

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105186.D
 Acq On : 9 May 2018 10:50
 Operator : JU/SJ
 Sample : J2754-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-PILE-2B

Quant Time: May 09 12:24:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 09 12:00:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	210599	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	847497	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	414973	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	823616	20.00	ng	0.00
75) Chrysene-d12	14.01	240	711730	20.00	ng	0.02
86) Perylene-d12	15.57	264	588064	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1560584	122.08	ng	0.02
7) Phenol-d6	6.42	99	1699990	111.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	1362911	108.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	690615	150.85	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	2493584	93.27	ng	0.00
78) Terphenyl-d14	12.92	244	2663054	86.91	ng	0.01

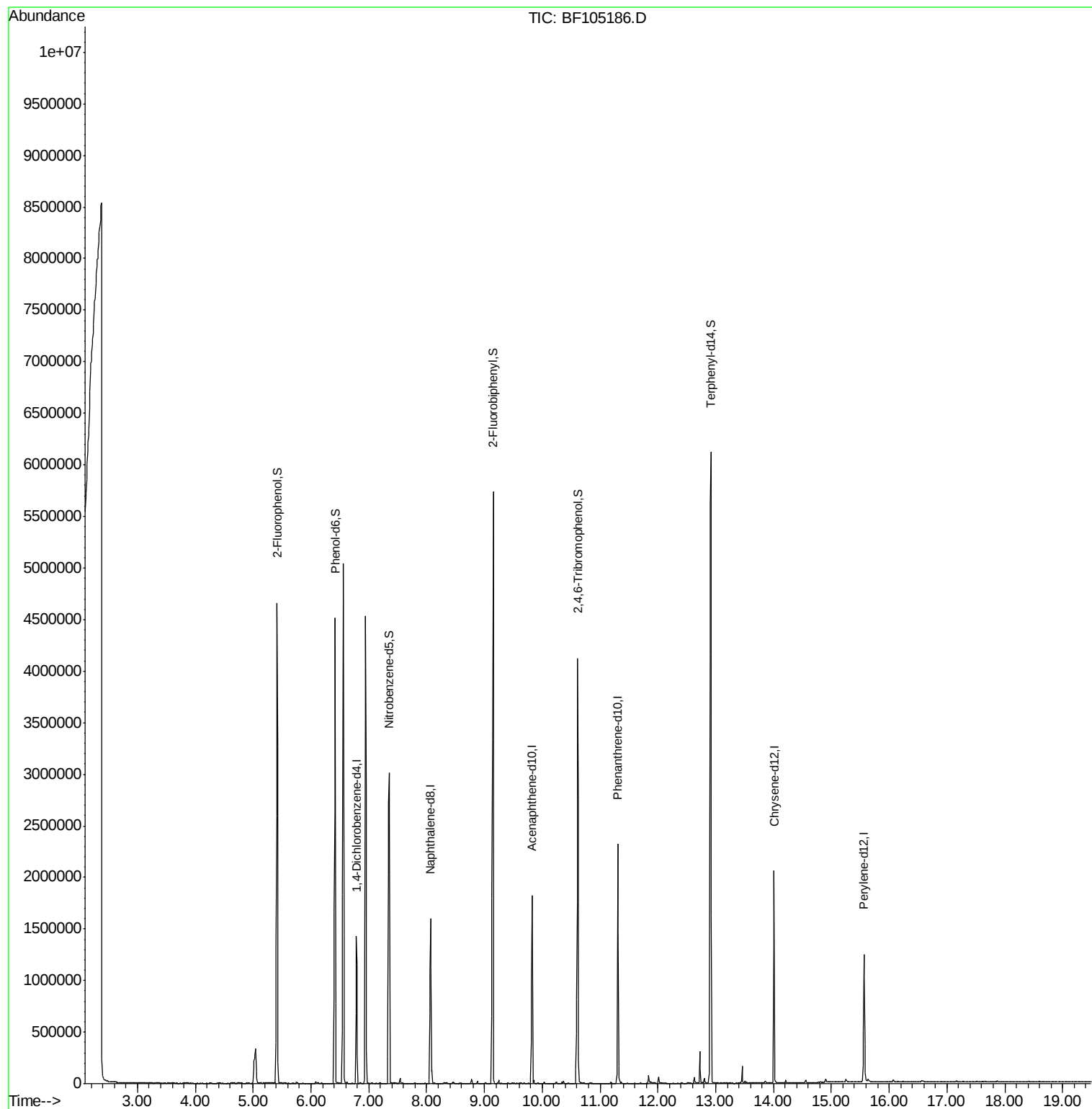
Target Compounds Qvalue

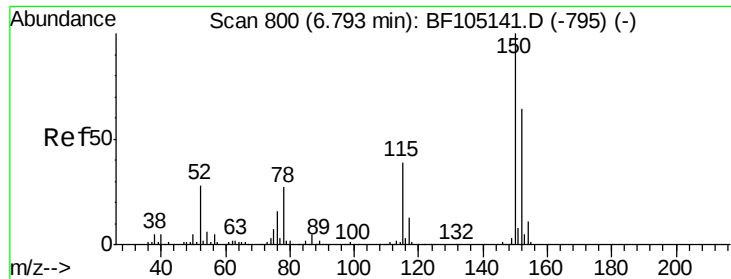
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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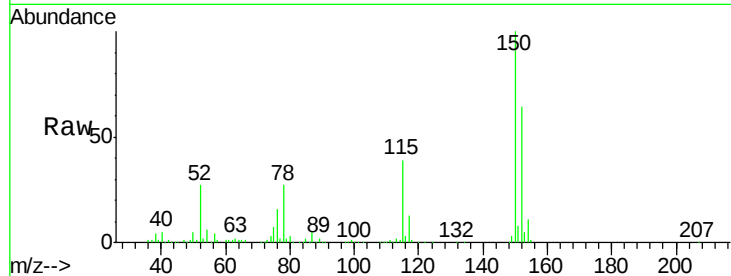


#1

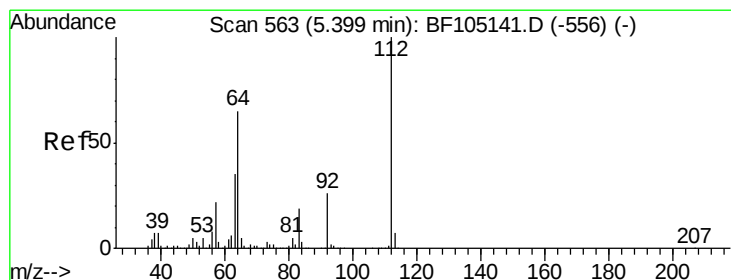
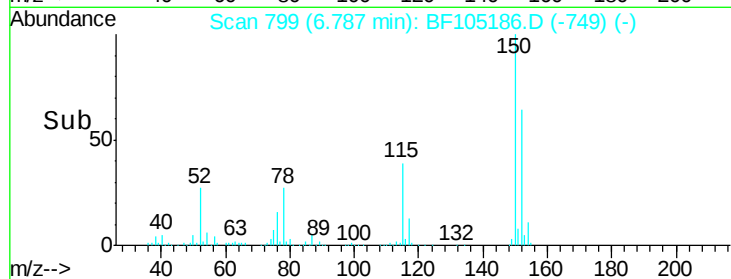
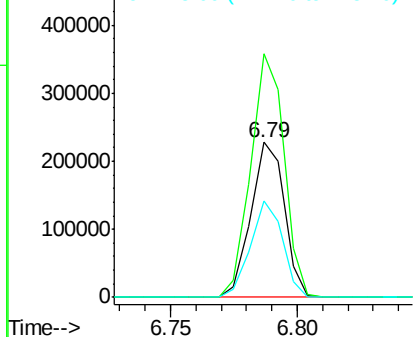
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105186.D
Acq: 9 May 2018 10:50

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-PILE-2B

Tot Ion:152 Resp: 210599
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.1 50.1 75.1



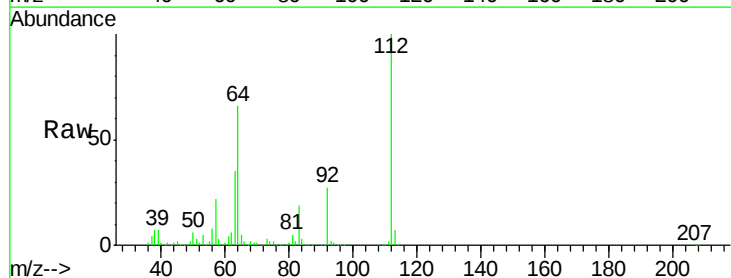
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



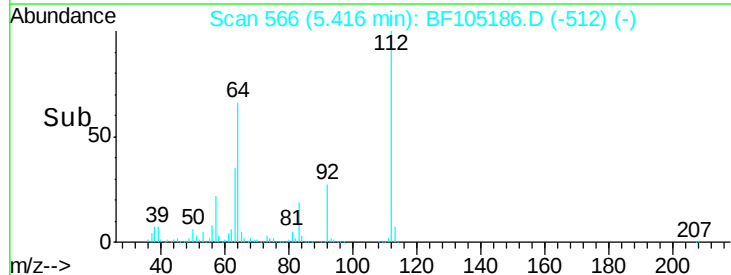
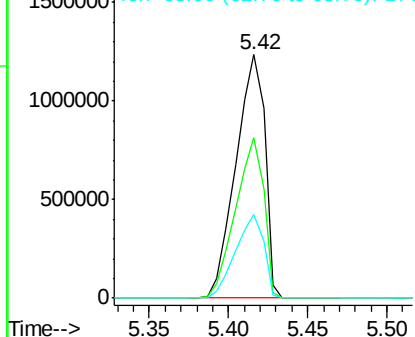
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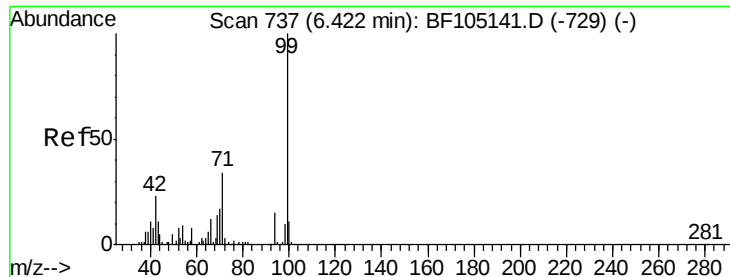
2-Fluorophenol
Concen: 122.078 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF105186.D
Acq: 9 May 2018 10:50

Tgt Ion:112 Resp: 1560584
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 34.5 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: 111.685 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF105186.D

Acq: 9 May 2018 10:50

Instrument :

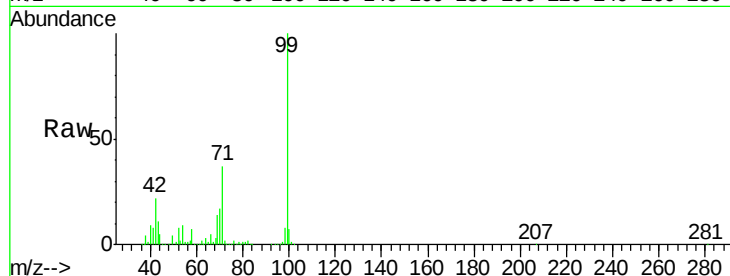
BNA_F

ClientSampleId :

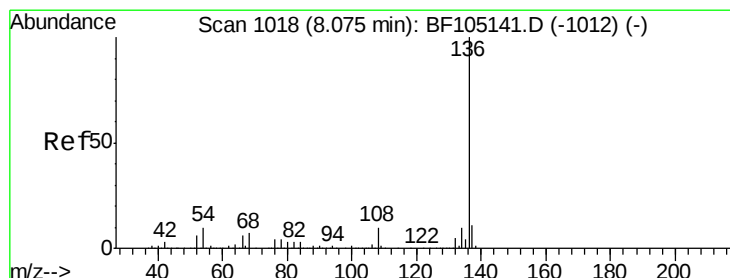
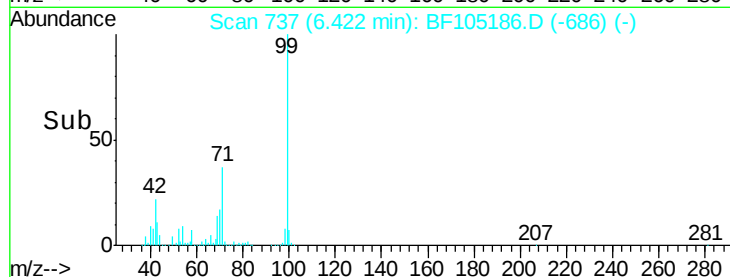
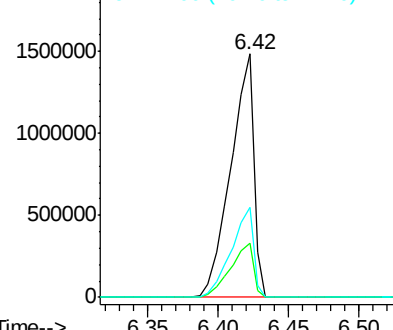
LS-SOIL-PILE-2B

Tot Ion: 99 Resp: 1699990

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	36.8	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: 8.07 min Scan# 1017

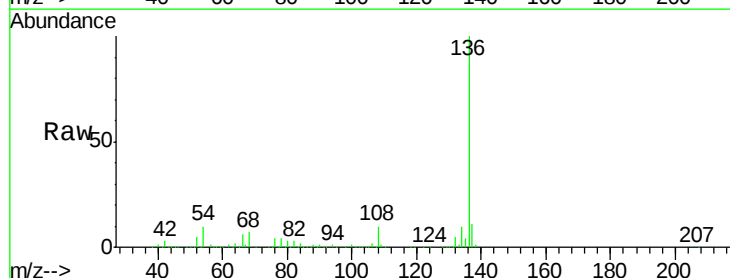
Delta R.T. -0.01 min

Lab File: BF105186.D

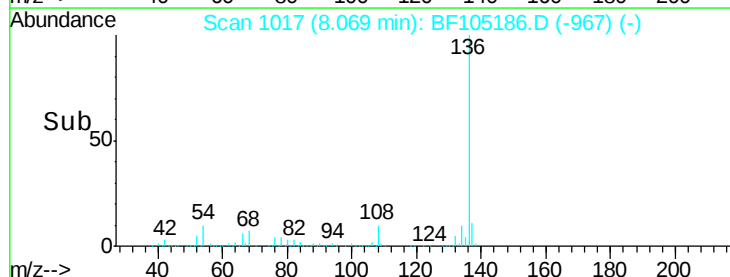
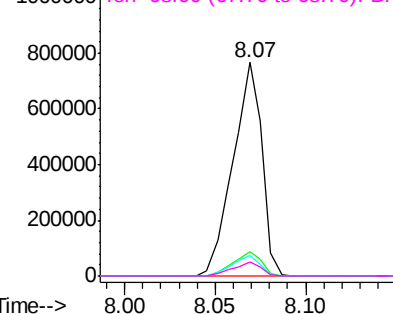
Acq: 9 May 2018 10:50

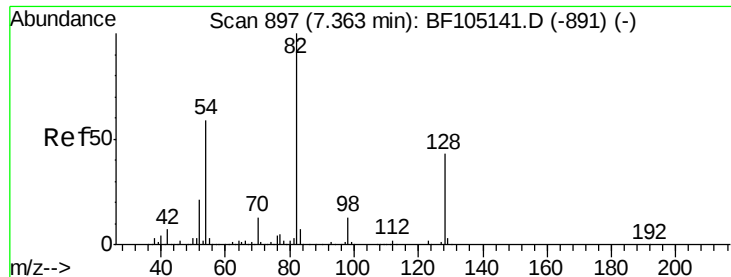
Tgt Ion: 136 Resp: 847497

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	6.6	9.8
68	6.7	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

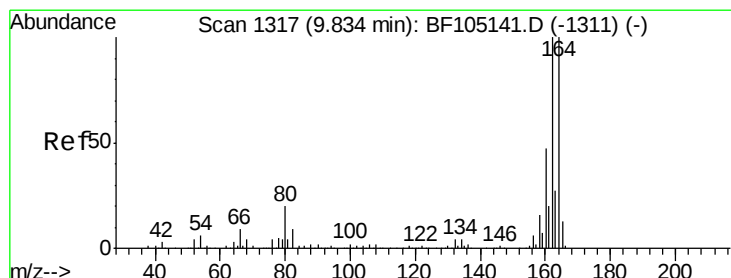
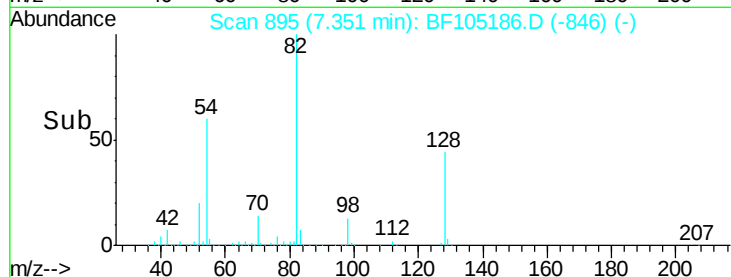
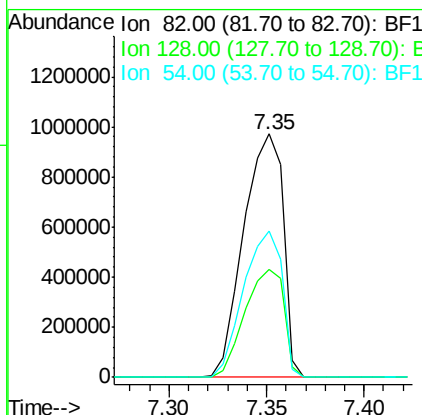
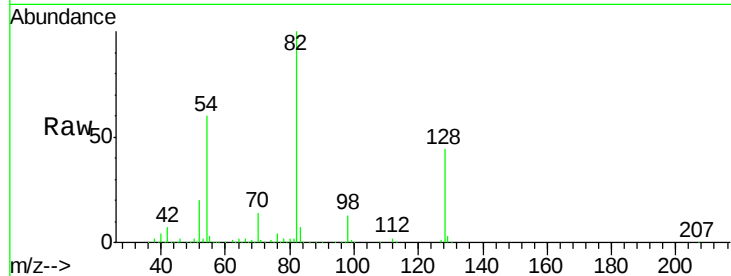




#23
 Nitrobenzene-d5
 Concen: 108.991 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF105186.D
 Acq: 9 May 2018 10:50

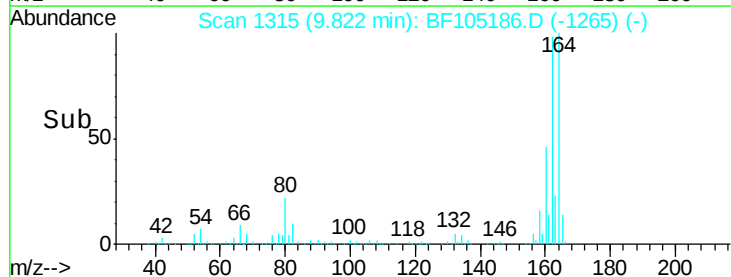
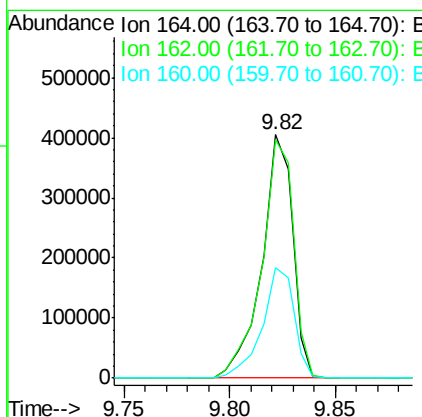
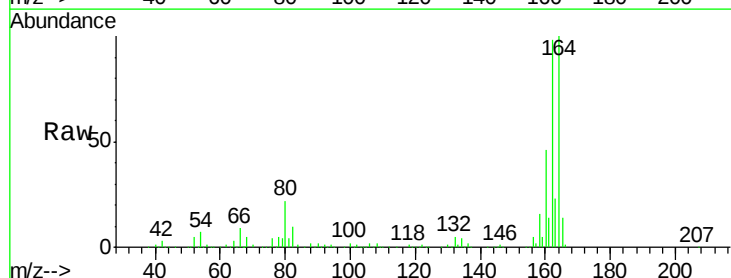
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-PILE-2B

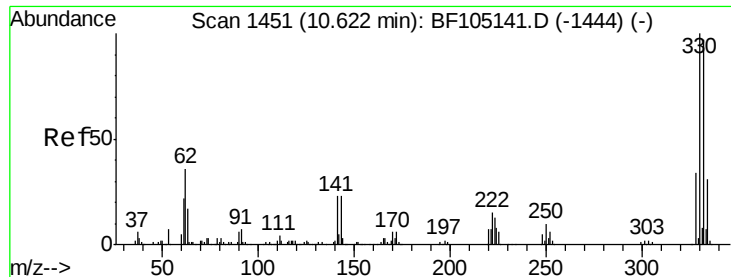
Tot Ion: 82 Resp: 1362911
 Ion Ratio Lower Upper
 82 100
 128 44.3 36.1 54.1
 54 59.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF105186.D
 Acq: 9 May 2018 10:50

Tgt Ion: 164 Resp: 414973
 Ion Ratio Lower Upper
 164 100
 162 98.0 86.1 129.1
 160 45.6 38.3 57.5

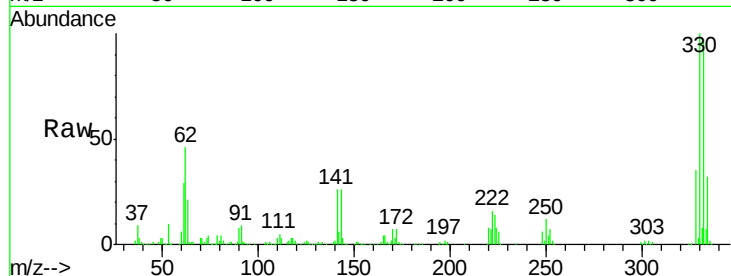




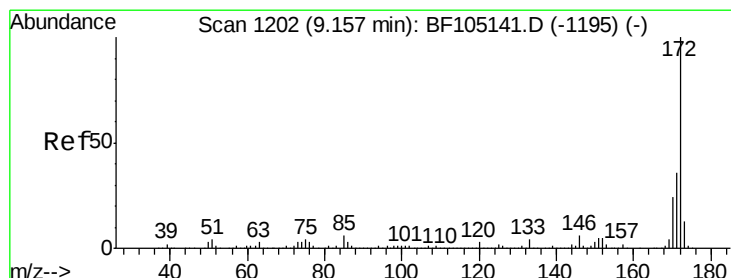
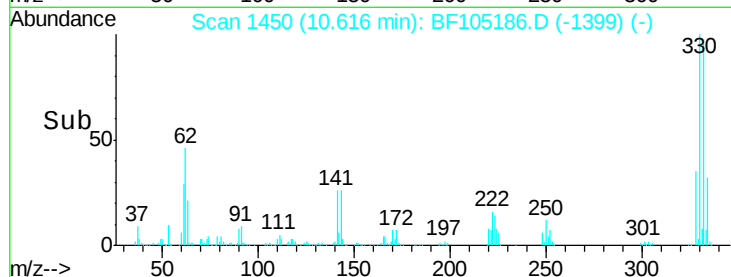
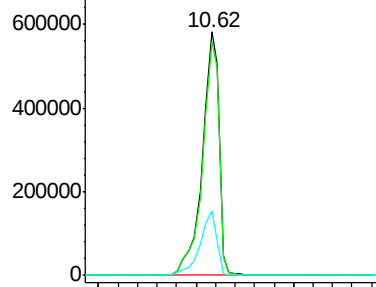
#41
 2,4,6-Tribromophenol
 Concen: 150.846 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105186.D
 Acq: 9 May 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-PILE-2B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	26.7	29.9	44.9#

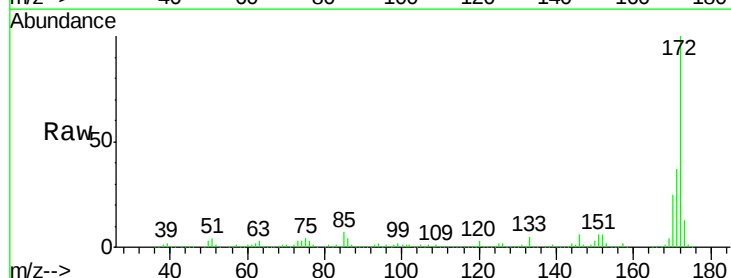


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

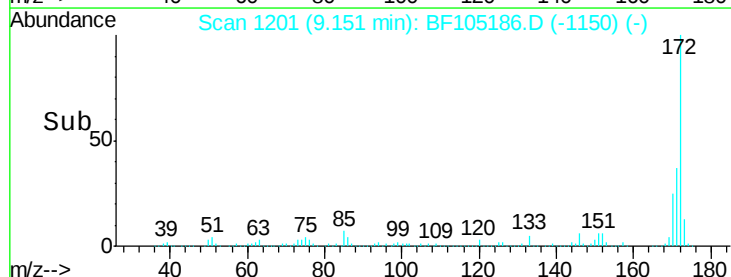
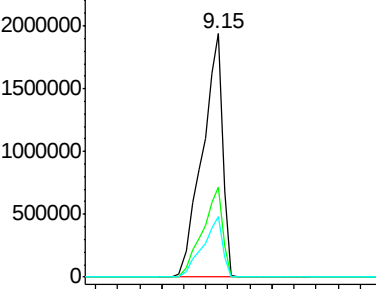


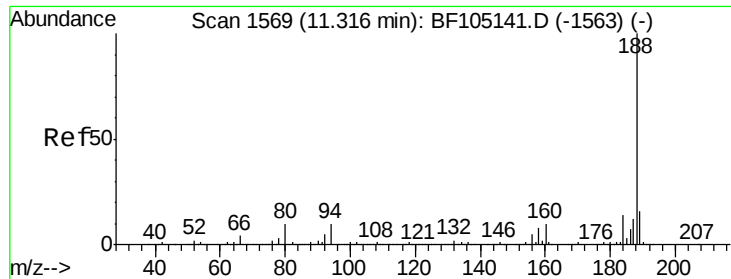
#44
 2-Fluorobiphenyl
 Concen: 93.266 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105186.D
 Acq: 9 May 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4



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

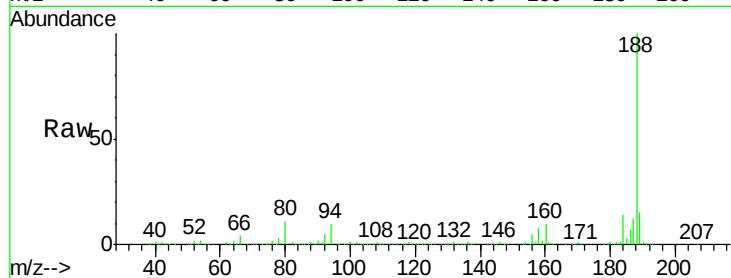




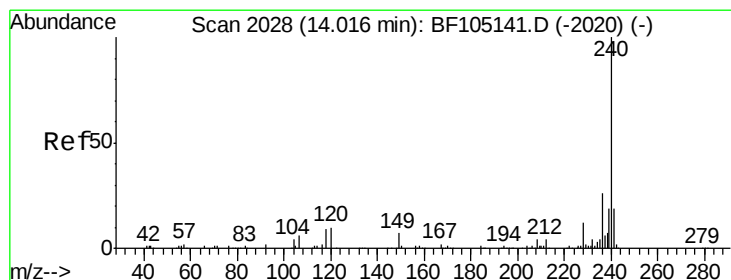
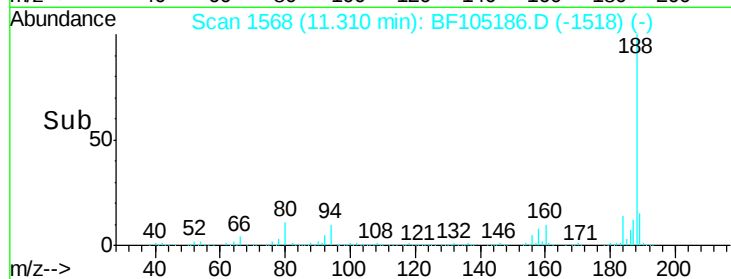
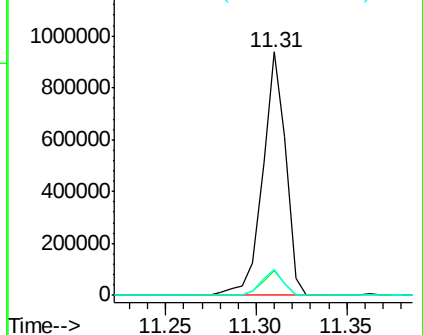
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105186.D
Acq: 9 May 2018 10:50

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-PILE-2B

Tot Ion:188 Resp: 823616
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 10.7 9.2 13.8

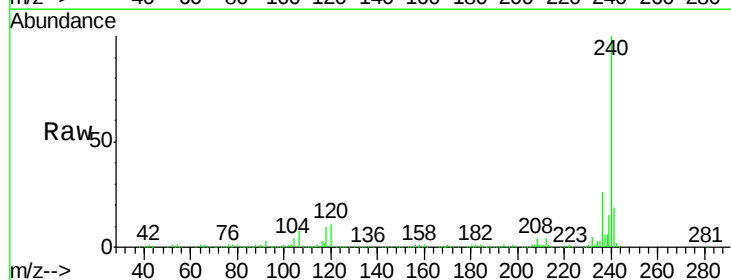


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

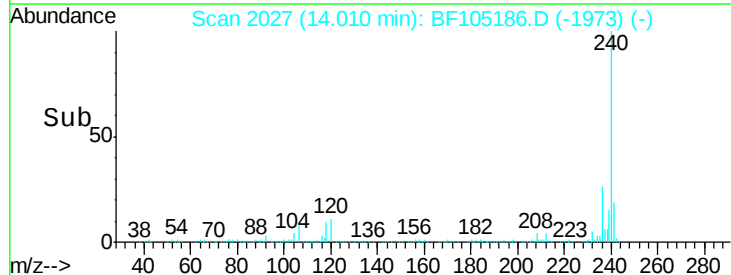
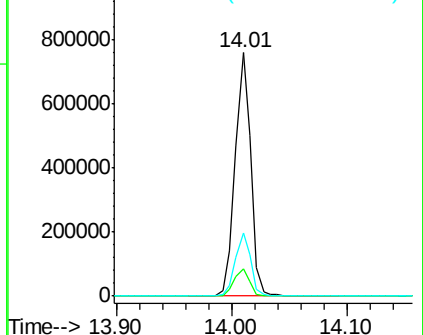


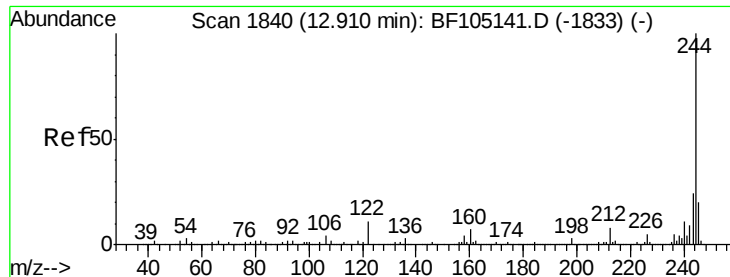
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF105186.D
Acq: 9 May 2018 10:50

Tgt Ion:240 Resp: 711730
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.8 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: 86.914 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105186.D

Acq: 9 May 2018 10:50

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-PILE-2B

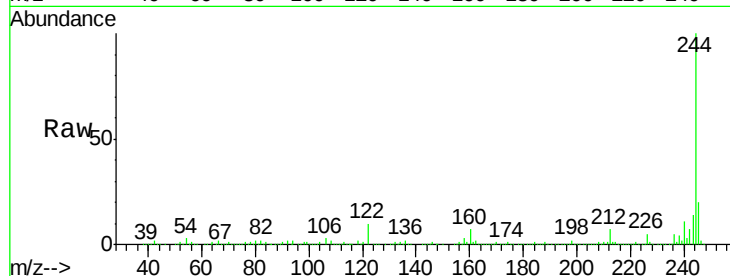
Tot Ion:244 Resp: 2663054

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

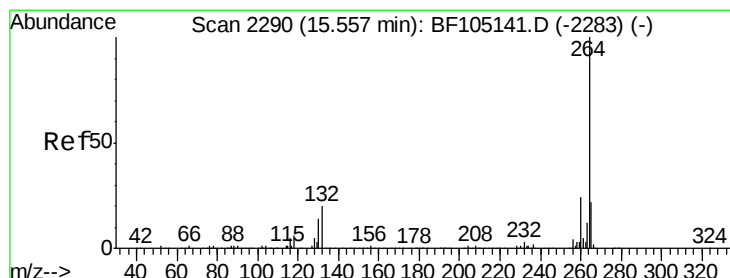
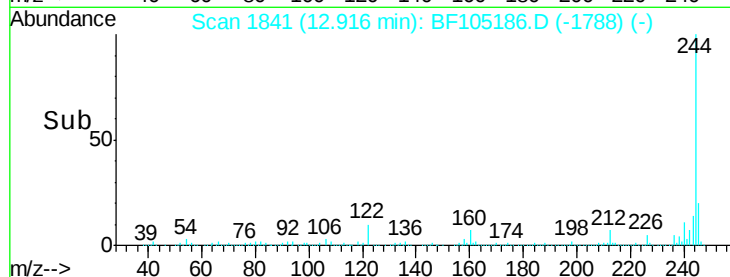
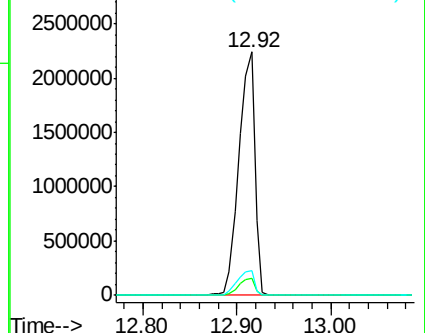
122 9.9 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.06 min

Lab File: BF105186.D

Acq: 9 May 2018 10:50

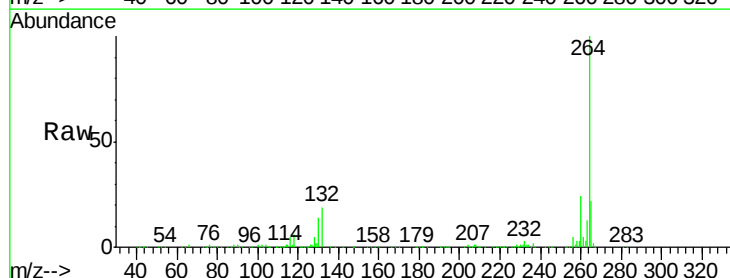
Tgt Ion:264 Resp: 588064

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 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

