

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104069.D
 Acq On : 29 Mar 2018 23:19
 Operator : JU/SJ
 Sample : J2103-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Quant Time: Mar 30 05:50:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

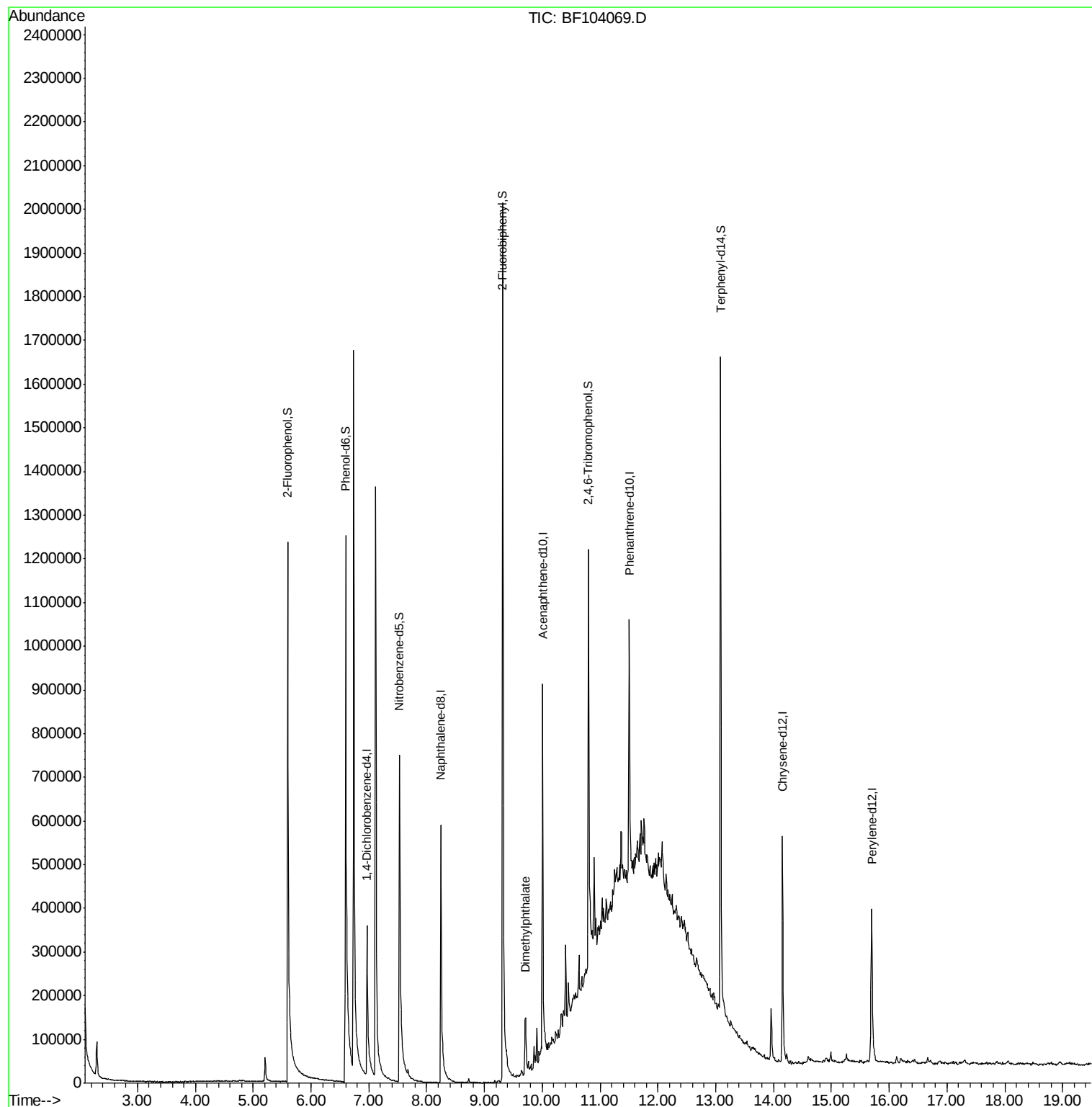
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112960	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465065	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	214900	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	315692	20.00	ng	0.00
75) Chrysene-d12	14.16	240	230602	20.00	ng	0.00
86) Perylene-d12	15.70	264	226792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	648425	91.54	ng	0.00
7) Phenol-d6	6.60	99	818852	93.96	ng	0.00
23) Nitrobenzene-d5	7.53	82	516319	67.90	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	185019	77.32	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	853398	62.62	ng	0.00
78) Terphenyl-d14	13.09	244	619957	62.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	81120	4.781	ng	Qvalue 98

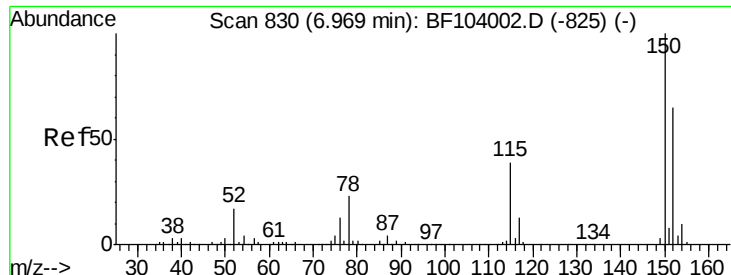
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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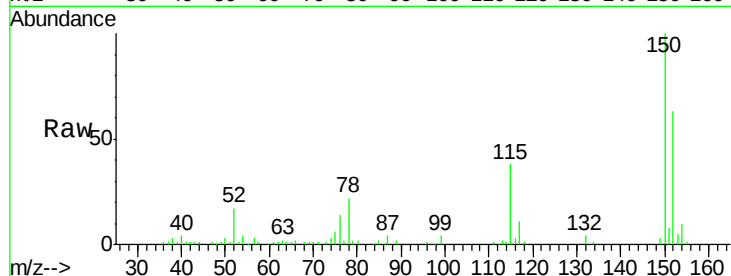


#1

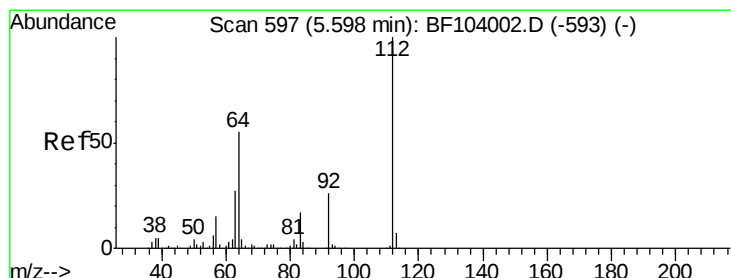
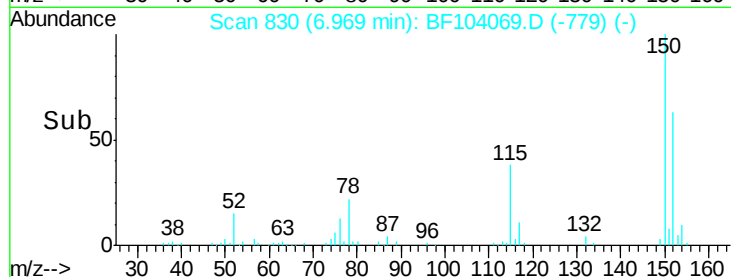
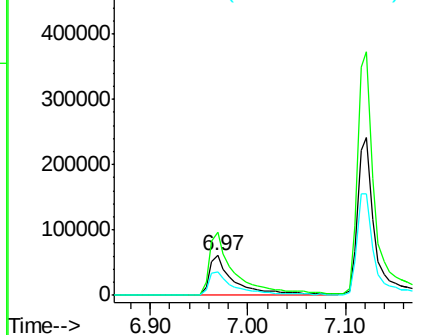
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tot Ion:152 Resp: 112960
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 60.2 50.1 75.1



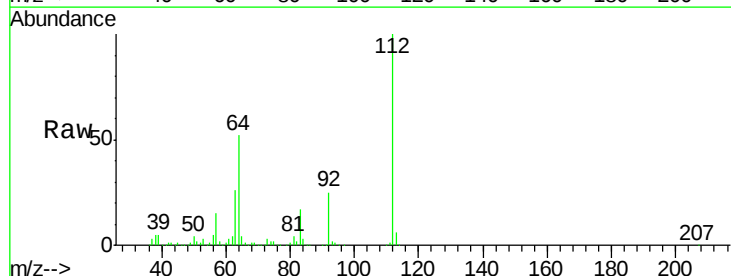
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



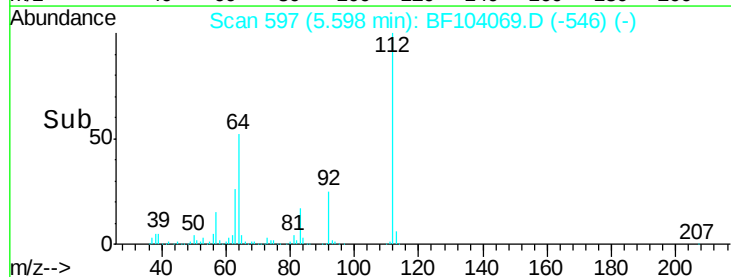
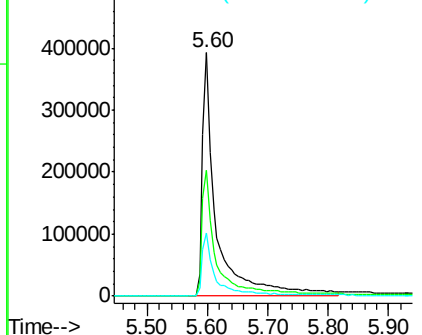
#5

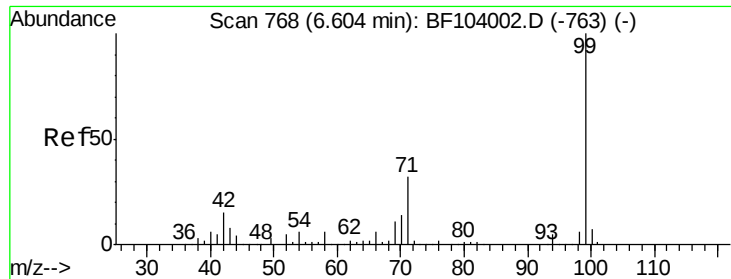
2-Fluorophenol
 Concen: 91.543 ng
 RT: 5.60 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

Tgt Ion:112 Resp: 648425
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 26.1 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: 93.964 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104069.D

Acq: 29 Mar 2018 23:19

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

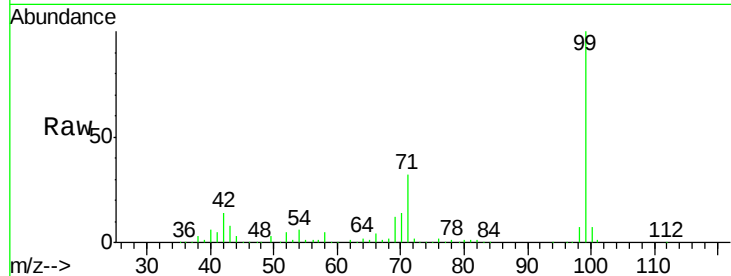
Tot Ion: 99 Resp: 818852

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

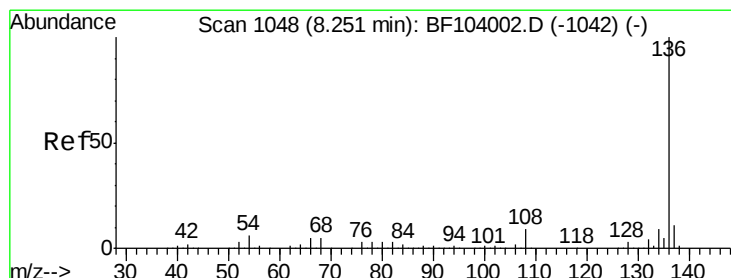
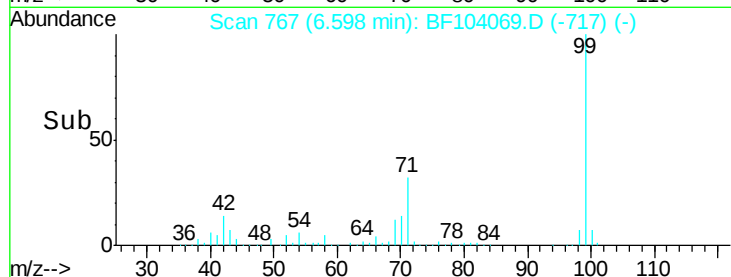
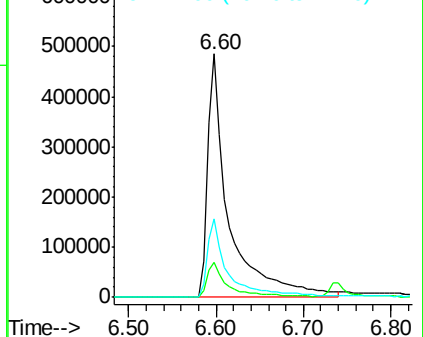
71 32.0 25.4 38.0



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: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104069.D

Acq: 29 Mar 2018 23:19

Tgt Ion: 136 Resp: 465065

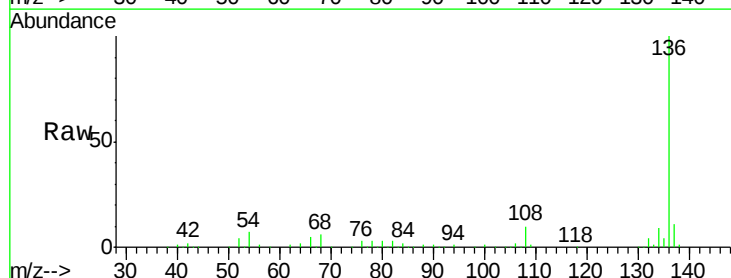
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

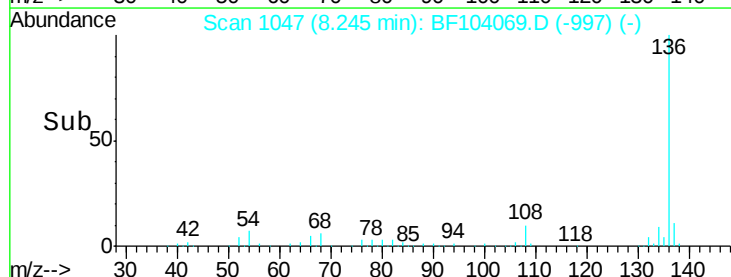
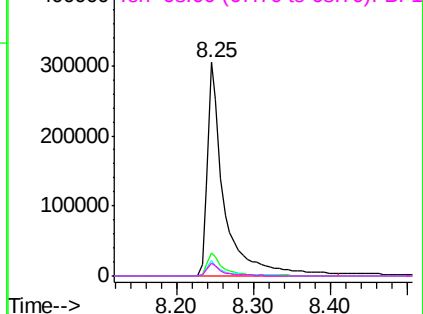


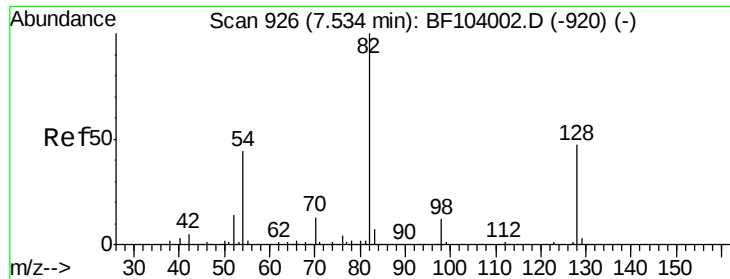
Abundance Ion 136.00 (135.70 to 136.70): E

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

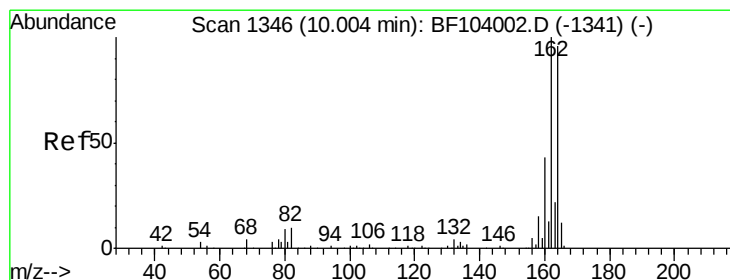
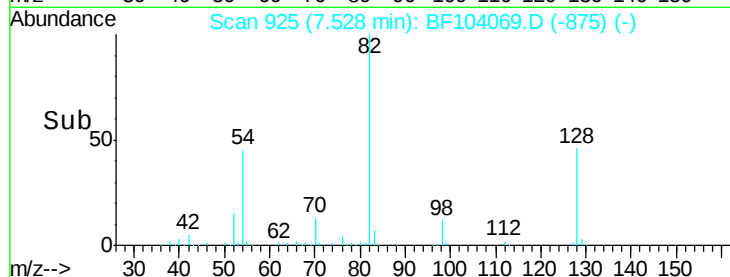
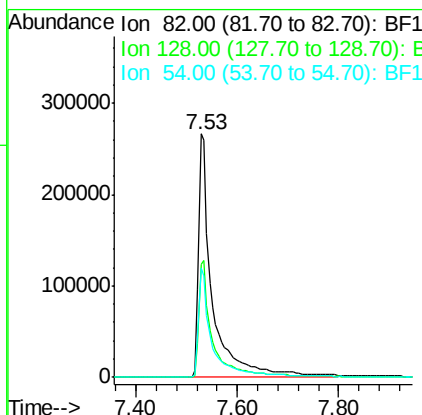
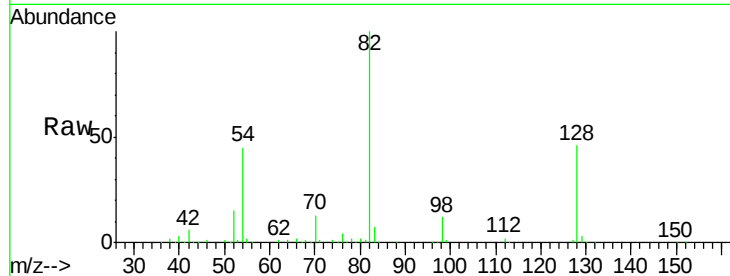




#23
 Nitrobenzene-d5
 Concen: 67.895 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

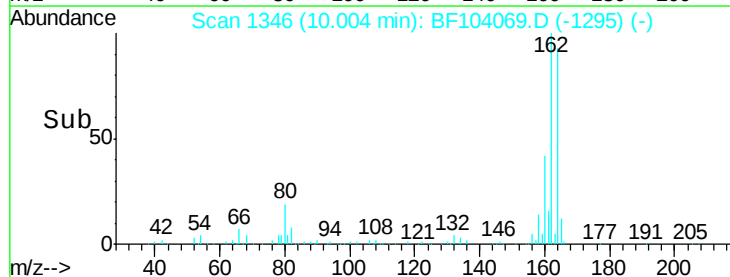
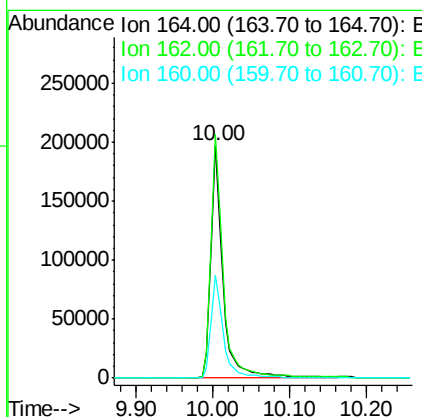
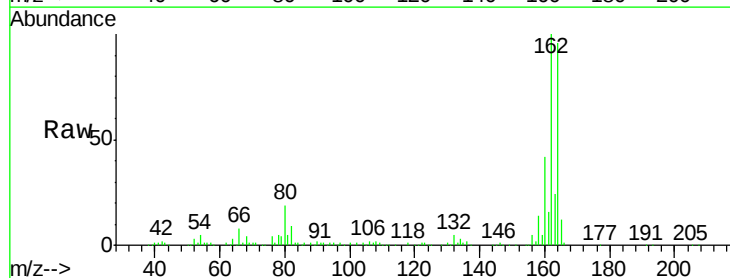
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

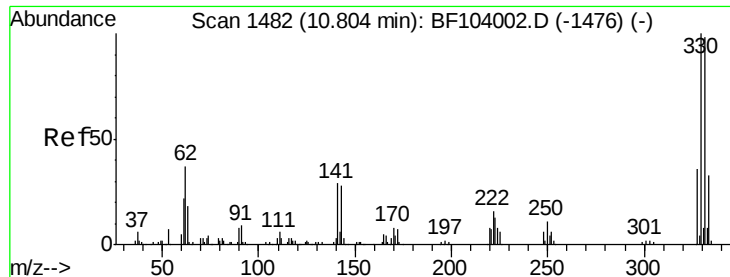
Tot Ion: 82 Resp: 516319
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 44.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

Tgt Ion:164 Resp: 214900
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 44.1 38.3 57.5

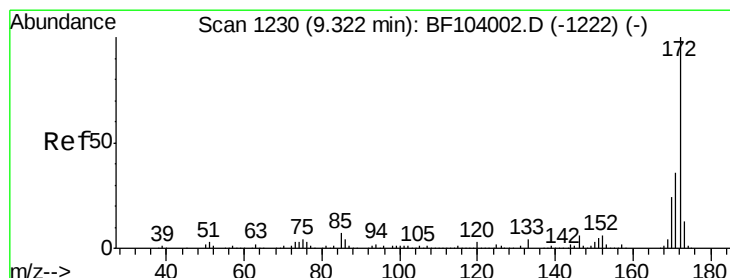
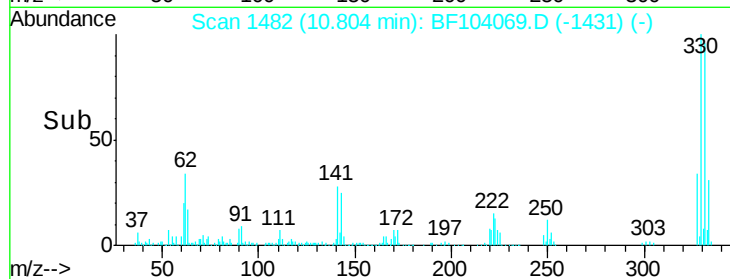
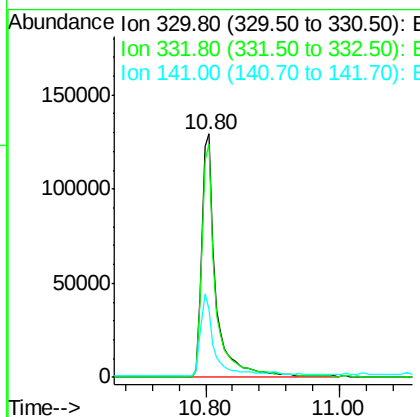
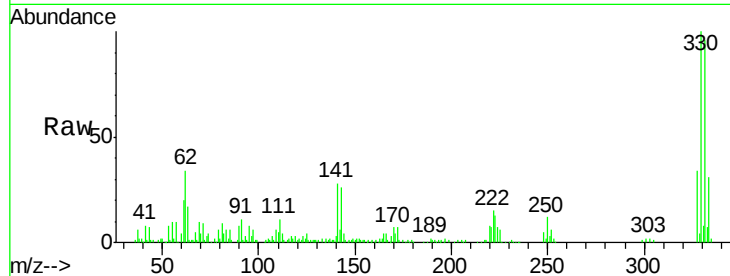




#41
 2,4,6-Tribromophenol
 Concen: 77.319 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

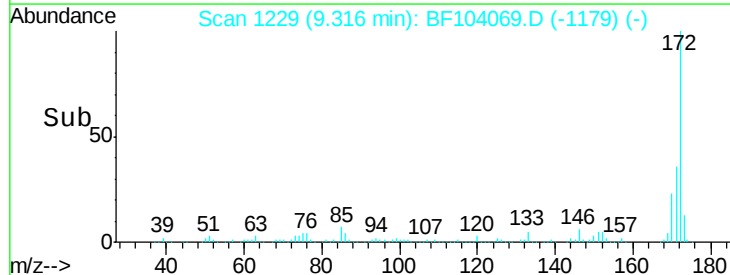
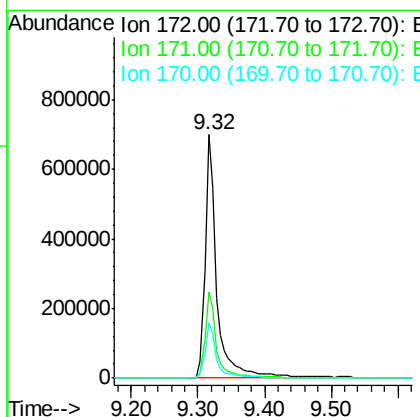
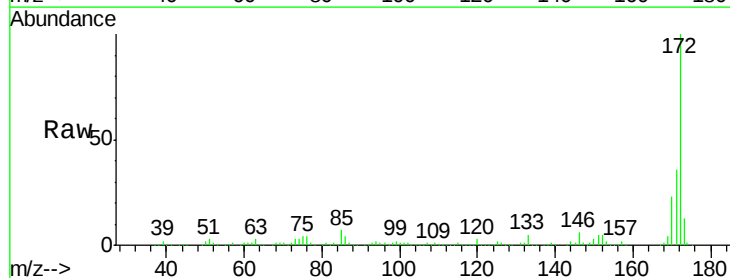
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

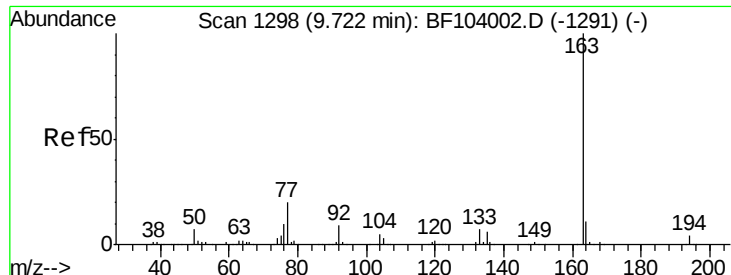
Tot Ion:330 Resp: 185019
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 31.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 62.622 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104069.D
 Acq: 29 Mar 2018 23:19

Tgt Ion:172 Resp: 853398
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 22.9 19.6 29.4

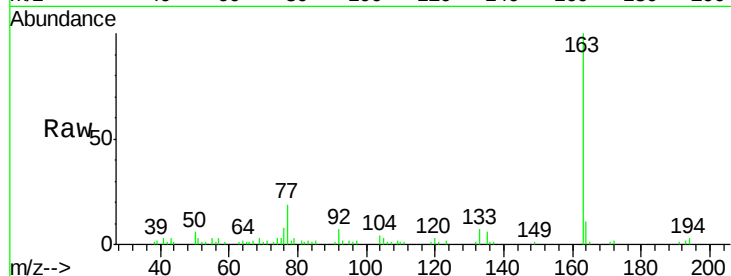




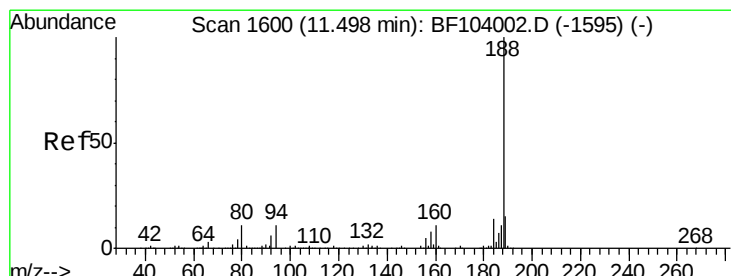
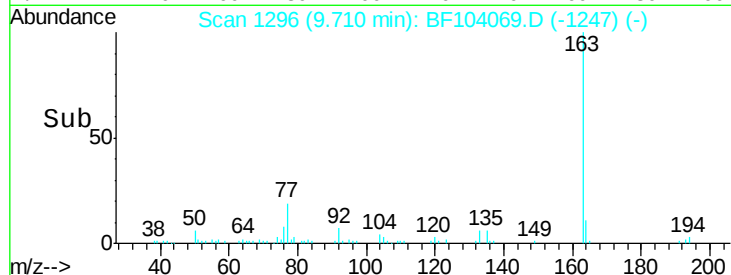
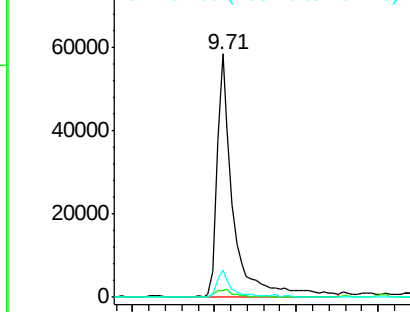
#49
Dimethylphthalate
Concen: 4.781 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

Tot Ion:163 Resp: 81120
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 11.2 8.2 12.2

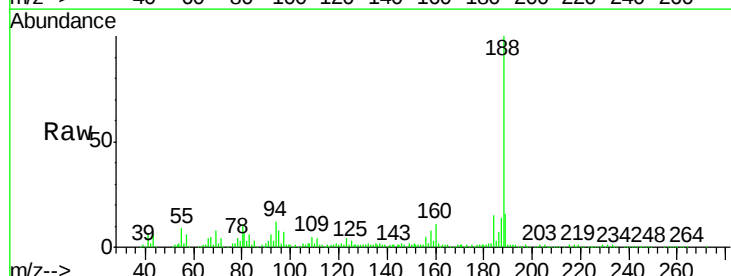


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

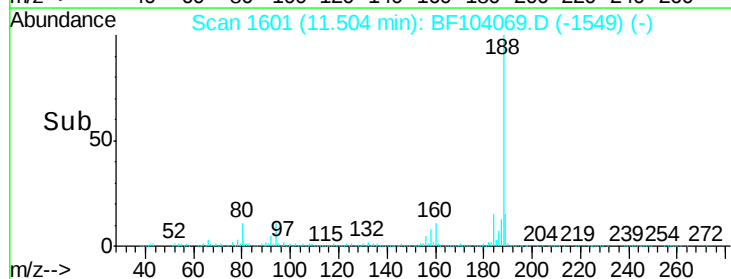
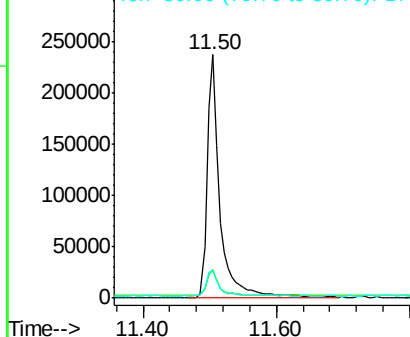


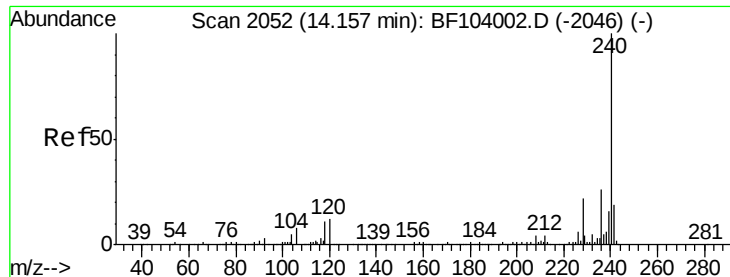
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Tgt Ion:188 Resp: 315692
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 11.4 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. -0.00 min

Lab File: BF104069.D

Acq: 29 Mar 2018 23:19

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

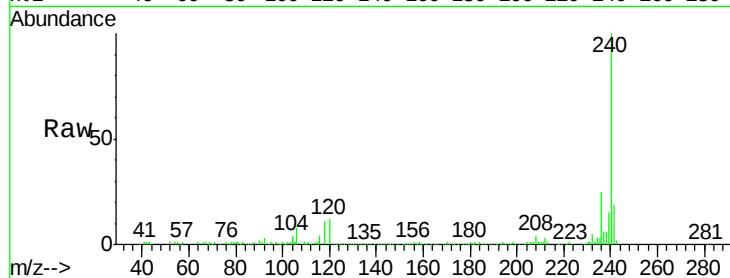
Tot Ion:240 Resp: 230602

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

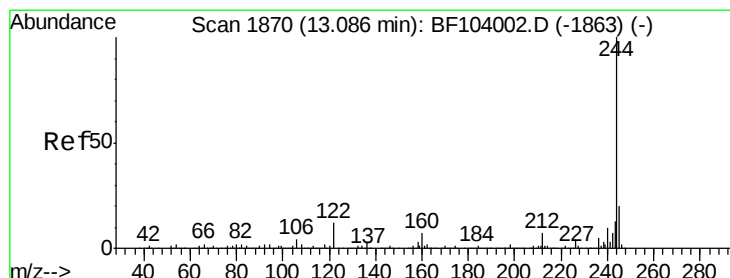
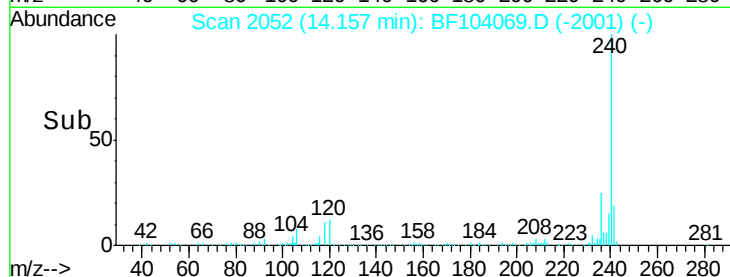
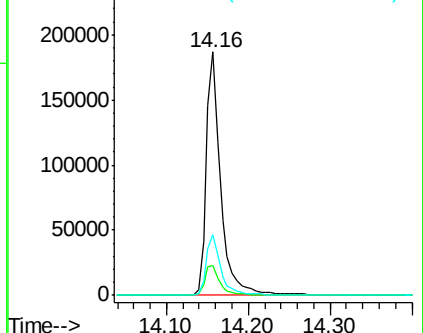
236 24.8 20.7 31.1



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: 62.075 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BF104069.D

Acq: 29 Mar 2018 23:19

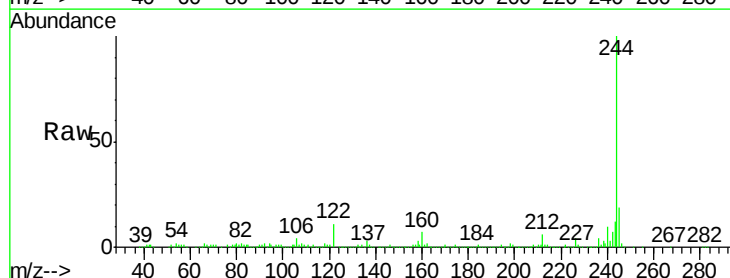
Tgt Ion:244 Resp: 619957

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

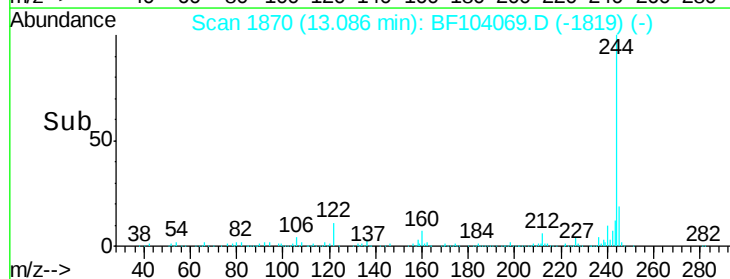
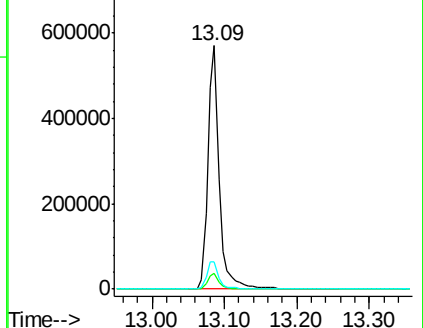
122 11.1 11.0 16.4

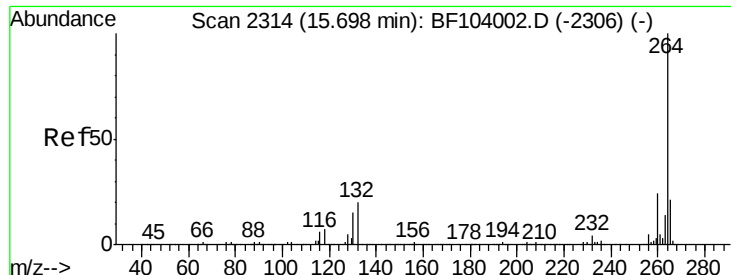


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

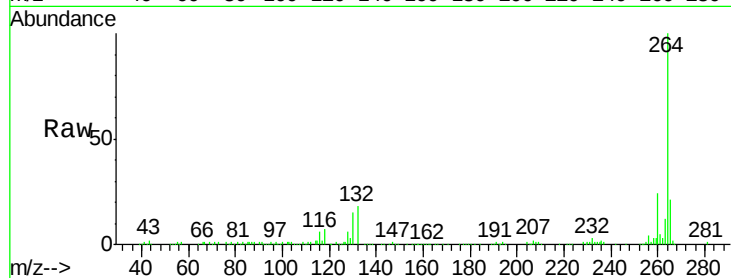




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104069.D
Acq: 29 Mar 2018 23:19

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

