

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103185.D
 Acq On : 23 Feb 2018 8:53
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD-S-1ppm
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Quant Time: Feb 23 10:37:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

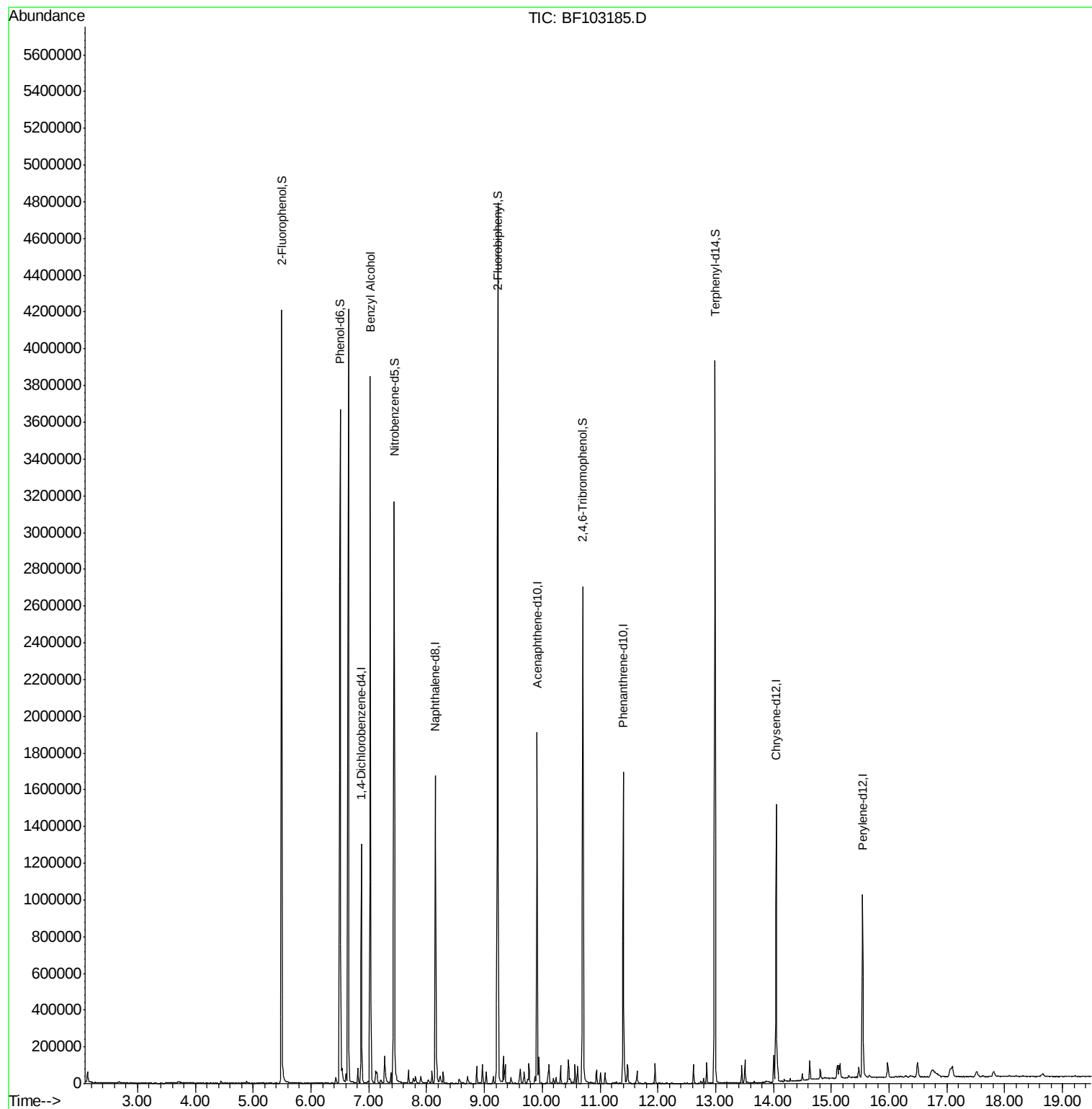
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	178072	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	780512	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	370271	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	643445	20.00	ng	0.00
75) Chrysene-d12	14.05	240	473163	20.00	ng	0.00
86) Perylene-d12	15.54	264	464834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1346426	114.36	ng	0.00
7) Phenol-d6	6.51	99	1634904	113.48	ng	0.00
23) Nitrobenzene-d5	7.44	82	1204246	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	372692	118.91	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1797761	83.21	ng	0.00
78) Terphenyl-d14	12.99	244	1468571	74.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	27206	2.506	ng	Qvalue # 37

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

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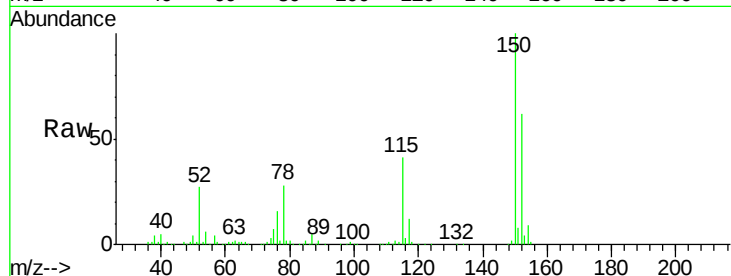


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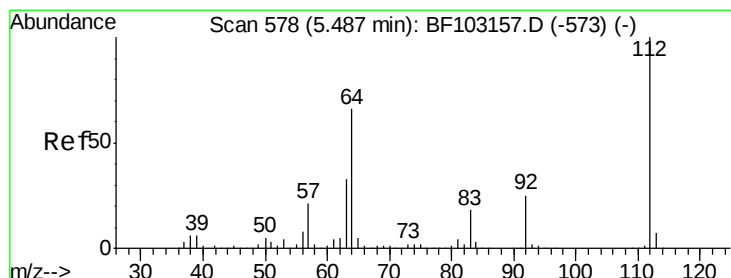
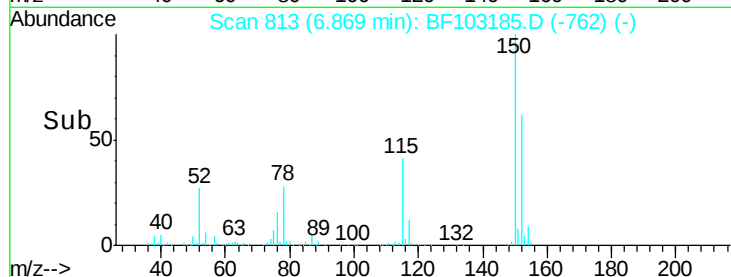
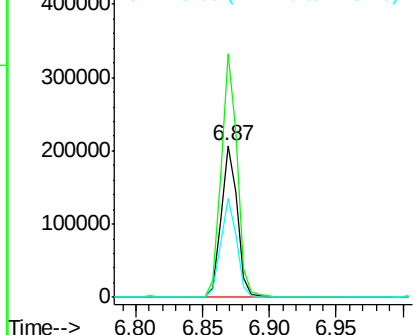
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103185.D
Acq: 23 Feb 2018 8:53

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion:152 Resp: 178072
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 65.5 50.1 75.1



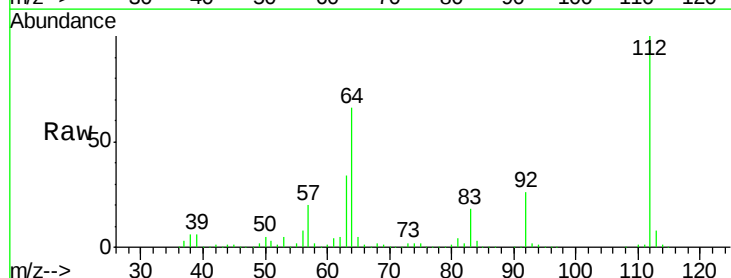
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



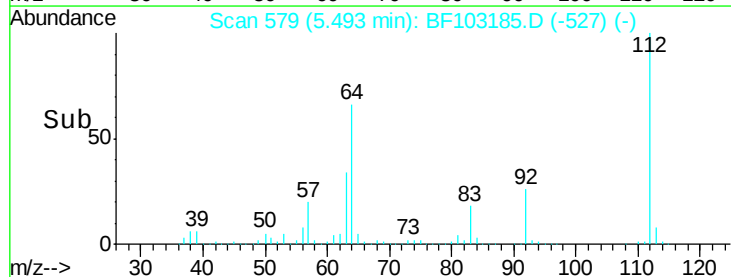
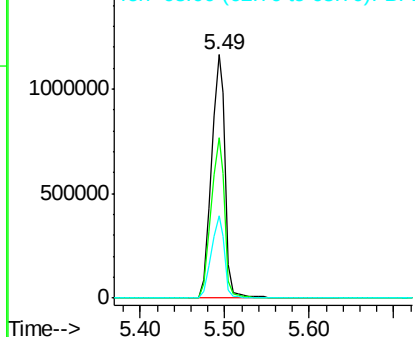
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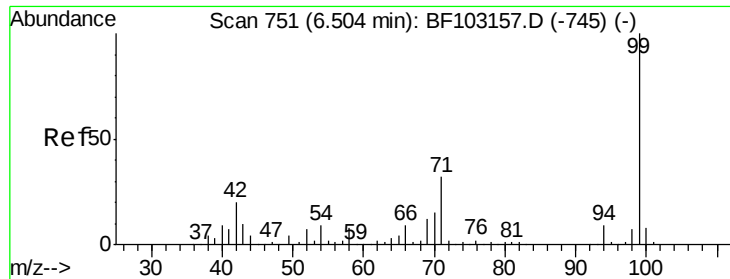
2-Fluorophenol
Concen: 114.357 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103185.D
Acq: 23 Feb 2018 8:53

Tgt Ion:112 Resp: 1346426
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 33.8 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: 113.479 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103185.D

Acq: 23 Feb 2018 8:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

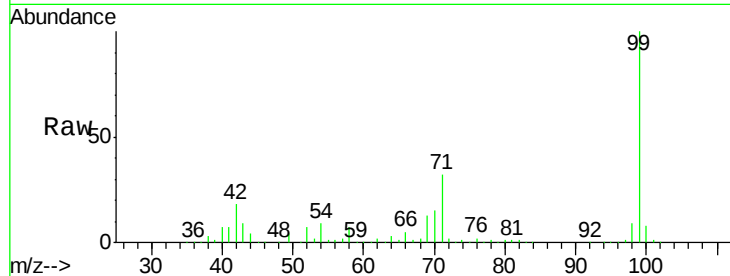
Tot Ion: 99 Resp: 1634904

Ion Ratio Lower Upper

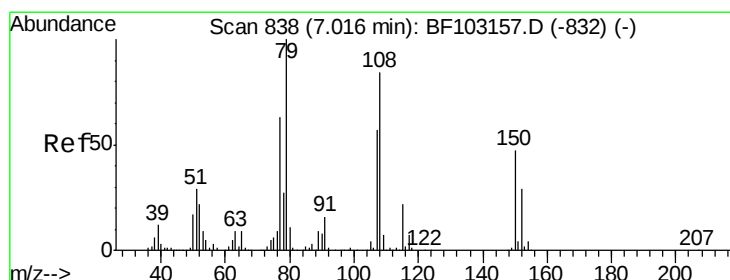
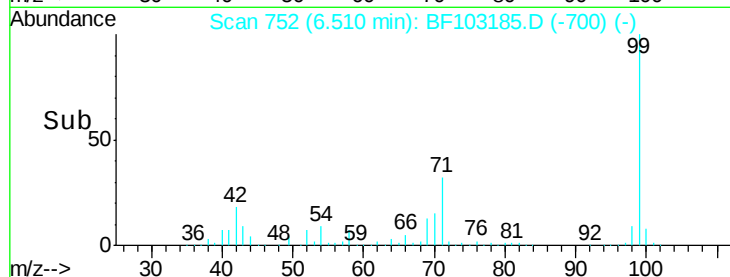
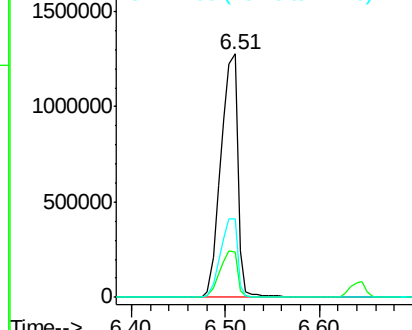
99 100

42 18.4 14.5 21.7

71 32.3 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



#15

Benzyl Alcohol

Concen: 2.506 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103185.D

Acq: 23 Feb 2018 8:53

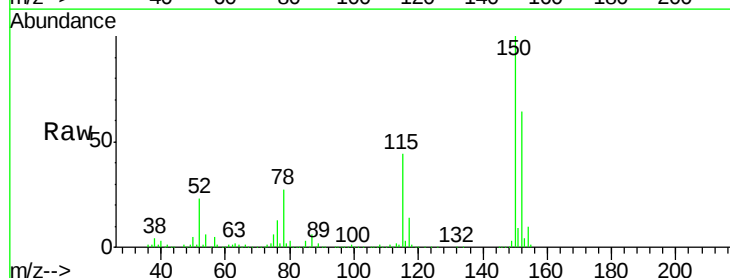
Tgt Ion: 79 Resp: 27206

Ion Ratio Lower Upper

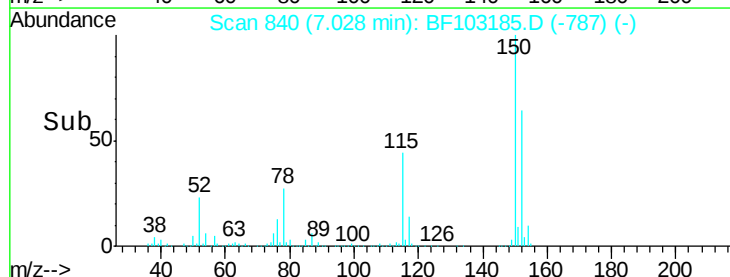
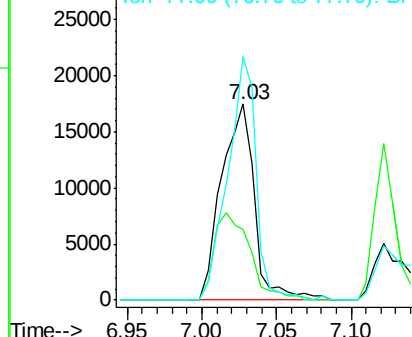
79 100

108 36.0 65.1 97.7#

77 124.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

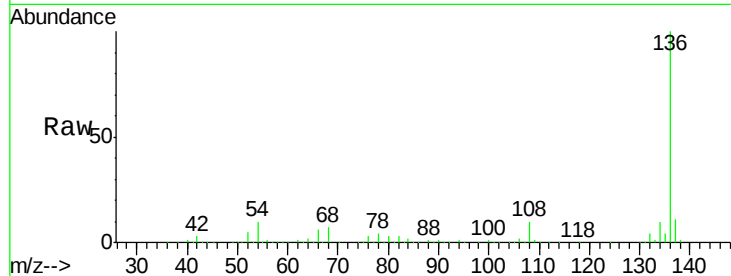




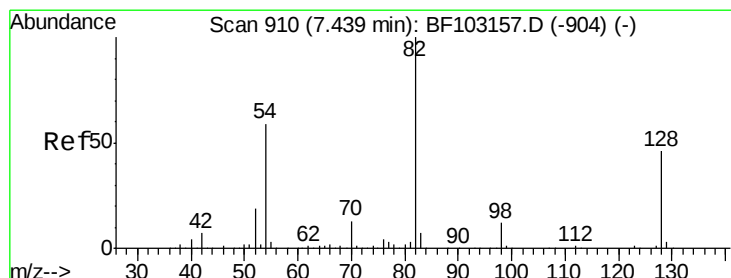
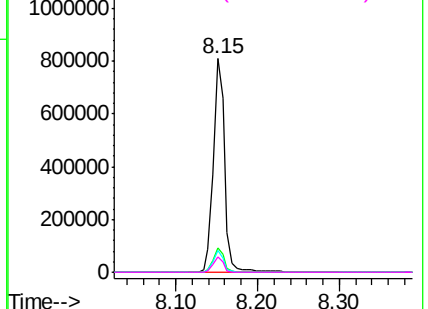
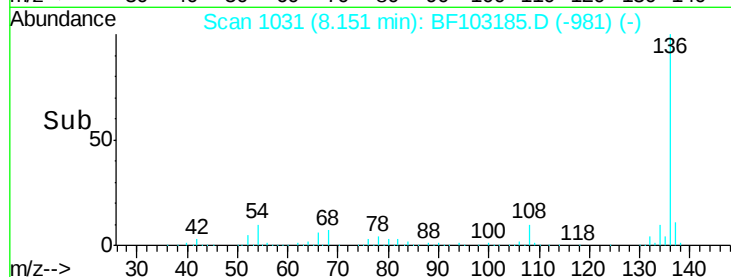
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103185.D
Acq: 23 Feb 2018 8:53

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion:136	Resp:	780512
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.4	6.6 9.8#
68	6.9	5.0 7.4

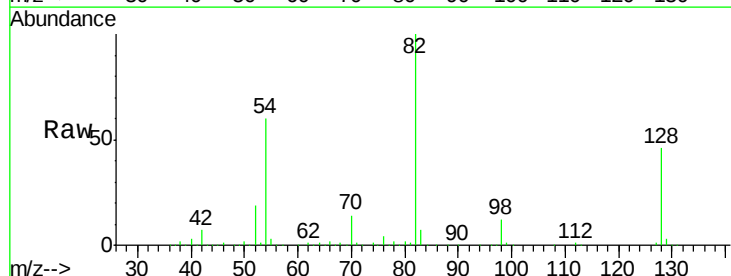


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

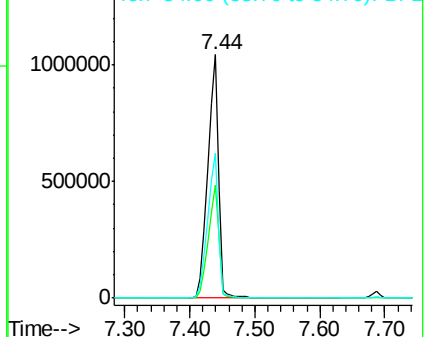
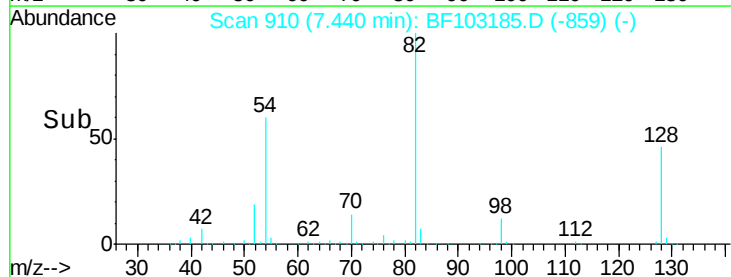


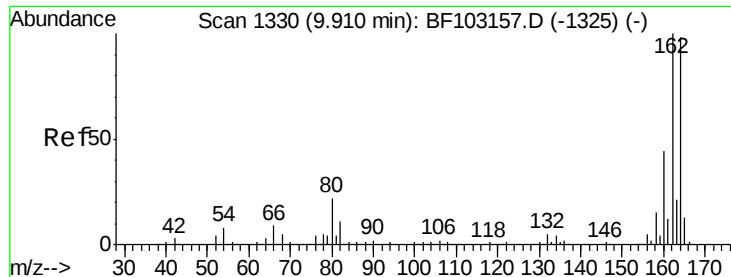
#23
Nitrobenzene-d5
Concen: 88.112 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103185.D
Acq: 23 Feb 2018 8:53

Tgt Ion: 82	Resp:	1204246
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	59.5	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

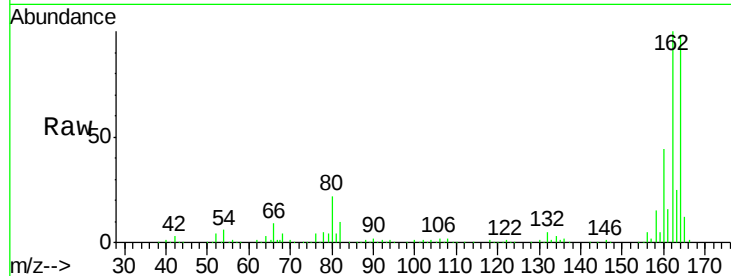




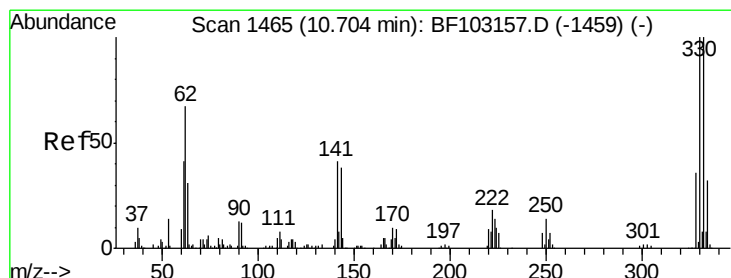
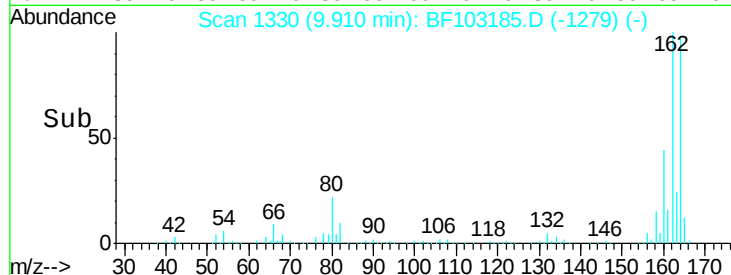
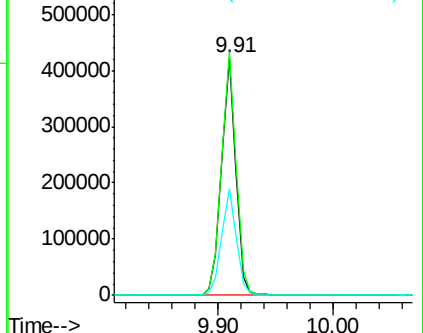
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF103185.D
 Acq: 23 Feb 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion:164 Resp: 370271
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.8 38.3 57.5

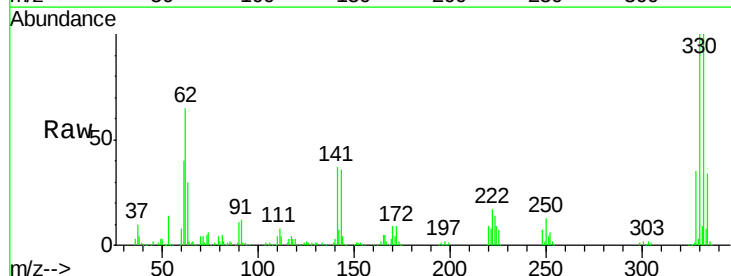


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

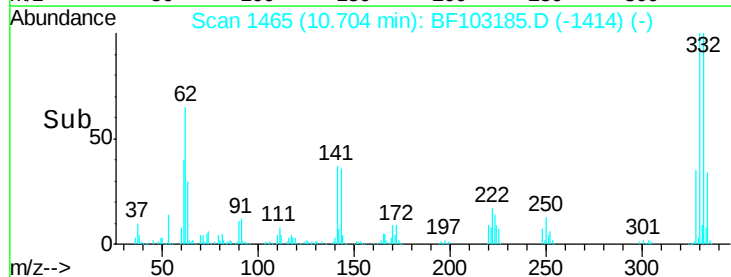
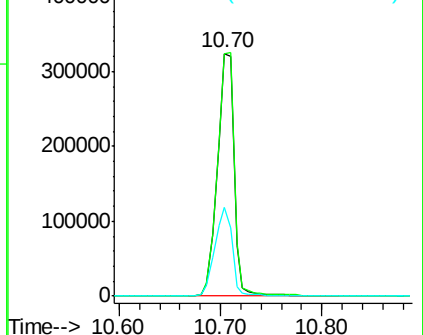


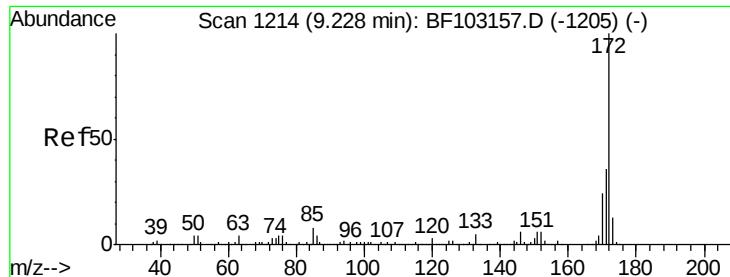
#41
 2,4,6-Tribromophenol
 Concen: 118.914 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103185.D
 Acq: 23 Feb 2018 8:53

Tgt Ion:330 Resp: 372692
 Ion Ratio Lower Upper
 330 100
 332 101.5 77.0 115.6
 141 37.9 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

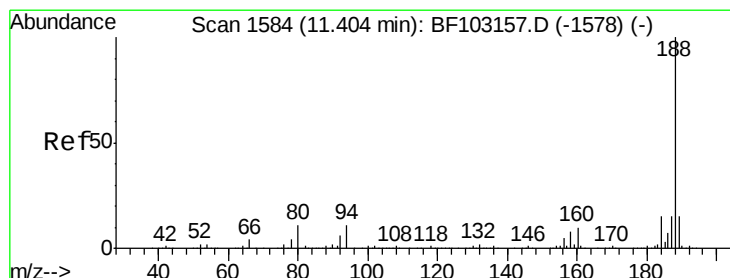
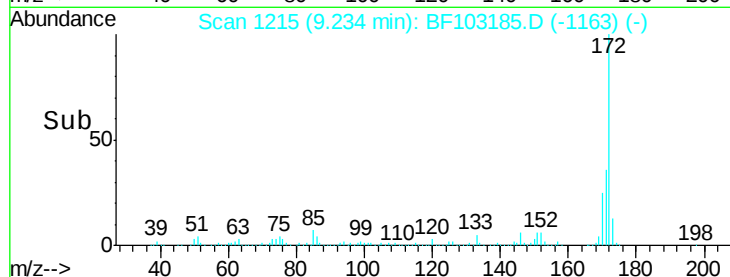
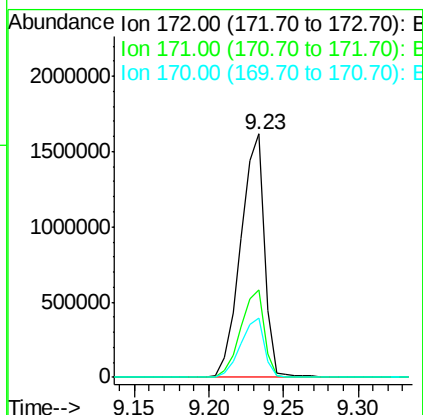
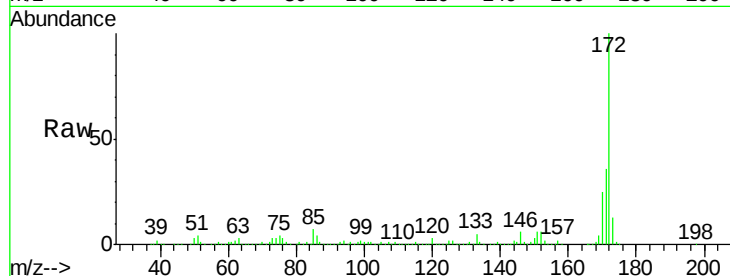




#44
 2-Fluorobiphenyl
 Concen: 83.209 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103185.D
 Acq: 23 Feb 2018 8:53

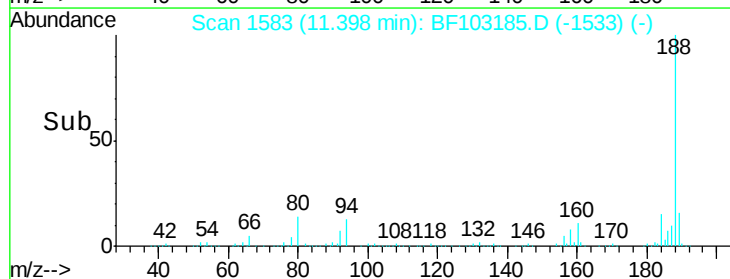
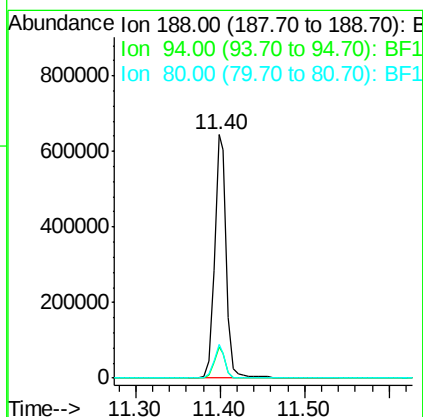
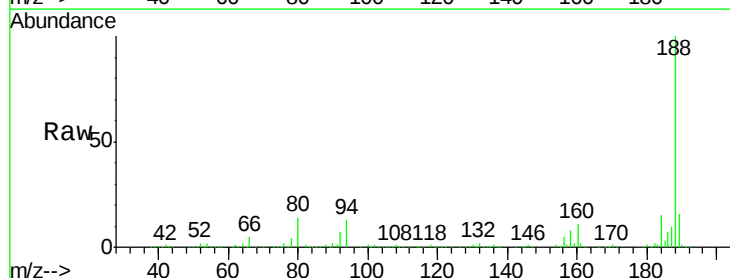
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

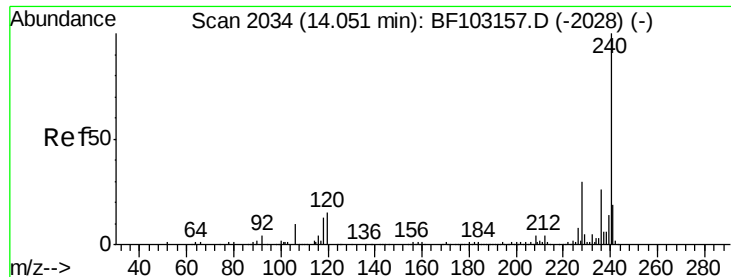
Tot Ion:172 Resp: 1797761
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.6 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103185.D
 Acq: 23 Feb 2018 8:53

Tgt Ion:188 Resp: 643445
 Ion Ratio Lower Upper
 188 100
 94 12.5 8.5 12.7
 80 13.7 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103185.D

Acq: 23 Feb 2018 8:53

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

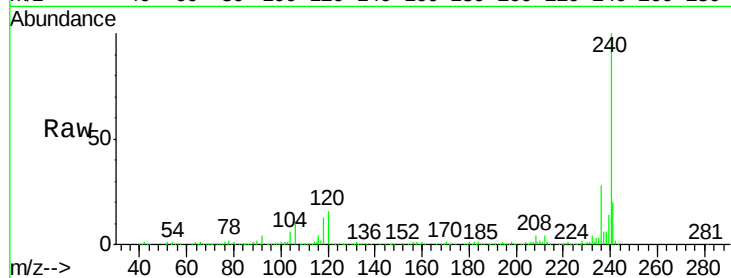
Tot Ion:240 Resp: 473163

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

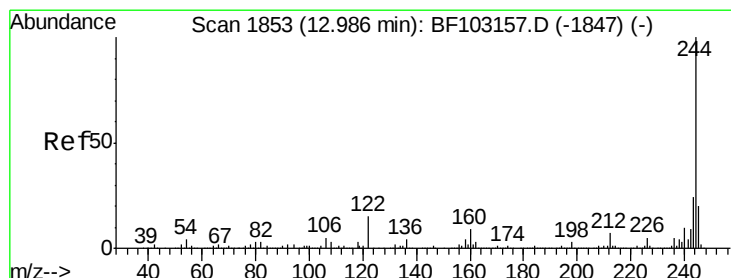
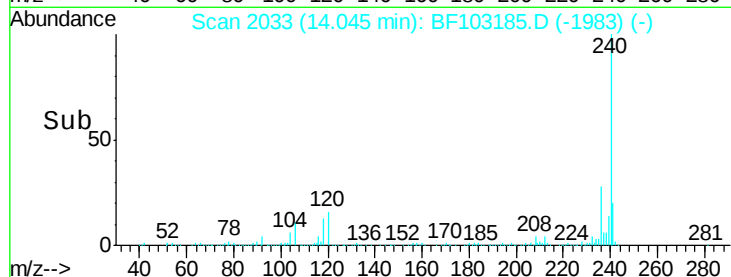
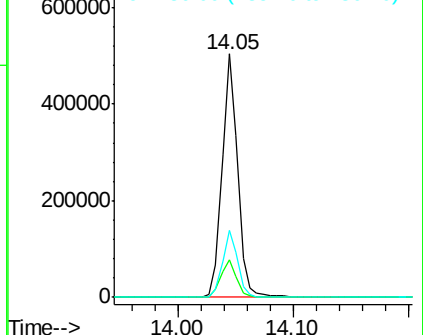
236 27.6 20.7 31.1



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: 74.610 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103185.D

Acq: 23 Feb 2018 8:53

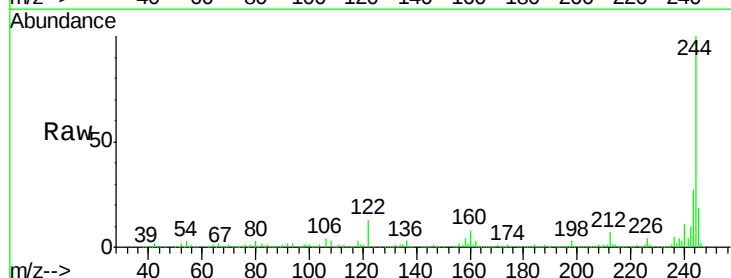
Tgt Ion:244 Resp: 1468571

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

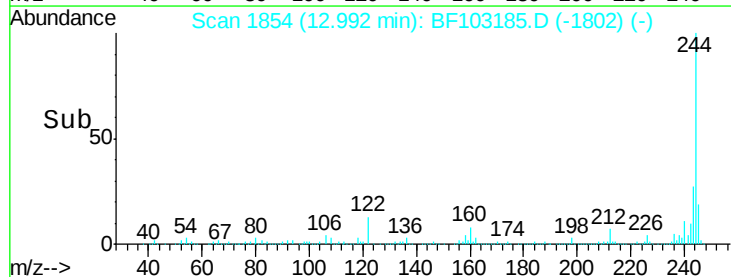
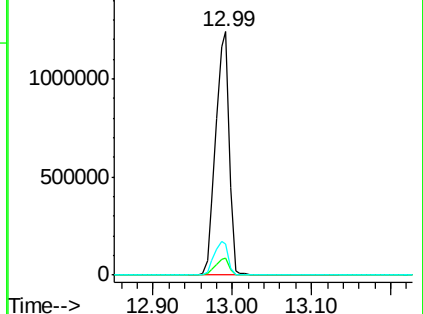
122 13.0 11.0 16.4

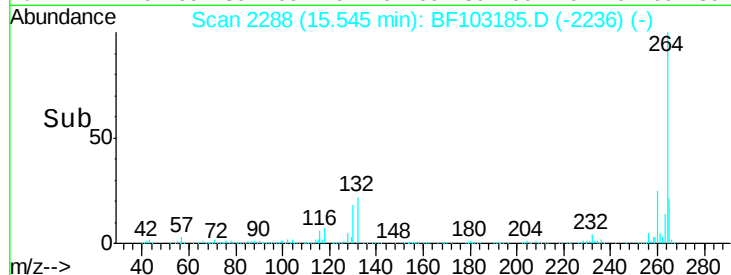
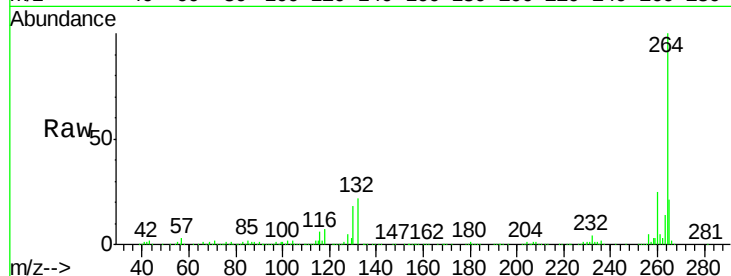
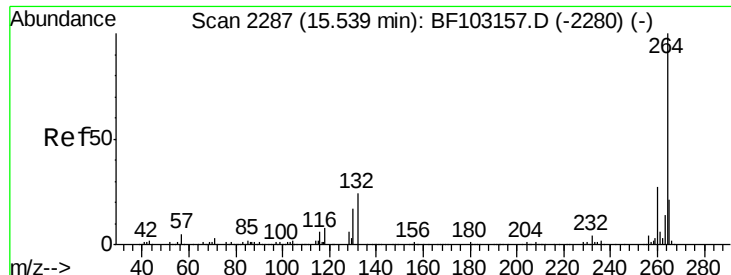


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF103185.D
 Acq: 23 Feb 2018 8:53

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.4	17.5	26.3

