

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103811.D
 Acq On : 20 Mar 2018 19:17
 Operator : JU/SJ
 Sample : J1975-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-SOIL

Quant Time: Mar 21 01:39:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

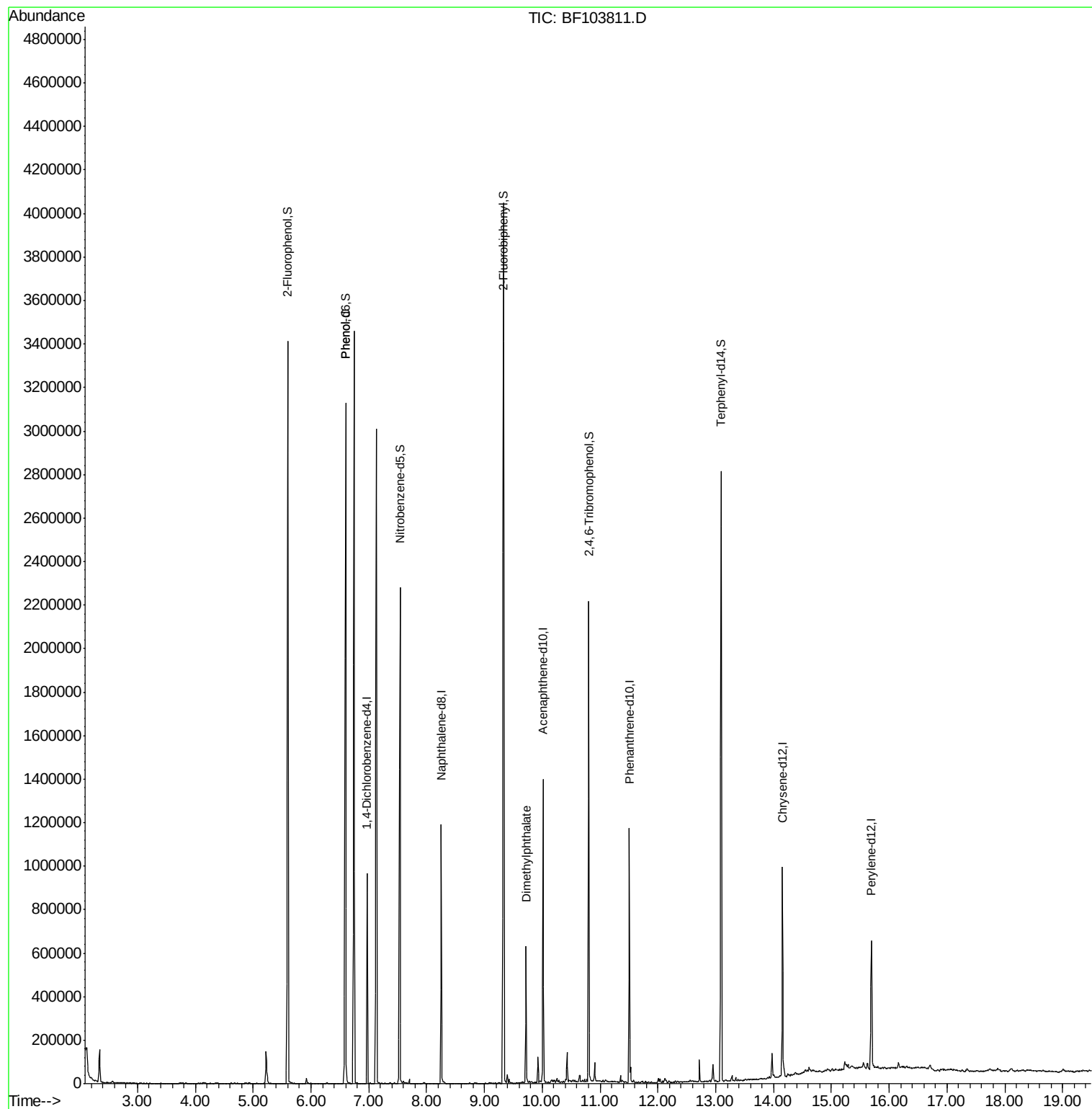
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149457	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	579171	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	275211	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	409958	20.00	ng	0.00
75) Chrysene-d12	14.16	240	287674	20.00	ng	0.00
86) Perylene-d12	15.70	264	266198	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1203443	122.47	ng	0.02
7) Phenol-d6	6.60	99	1362207	113.31	ng	0.01
23) Nitrobenzene-d5	7.54	82	904644	108.92	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	274015	115.80	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1358049	78.71	ng	0.00
78) Terphenyl-d14	13.09	244	987808	79.70	ng	0.00
Target Compounds						
10) Phenol	6.60	94	33141	2.594	ng	86
49) Dimethylphthalate	9.72	163	222594	10.601	ng	99

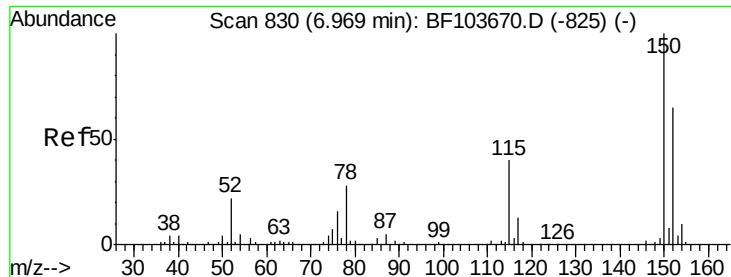
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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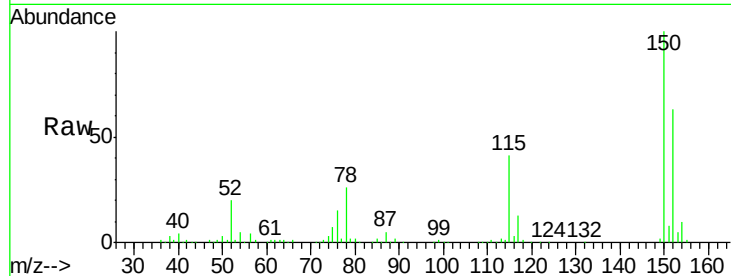


#1

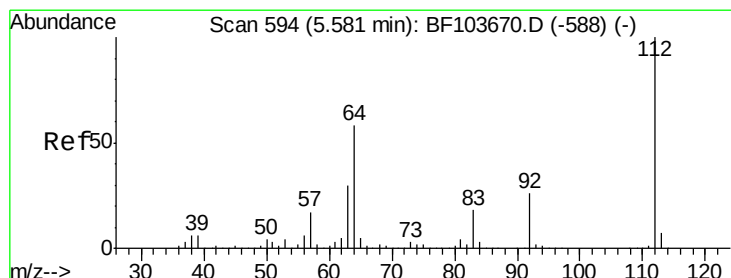
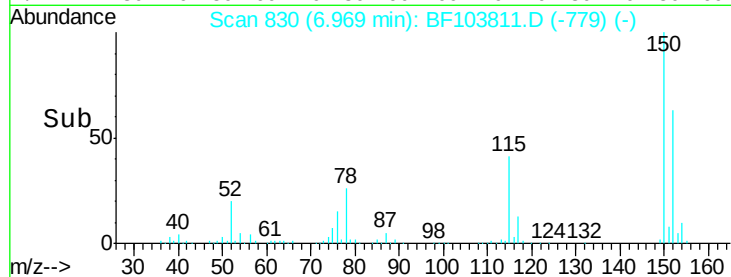
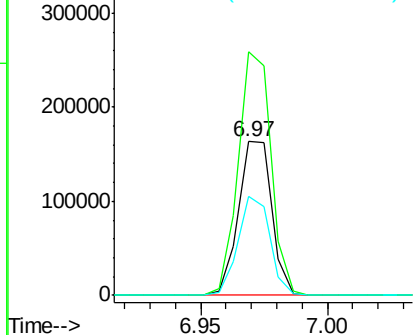
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-SOIL

Tot Ion:152 Resp: 149457
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 64.4 50.1 75.1



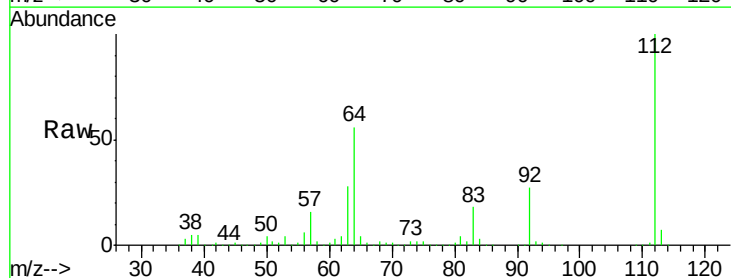
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



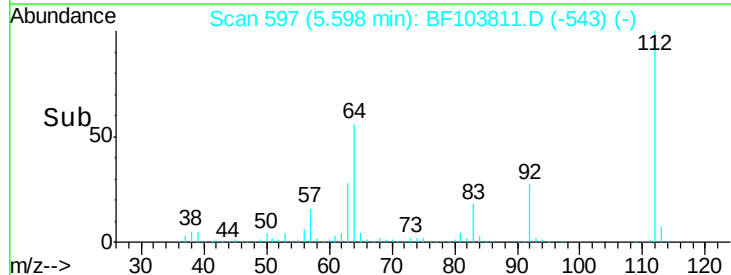
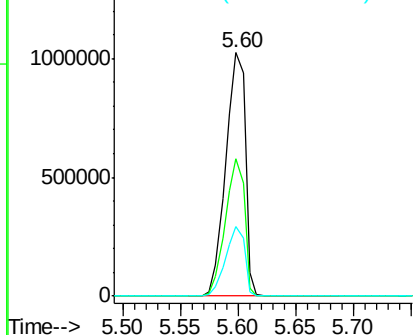
#5

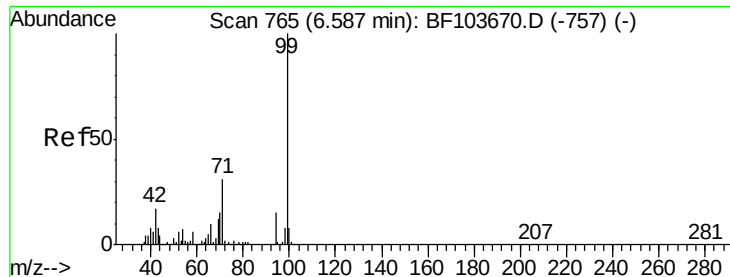
2-Fluorophenol
Concen: 122.472 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

Tgt Ion:112 Resp: 1203443
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.4 23.7 35.5



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: 113.312 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103811.D

Acq: 20 Mar 2018 19:17

Instrument :

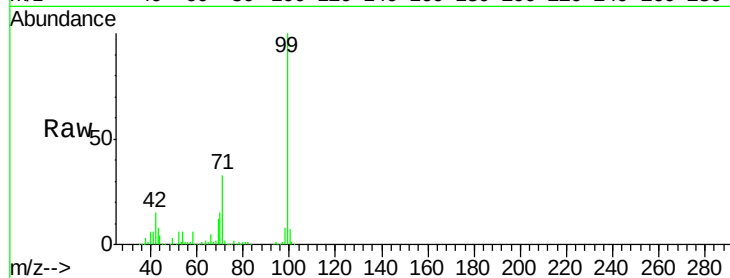
BNA_F

ClientSampleId :

FS-SOIL

Tot Ion: 99 Resp: 1362207

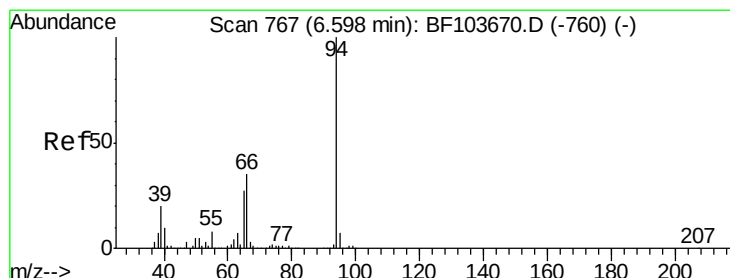
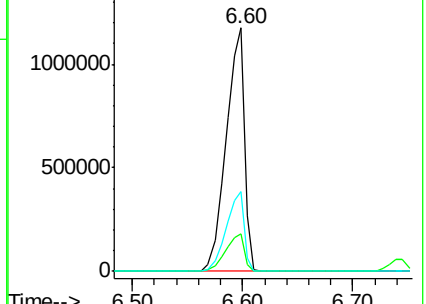
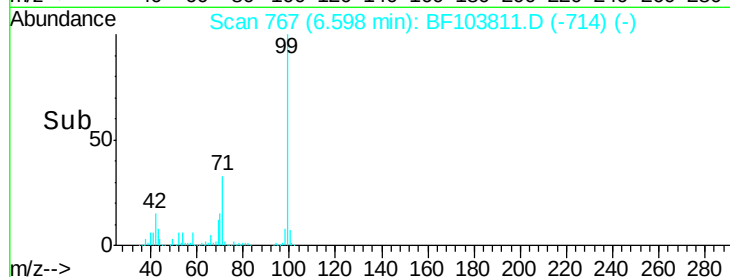
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.6	25.4	38.0



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: 2.594 ng

RT: 6.60 min Scan# 768

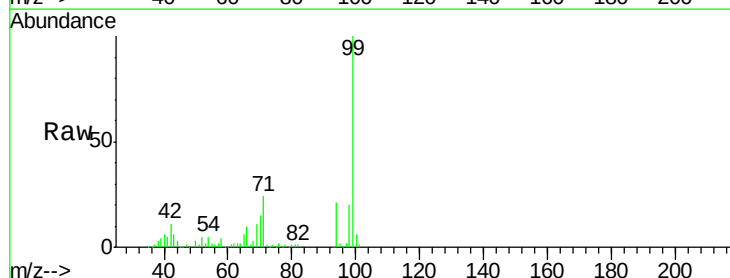
Delta R.T. 0.01 min

Lab File: BF103811.D

Acq: 20 Mar 2018 19:17

Tgt Ion: 94 Resp: 33141

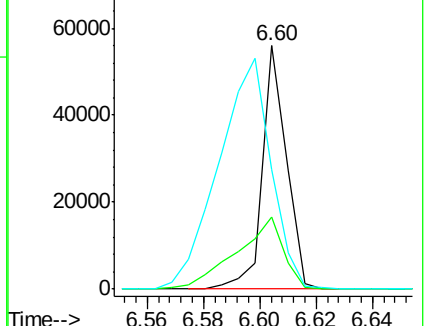
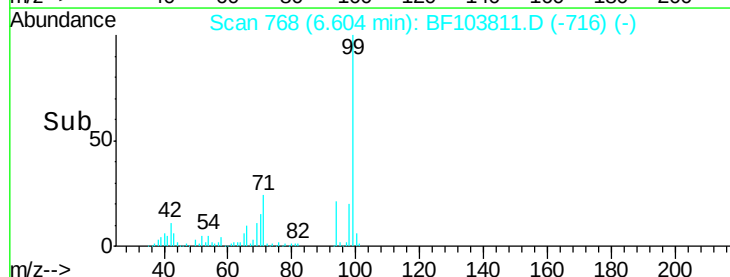
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	49.3	16.2	56.2

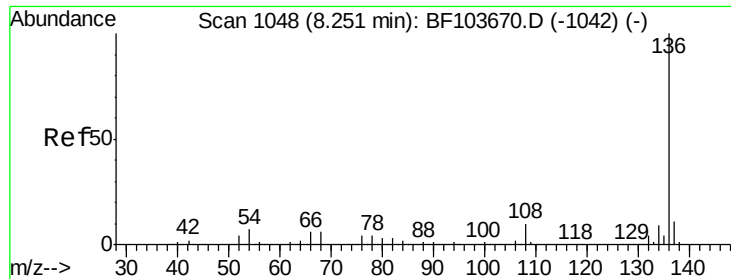


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103811.D

Acq: 20 Mar 2018 19:17

Instrument :

BNA_F

ClientSampleId :

FS-SOIL

Tot Ion:136 Resp: 579171

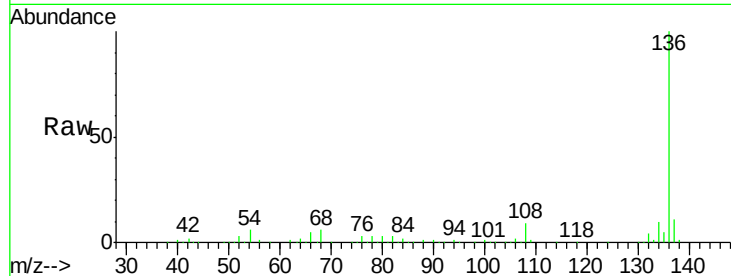
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.2 6.6 9.8#

68 5.5 5.0 7.4

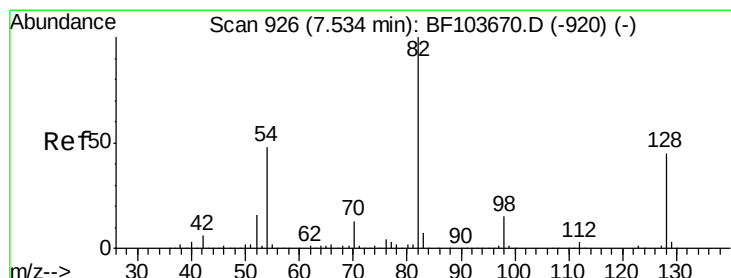
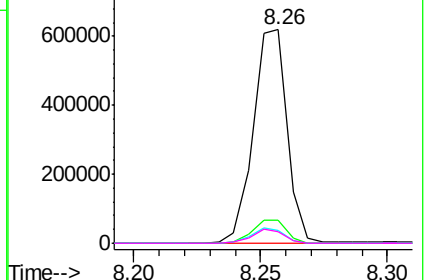
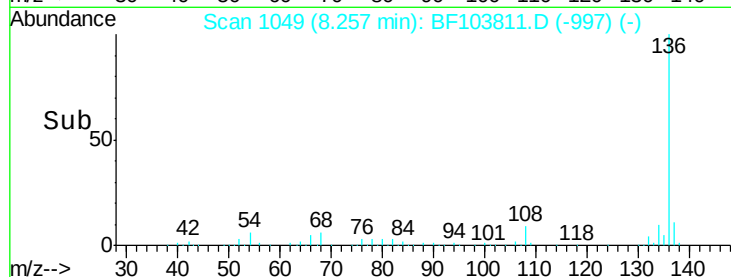


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.925 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103811.D

Acq: 20 Mar 2018 19:17

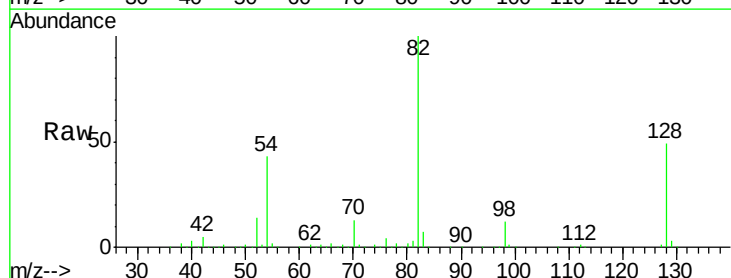
Tgt Ion: 82 Resp: 904644

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

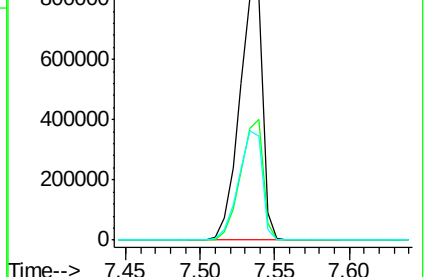
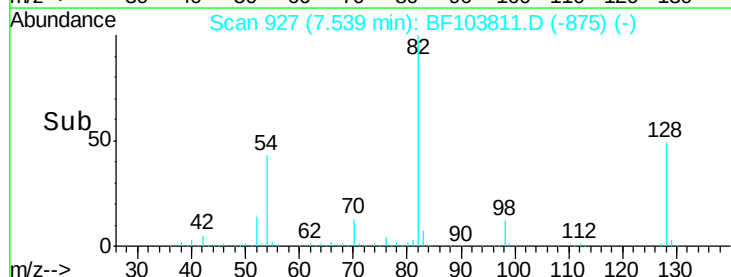
54 43.0 41.4 62.2

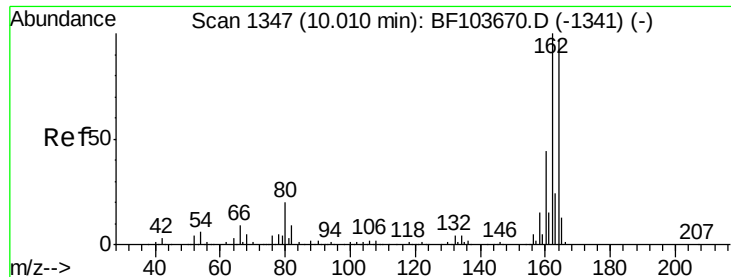


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

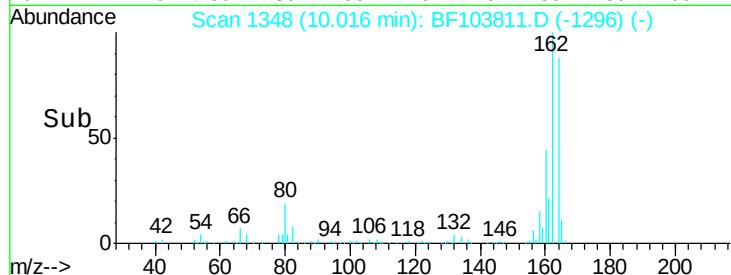
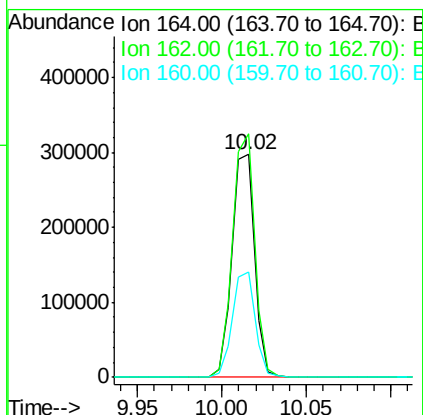
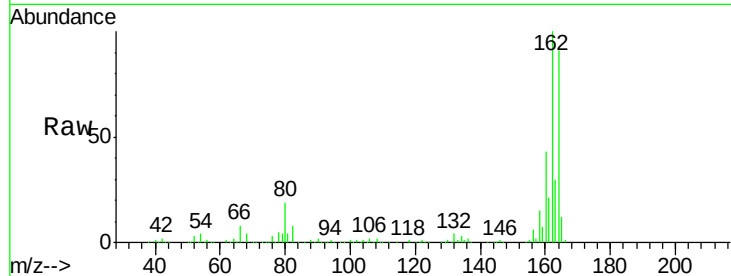




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

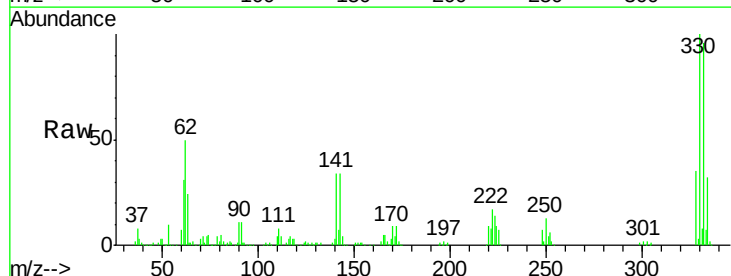
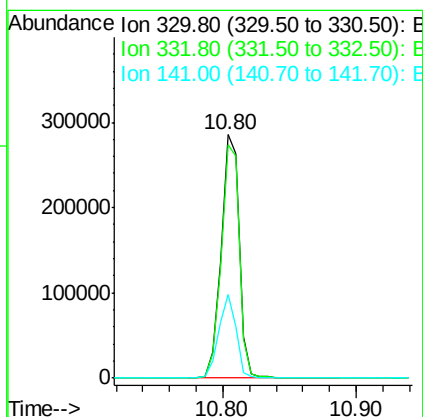
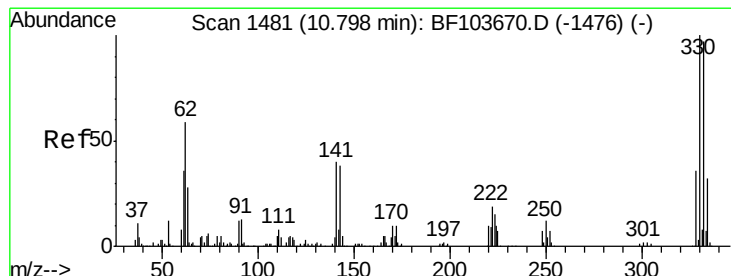
Instrument :
BNA_F
ClientSampleId :
FS-SOIL

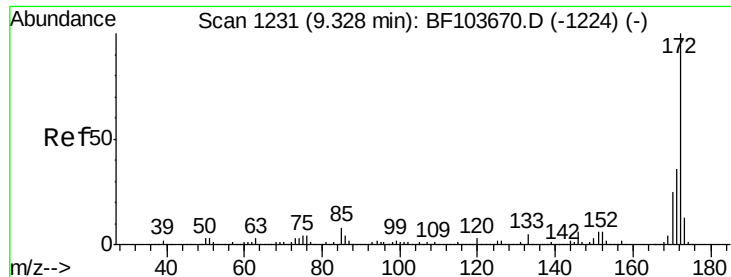
Tot Ion:164 Resp: 275211
Ion Ratio Lower Upper
164 100
162 109.3 86.1 129.1
160 47.4 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 115.800 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

Tgt Ion:330 Resp: 274015
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 33.0 29.9 44.9



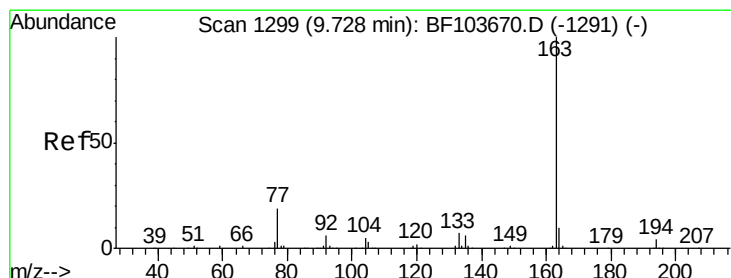
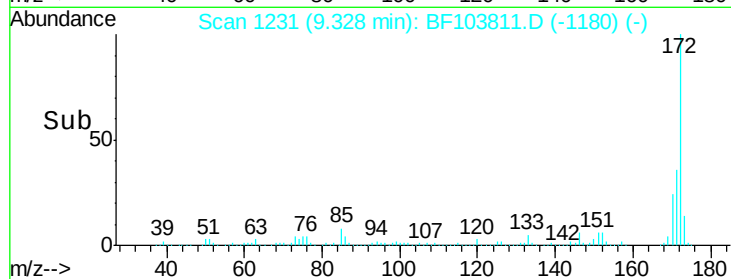
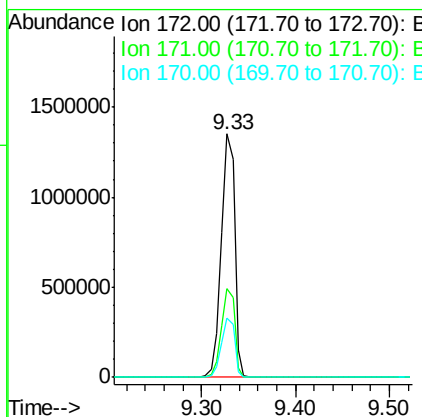
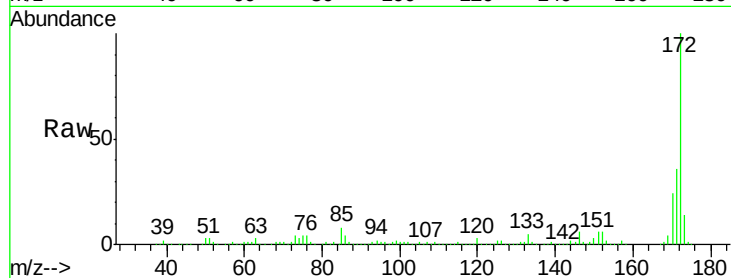


#44
 2-Fluorobiphenyl
 Concen: 78.714 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103811.D
 Acq: 20 Mar 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 FS-SOIL

Tot Ion:172 Resp: 1358049

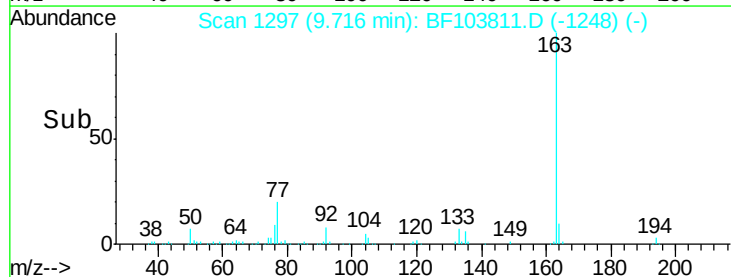
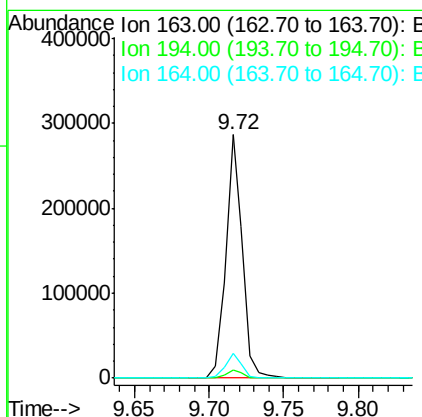
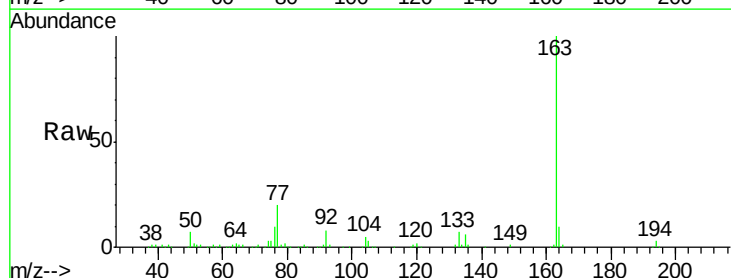
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

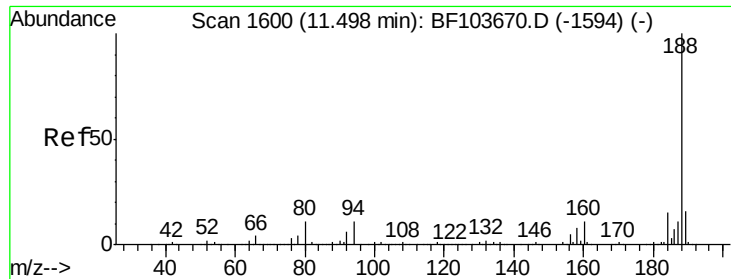


#49
 Dimethylphthalate
 Concen: 10.601 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF103811.D
 Acq: 20 Mar 2018 19:17

Tgt Ion:163 Resp: 222594

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2

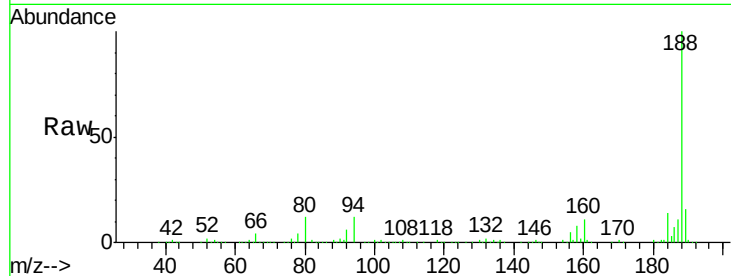




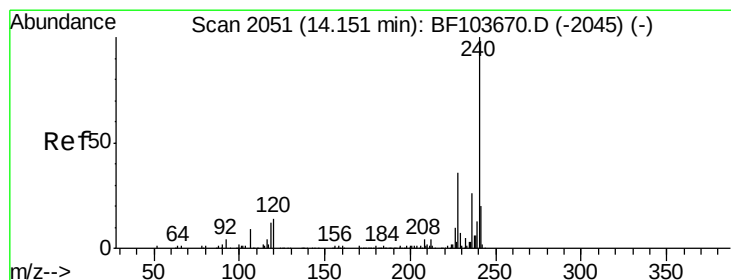
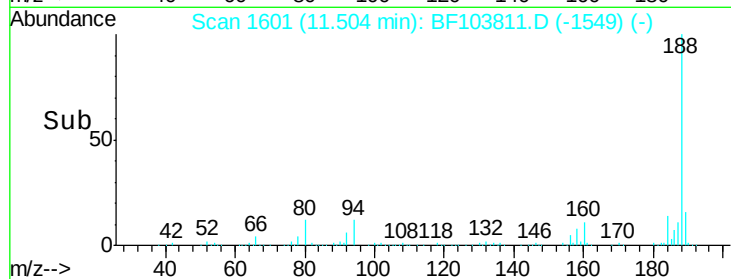
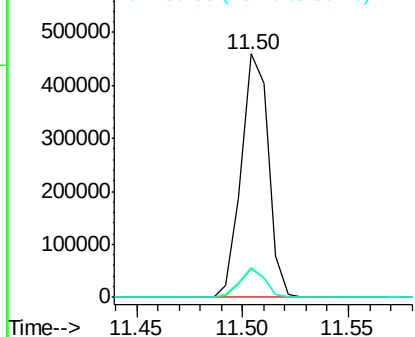
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

Instrument :
BNA_F
ClientSampleId :
FS-SOIL

Tot Ion:188 Resp: 409958
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.4 9.2 13.8

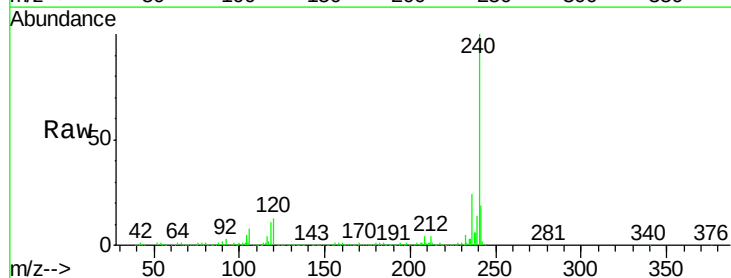


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

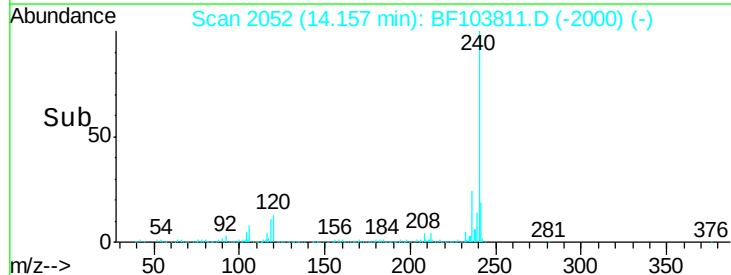
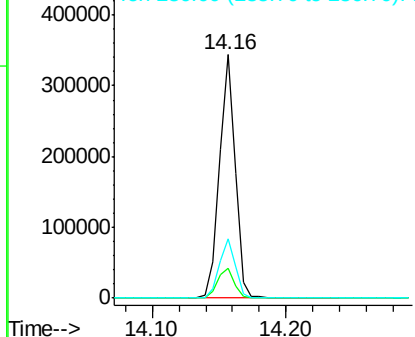


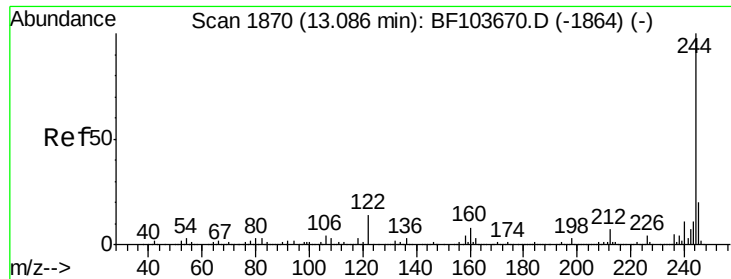
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103811.D
Acq: 20 Mar 2018 19:17

Tgt Ion:240 Resp: 287674
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.3 20.7 31.1



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

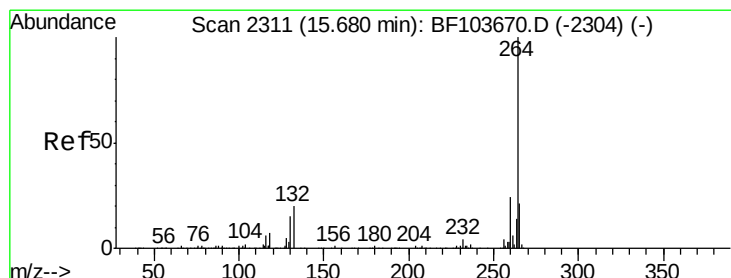
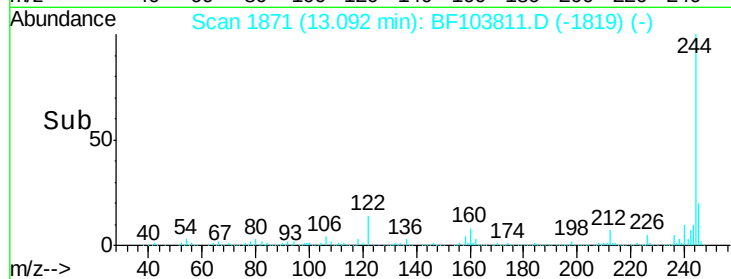
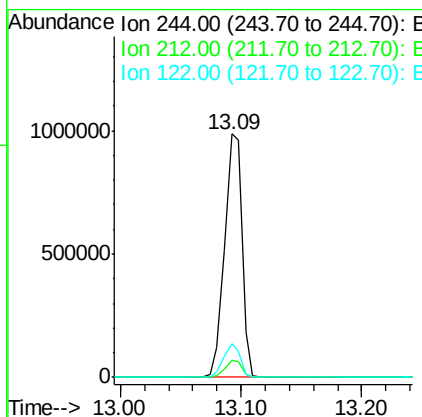
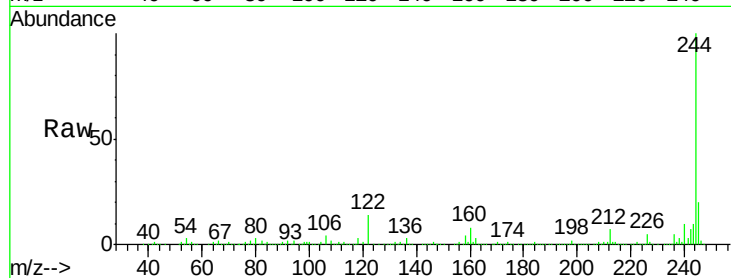




#78
 Terphenyl-d14
 Concen: 79.703 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103811.D
 Acq: 20 Mar 2018 19:17

Instrument :
 BNA_F
 ClientSampled :
 FS-SOIL

Tot Ion:244 Resp: 987808
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103811.D
 Acq: 20 Mar 2018 19:17

Tgt Ion:264 Resp: 266198
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.5 26.3

