

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF081988.D
 Acq On : 2 Oct 2015 19:34
 Operator : UM/IZ
 Sample : G3885-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTINGS

Quant Time: Oct 03 04:07:32 2015
 Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	101237	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	423030	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	213269	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	421039	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	431261	20.00	ng	-0.05
86) Perylene-d12	15.53	264	333271	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	639574	114.68	ng	-0.03
7) Phenol-d6	6.51	99	769313	109.63	ng	-0.05
23) Nitrobenzene-d5	7.45	82	564717	88.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	300255	139.01	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1244479	101.41	ng	-0.05
78) Terphenyl-d14	13.02	244	1256698	98.32	ng	-0.03

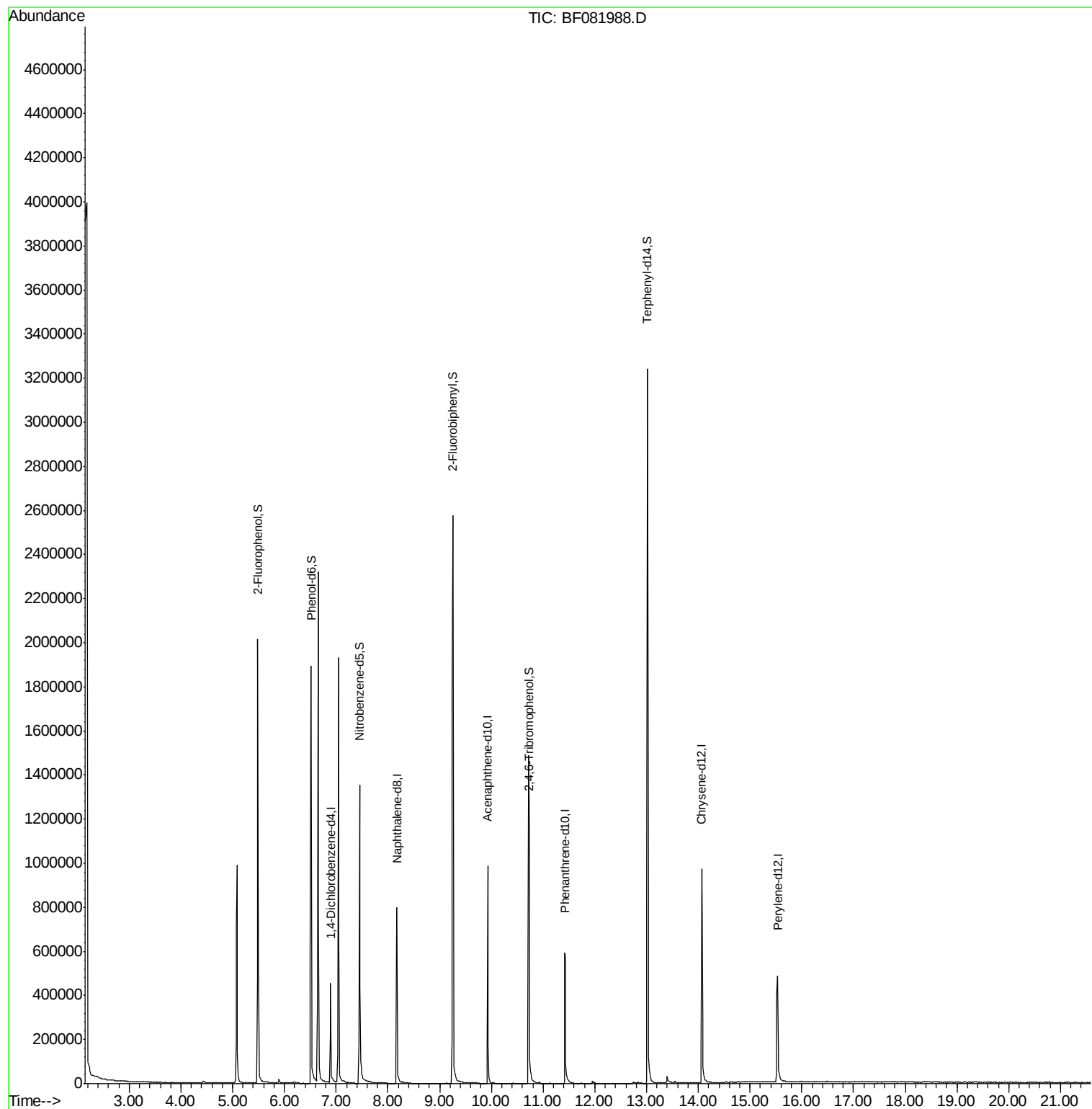
Target Compounds Qvalue

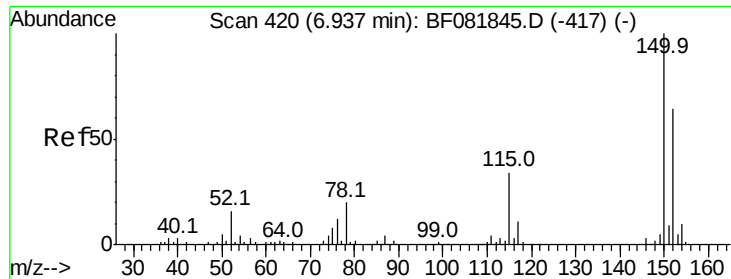
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081988.D

Acq: 2 Oct 2015 19:34

Instrument :

BNA_F

ClientSampleId :

SOILCUTINGS

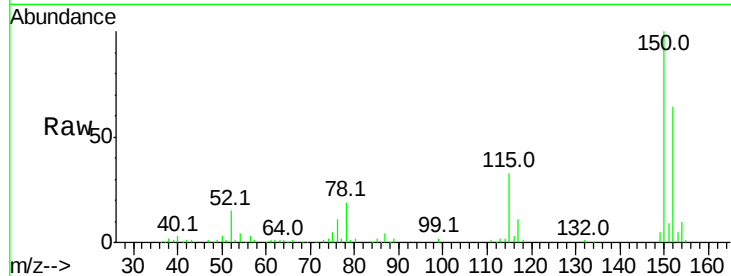
Tot Ion:152 Resp: 101237

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

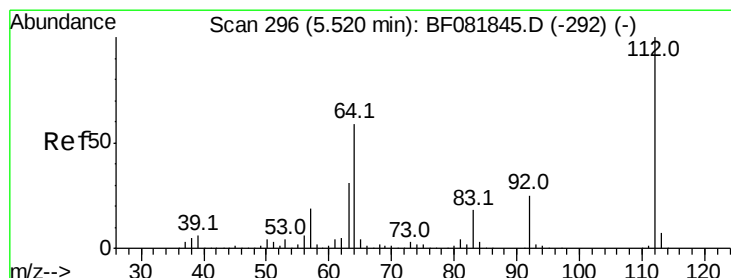
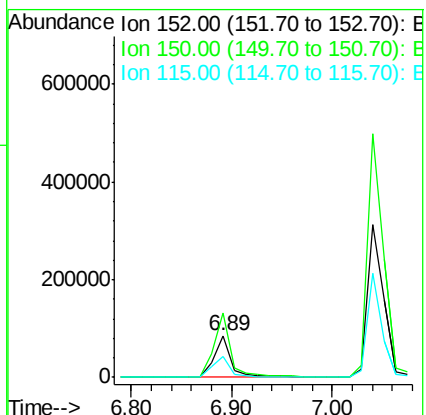
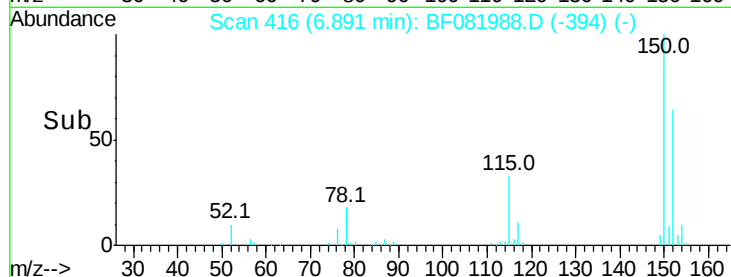
115 51.9 39.0 58.4



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: 114.68 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081988.D

Acq: 2 Oct 2015 19:34

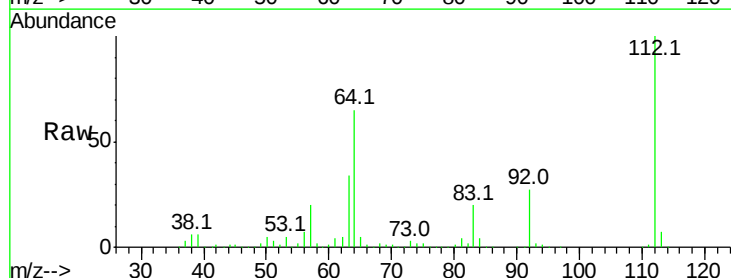
Tgt Ion:112 Resp: 639574

Ion Ratio Lower Upper

112 100

64 64.9 39.7 59.5#

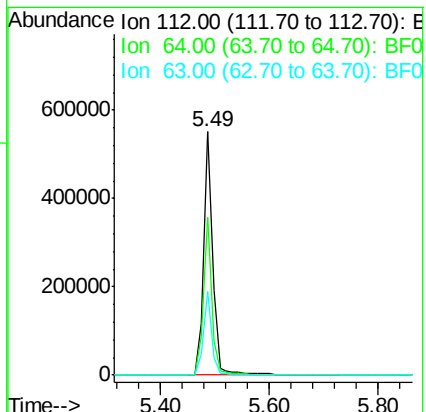
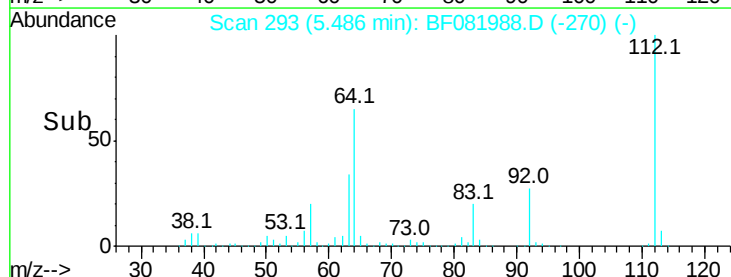
63 34.4 17.4 26.0#

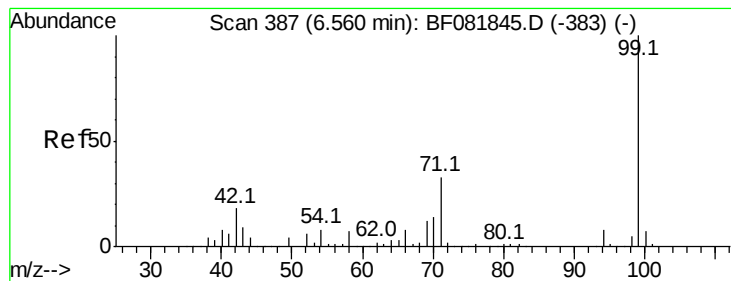


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.63 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081988.D

Acq: 2 Oct 2015 19:34

Instrument :

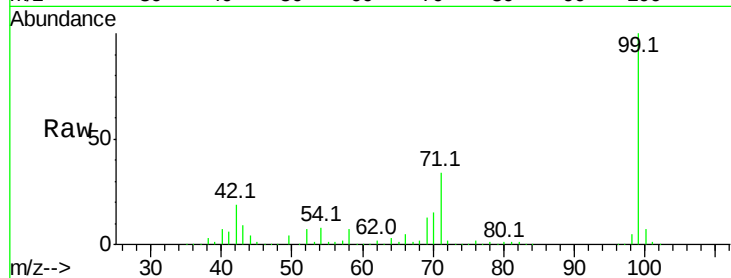
BNA_F

ClientSampleId :

SOILCUTINGS

Tot Ion: 99 Resp: 769313

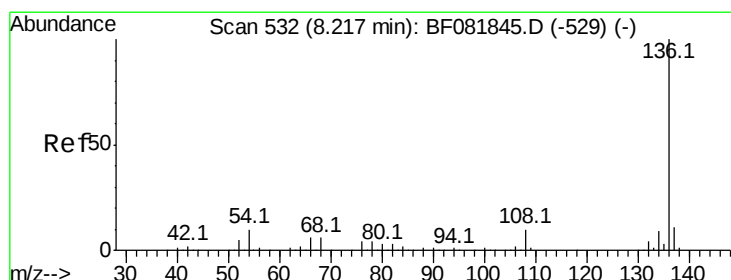
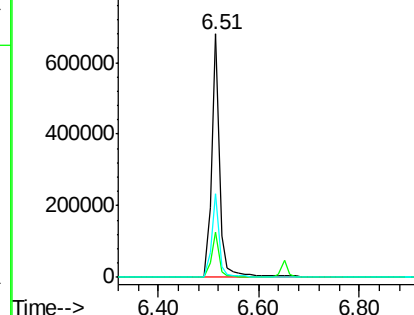
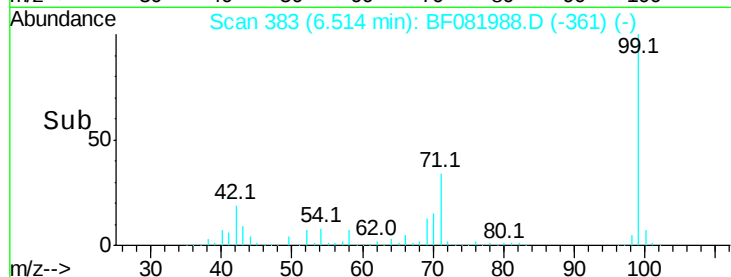
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.7	20.5
71	34.5	14.2	21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

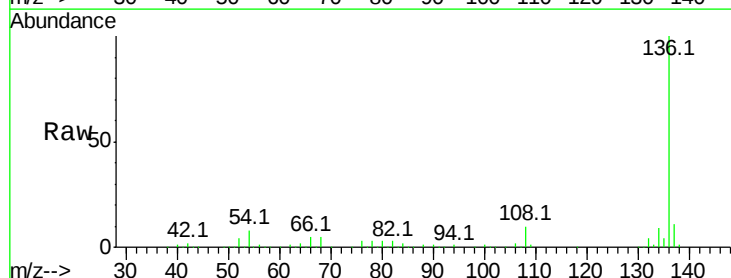
Delta R.T. -0.05 min

Lab File: BF081988.D

Acq: 2 Oct 2015 19:34

Tgt Ion: 136 Resp: 423030

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.9	8.2	12.2#
68	5.4	5.8	8.6#

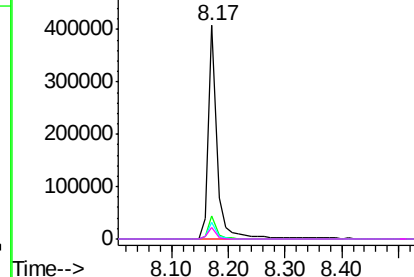
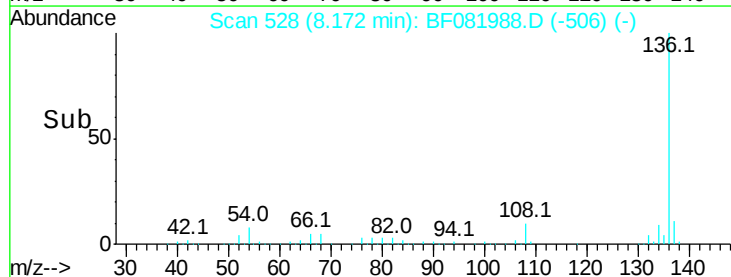


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

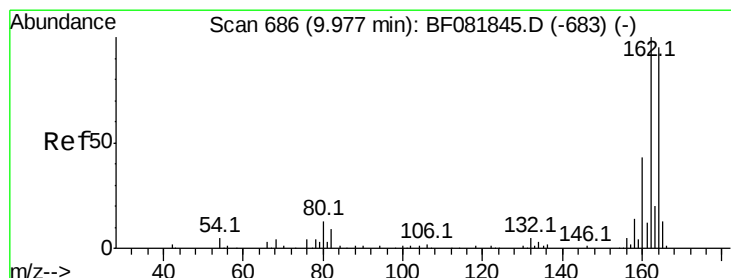
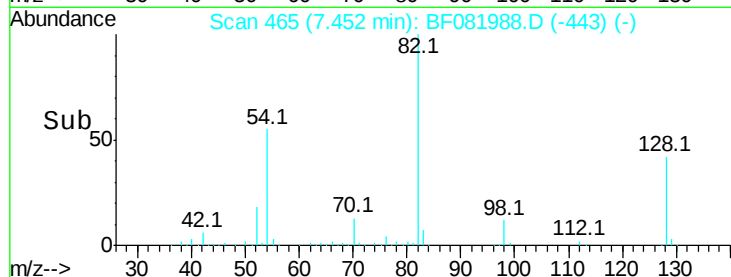
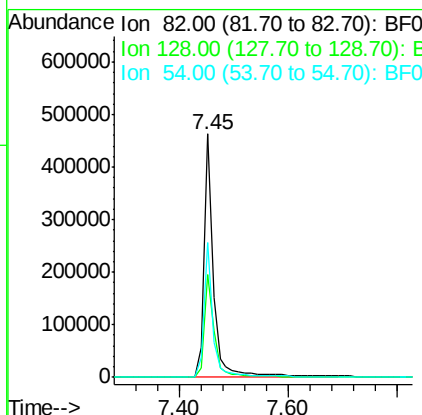
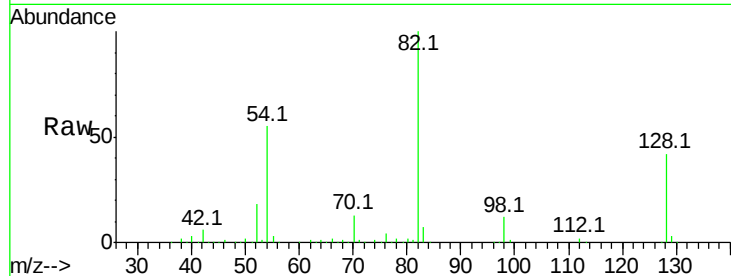




#23
 Nitrobenzene-d5
 Concen: 88.99 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

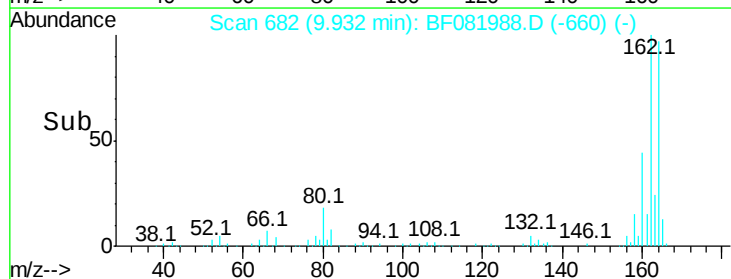
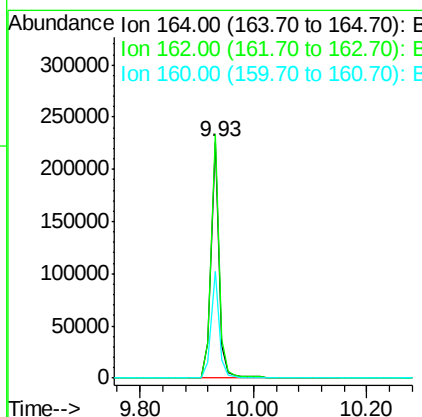
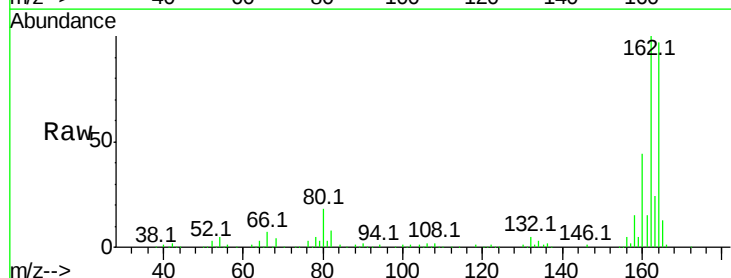
Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTINGS

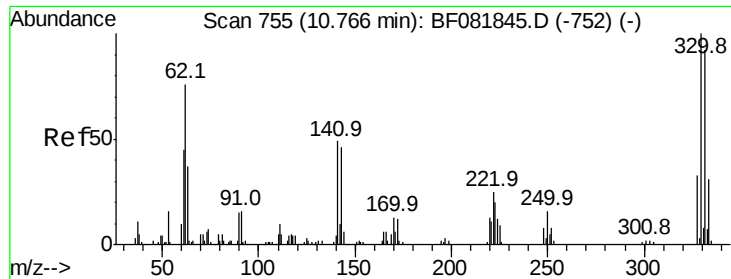
Tot Ion: 82 Resp: 564717
 Ion Ratio Lower Upper
 82 100
 128 42.3 51.0 76.6#
 54 55.1 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

Tgt Ion:164 Resp: 213269
 Ion Ratio Lower Upper
 164 100
 162 103.1 75.2 112.8
 160 45.0 31.5 47.3

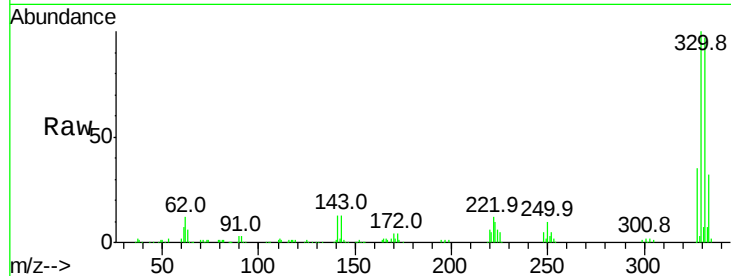




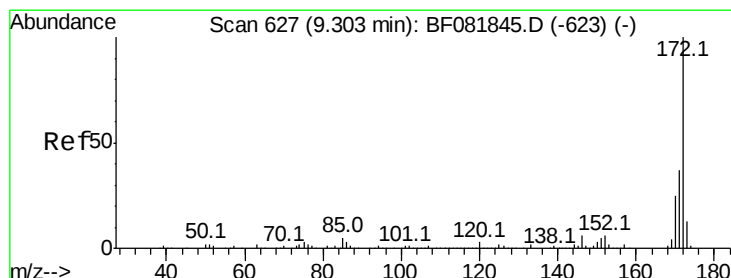
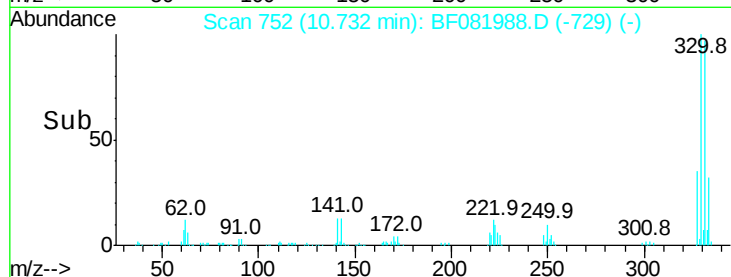
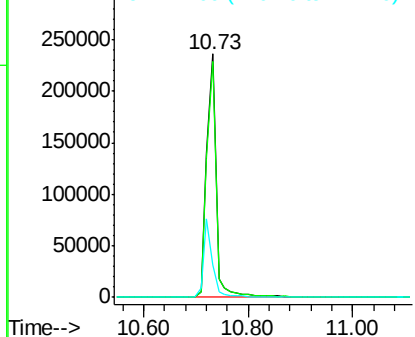
#41
 2,4,6-Tribromophenol
 Concen: 139.01 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTINGS

Tot Ion:330 Resp: 300255
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 30.3 29.7 44.5

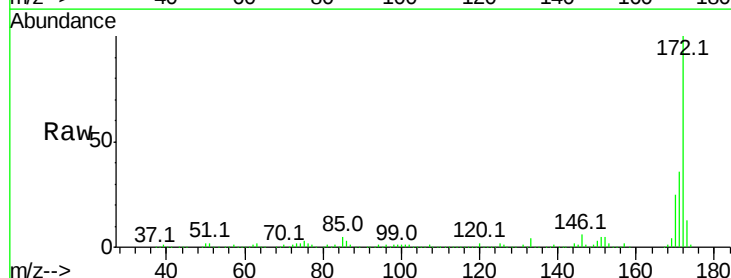


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

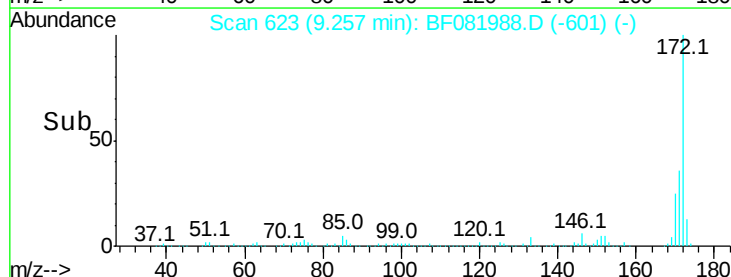
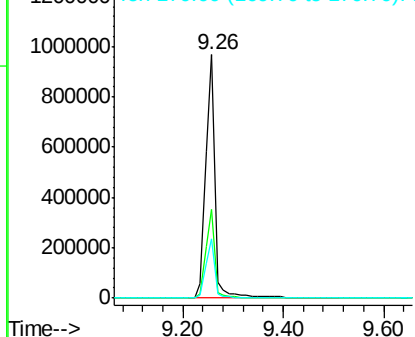


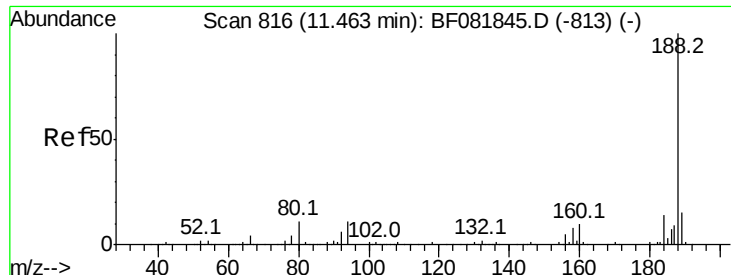
#44
 2-Fluorobiphenyl
 Concen: 101.41 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

Tgt Ion:172 Resp: 1244479
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.6 17.4 26.2



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

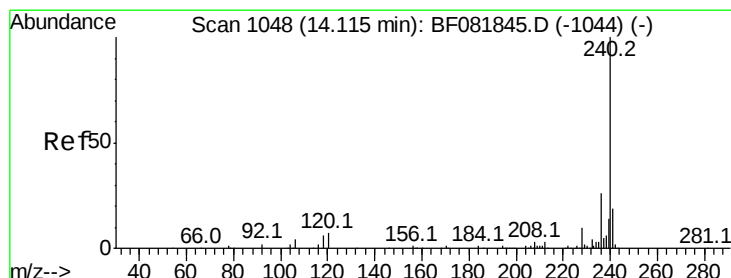
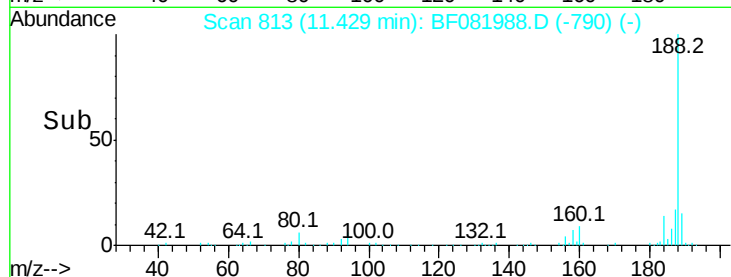
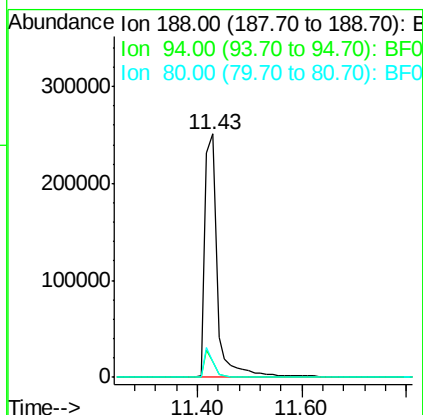
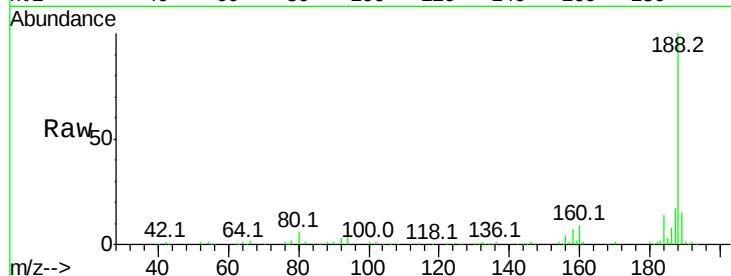




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081988.D
Acq: 2 Oct 2015 19:34

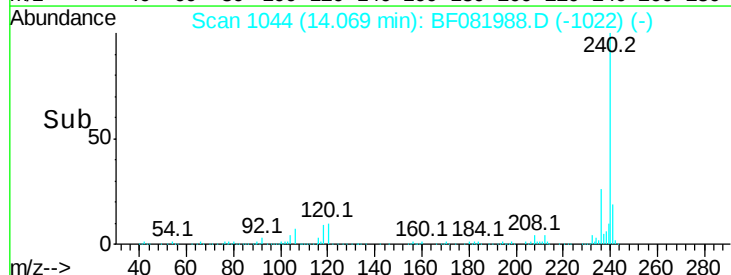
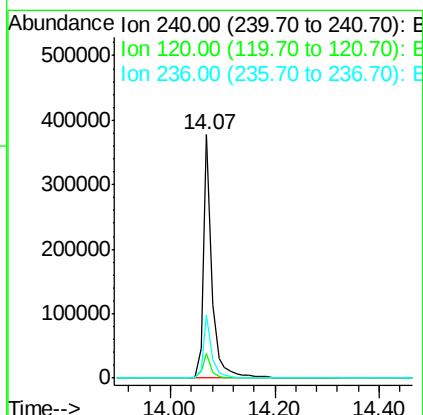
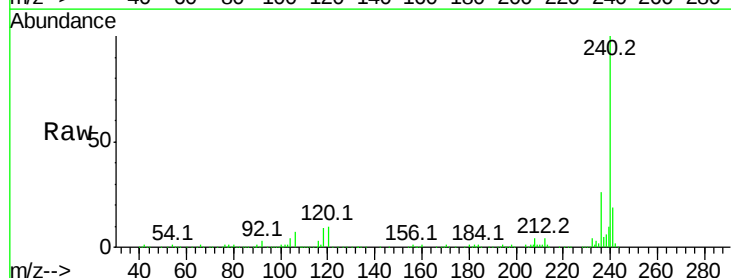
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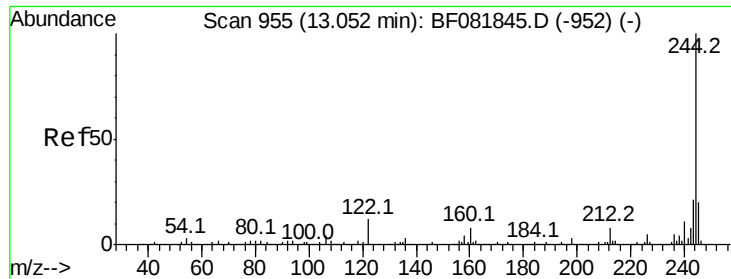
Tot Ion:188 Resp: 421039
Ion Ratio Lower Upper
188 100
94 6.4 11.1 16.7#
80 6.3 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081988.D
Acq: 2 Oct 2015 19:34

Tgt Ion:240 Resp: 431261
Ion Ratio Lower Upper
240 100
120 10.0 16.2 24.2#
236 26.0 18.4 27.6

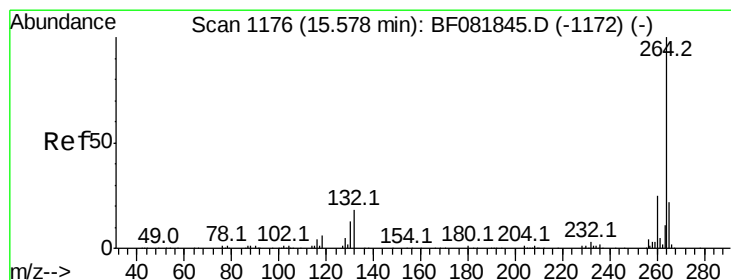
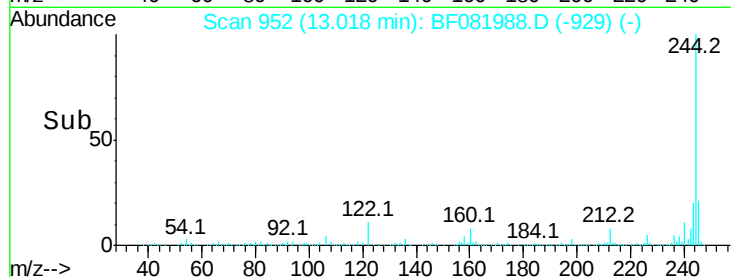
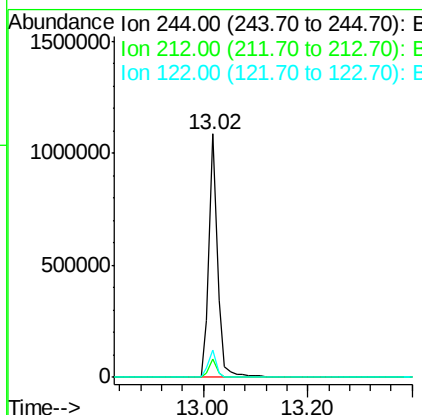
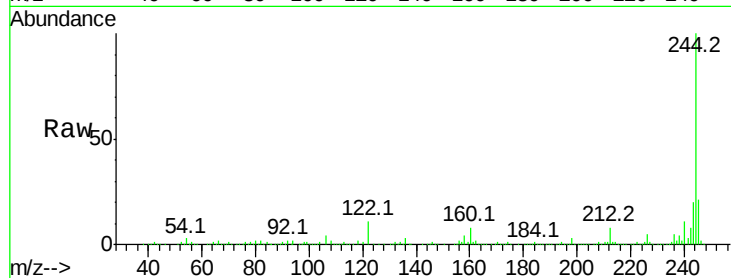




#78
 Terphenyl-d14
 Concen: 98.32 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

Instrument :
 BNA_F
 ClientSampleId :
 SOILCUTINGS

Tot Ion:244 Resp: 1256698
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081988.D
 Acq: 2 Oct 2015 19:34

Tgt Ion:264 Resp: 333271
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 20.9 17.2 25.8

