

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113945.D
 Acq On : 24 Apr 2019 3:13
 Operator : JU/SJ
 Sample : K2518-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

Quant Time: Apr 24 07:50:41 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

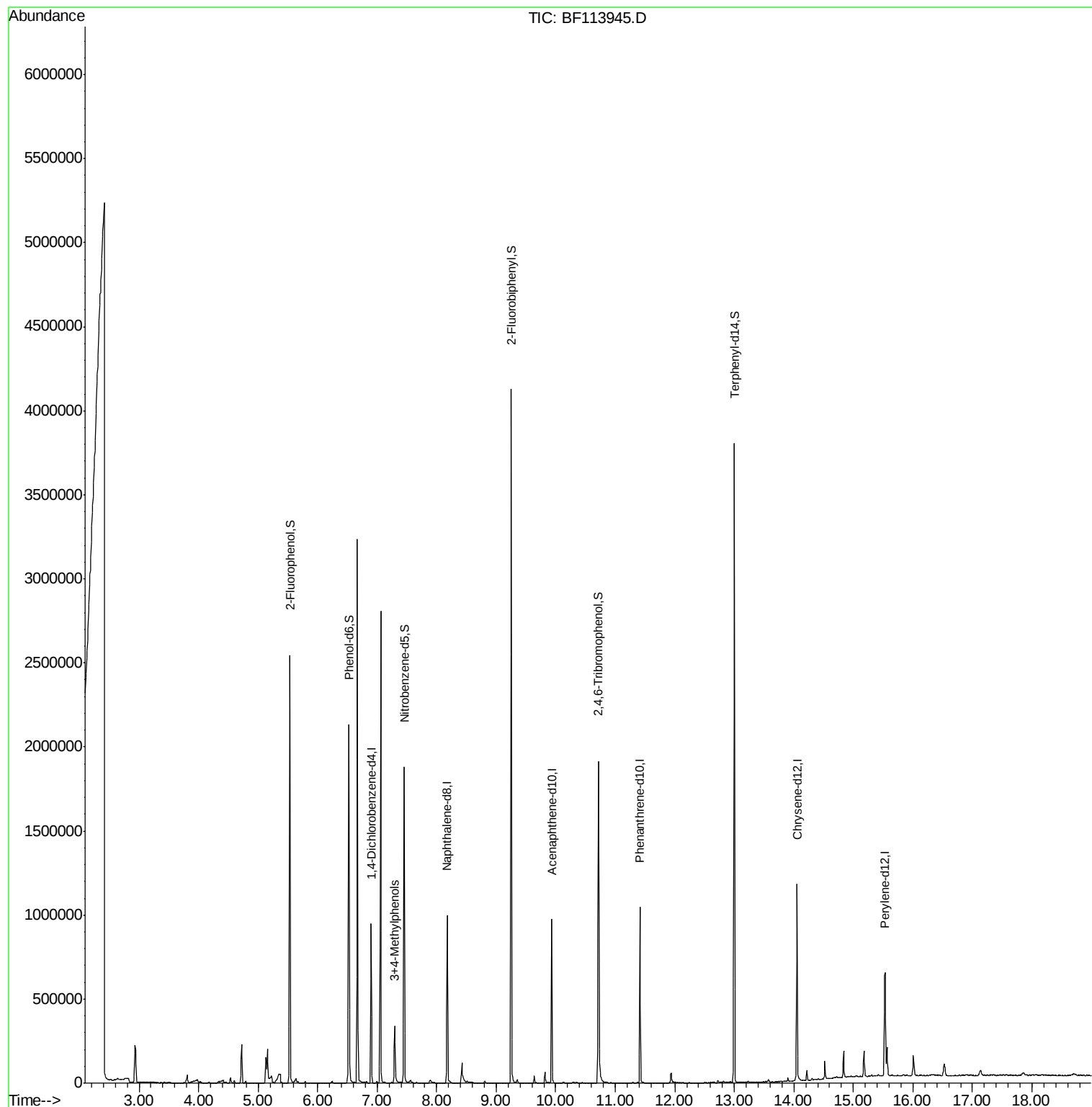
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131503	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	468286	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	213932	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	372279	20.00	ng	0.00
76) Chrysene-d12	14.05	240	362155	20.00	ng	-0.02
87) Perylene-d12	15.53	264	316031	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	775347	100.84	ng	0.02
7) Phenol-d6	6.53	99	872920	90.49	ng	0.00
23) Nitrobenzene-d5	7.46	82	700268	92.33	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	307334	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1299854	95.03	ng	0.00
79) Terphenyl-d14	13.00	244	1468246	83.12	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.29	107	117953	13.568	ng	Qvalue # 73

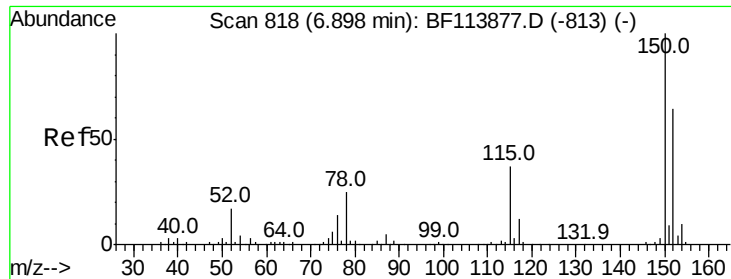
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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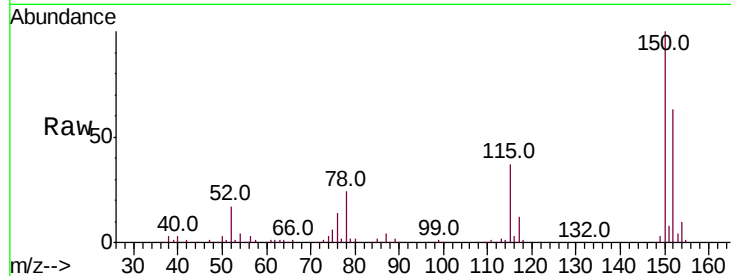


#1

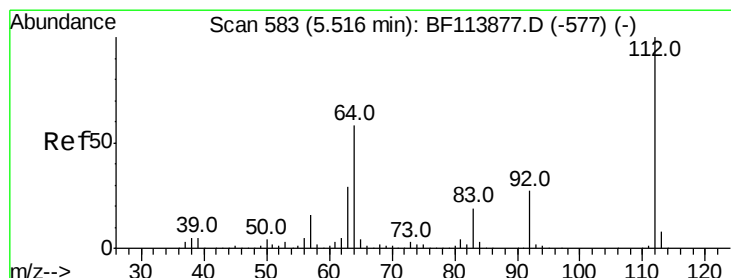
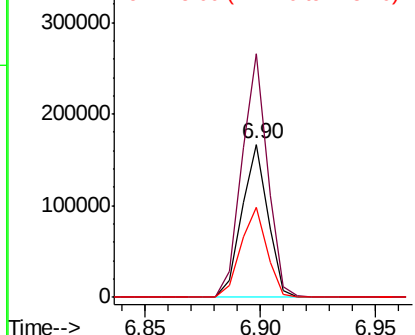
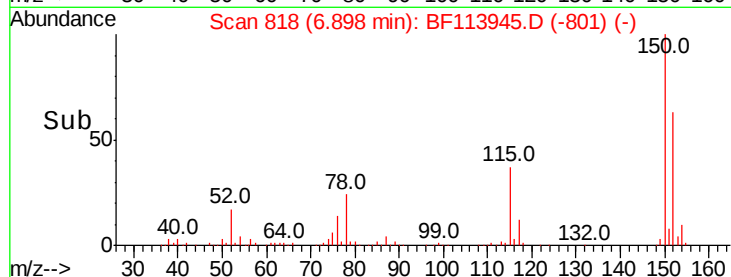
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113945.D
Acq: 24 Apr 2019 3:13

Instrument :
BNA_F
ClientSampleId :
MUDDY-SOIL

Tot Ion:152 Resp: 131503
Ion Ratio Lower Upper
152 100
150 159.2 125.9 188.9
115 59.1 45.9 68.9



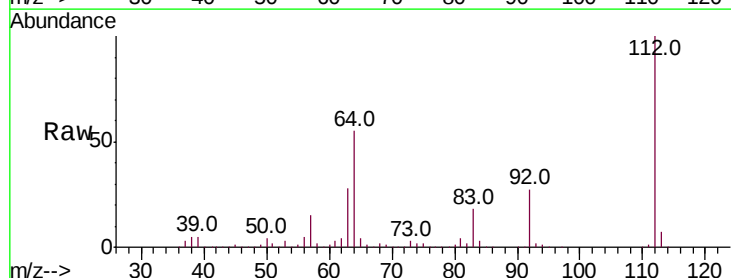
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



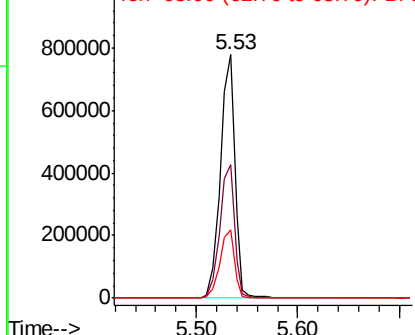
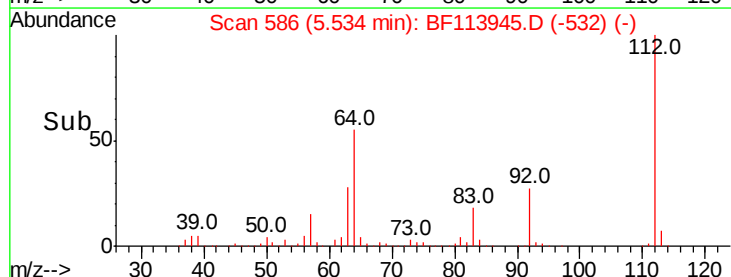
#5

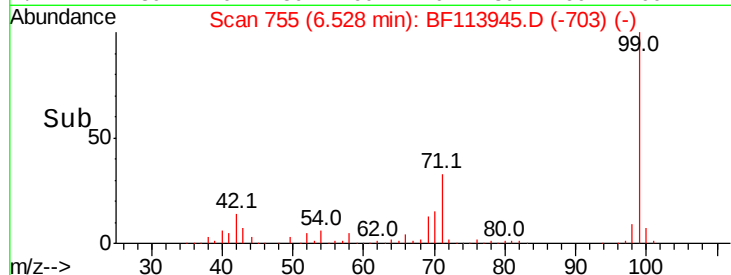
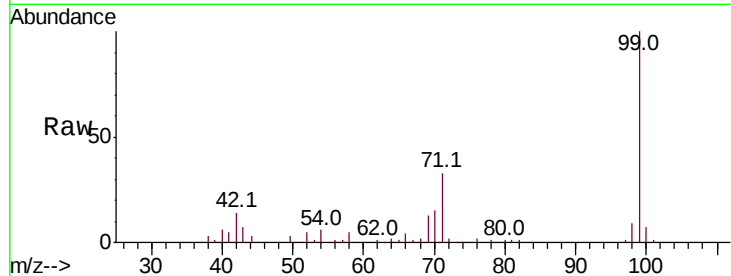
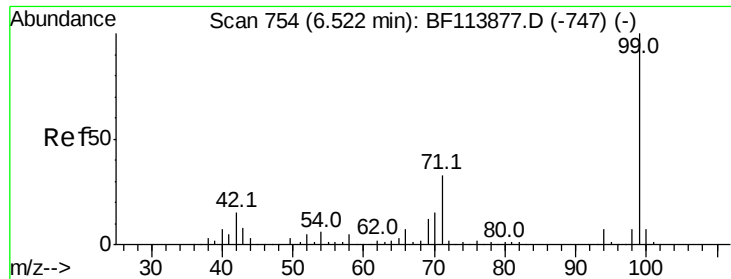
2-Fluorophenol
Concen: 100.843 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF113945.D
Acq: 24 Apr 2019 3:13

Tgt Ion:112 Resp: 775347
Ion Ratio Lower Upper
112 100
64 54.8 46.6 69.8
63 27.8 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: 90.493 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

Instrument :

BNA_F

ClientSampleId :

MUDDY-SOIL

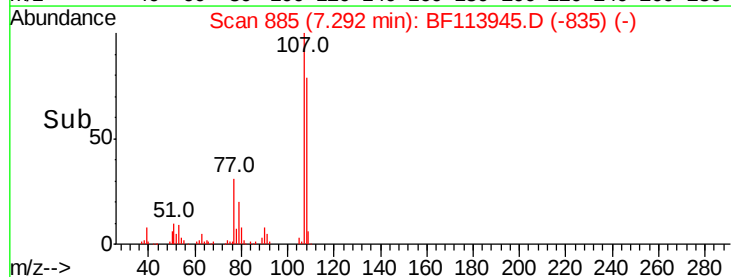
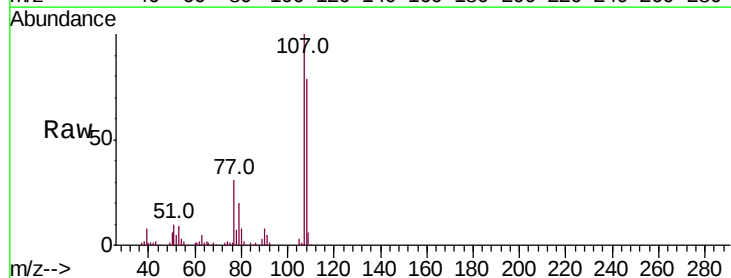
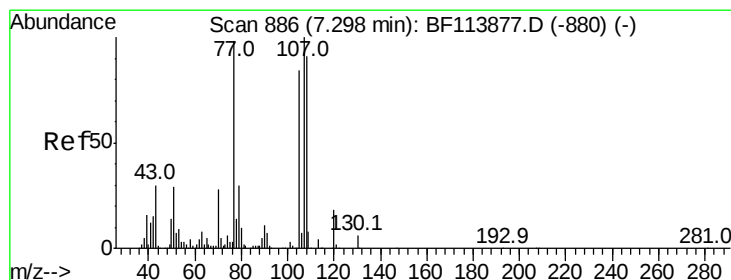
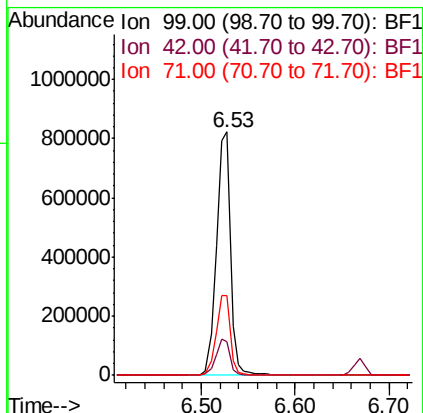
Tot Ion: 99 Resp: 872920

Ion Ratio Lower Upper

99 100

42 14.1 12.5 18.7

71 32.8 26.9 40.3



#20

3+4-Methylphenols

Concen: 13.568 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

Tgt Ion:107 Resp: 117953

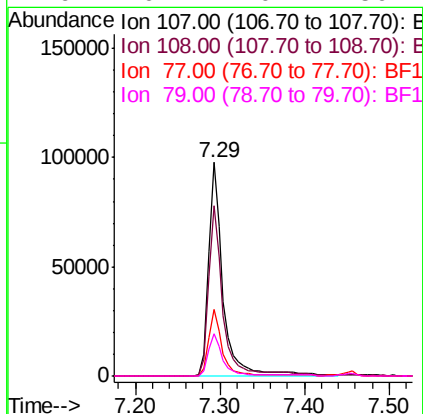
Ion Ratio Lower Upper

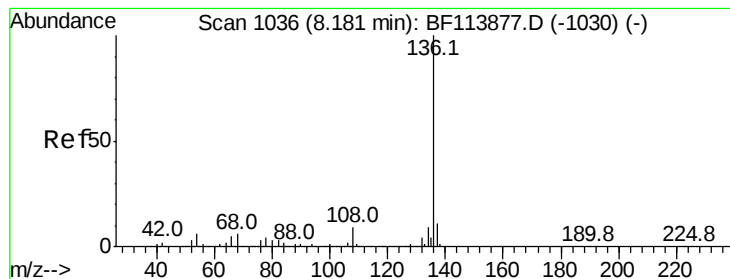
107 100

108 79.5 70.1 110.1

77 31.4 52.9 92.9#

79 20.1 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

Instrument :

BNA_F

ClientSampleId :

MUDDY-SOIL

Tot Ion:136 Resp: 468286

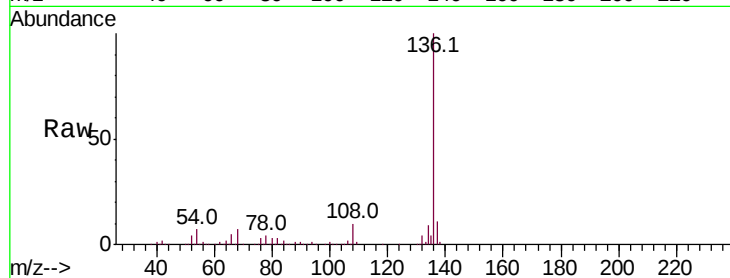
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.5 5.0 7.6

68 6.5 4.9 7.3

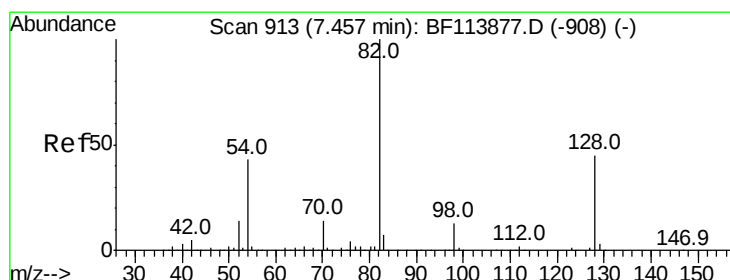
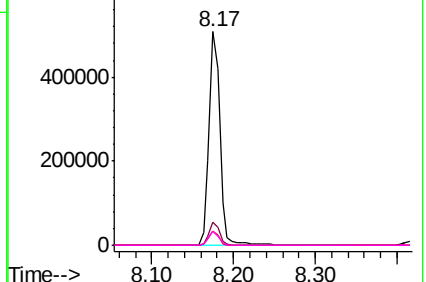
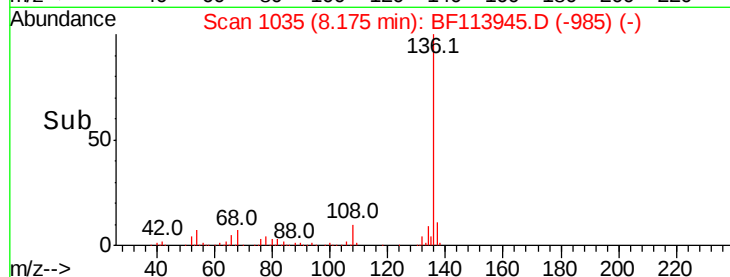


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.331 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

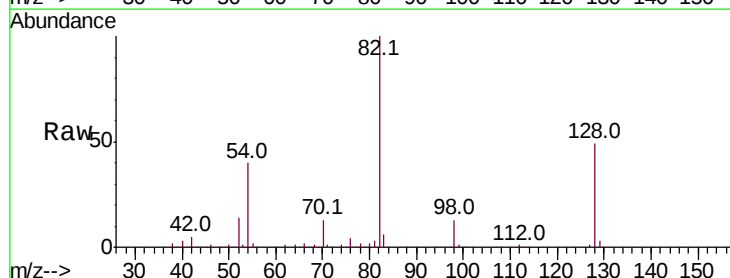
Tgt Ion: 82 Resp: 700268

Ion Ratio Lower Upper

82 100

128 48.6 36.8 55.2

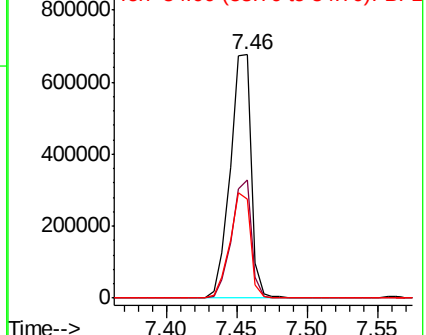
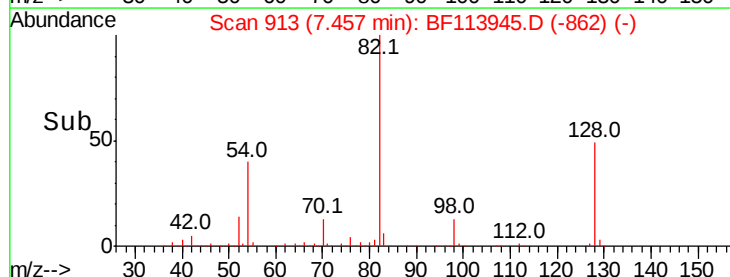
54 40.5 33.8 50.6

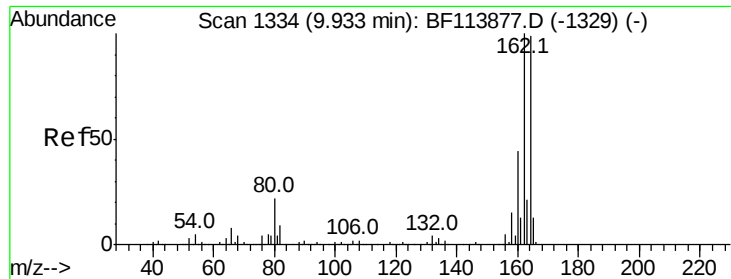


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

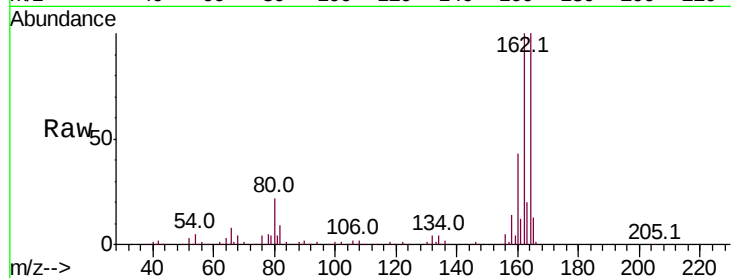




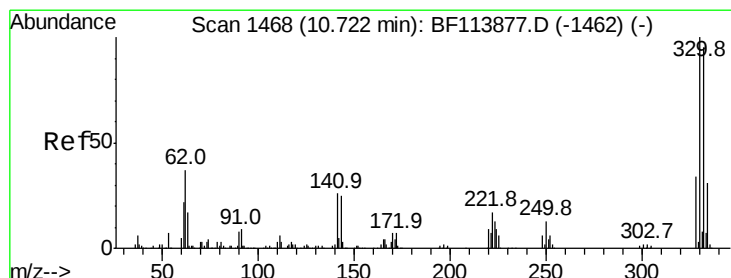
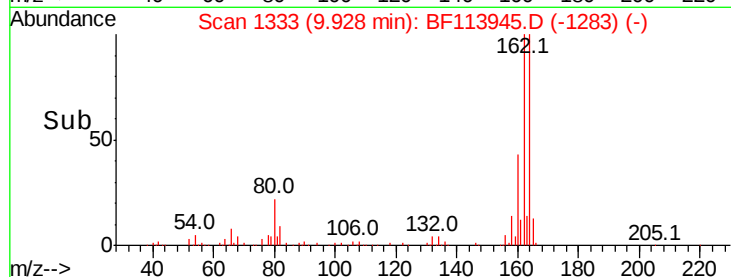
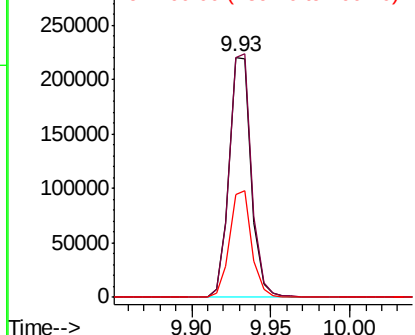
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113945.D
 Acq: 24 Apr 2019 3:13

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

Tot Ion:164 Resp: 213932
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.1 121.7
 160 42.5 35.8 53.6

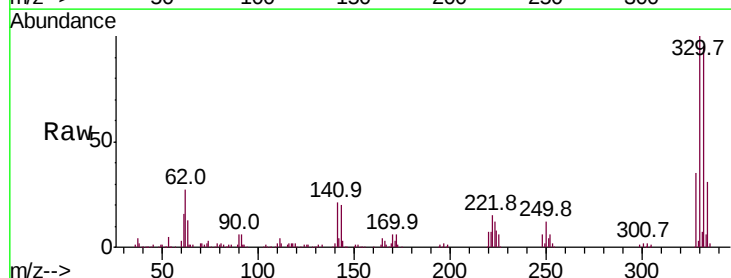


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

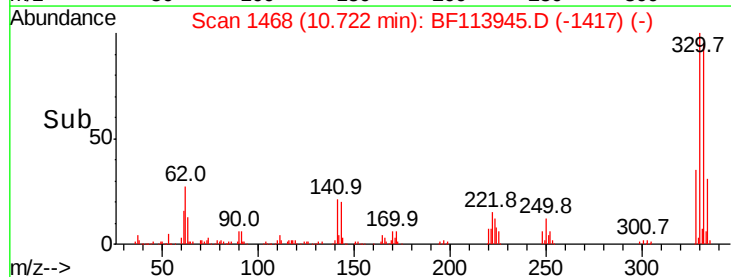
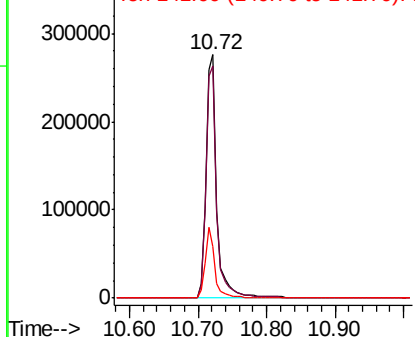


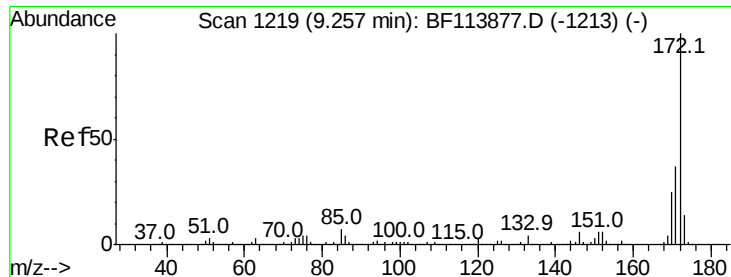
#42
 2,4,6-Tribromophenol
 Concen: 117.927 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113945.D
 Acq: 24 Apr 2019 3:13

Tgt Ion:330 Resp: 307334
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.5 116.3
 141 26.5 22.2 33.2



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



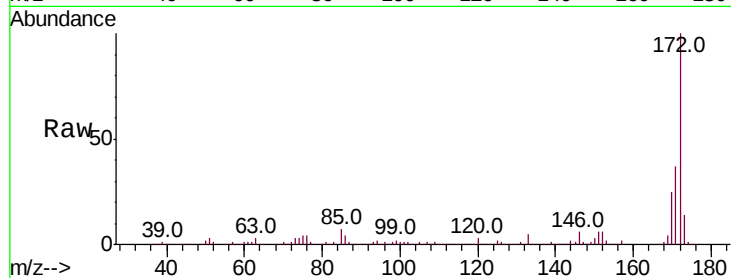


#45
 2-Fluorobiphenyl
 Concen: 95.030 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113945.D
 Acq: 24 Apr 2019 3:13

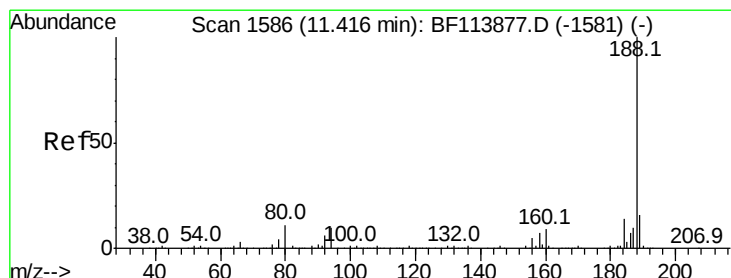
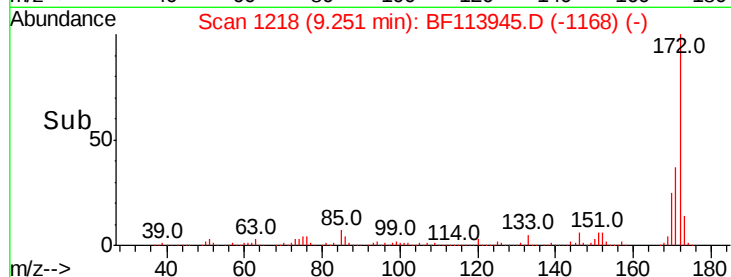
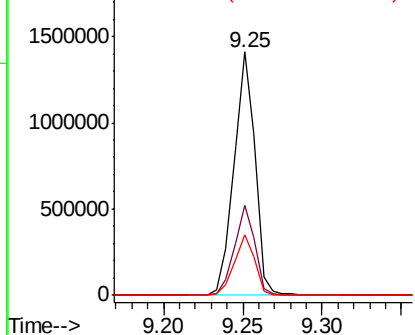
Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

Tot Ion:172 Resp: 1299854

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.7	19.9	29.9



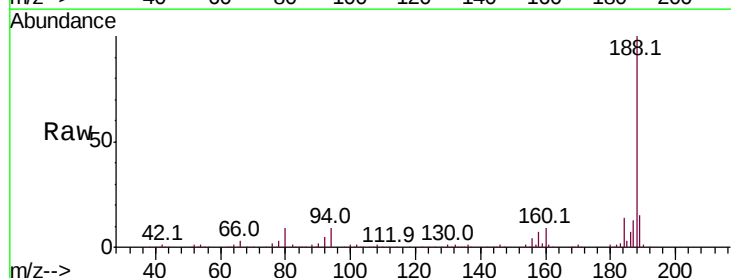
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



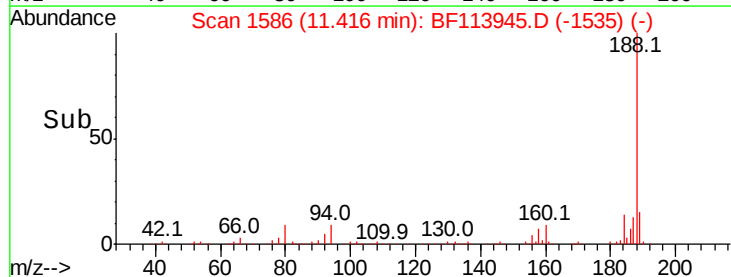
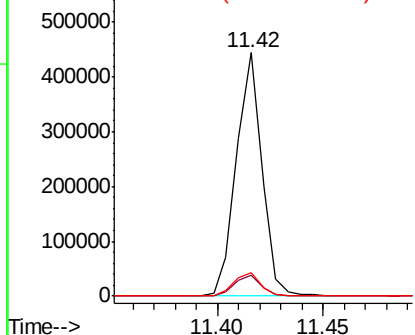
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF113945.D
 Acq: 24 Apr 2019 3:13

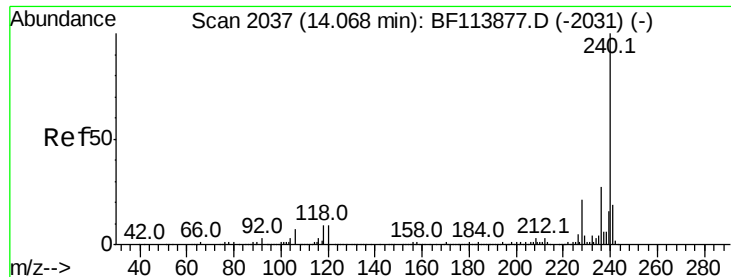
Tgt Ion:188 Resp: 372279

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.5	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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

Instrument :

BNA_F

ClientSampled :

MUDDY-SOIL

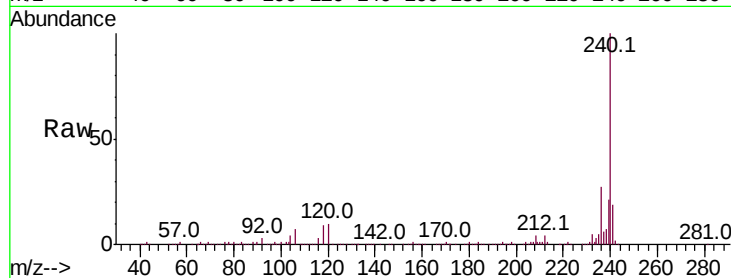
Tot Ion:240 Resp: 362155

Ion Ratio Lower Upper

240 100

120 9.9 9.3 13.9

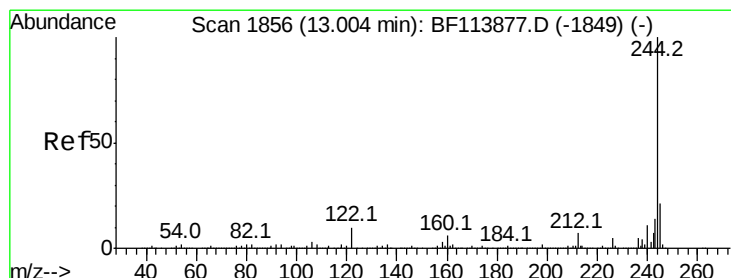
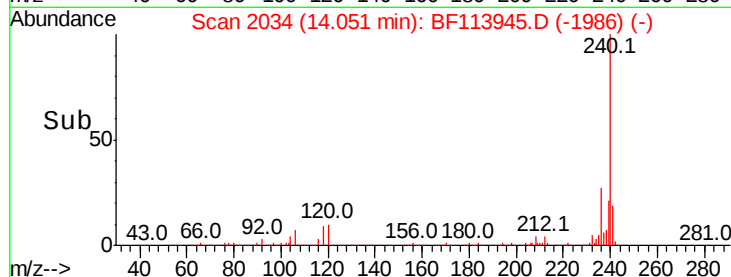
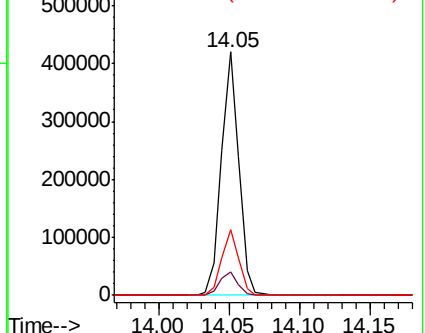
236 26.7 21.2 31.8



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: 83.116 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113945.D

Acq: 24 Apr 2019 3:13

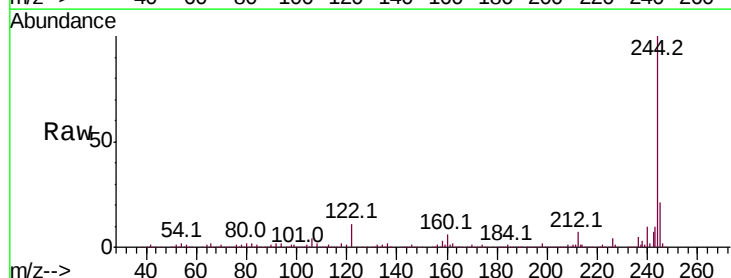
Tgt Ion:244 Resp: 1468246

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

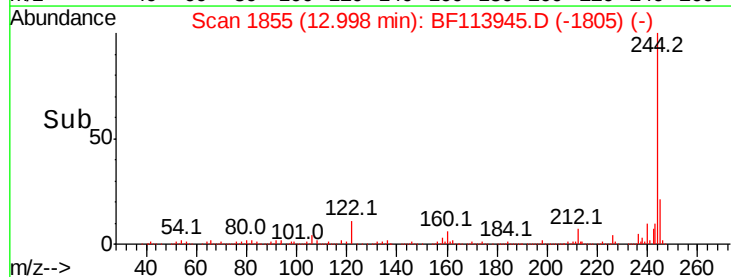
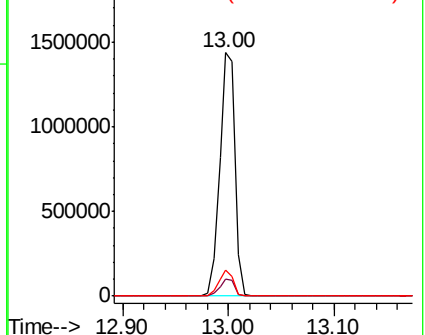
122 10.6 7.6 11.4

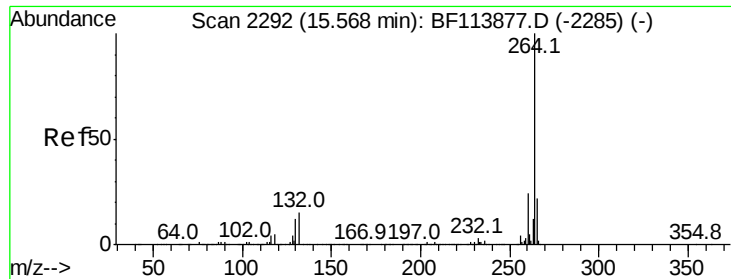


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.04 min
Lab File: BF113945.D
Acq: 24 Apr 2019 3:13

Instrument :
BNA_F
ClientSampleId :
MUDDY-SOIL

Tot Ion: 264 Resp: 316031

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	17.3	25.9

