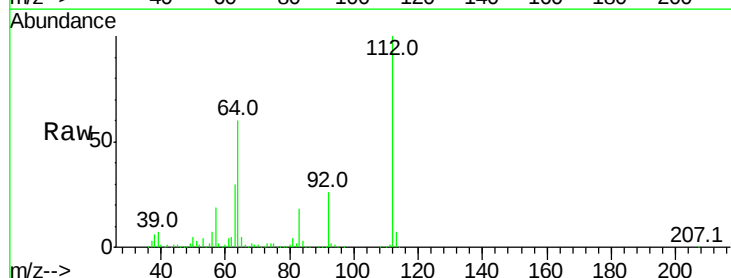
Tot Ion:152 Resp: 183916
 Ion Ratio Lower Upper
 152 100
 150 162.1 124.6 186.8
 115 67.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 113.506 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Tgt Ion:112 Resp: 1478353
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 121.849 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

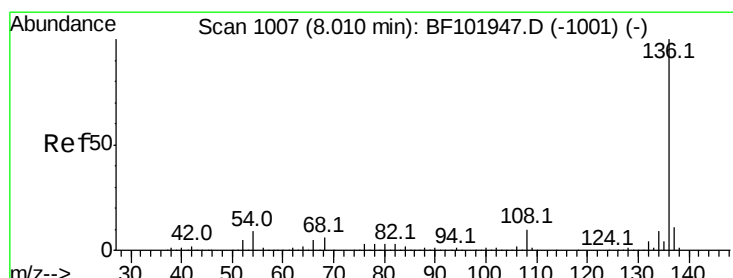
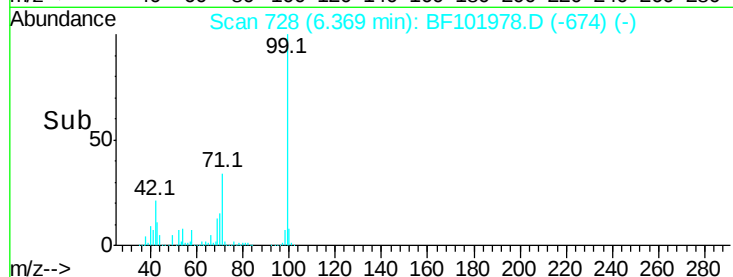
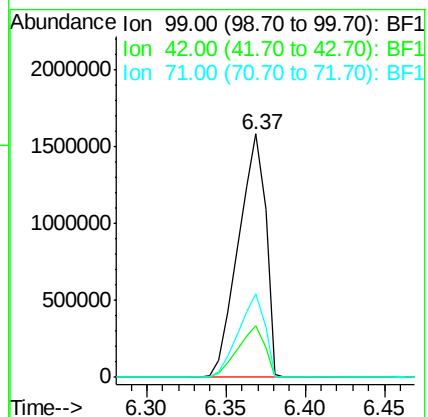
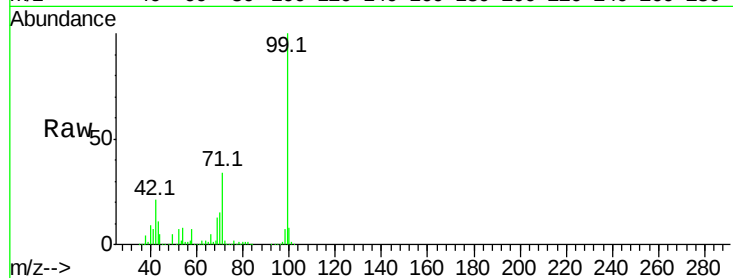
Tot Ion: 99 Resp: 1893471

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 34.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

Tgt Ion: 136 Resp: 777660

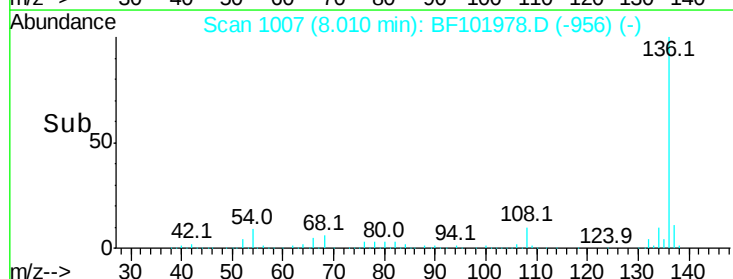
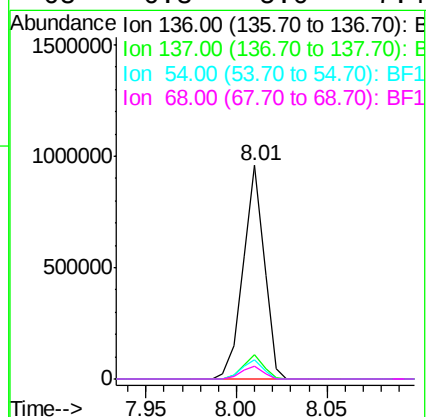
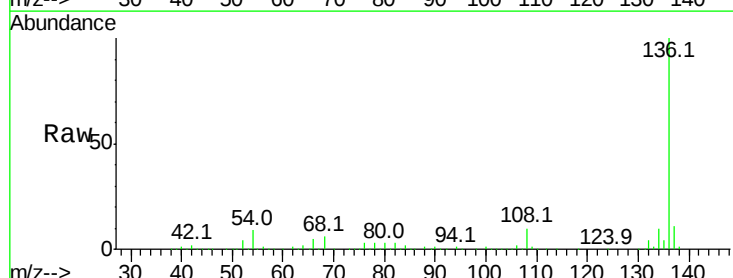
Ion Ratio Lower Upper

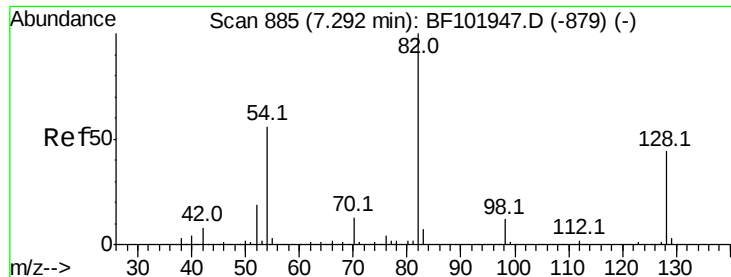
136 100

137 11.4 8.9 13.3

54 8.9 6.6 9.8

68 6.3 5.0 7.4

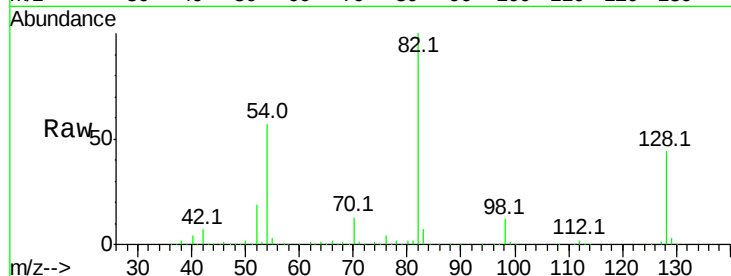




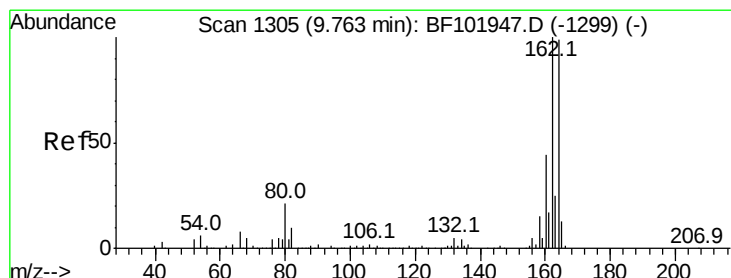
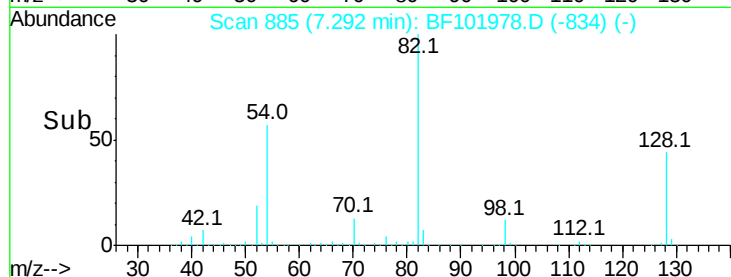
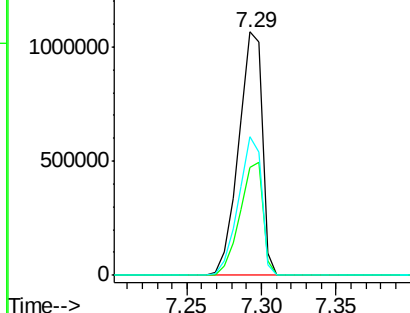
#23
 Nitrobenzene-d5
 Concen: 88.823 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion: 82 Resp: 1175441
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 57.2 41.4 62.2

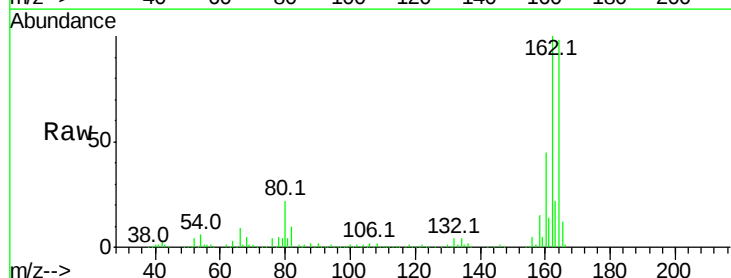


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

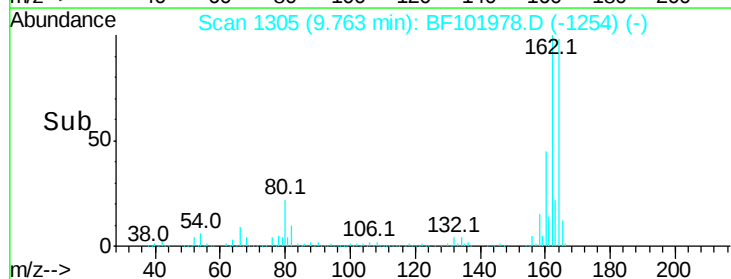
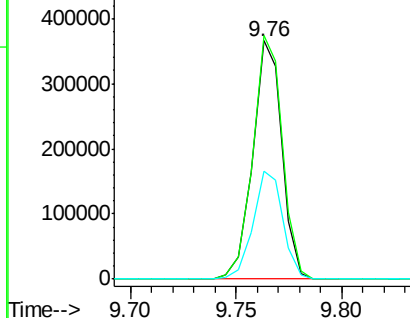


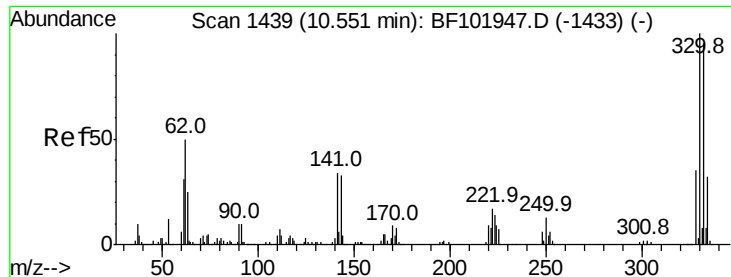
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Tgt Ion:164 Resp: 351019
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

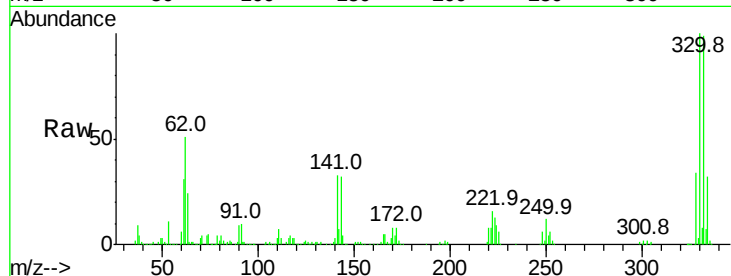




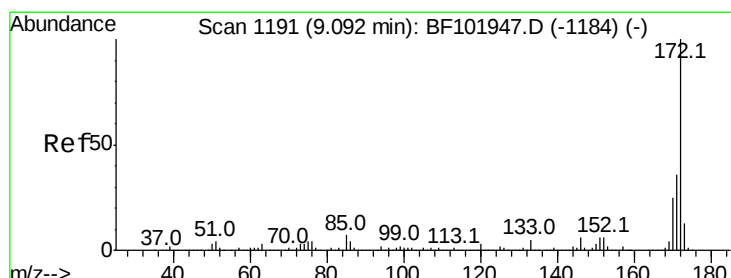
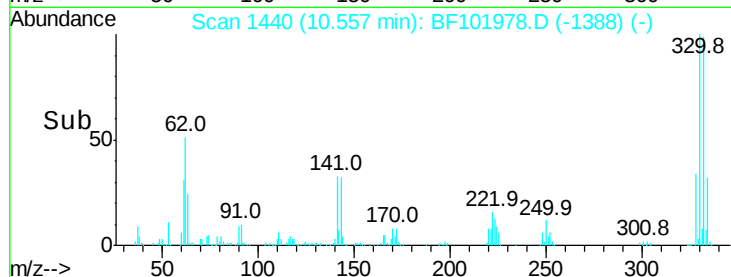
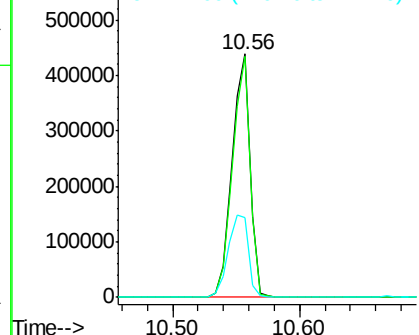
#41
 2,4,6-Tribromophenol
 Concen: 140.316 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.5	29.9	44.9

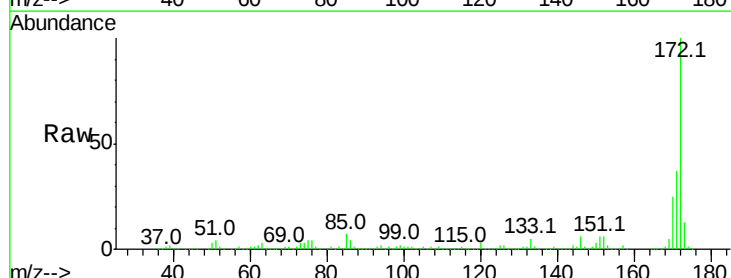


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

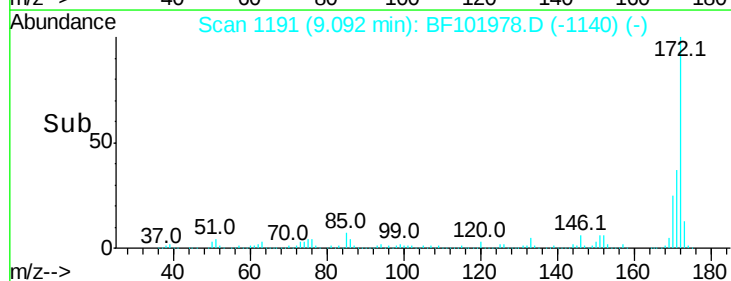
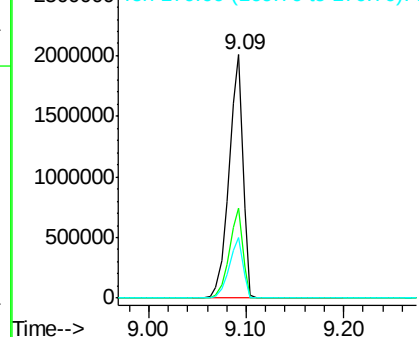


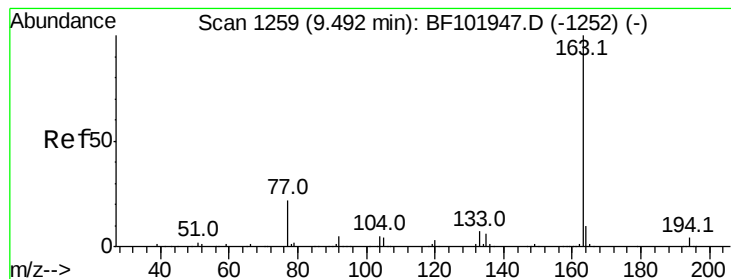
#44
 2-Fluorobiphenyl
 Concen: 88.056 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101978.D
 Acq: 10 Jan 2018 14:02

Tgt 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: 6.158 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

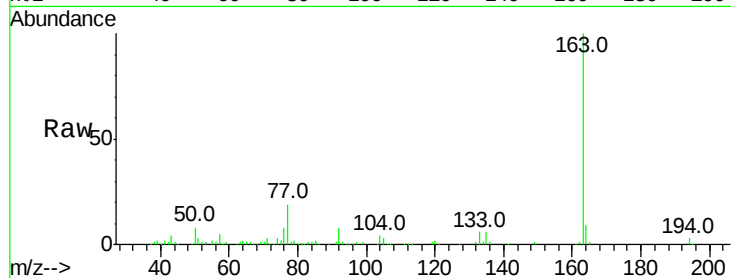
Tot Ion:163 Resp: 173412

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

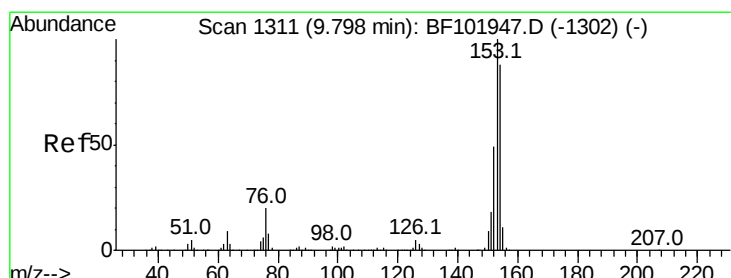
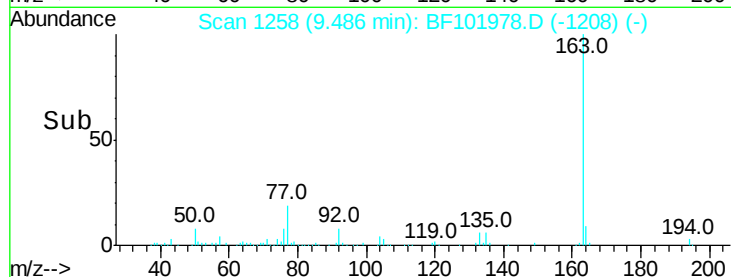
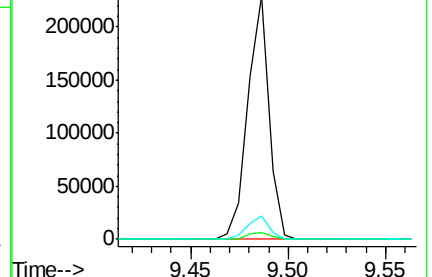
164 9.5 8.2 12.2



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



#51

Acenaphthene

Concen: 68.180 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

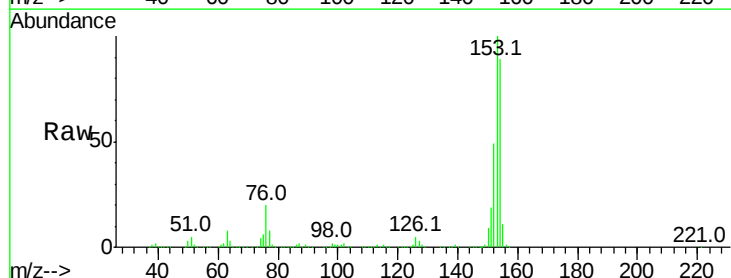
Tgt Ion:154 Resp: 1580066

Ion Ratio Lower Upper

154 100

153 112.4 91.2 136.8

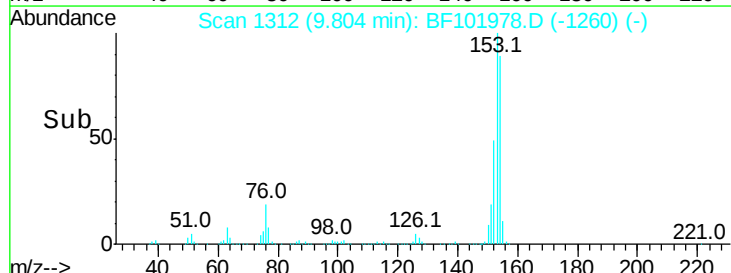
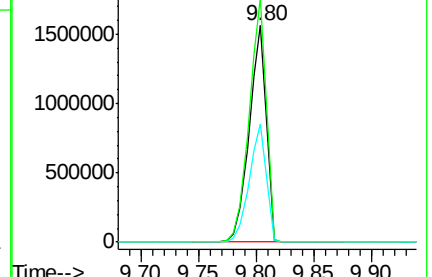
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

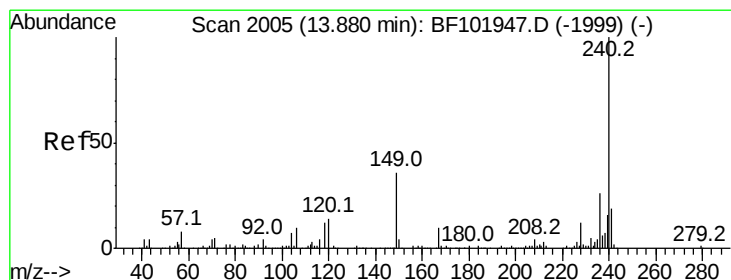
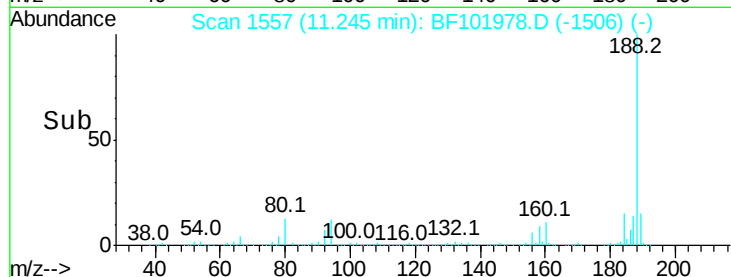
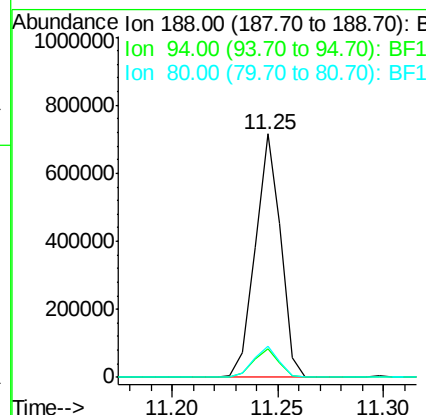
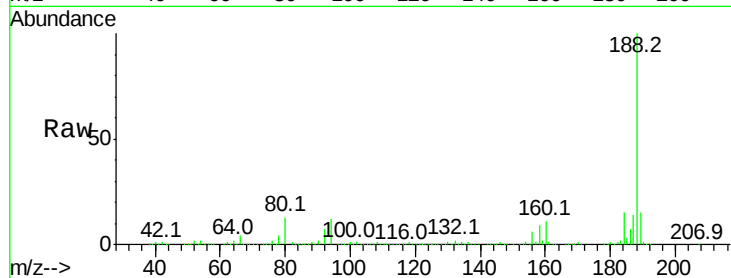




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101978.D
Acq: 10 Jan 2018 14:02

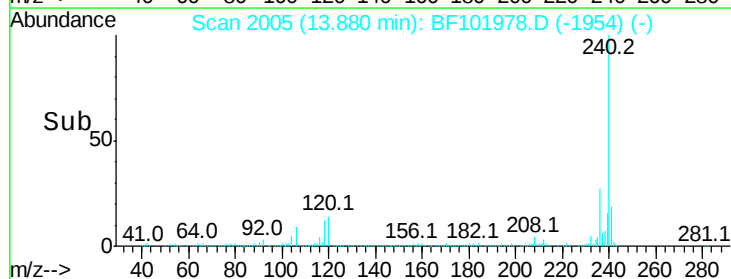
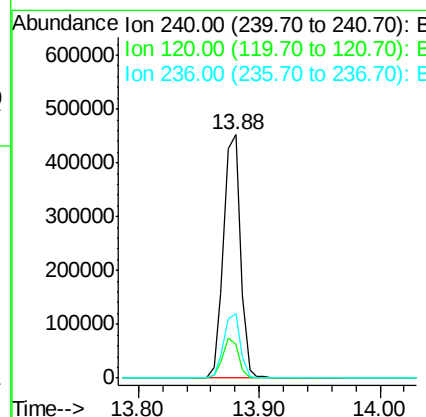
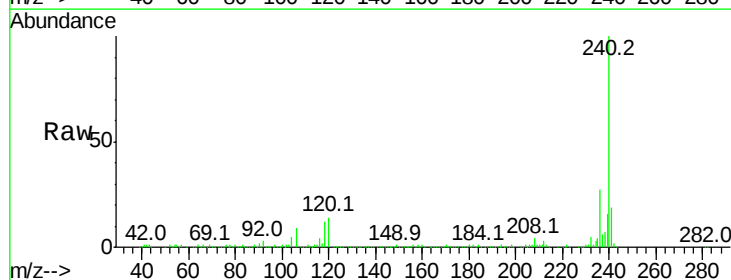
Instrument :
BNA_F
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PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.6	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF101978.D
Acq: 10 Jan 2018 14:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.7	20.7	31.1





#78

Terphenyl-d14

Concen: 92.157 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

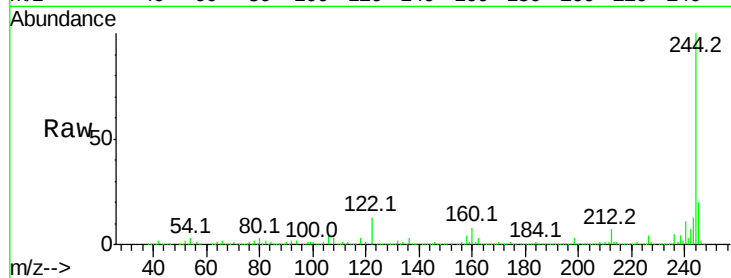
Tot Ion:244 Resp: 1944038

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

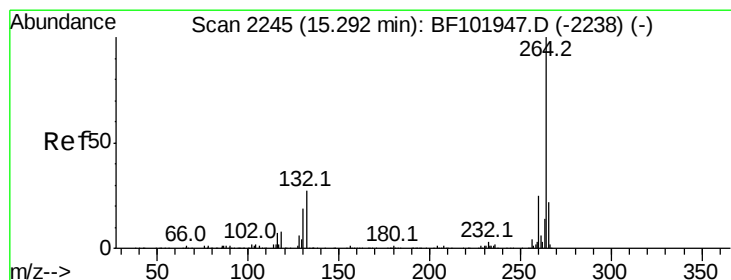
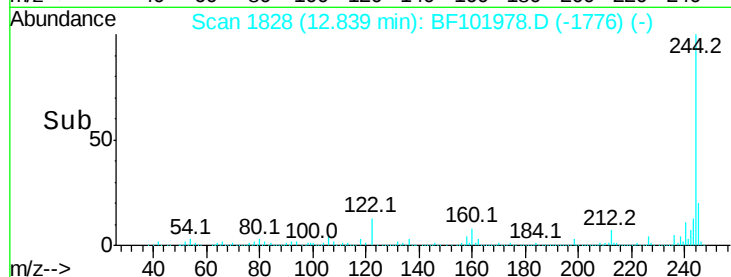
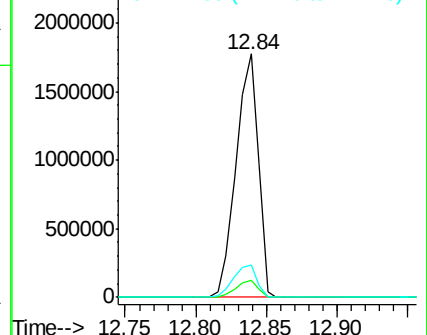
122 13.5 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2246

Delta R.T. 0.01 min

Lab File: BF101978.D

Acq: 10 Jan 2018 14:02

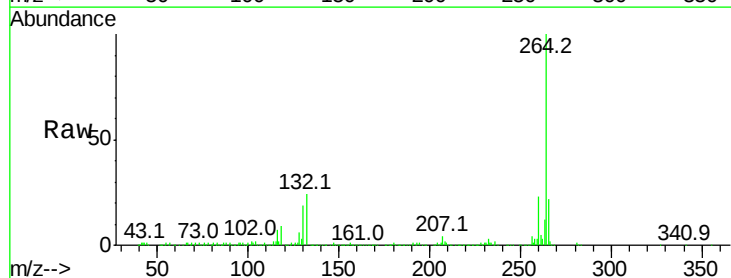
Tgt Ion:264 Resp: 327579

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 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

