

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113888.D
 Acq On : 22 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2485-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Apr 23 04:42:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

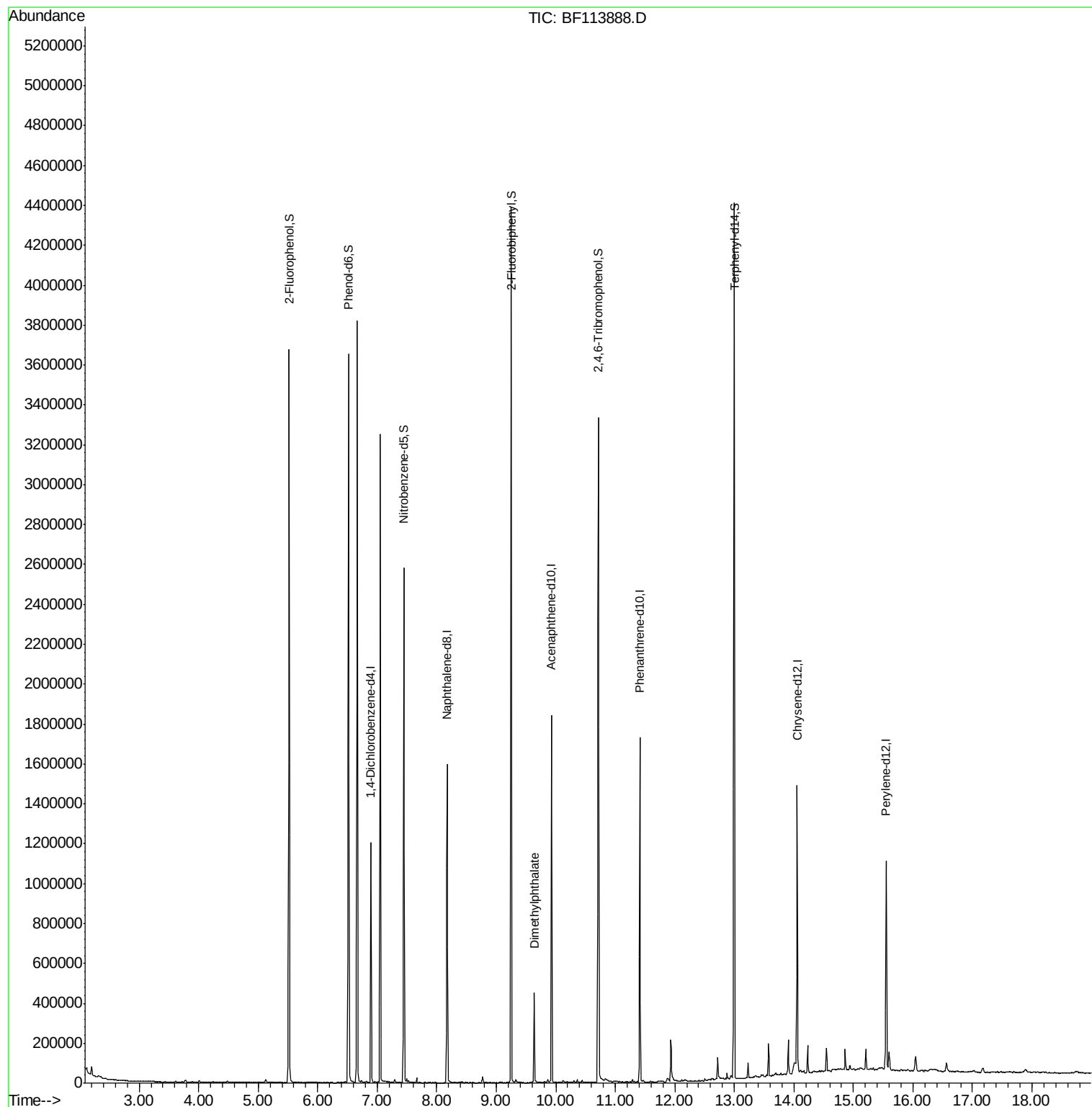
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	179129	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	682944	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	353852	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	669130	20.00	ng	0.00
76) Chrysene-d12	14.06	240	482794	20.00	ng	-0.01
87) Perylene-d12	15.55	264	509226	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1103475	105.36	ng	0.00
7) Phenol-d6	6.52	99	1432411	109.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	869290	78.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	466634	108.25	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1343347	59.38	ng	0.00
79) Terphenyl-d14	13.00	244	1528217	64.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	181322	7.085	ng	Qvalue 98

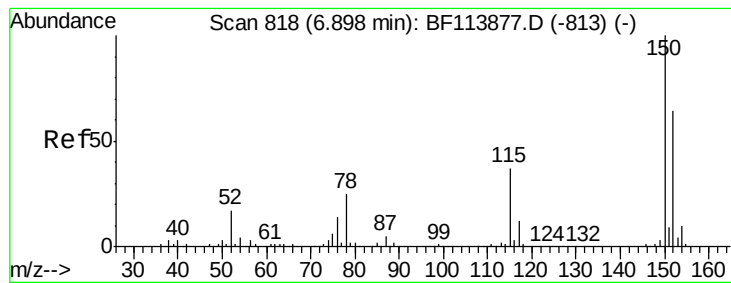
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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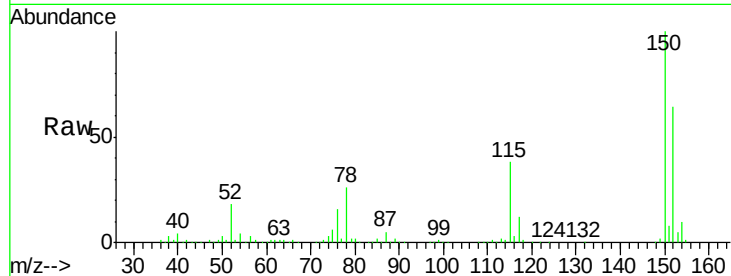


#1

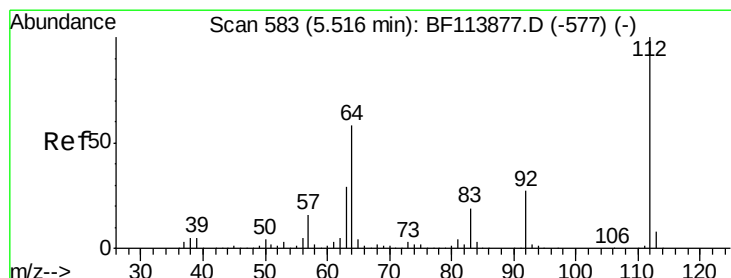
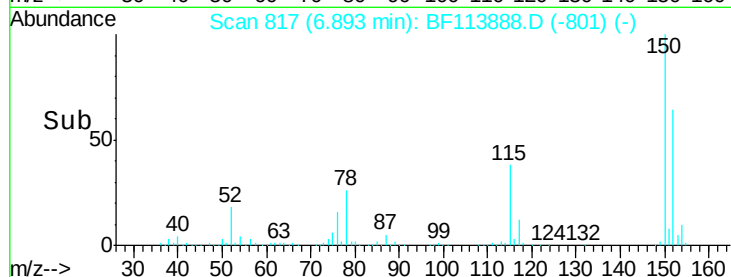
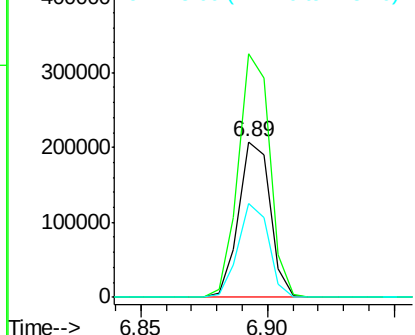
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 179129
Ion Ratio Lower Upper
152 100
150 156.8 125.9 188.9
115 60.3 45.9 68.9



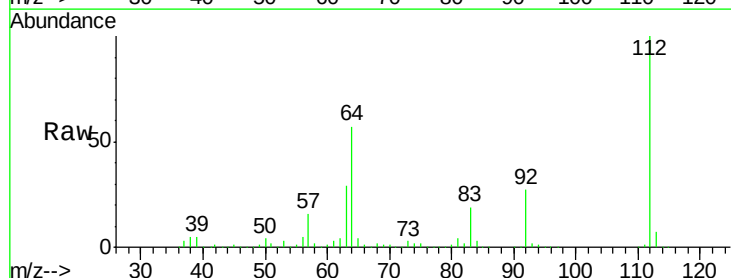
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



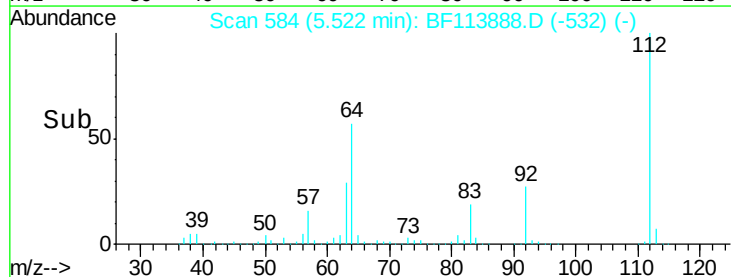
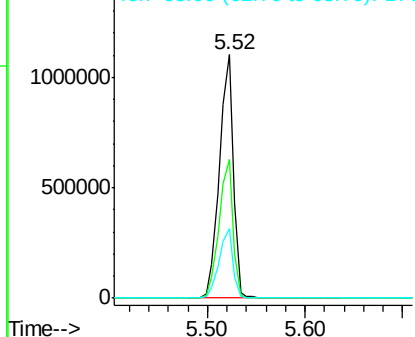
#5

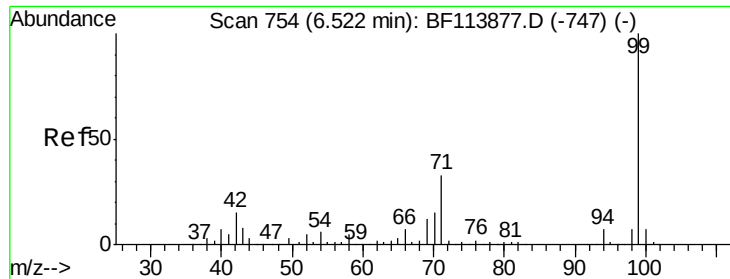
2-Fluorophenol
Concen: 105.362 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion:112 Resp: 1103475
Ion Ratio Lower Upper
112 100
64 57.1 46.6 69.8
63 28.7 23.1 34.7



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: 109.013 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

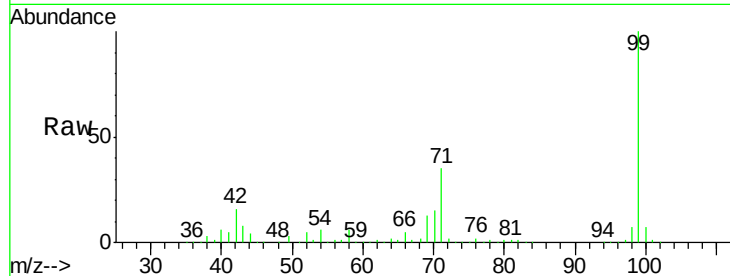
Tgt Ion: 99 Resp: 1432411

Ion Ratio Lower Upper

99 100

42 15.7 12.5 18.7

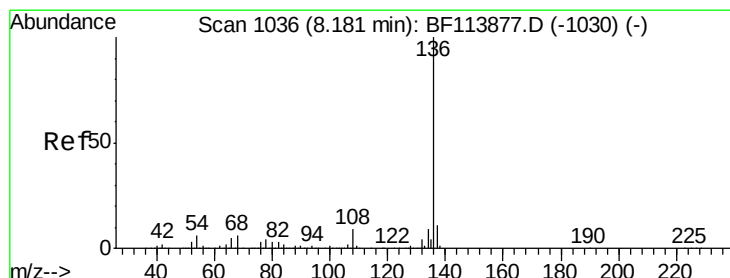
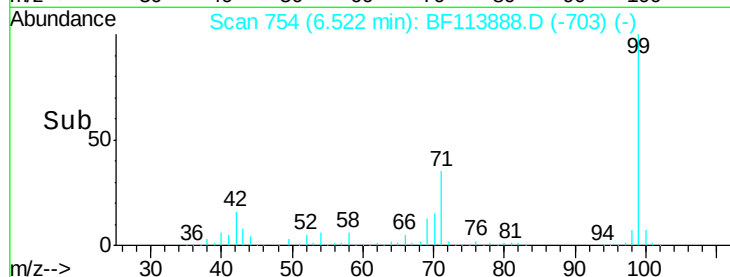
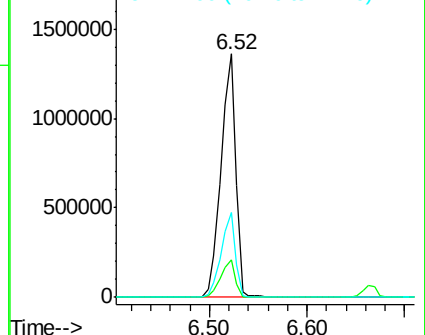
71 34.7 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

Tgt Ion: 136 Resp: 682944

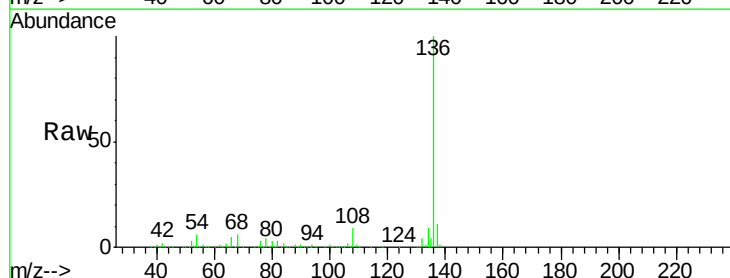
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.3 5.0 7.6

68 6.2 4.9 7.3

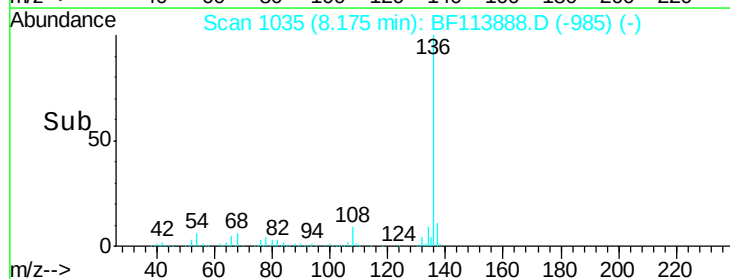
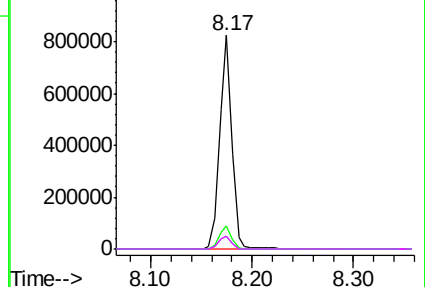


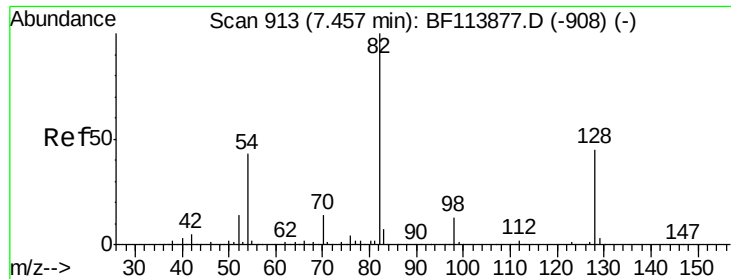
Abundance Ion 136.00 (135.70 to 136.70): E

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

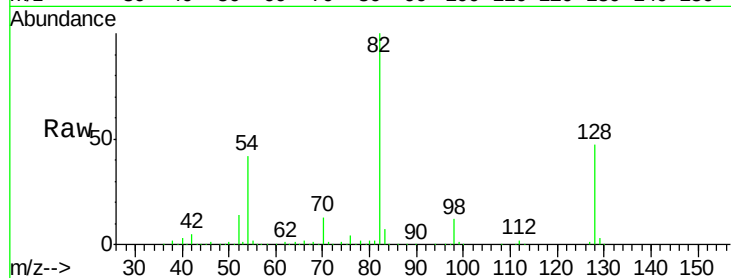




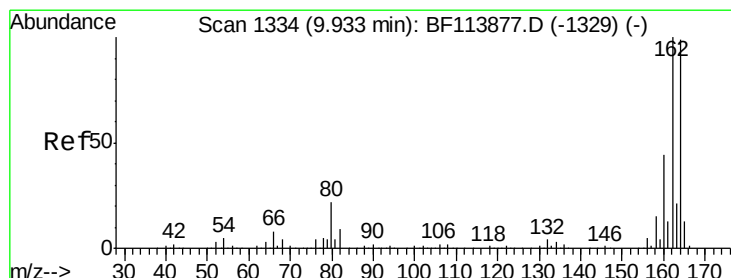
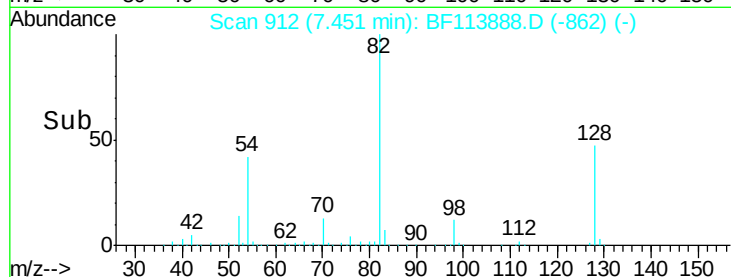
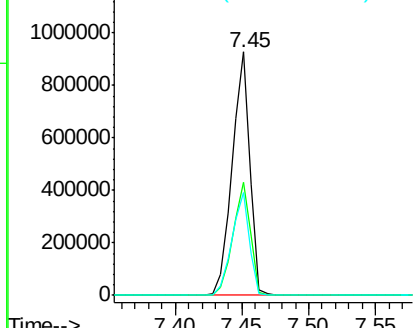
#23
Nitrobenzene-d5
Concen: 78.591 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.8	55.2
54	42.1	33.8	50.6

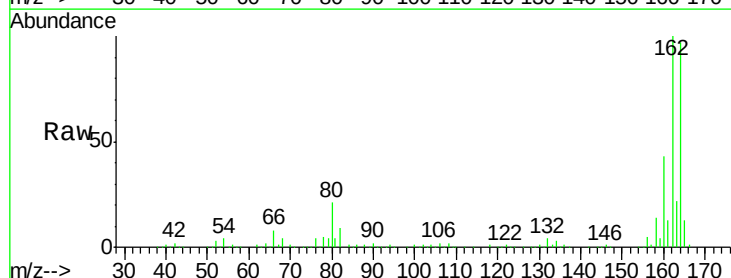


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

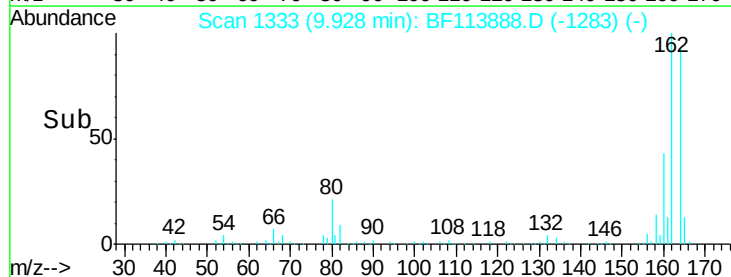
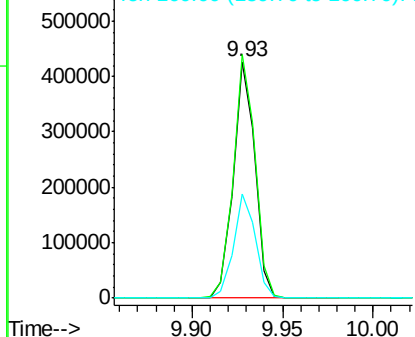


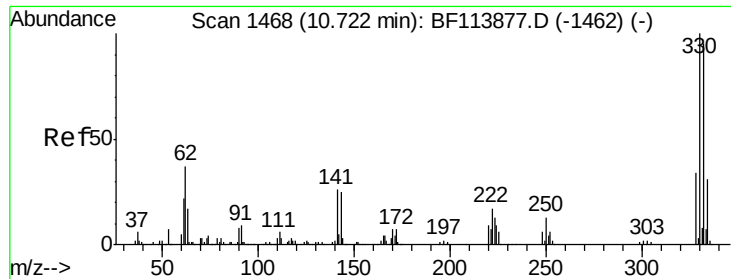
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113888.D
Acq: 22 Apr 2019 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.1	121.7
160	43.9	35.8	53.6



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

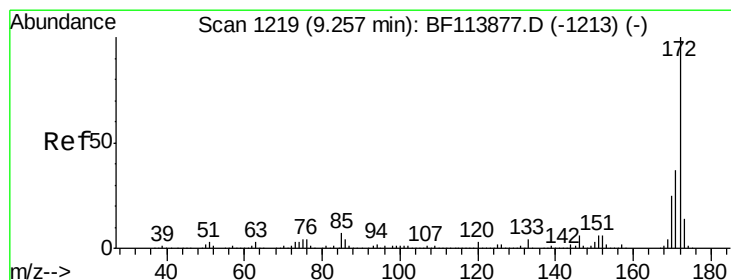
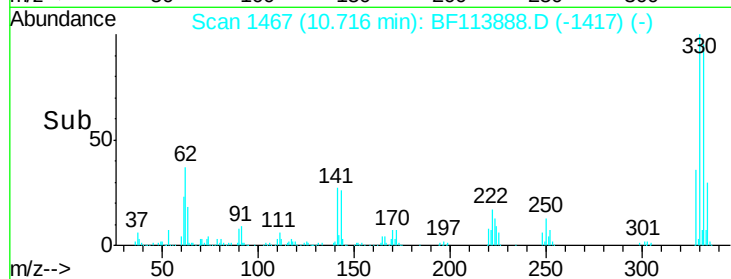
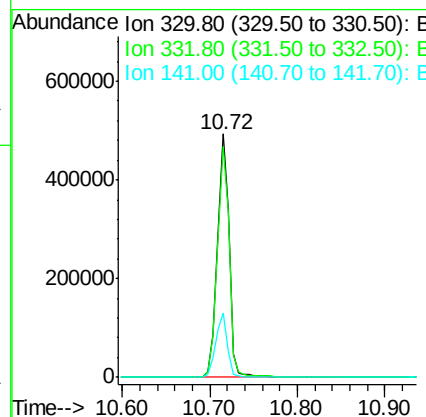
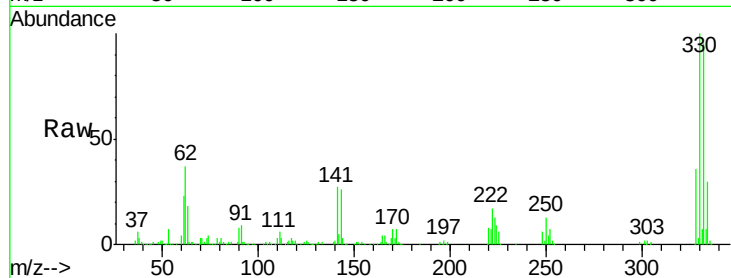




#42
 2,4,6-Tribromophenol
 Concen: 108.252 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113888.D
 Acq: 22 Apr 2019 20:05

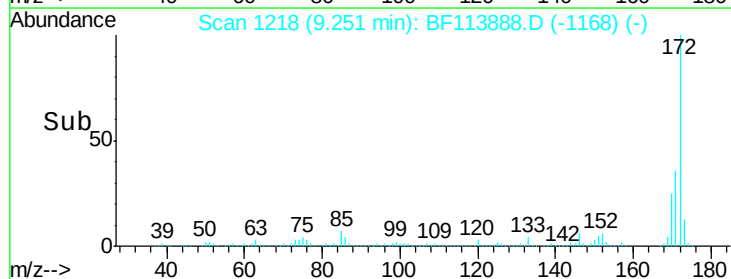
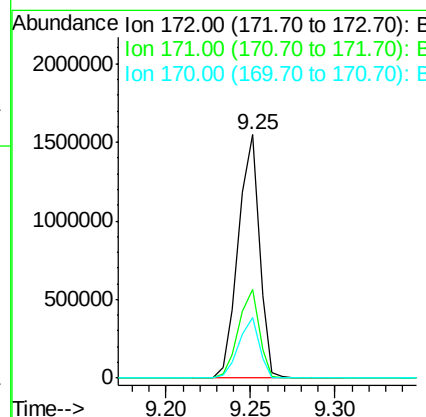
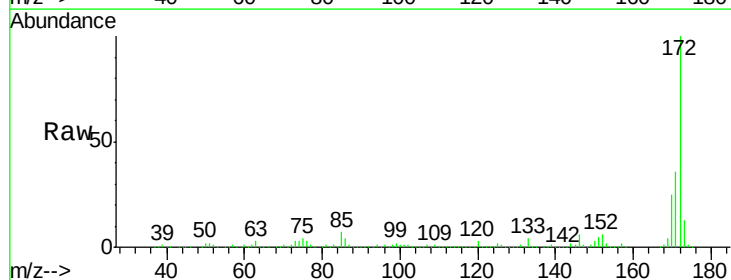
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS

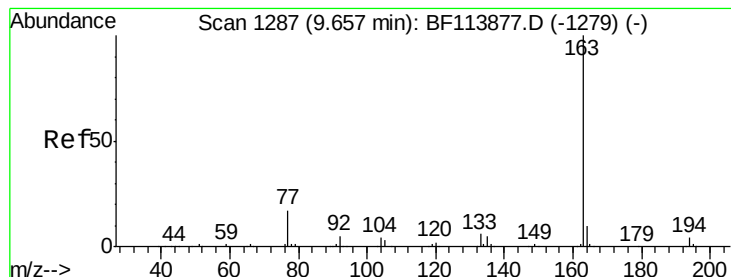
Tgt Ion:330 Resp: 466634
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.5 116.3
 141 25.9 22.2 33.2



#45
 2-Fluorobiphenyl
 Concen: 59.376 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113888.D
 Acq: 22 Apr 2019 20:05

Tgt Ion:172 Resp: 1343347
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 19.9 29.9





#50

Dimethylphthalate

Concen: 7.085 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

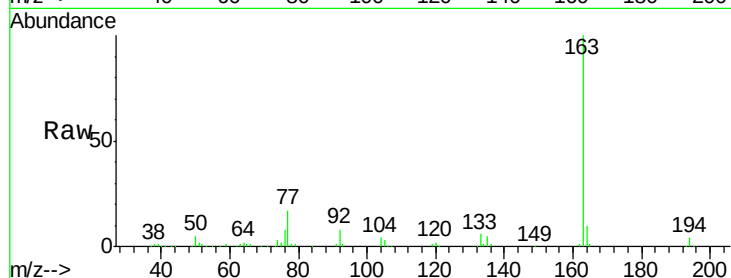
Tgt Ion:163 Resp: 181322

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

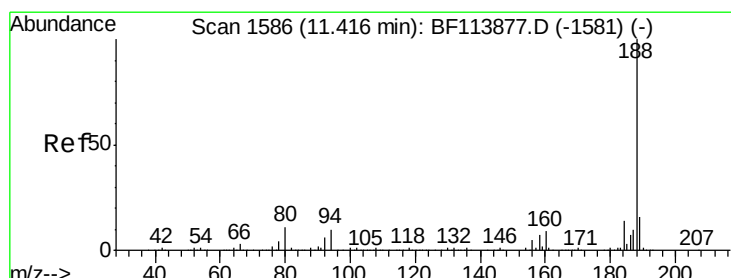
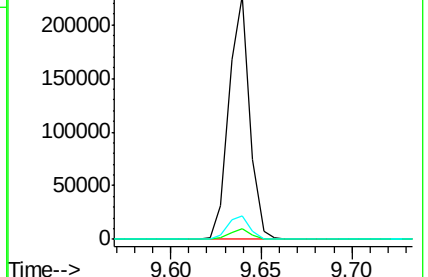
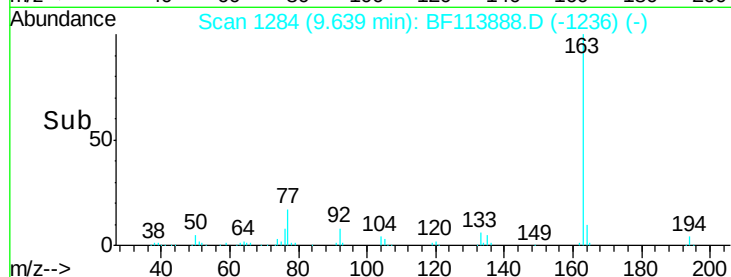
164 9.6 8.5 12.7



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: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

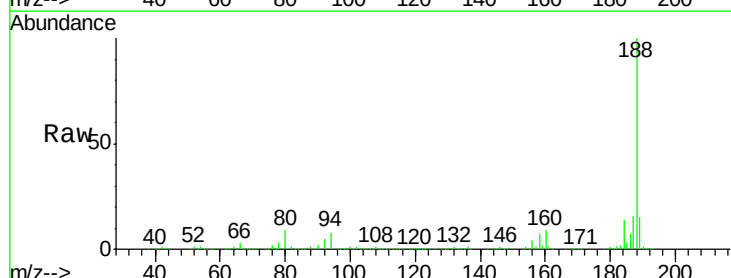
Tgt Ion:188 Resp: 669130

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

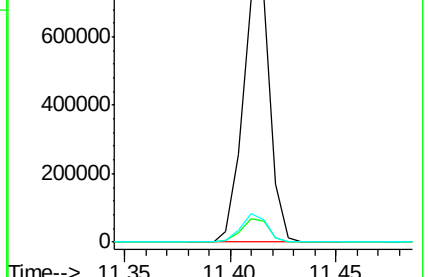
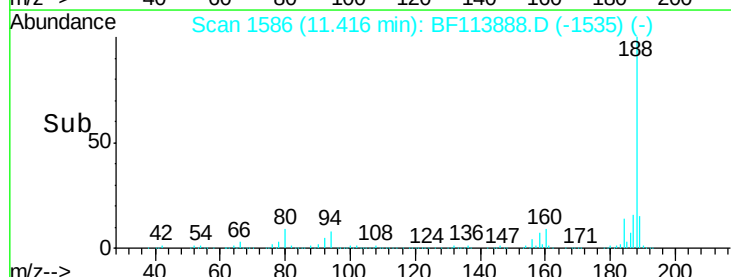
80 9.1 9.0 13.6

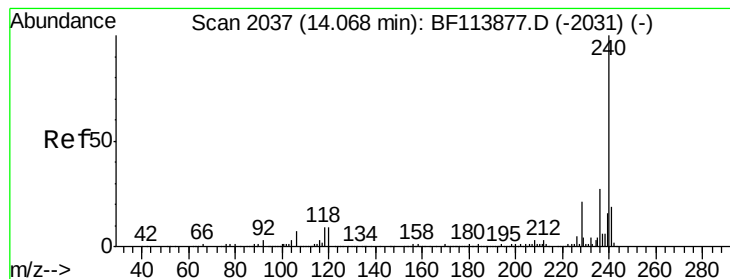


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

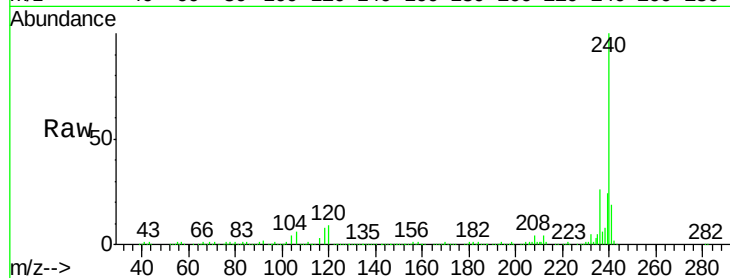
Tgt Ion:240 Resp: 482794

Ion Ratio Lower Upper

240 100

120 8.9 9.3 13.9#

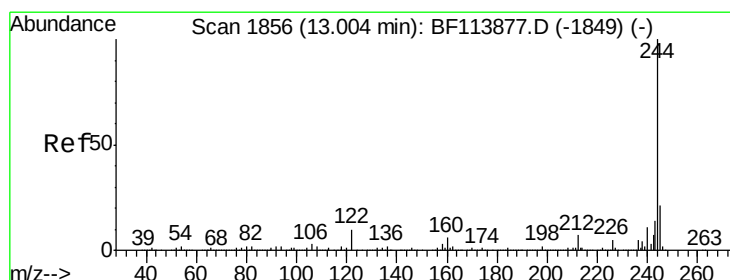
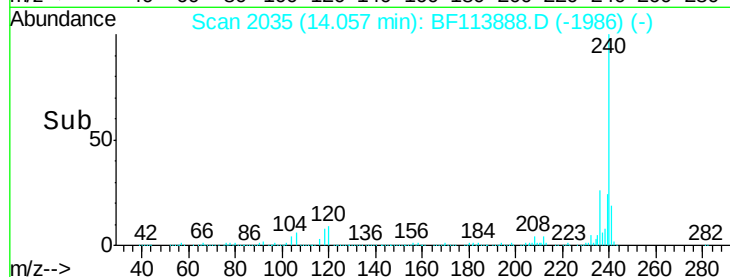
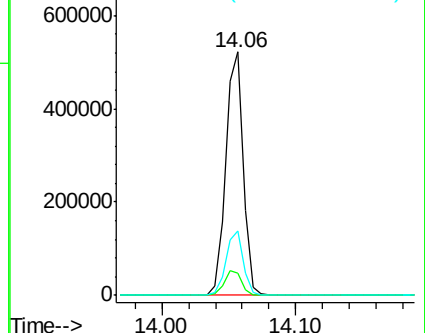
236 26.5 21.2 31.8



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



#79

Terphenyl-d14

Concen: 64.894 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

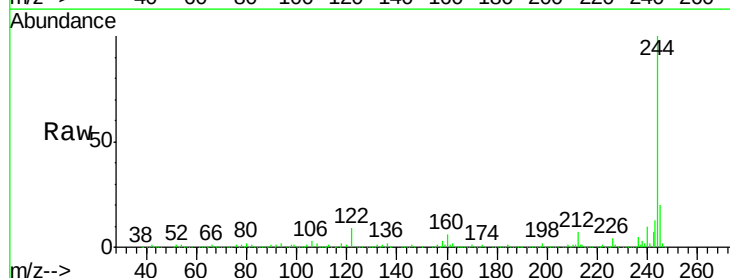
Tgt Ion:244 Resp: 1528217

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

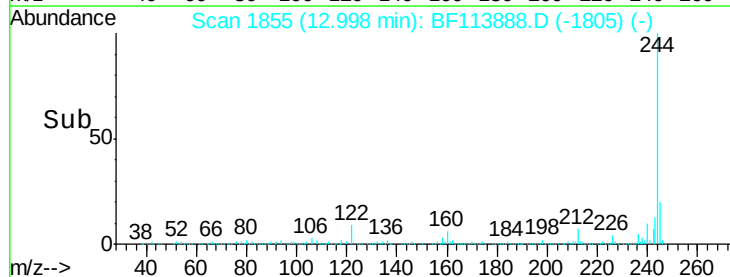
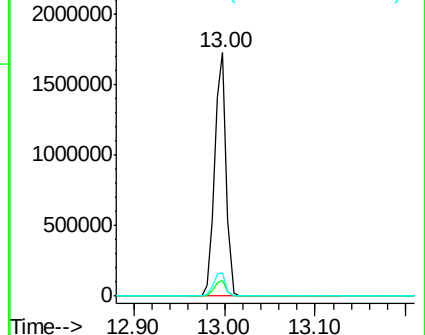
122 9.4 7.6 11.4

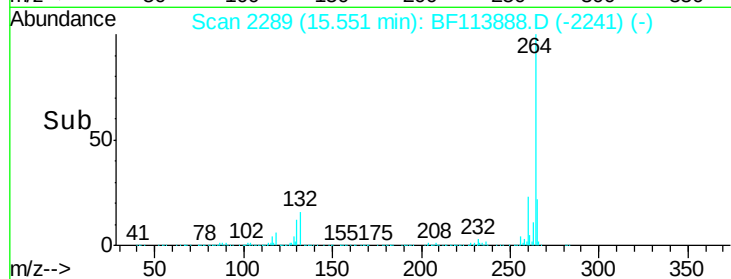
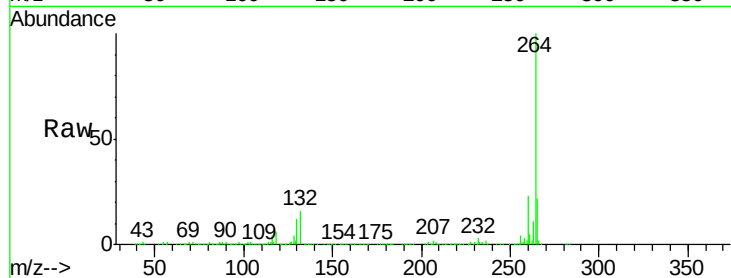
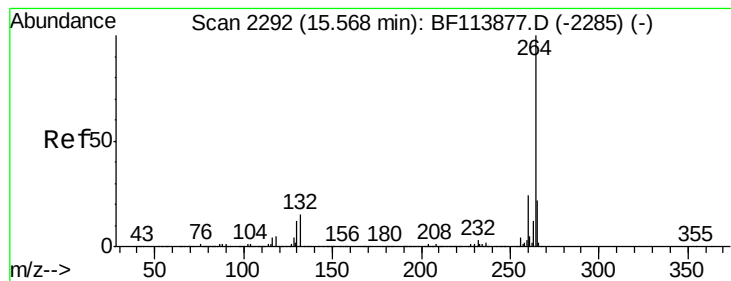


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113888.D

Acq: 22 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS

Tgt Ion: 264 Resp: 509226

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.3 25.9

