

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104099.D
 Acq On : 30 Mar 2018 18:14
 Operator : JU/SJ
 Sample : J2103-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Quant Time: Mar 30 23:38:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

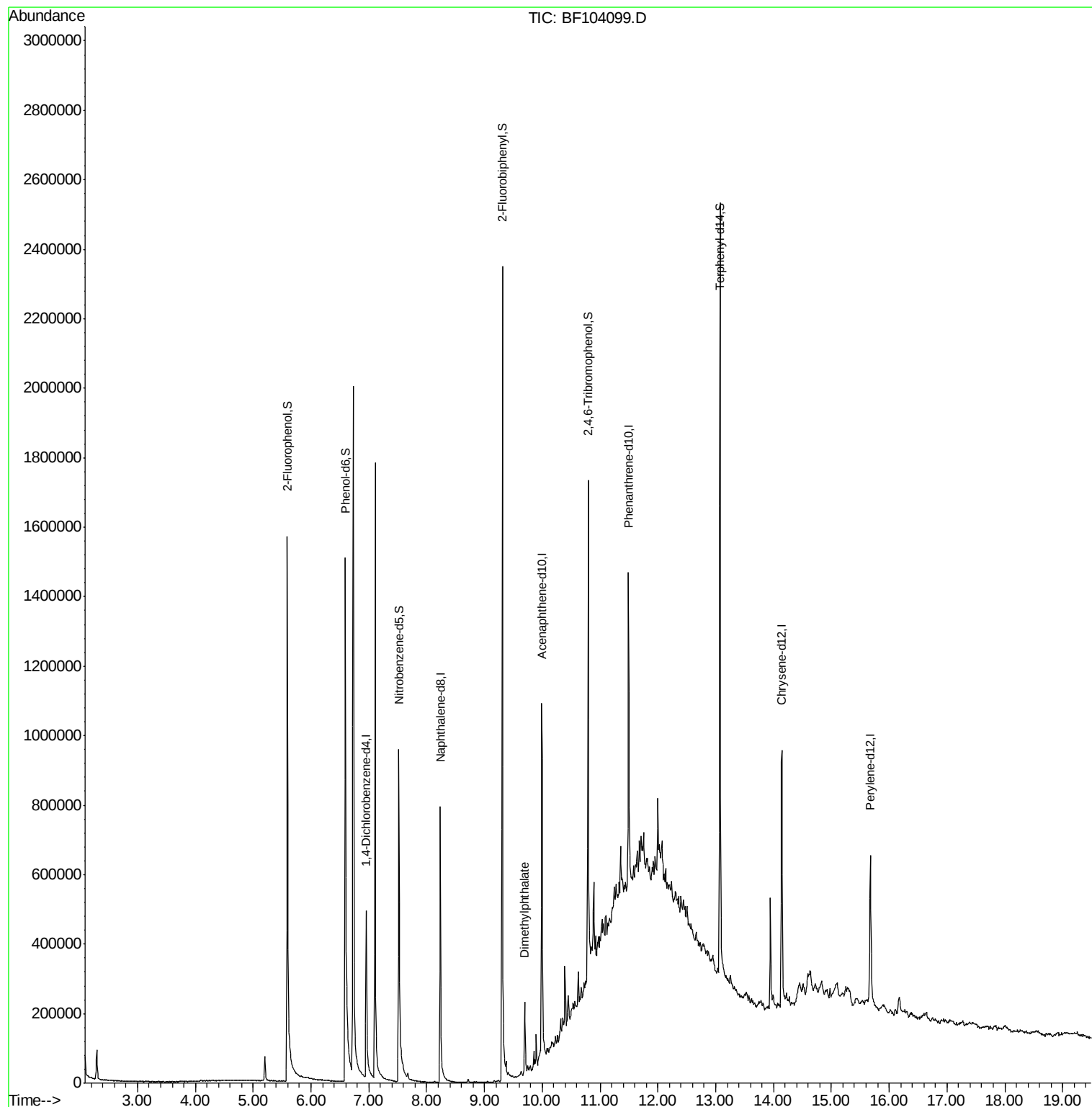
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	119160	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	508384	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	237607	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	410648	20.00	ng	0.00
75) Chrysene-d12	14.14	240	332557	20.00	ng	0.00
86) Perylene-d12	15.67	264	267942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	694104	92.89	ng	0.01
7) Phenol-d6	6.59	99	911812	99.19	ng	0.00
23) Nitrobenzene-d5	7.52	82	533424	64.17	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	231470	87.49	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	896979	59.53	ng	0.00
78) Terphenyl-d14	13.07	244	916040	63.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	87599	4.669	ng	Qvalue # 99

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

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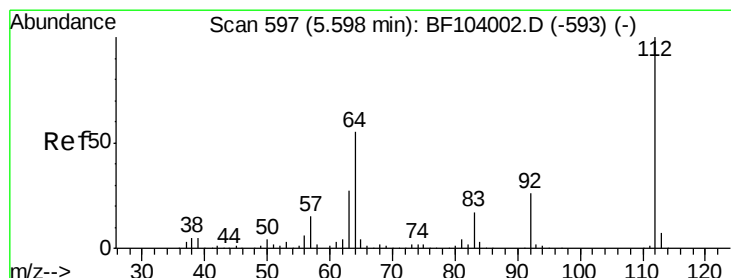
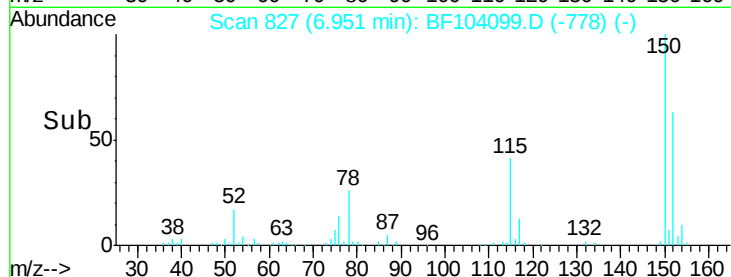
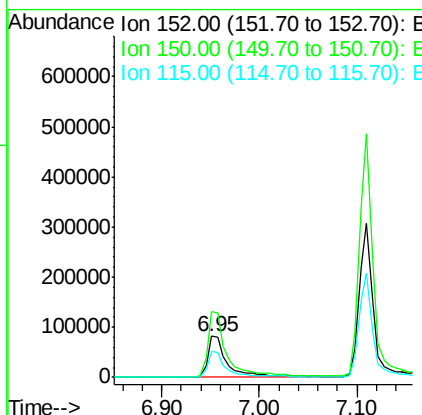
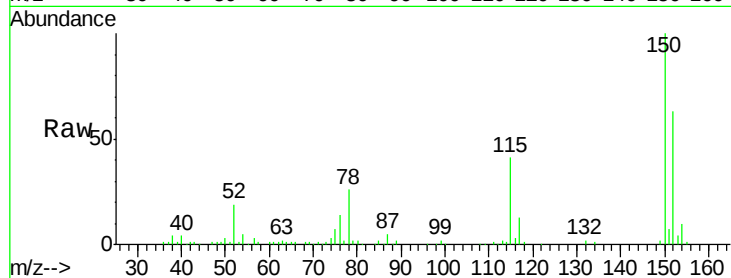


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

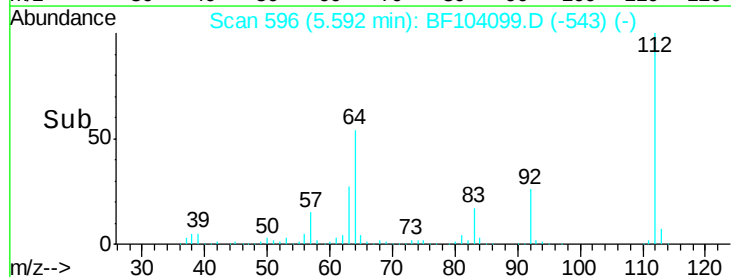
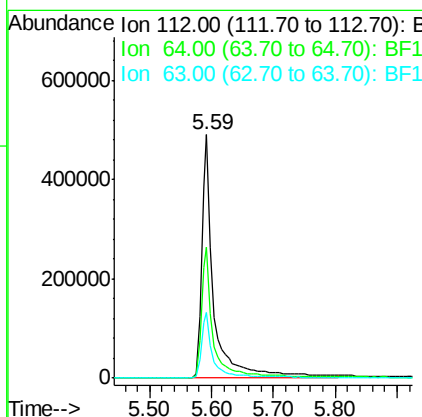
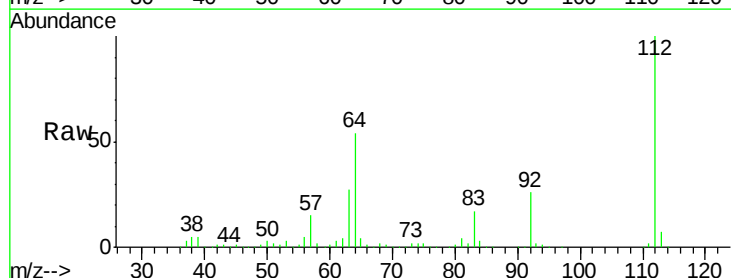
Tot Ion:152 Resp: 119160
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 65.0 50.1 75.1



#5

2-Fluorophenol
 Concen: 92.894 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

Tgt Ion:112 Resp: 694104
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 27.0 23.7 35.5





#7

Phenol-d6

Concen: 99.187 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

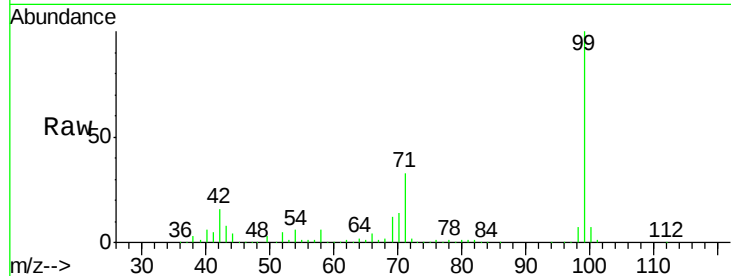
Tot Ion: 99 Resp: 911812

Ion Ratio Lower Upper

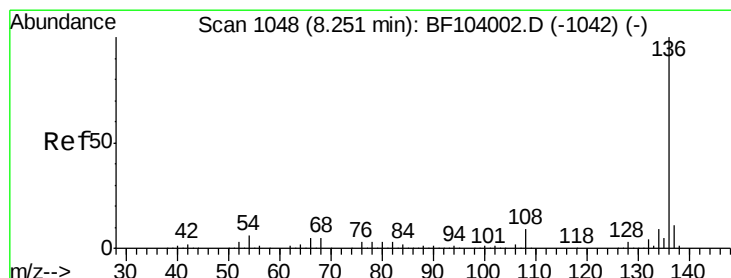
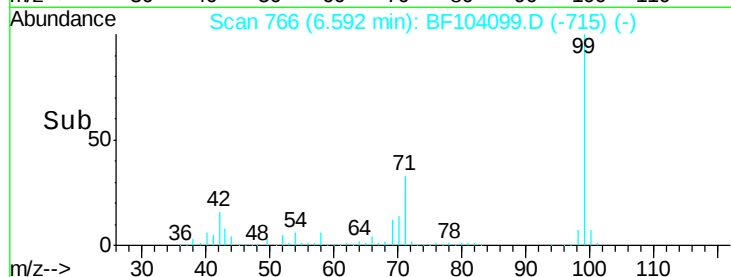
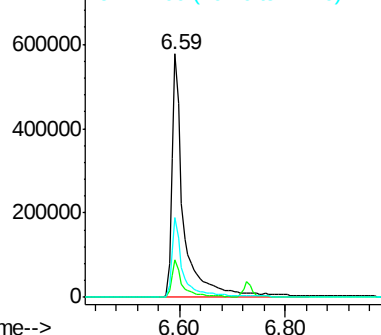
99 100

42 15.6 14.5 21.7

71 32.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Tgt Ion: 136 Resp: 508384

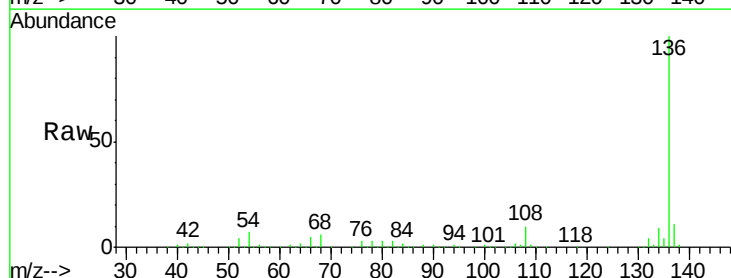
Ion Ratio Lower Upper

136 100

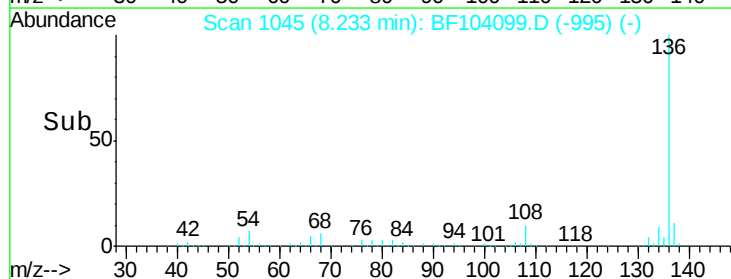
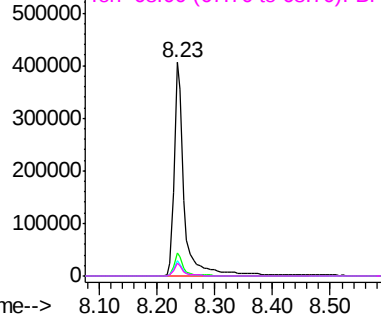
137 10.9 8.9 13.3

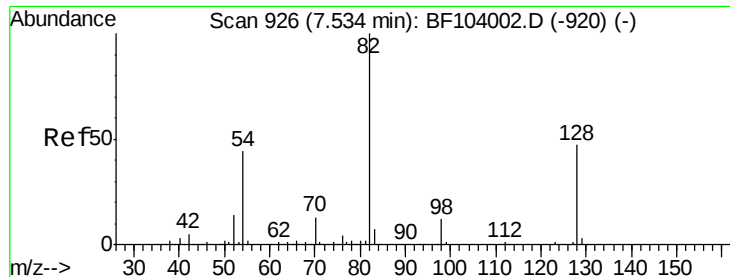
54 7.1 6.6 9.8

68 6.1 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

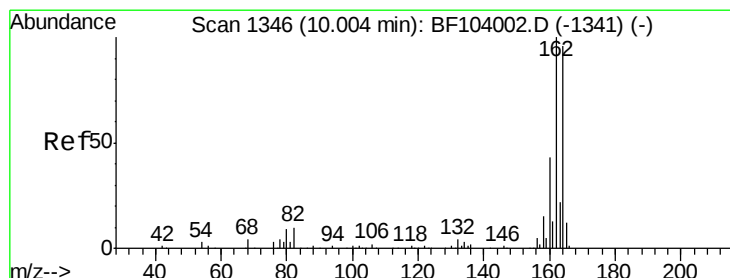
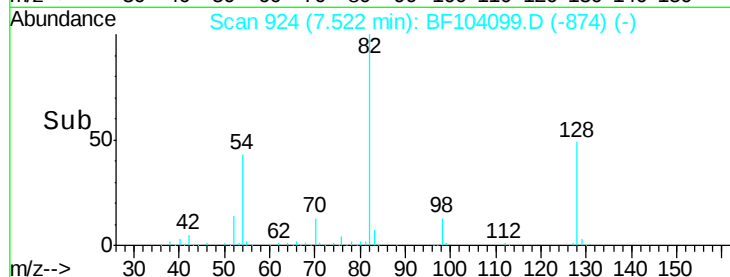
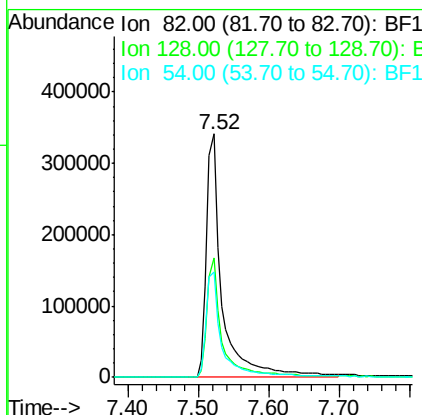
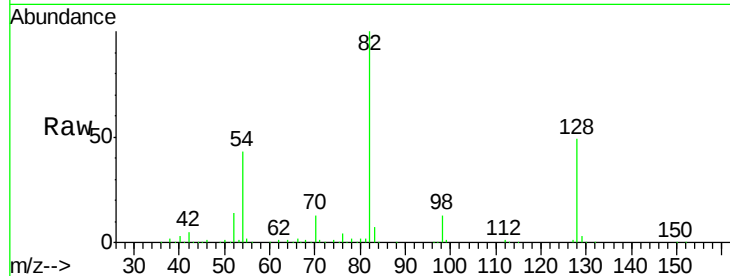




#23
 Nitrobenzene-d5
 Concen: 64.168 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

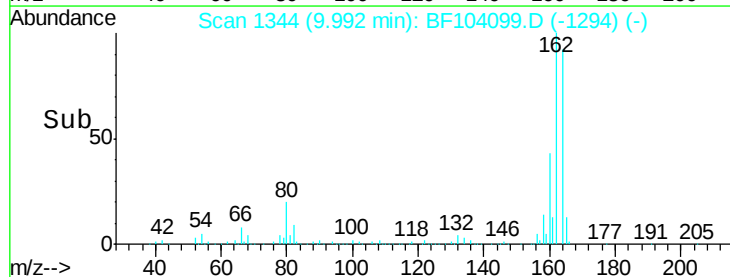
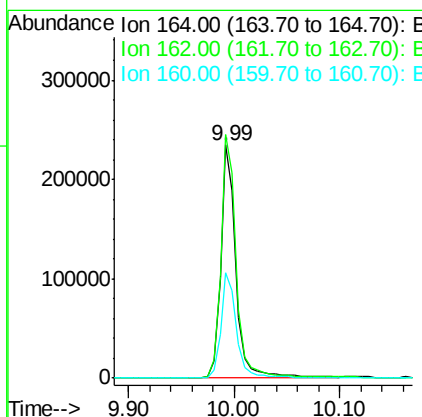
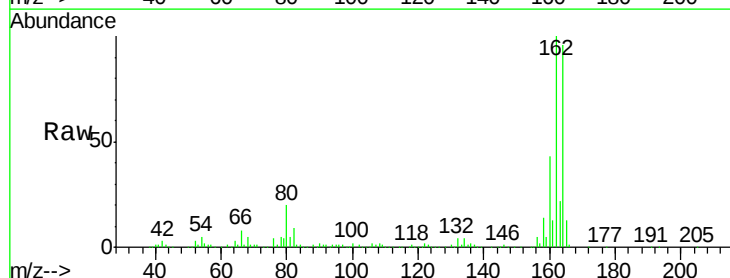
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tot Ion: 82 Resp: 533424
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 43.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

Tgt Ion:164 Resp: 237607
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.3 38.3 57.5

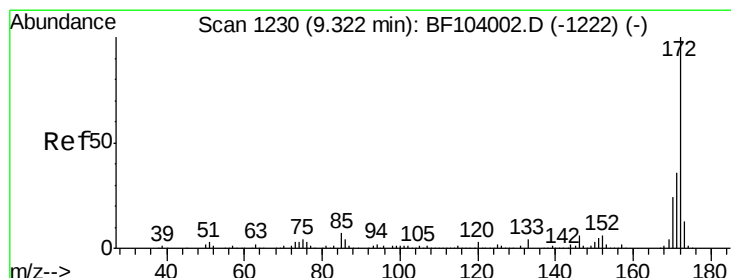
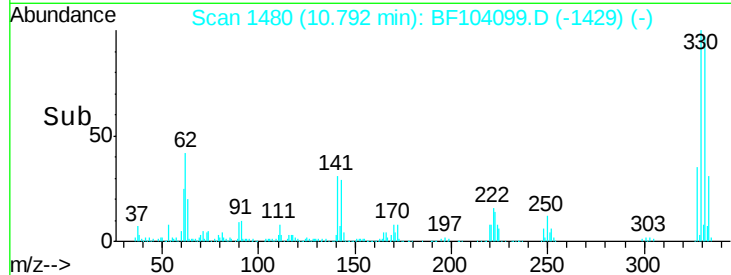
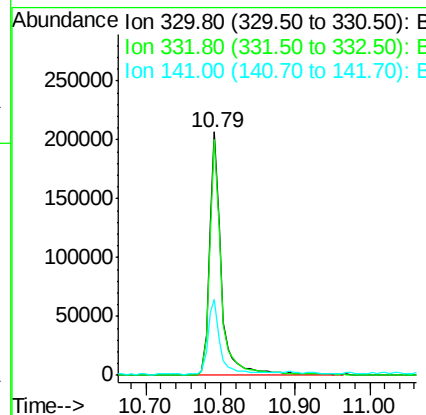
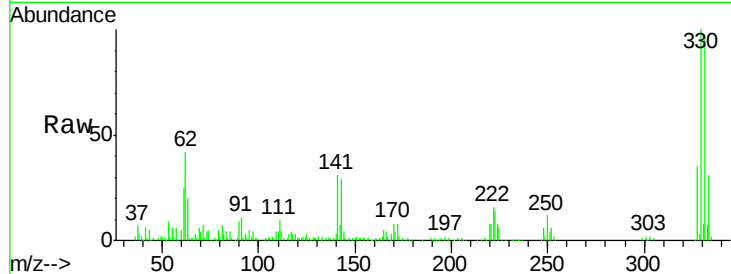




#41
 2,4,6-Tribromophenol
 Concen: 87.487 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

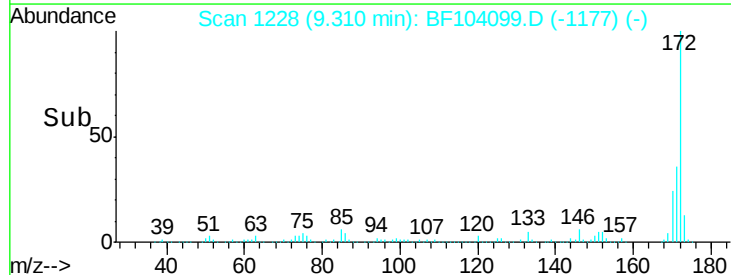
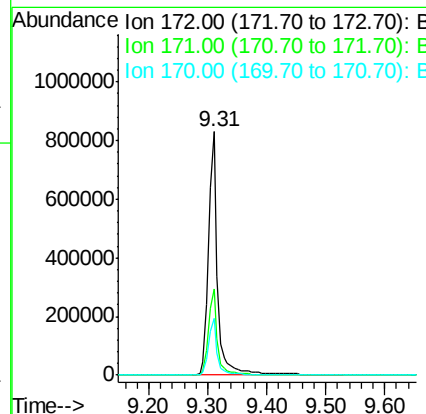
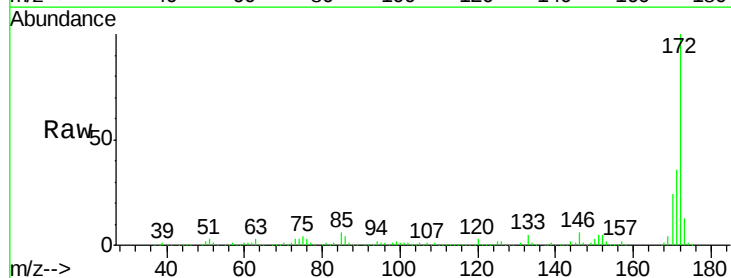
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

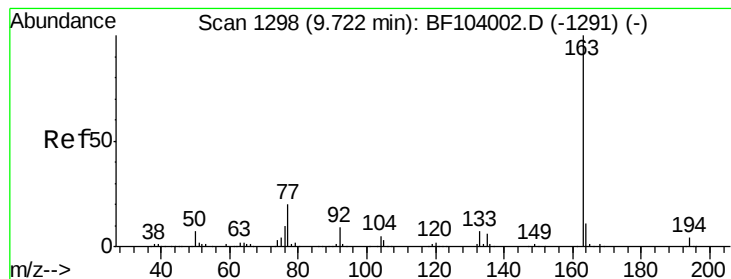
Tot Ion	330	332	141
Resp	231470		
Ratio	100	94.1	30.6
Lower		77.0	29.9
Upper		115.6	44.9



#44
 2-Fluorobiphenyl
 Concen: 59.529 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104099.D
 Acq: 30 Mar 2018 18:14

Tgt Ion	172	171	170
Resp	896979		
Ratio	100	35.6	23.5
Lower		29.7	19.6
Upper		44.5	29.4





#49

Dimethylphthalate

Concen: 4.669 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

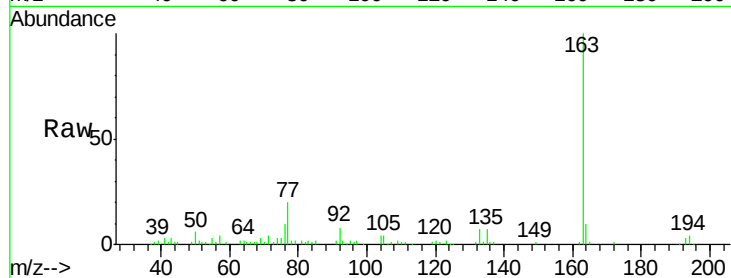
Tot Ion:163 Resp: 87599

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

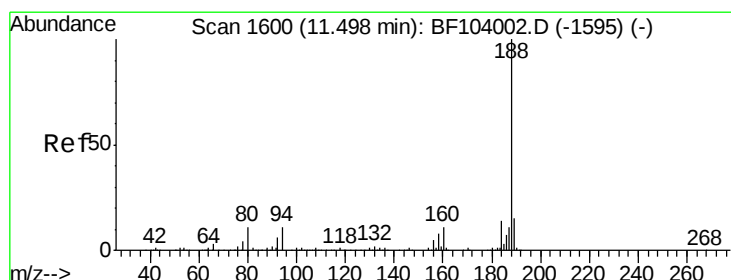
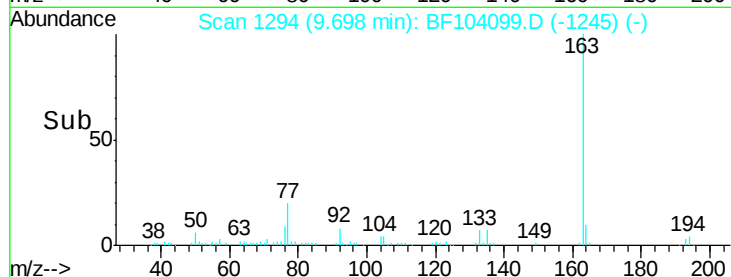
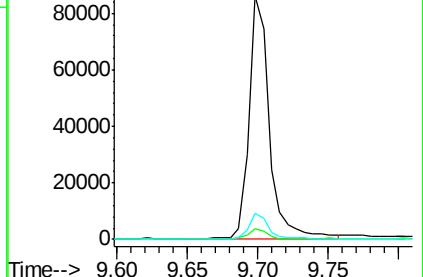
164 10.4 8.2 12.2



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: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

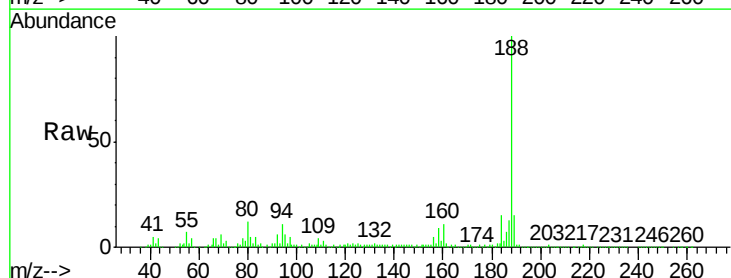
Tgt Ion:188 Resp: 410648

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

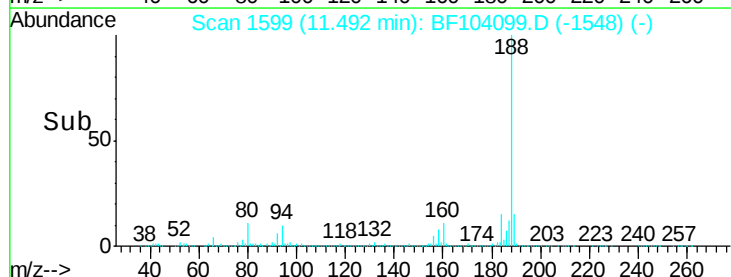
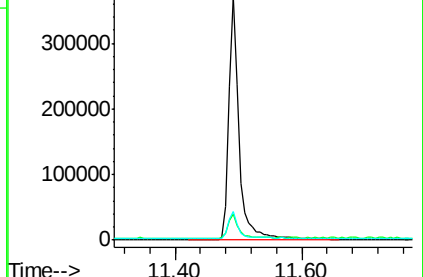
80 11.5 9.2 13.8

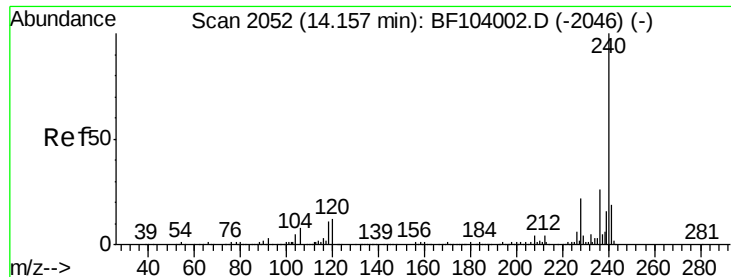


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.14 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

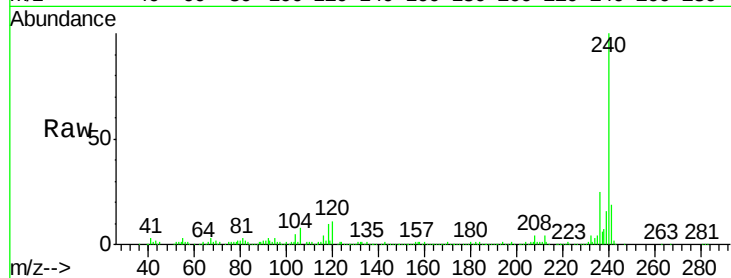
Tot Ion:240 Resp: 332557

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

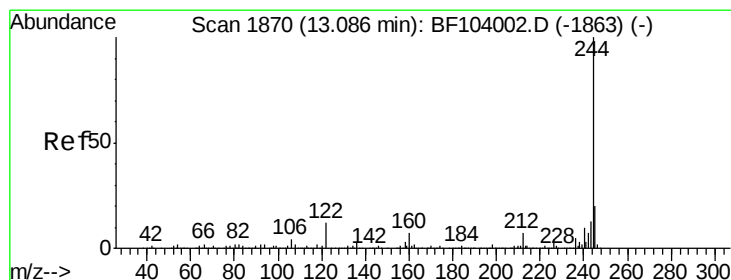
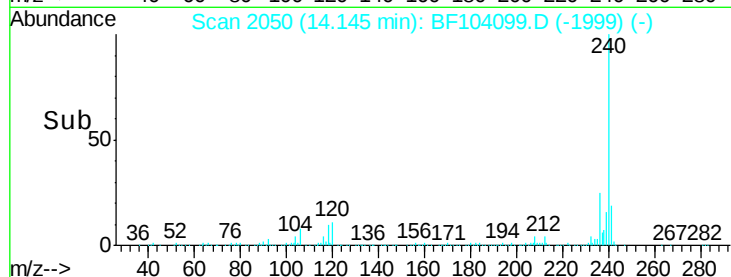
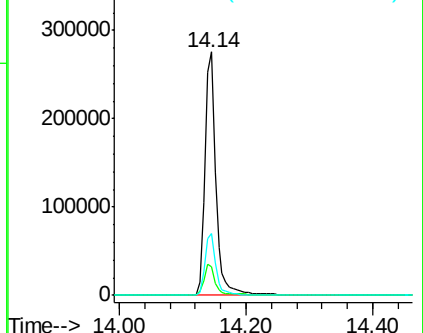
236 25.4 20.7 31.1



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: 63.601 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104099.D

Acq: 30 Mar 2018 18:14

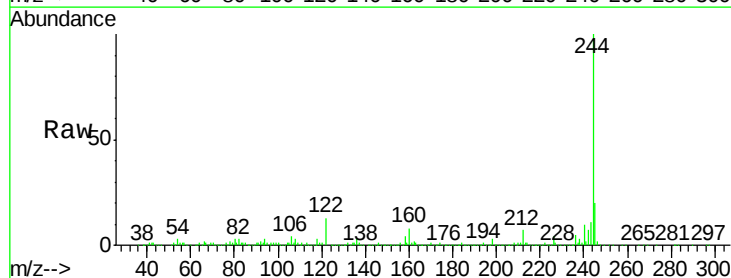
Tgt Ion:244 Resp: 916040

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

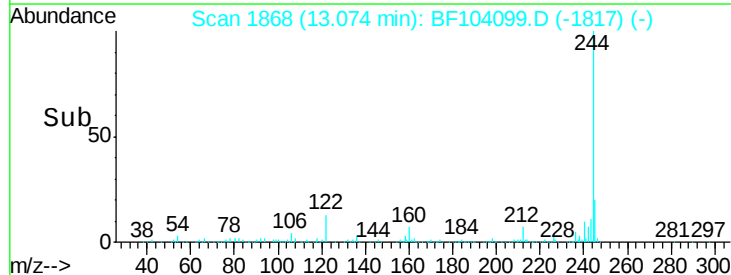
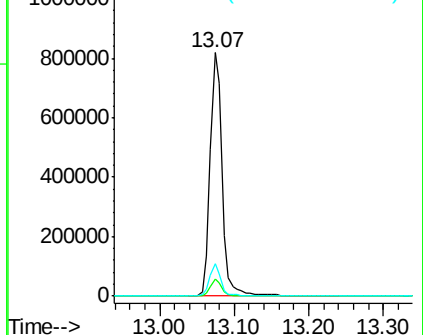
122 13.1 11.0 16.4

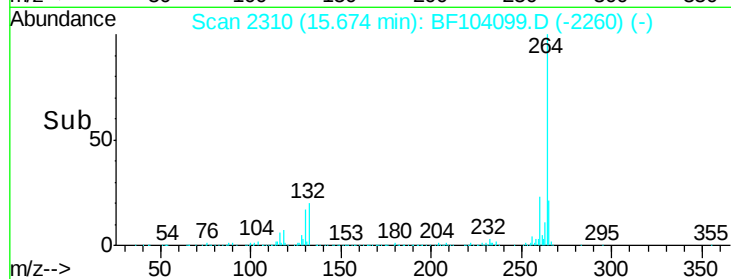
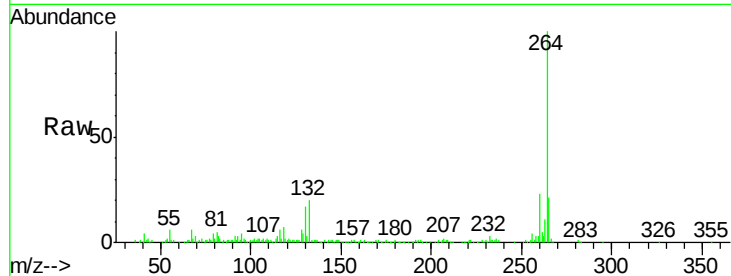
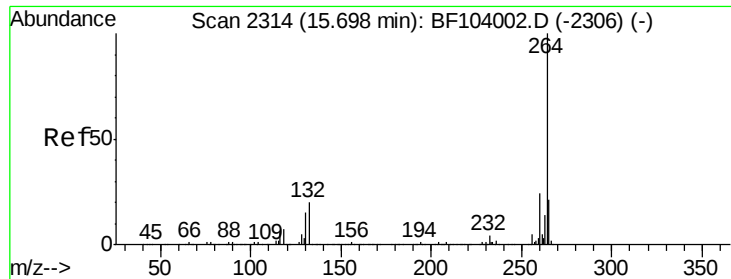


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104099.D
Acq: 30 Mar 2018 18:14

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

Tot Ion: 264 Resp: 267942

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3

