

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111994.D
 Acq On : 10 Jan 2019 18:22
 Operator : JU/SJ
 Sample : K1100-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM-D

Quant Time: Jan 11 01:31:51 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

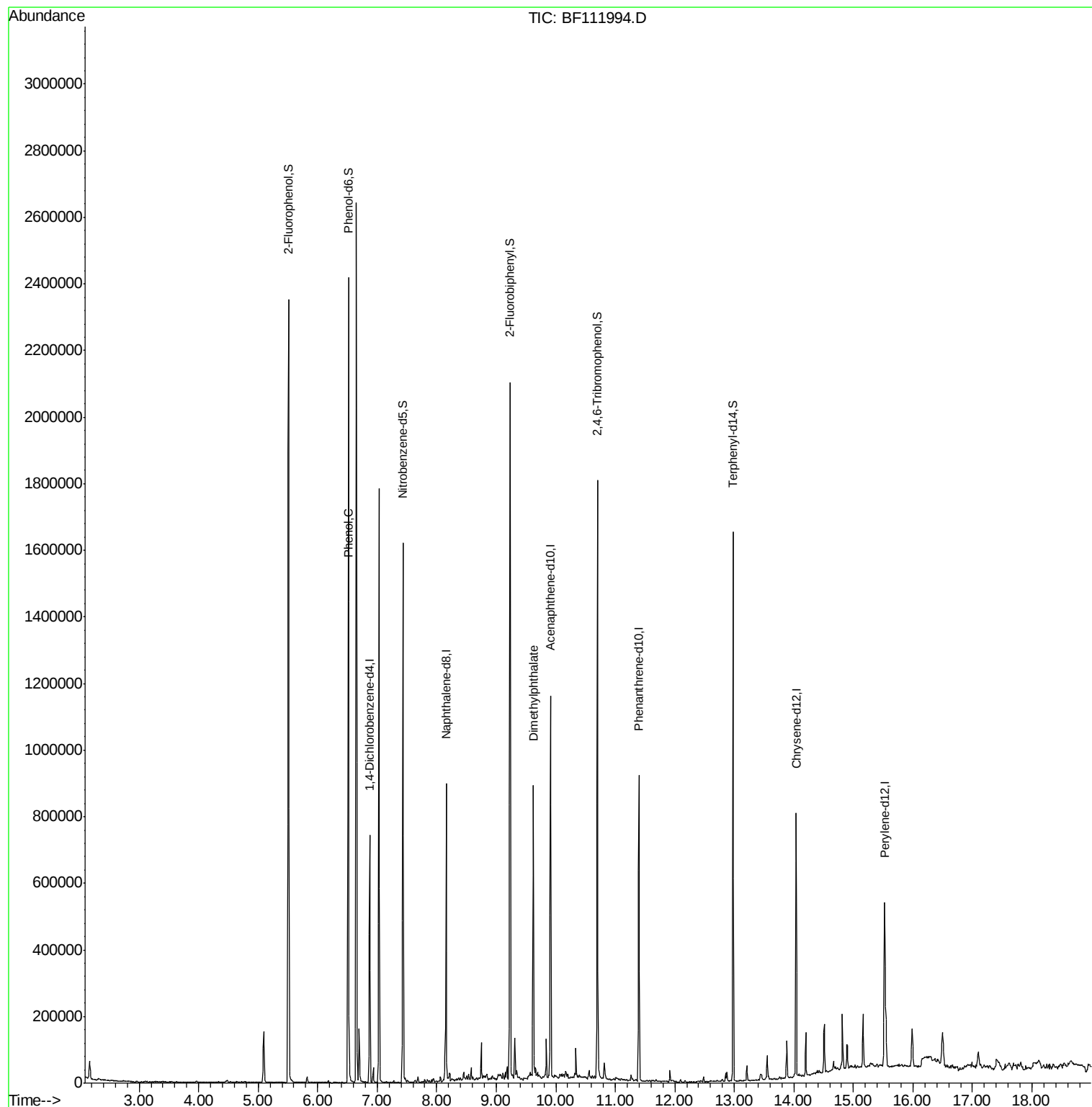
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	98964	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	369006	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	211459	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	310146	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	262461	20.00	ng	-0.02
87) Perylene-d12	15.53	264	242950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	609764	105.41	ng	-0.01
7) Phenol-d6	6.52	99	819298	109.89	ng	-0.02
23) Nitrobenzene-d5	7.43	82	499922	72.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	233717	84.97	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	681446	46.99	ng	-0.02
79) Terphenyl-d14	12.98	244	526056	38.05	ng	-0.02
Target Compounds						
10) Phenol	6.53	94	16982	2.096	ng	79
50) Dimethylphthalate	9.62	163	309238	19.467	ng	99

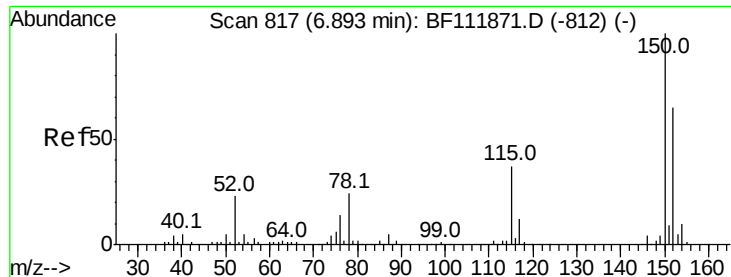
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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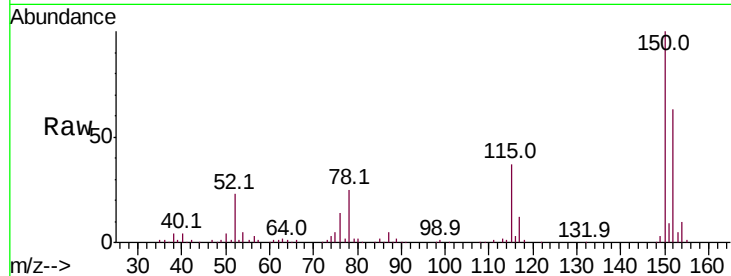


#1

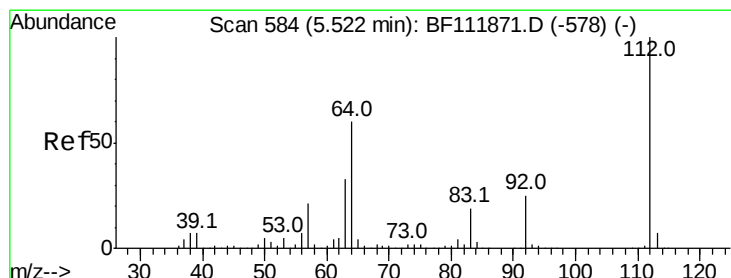
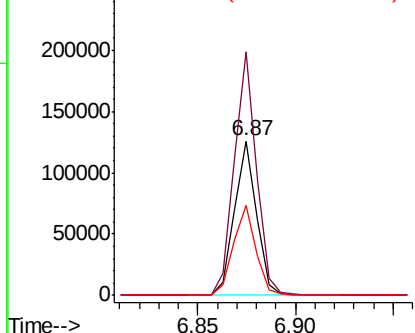
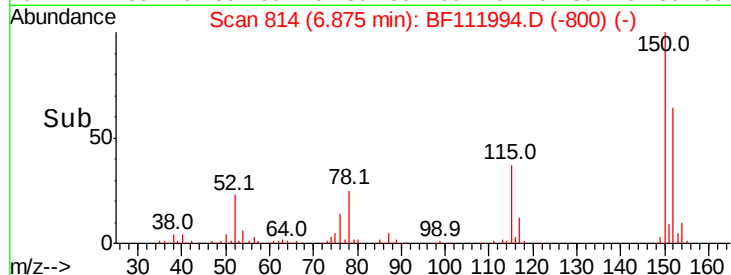
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-D

Tot Ion:152 Resp: 98964
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 58.3 45.2 67.8



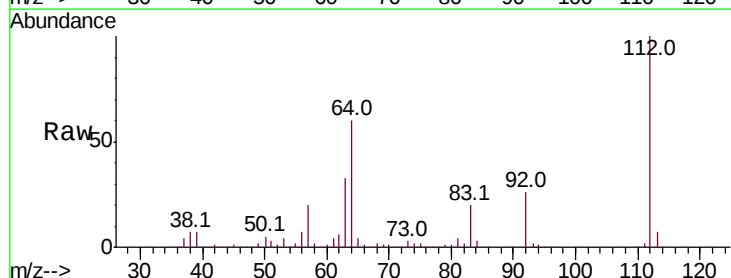
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



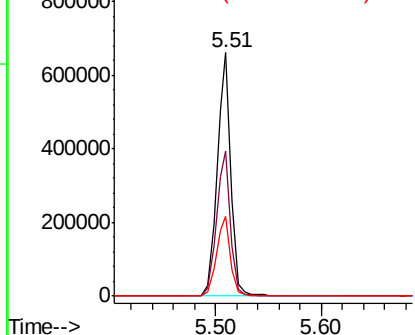
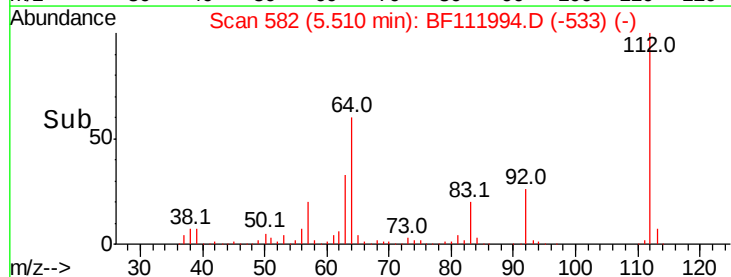
#5

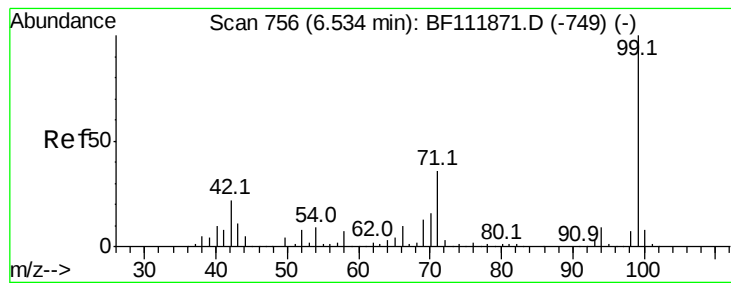
2-Fluorophenol
Concen: 105.411 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:112 Resp: 609764
Ion Ratio Lower Upper
112 100
64 59.6 48.3 72.5
63 32.9 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: 109.889 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-D

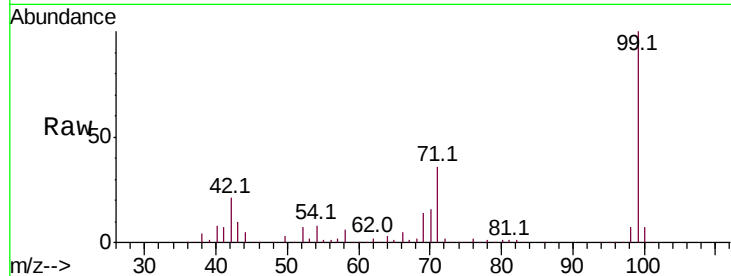
Tot Ion: 99 Resp: 819298

Ion Ratio Lower Upper

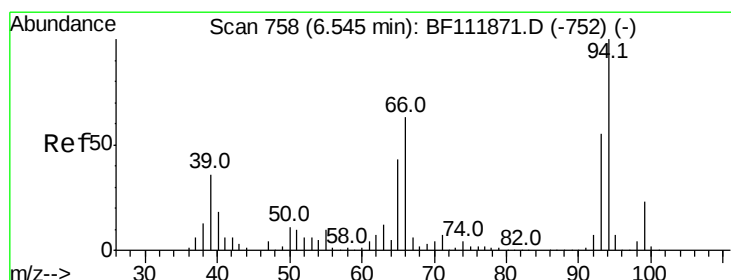
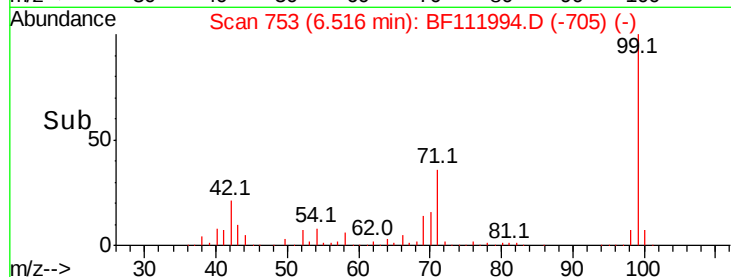
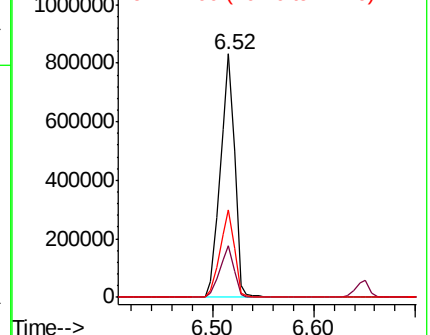
99 100

42 21.0 17.9 26.9

71 35.8 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: 2.096 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

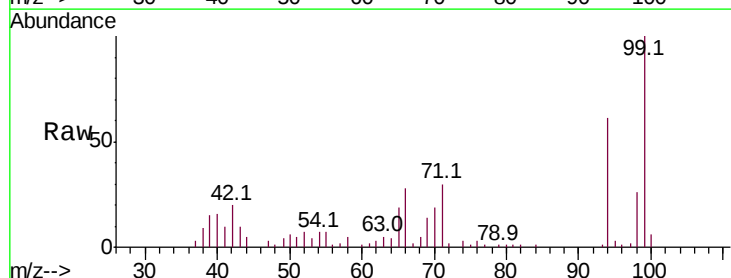
Tgt Ion: 94 Resp: 16982

Ion Ratio Lower Upper

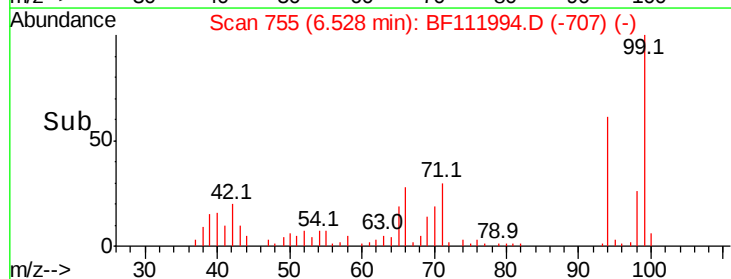
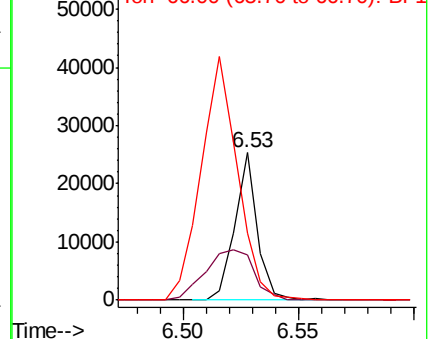
94 100

65 30.8 22.8 62.8

66 45.9 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: BF111994.D

Acq: 10 Jan 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-D

Tot Ion:136 Resp: 369006

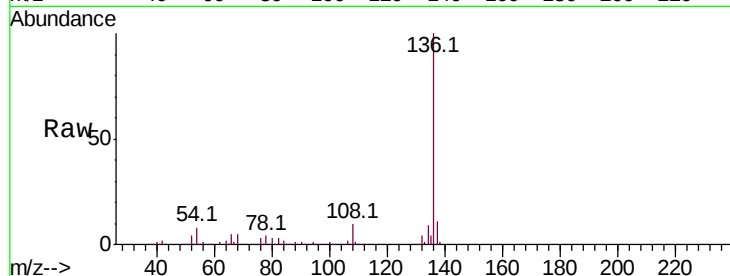
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.7 7.2 10.8

68 5.0 4.4 6.6

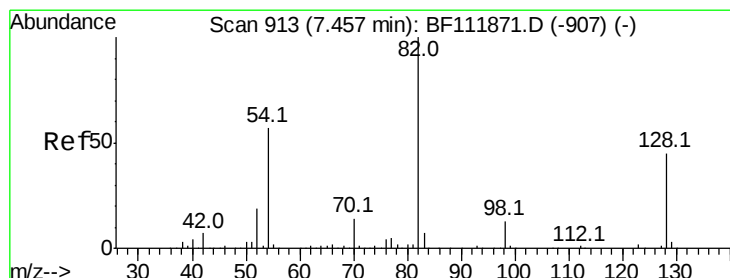
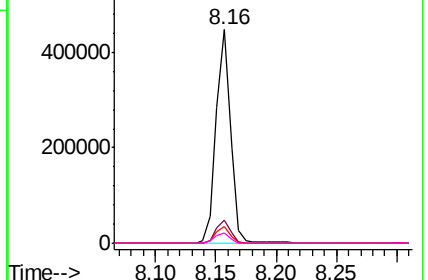
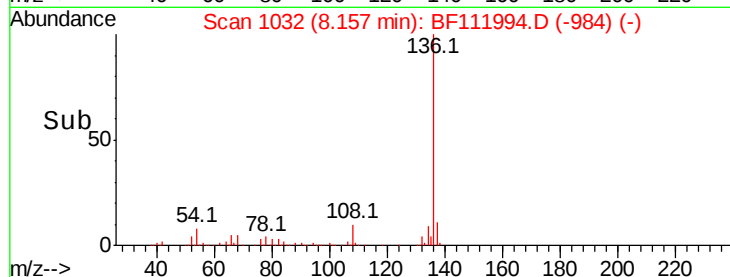


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.407 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

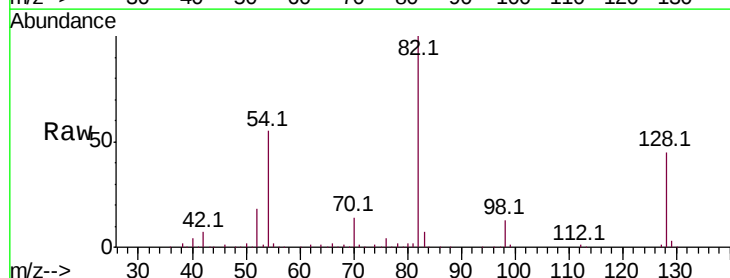
Tgt Ion: 82 Resp: 499922

Ion Ratio Lower Upper

82 100

128 45.0 35.7 53.5

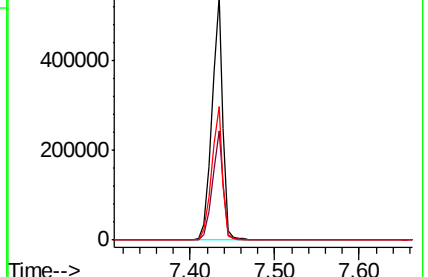
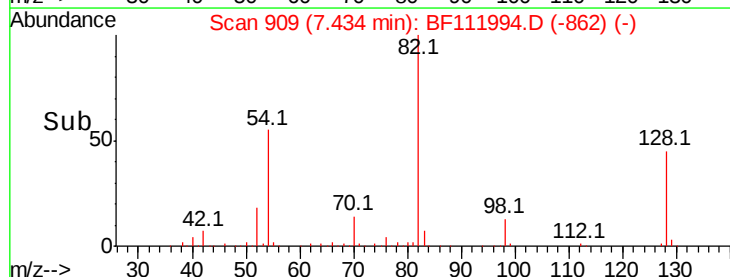
54 54.9 45.8 68.8

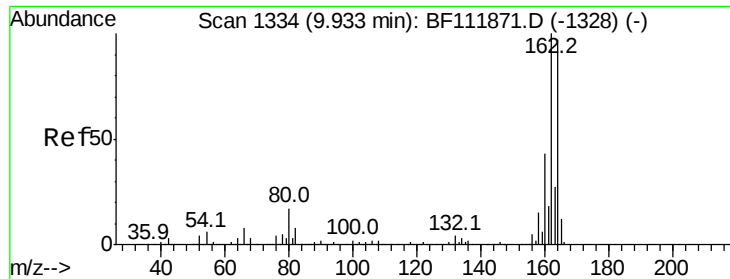


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

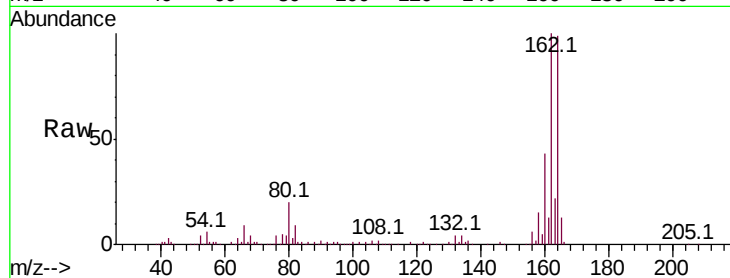




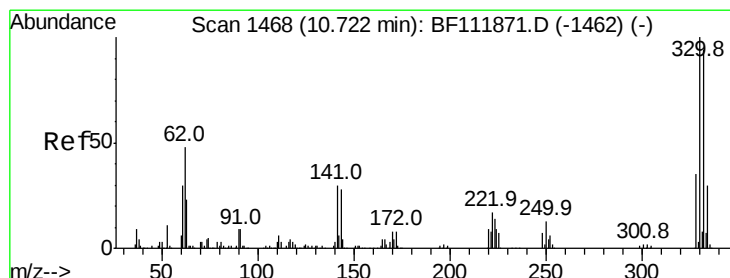
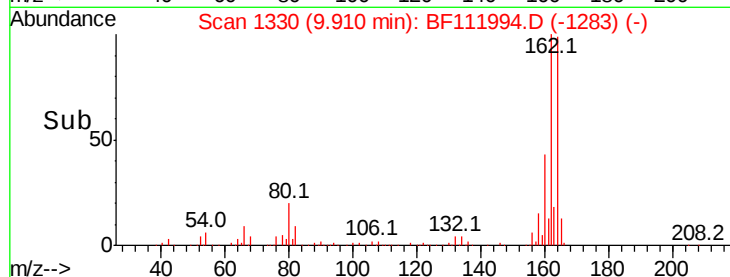
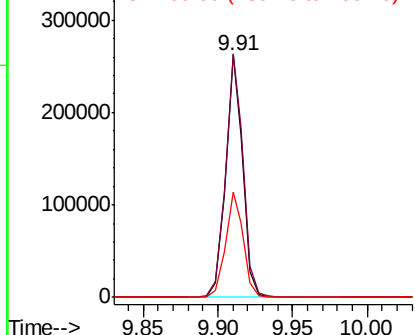
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-D

Tot Ion:164 Resp: 211459
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 43.6 35.5 53.3

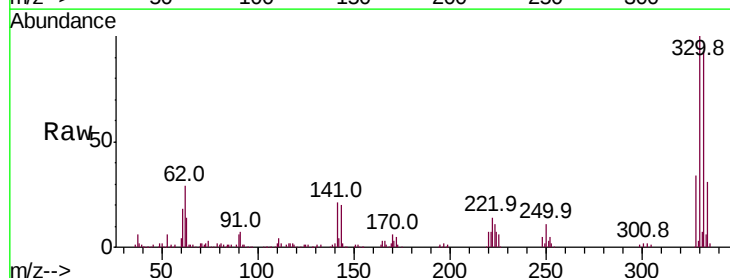


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

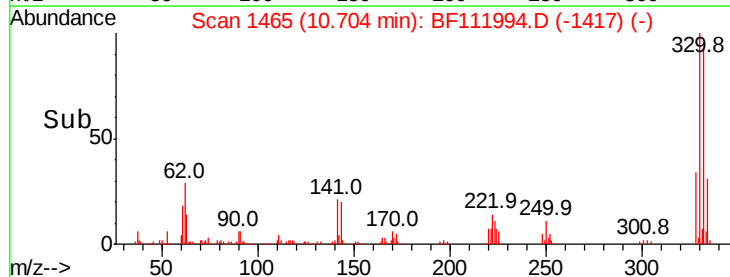
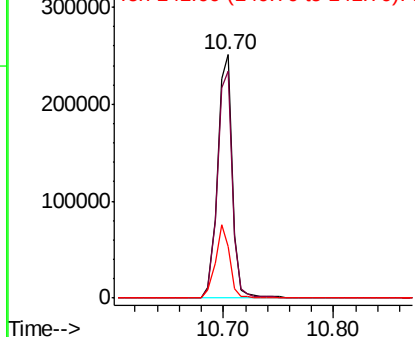


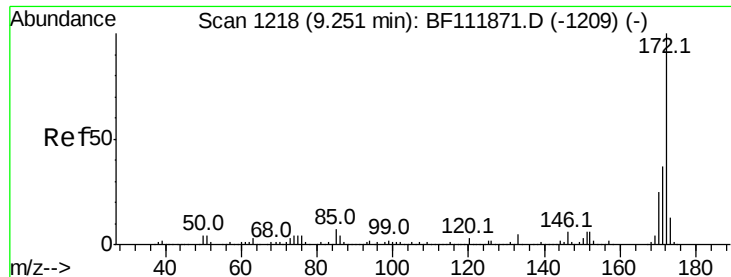
#42
2,4,6-Tribromophenol
Concen: 84.974 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:330 Resp: 233717
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 28.6 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

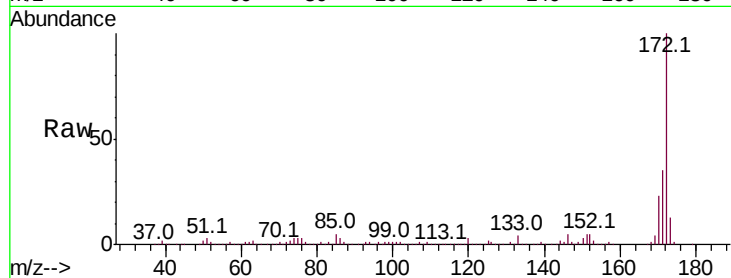




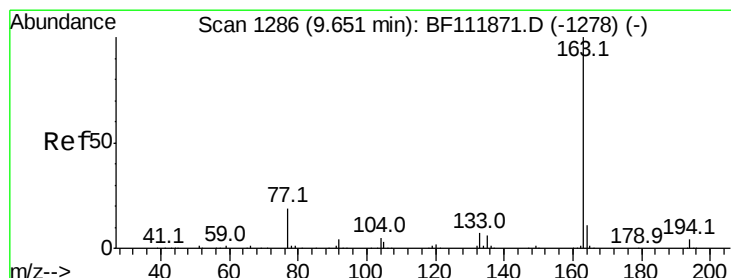
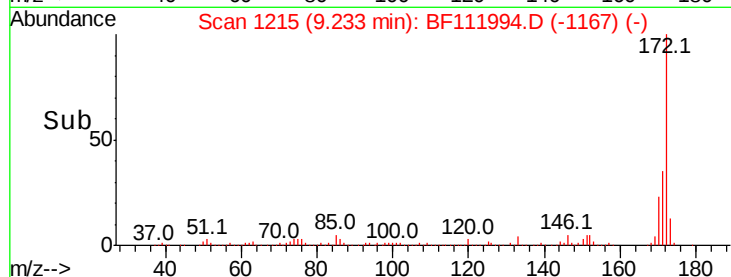
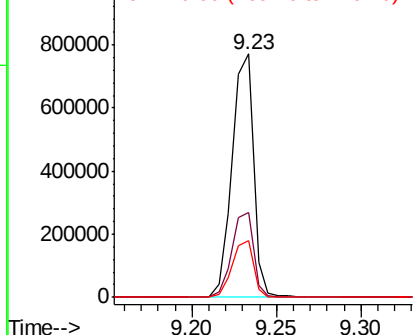
#45
2-Fluorobiphenyl
Concen: 46.992 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUM-D

Tot Ion:172 Resp: 681446
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.3 19.8 29.8

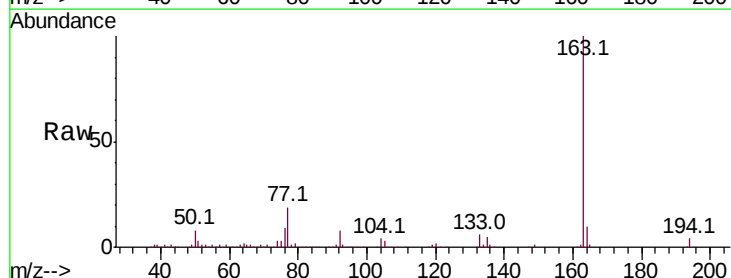


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

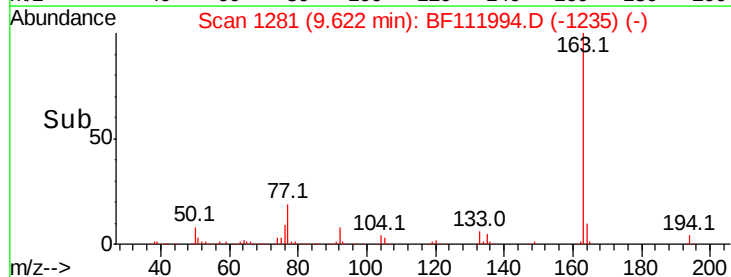
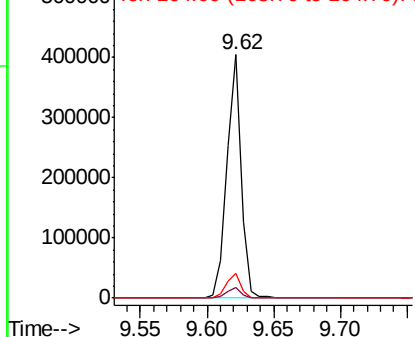


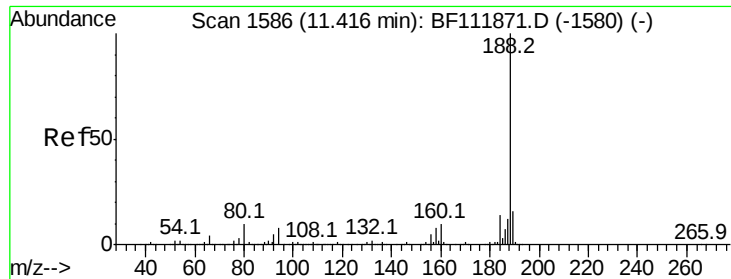
#50
Dimethylphthalate
Concen: 19.467 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:163 Resp: 309238
Ion Ratio Lower Upper
163 100
194 4.2 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

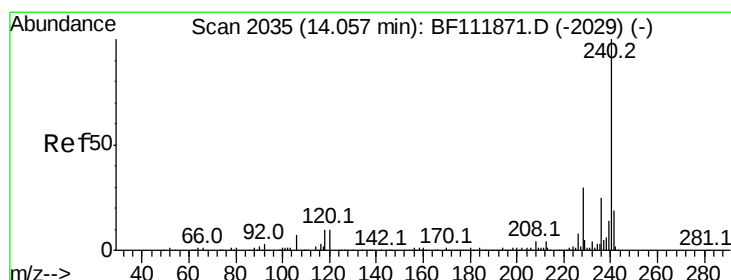
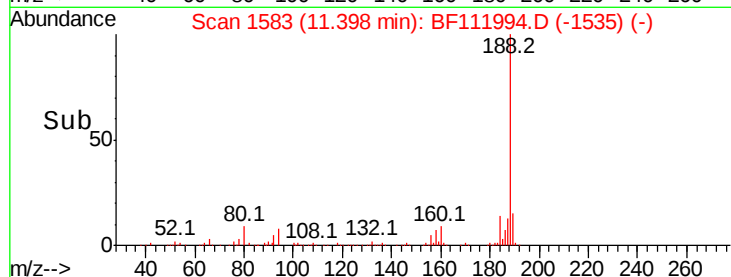
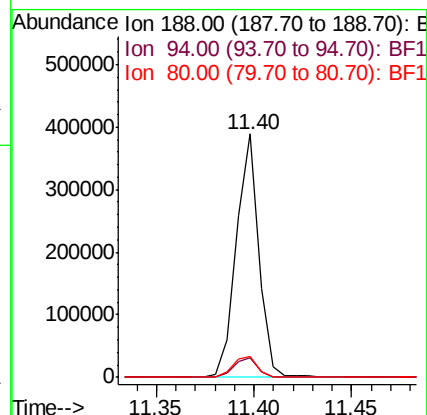
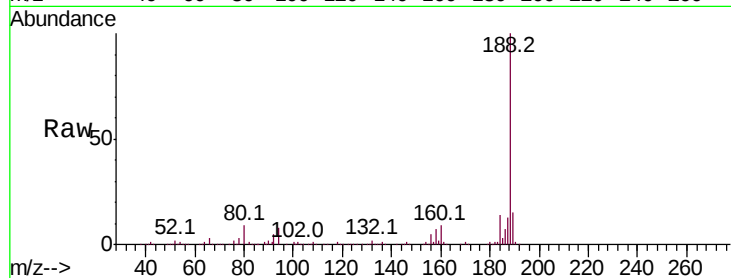




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

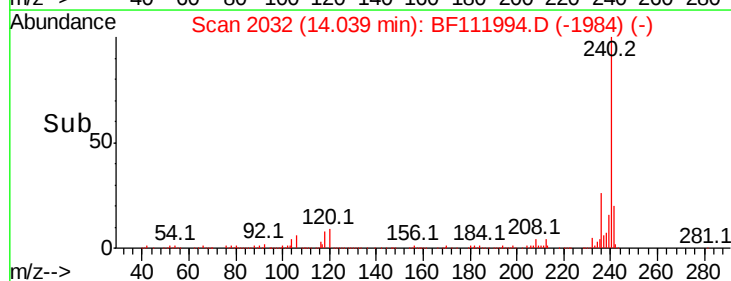
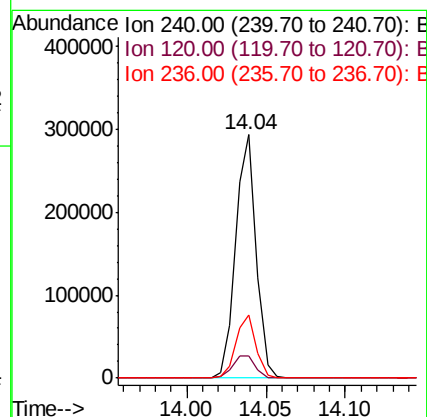
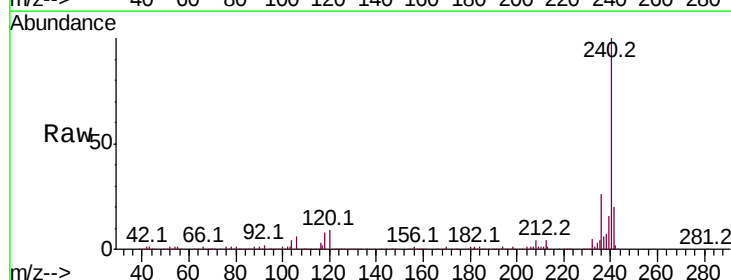
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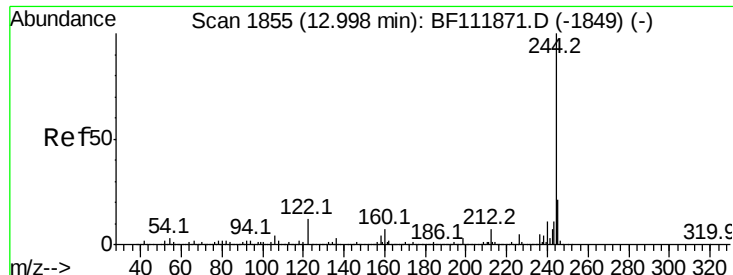
Tot Ion:188 Resp: 310146
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 8.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.02 min
Lab File: BF111994.D
Acq: 10 Jan 2019 18:22

Tgt Ion:240 Resp: 262461
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.2
236 26.0 20.2 30.4





#79

Terphenyl-d14

Concen: 38.046 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUM-D

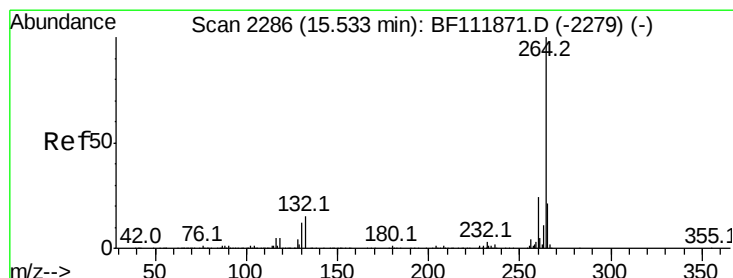
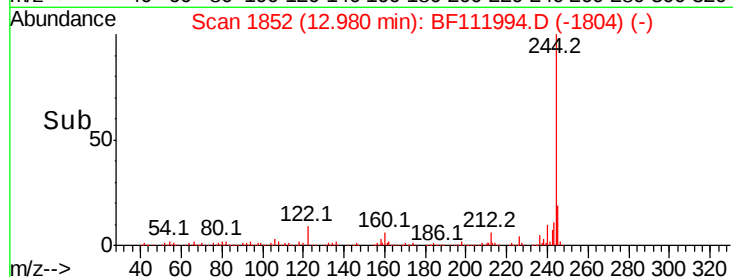
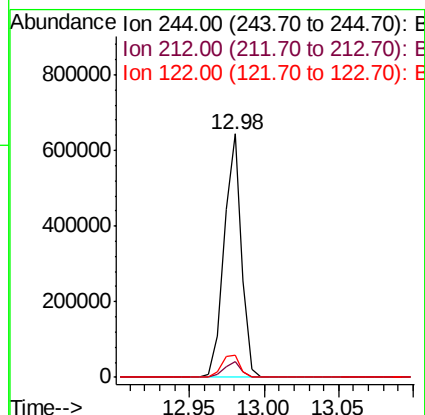
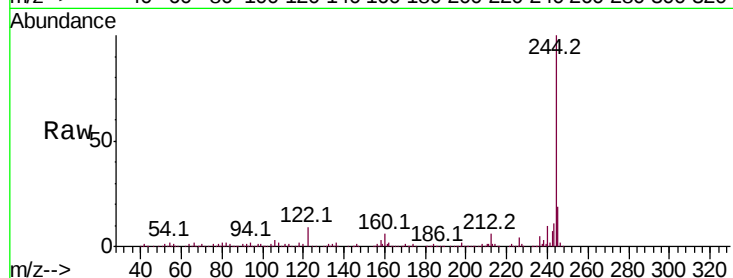
Tot Ion:244 Resp: 526056

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

122 9.0 9.5 14.3#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BF111994.D

Acq: 10 Jan 2019 18:22

Tgt Ion:264 Resp: 242950

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.8 17.1 25.7

