

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098029.D
 Acq On : 25 Aug 2017 4:26
 Operator : SJ/JU
 Sample : I4934-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB5-SOIL-0-7.0

Quant Time: Aug 25 04:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

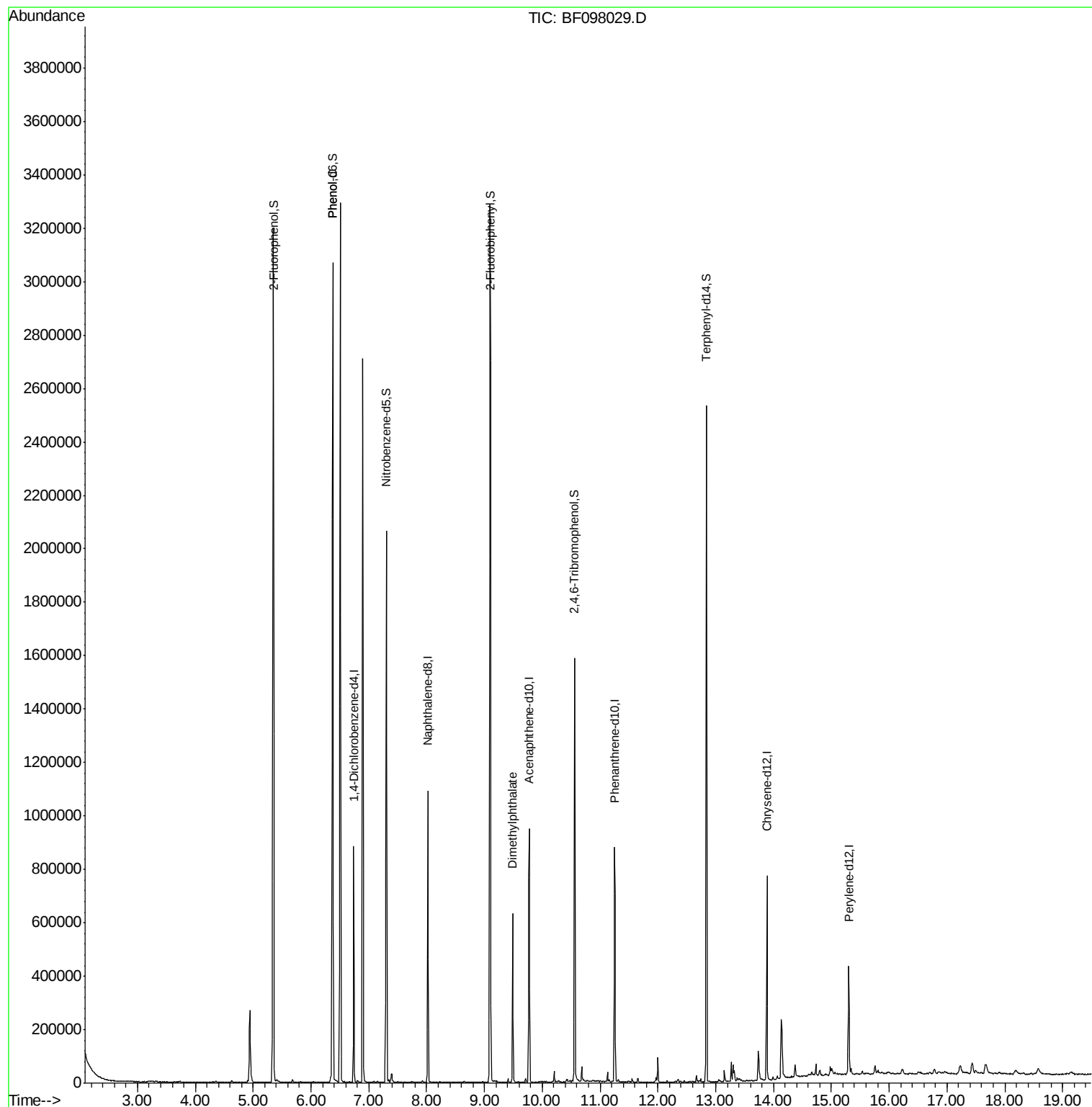
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	115545	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	435596	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	172853	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	297770	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	258417	20.00	ng	-0.01
86) Perylene-d12	15.30	264	186321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1010089	132.97	ng	0.00
7) Phenol-d6	6.38	99	1362436	132.00	ng	0.00
23) Nitrobenzene-d5	7.30	82	812745	101.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	193023	128.70	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1103662	93.81	ng	-0.01
78) Terphenyl-d14	12.84	244	814799	65.75	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	31985	2.650	ng	93
49) Dimethylphthalate	9.49	163	211140	16.711	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
Data File : BF098029.D
Acq On : 25 Aug 2017 4:26
Operator : SJ/JU
Sample : I4934-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB5-SOIL-0-7.0

Quant Time: Aug 25 04:51:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



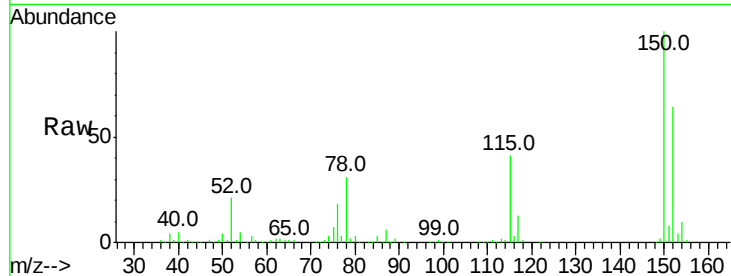


#1

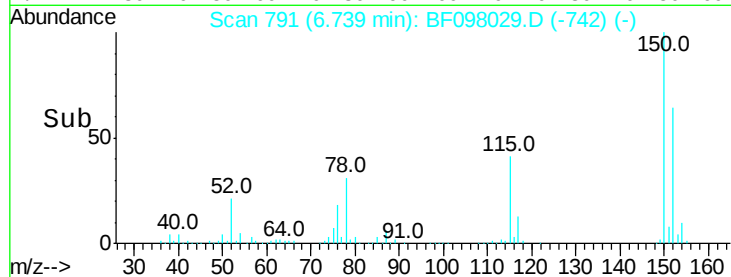
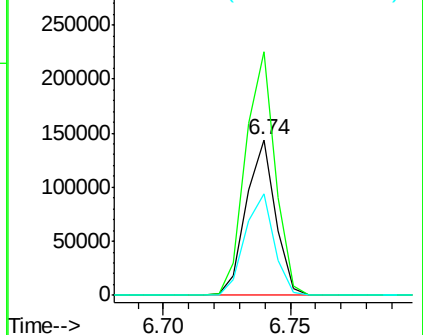
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SB5-SOIL-0-7.0

Tot Ion:152 Resp: 115545
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 65.0 52.2 78.2



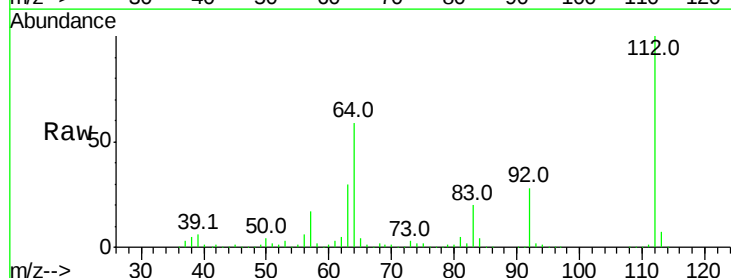
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



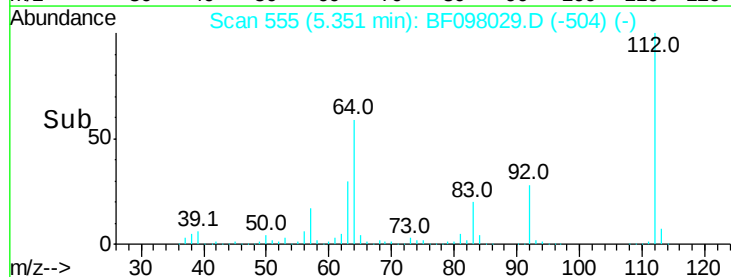
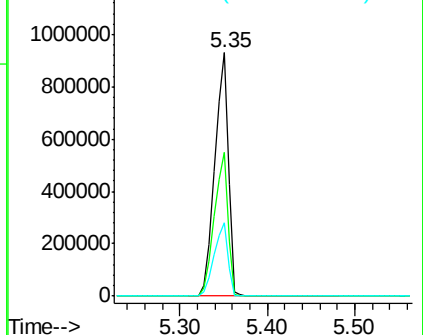
#5

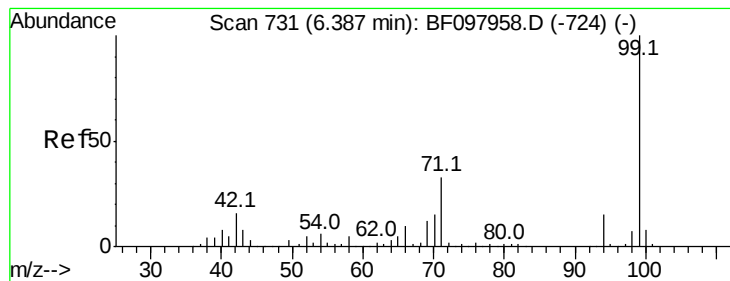
2-Fluorophenol
 Concen: 132.972 ng
 RT: 5.35 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Tgt Ion:112 Resp: 1010089
 Ion Ratio Lower Upper
 112 100
 64 59.0 46.0 69.0
 63 30.2 23.4 35.0



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: 132.004 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098029.D

Acq: 25 Aug 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SB5-SOIL-0-7.0

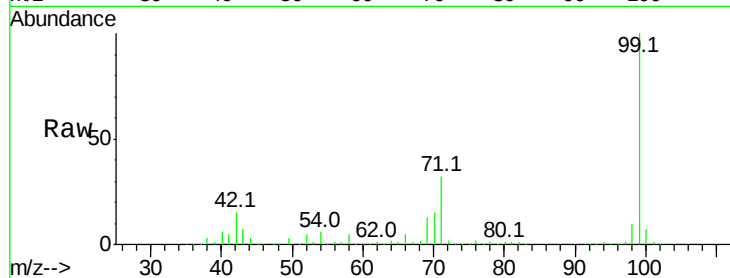
Tot Ion: 99 Resp: 1362436

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

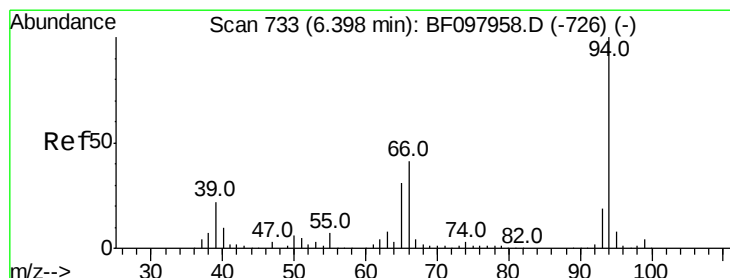
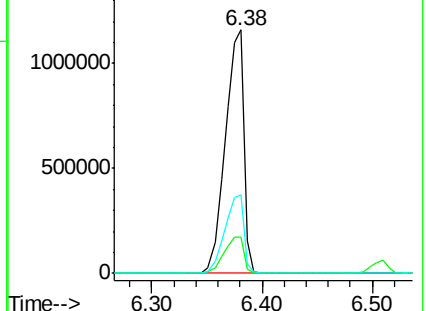
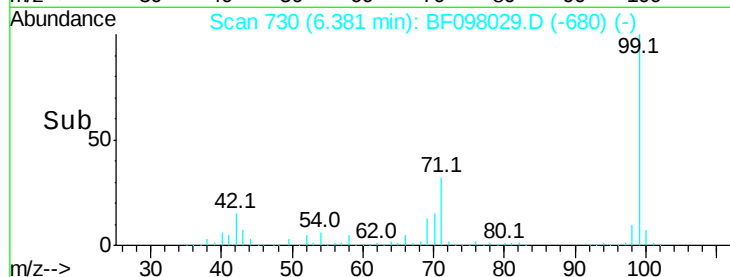
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 2.650 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098029.D

Acq: 25 Aug 2017 4:26

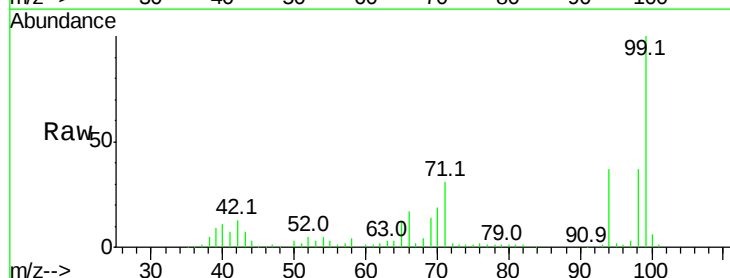
Tgt Ion: 94 Resp: 31985

Ion Ratio Lower Upper

94 100

65 33.6 9.9 49.9

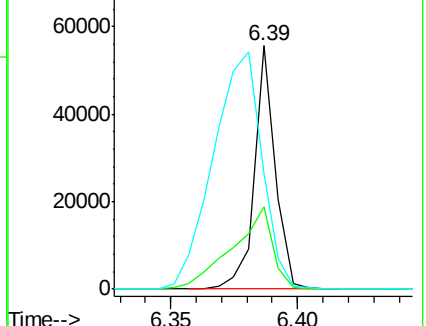
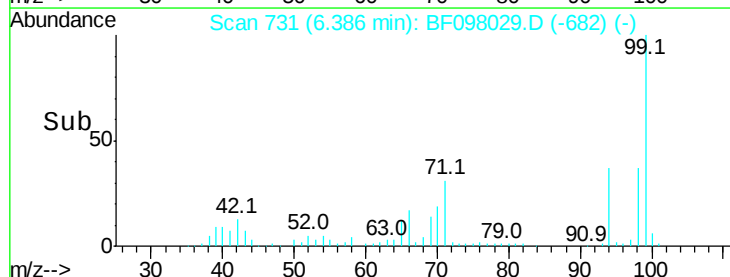
66 47.3 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

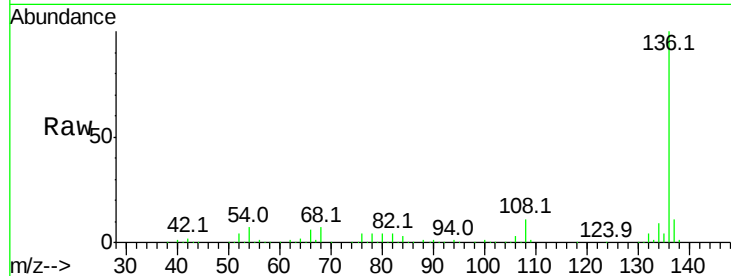




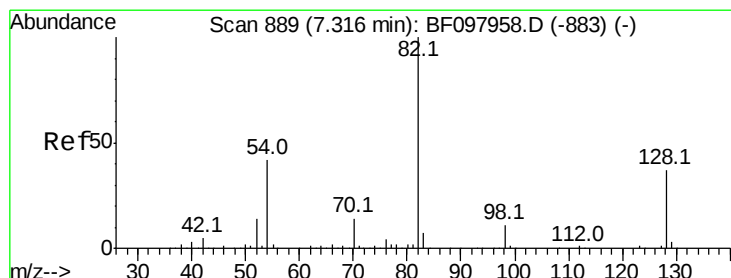
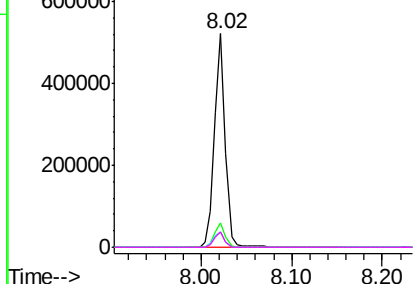
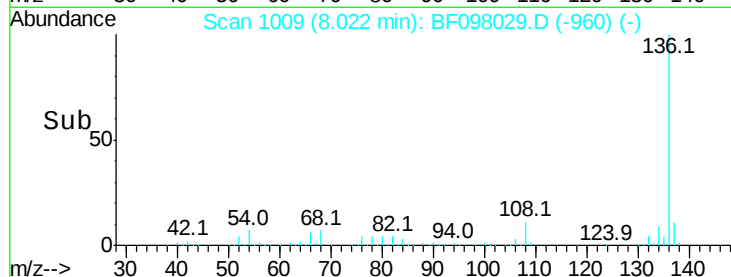
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SB5-SOIL-0-7.0

Tot Ion:	136	Resp:	435596
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.5	4.9	7.3#
68	7.2	4.1	6.1#

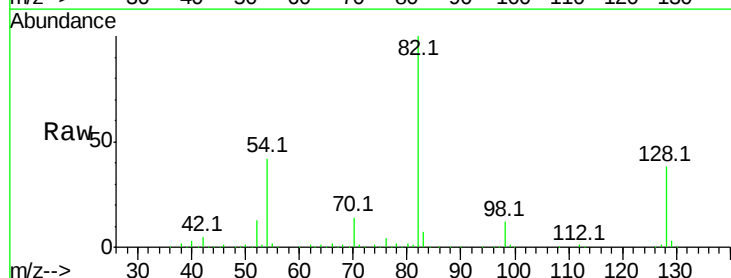


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

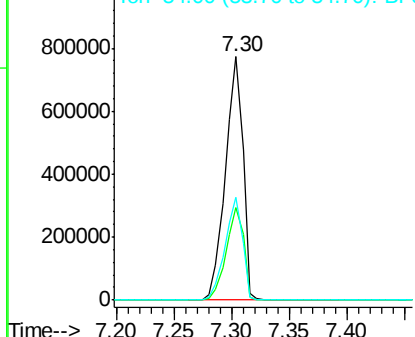
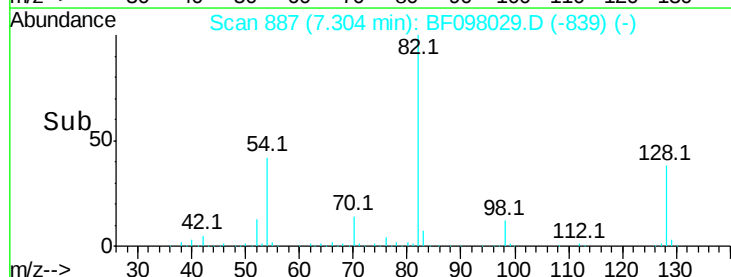


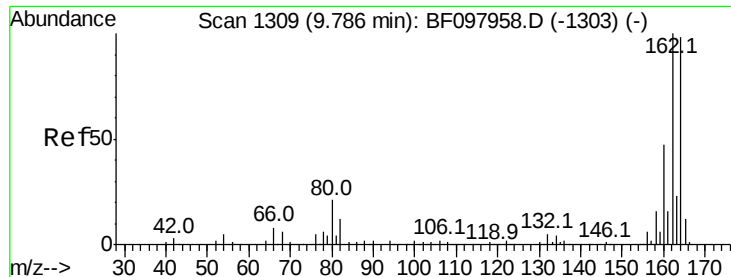
#23
Nitrobenzene-d5
Concen: 101.360 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

Tgt Ion:	82	Resp:	812745
Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.0	51.0
54	42.1	42.2	63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

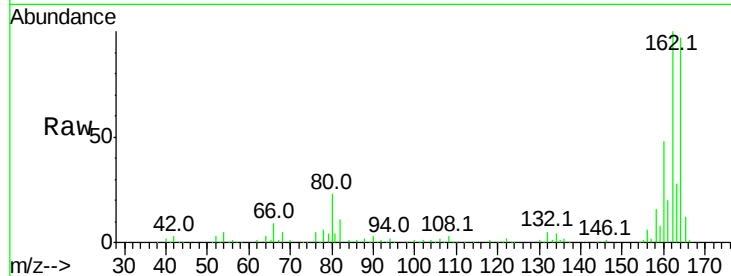




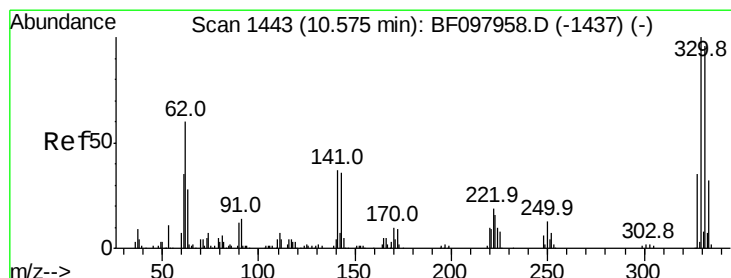
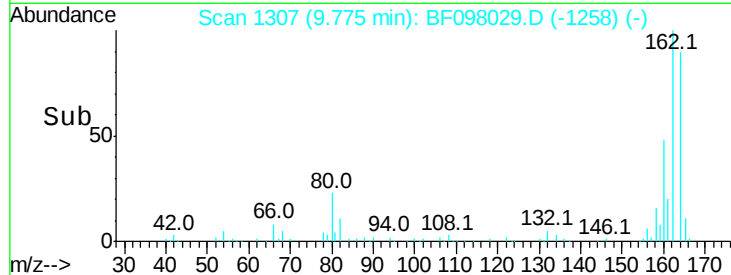
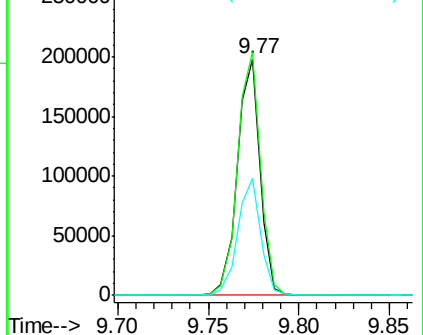
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SB5-SOIL-0-7.0

Tot Ion:164 Resp: 172853
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.6 123.8
 160 49.5 36.2 54.2

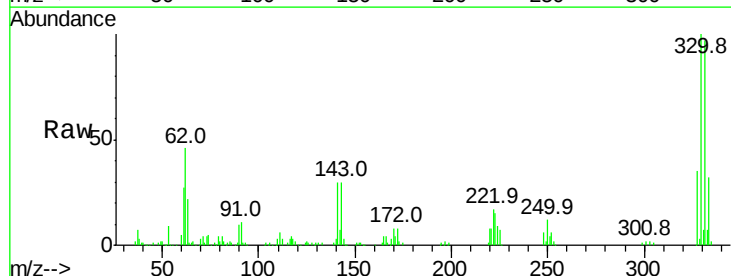


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

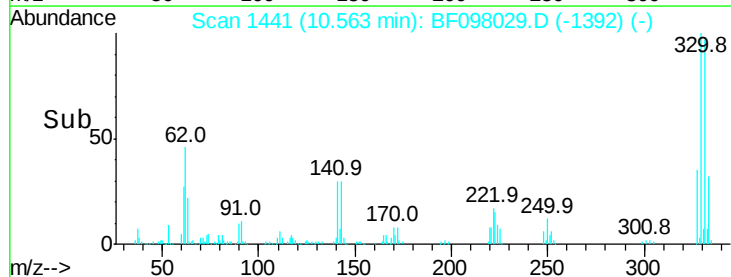
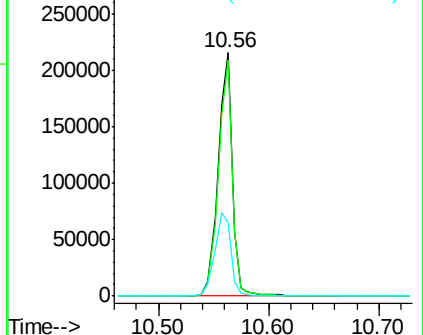


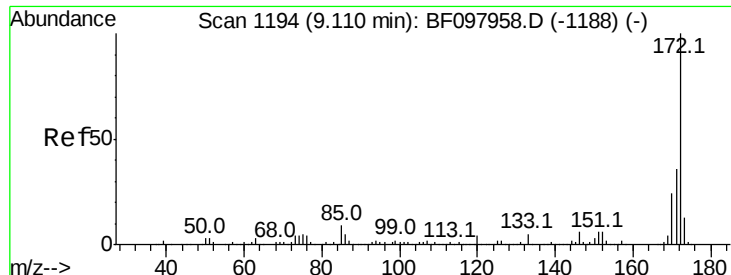
#41
 2,4,6-Tribromophenol
 Concen: 128.701 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Tgt Ion:330 Resp: 193023
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.7 31.4 47.2



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



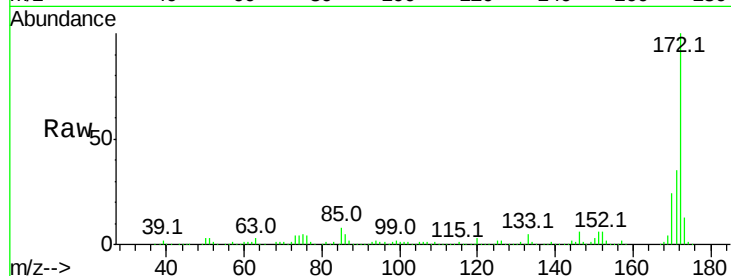


#44
2-Fluorobiphenyl
Concen: 93.808 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

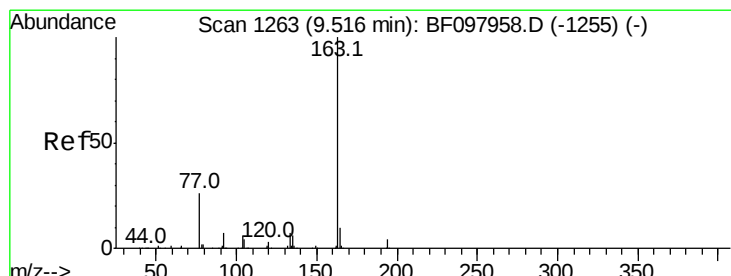
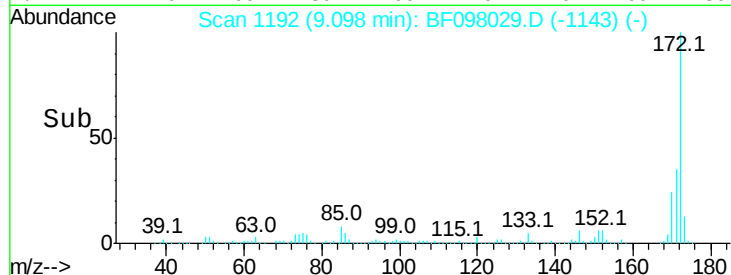
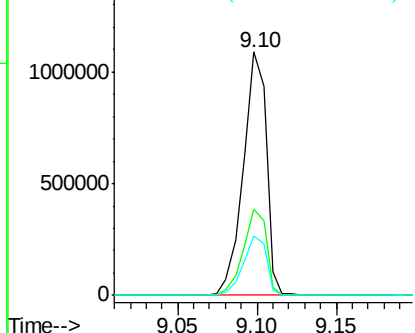
Instrument :
BNA_F
ClientSampleId :
SB5-SOIL-0-7.0

Tot Ion:172 Resp: 1103662

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.3	19.8	29.8



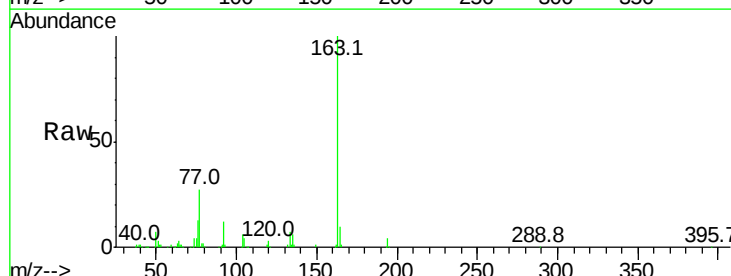
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



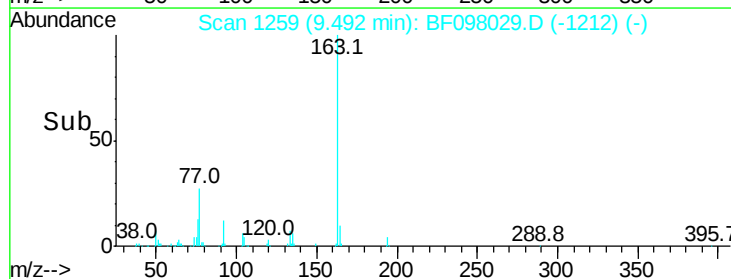
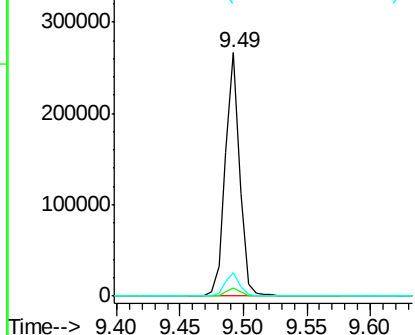
#49
Dimethylphthalate
Concen: 16.711 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

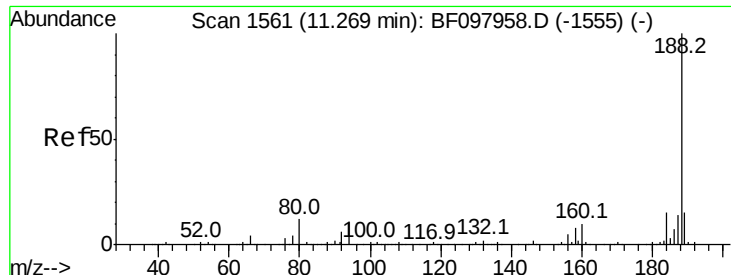
Tgt Ion:163 Resp: 211140

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6



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

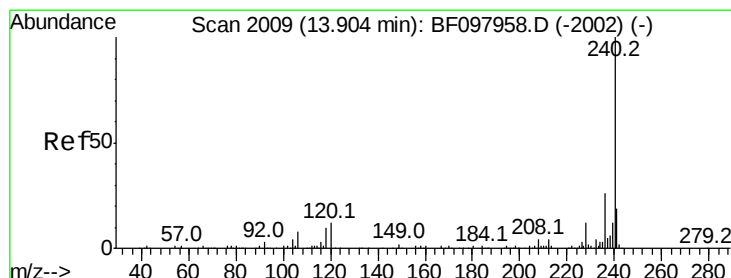
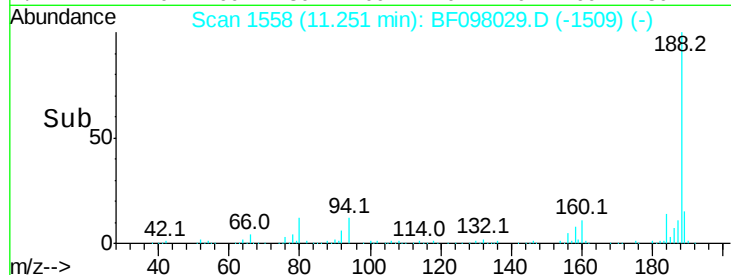
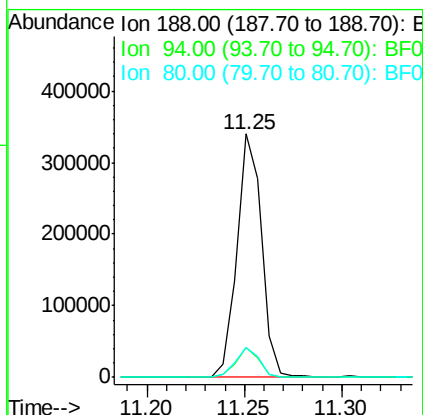
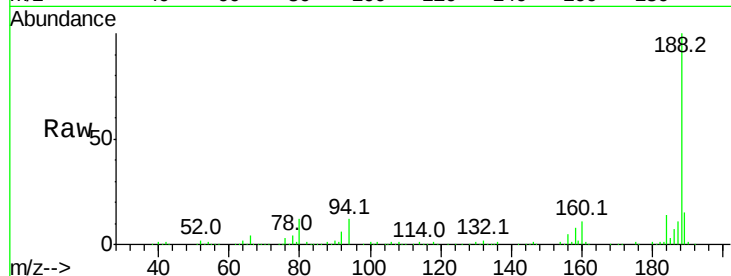




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

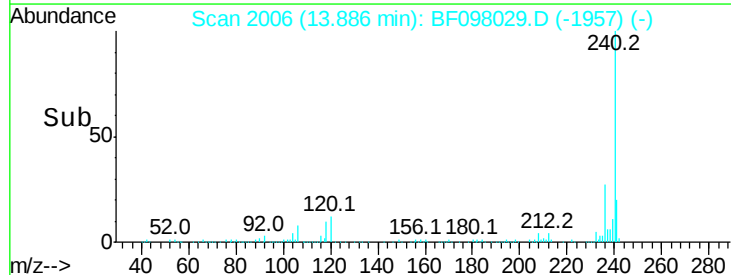
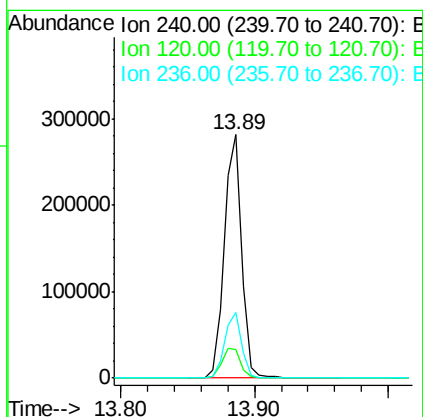
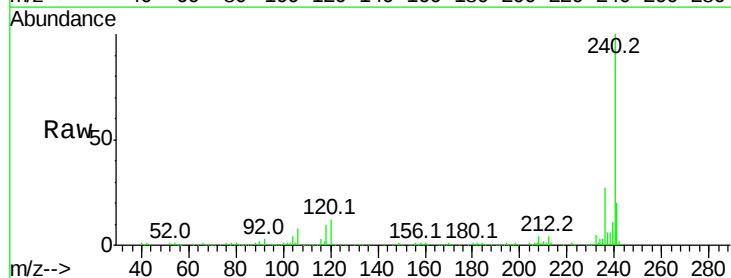
Instrument :
BNA_F
ClientSampleId :
SB5-SOIL-0-7.0

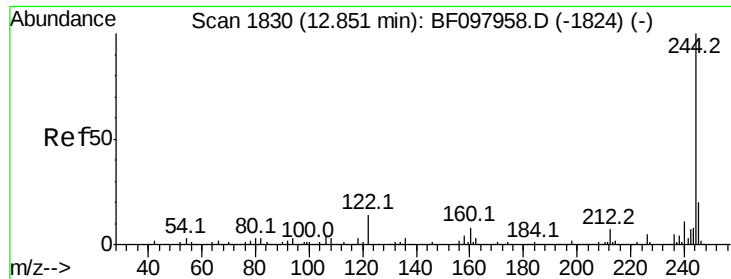
Tot Ion:188 Resp: 297770
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.3 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098029.D
Acq: 25 Aug 2017 4:26

Tgt Ion:240 Resp: 258417
Ion Ratio Lower Upper
240 100
120 12.0 5.8 8.8#
236 26.7 20.5 30.7

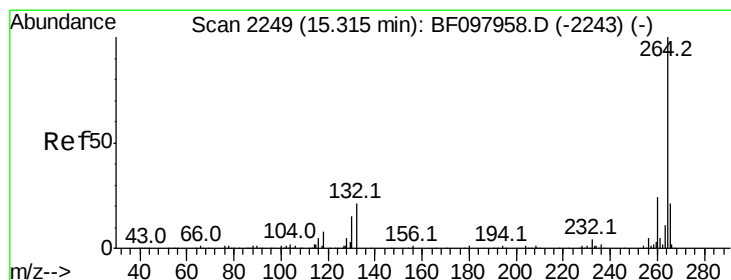
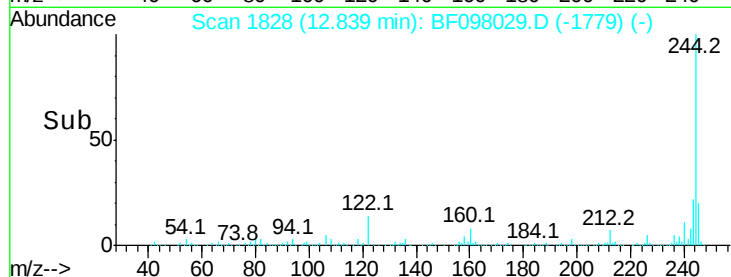
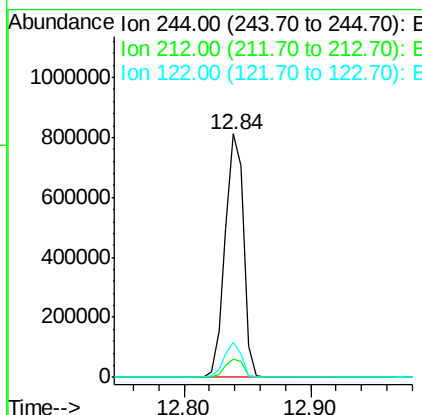
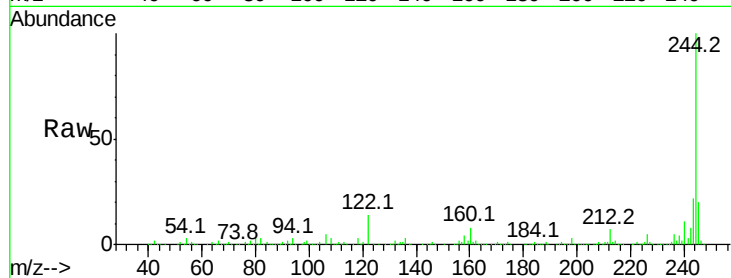




#78
 Terphenyl-d14
 Concen: 65.751 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SB5-SOIL-0-7.0

Tot Ion:244 Resp: 814799
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098029.D
 Acq: 25 Aug 2017 4:26

Tgt Ion:264 Resp: 186321
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.3 17.2 25.8

