

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107281.D
 Acq On : 10 Jul 2018 19:02
 Operator : JU/SJ
 Sample : J3893-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOILRE

Quant Time: Jul 11 01:08:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

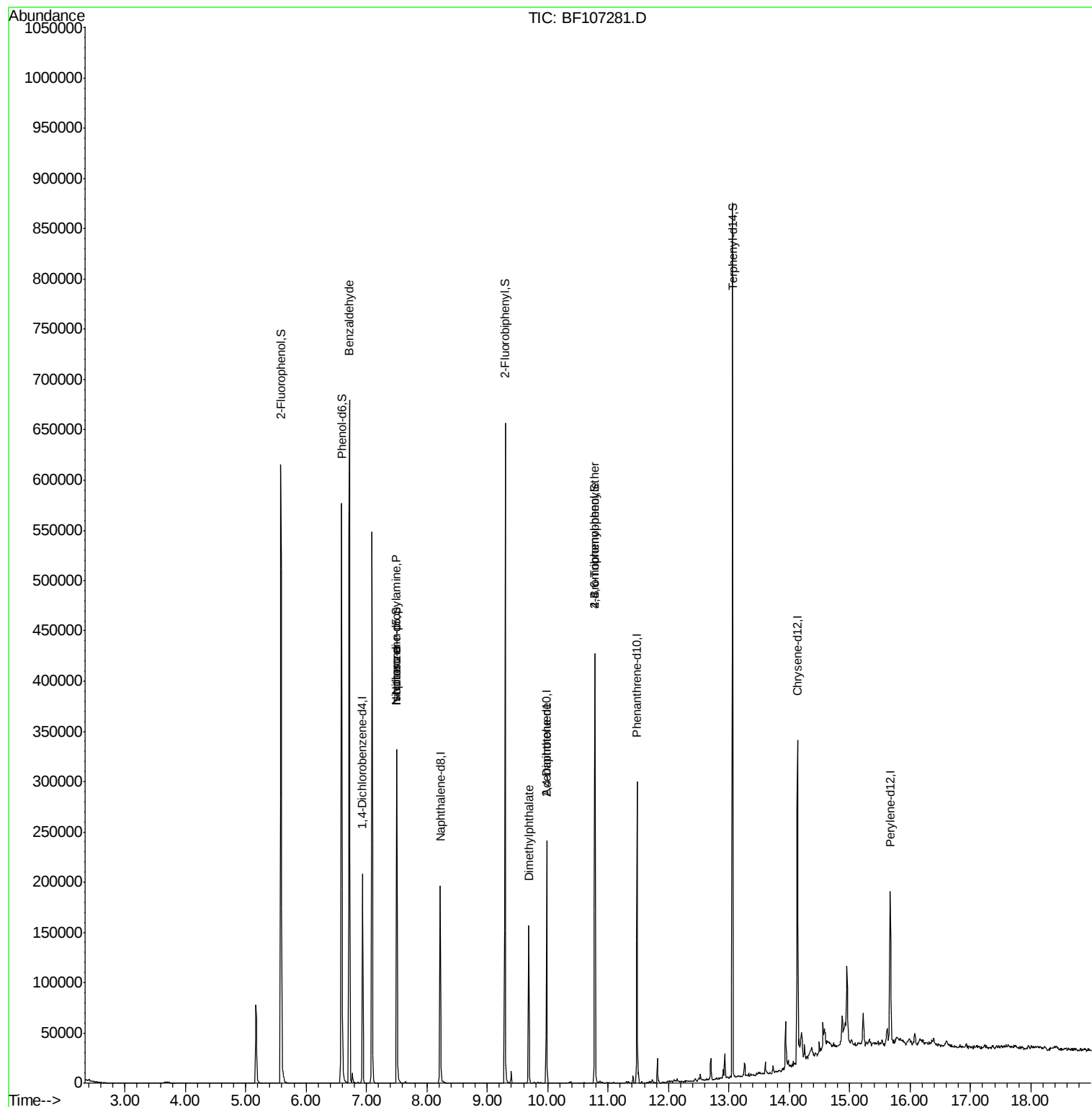
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	30810	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	104256	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49763	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	111776	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	108850	20.00	ng	-0.03
86) Perylene-d12	15.67	264	75150	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	190030	104.44	ng	-0.02
7) Phenol-d6	6.59	99	219546	96.62	ng	-0.02
23) Nitrobenzene-d5	7.50	82	125821	67.07	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	65985	114.41	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	209135	68.22	ng	-0.03
78) Terphenyl-d14	13.06	244	313001	69.65	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.72	77	3814	2.004	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.50	70	15713	10.491	ng	# 74
25) Isophorone	7.50	82	125819	38.060	ng	# 64
49) Dimethylphthalate	9.69	163	66032	17.692	ng	99
56) 2,4-Dinitrotoluene	9.98	165	6415	6.219	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	3921	2.939	ng	# 1

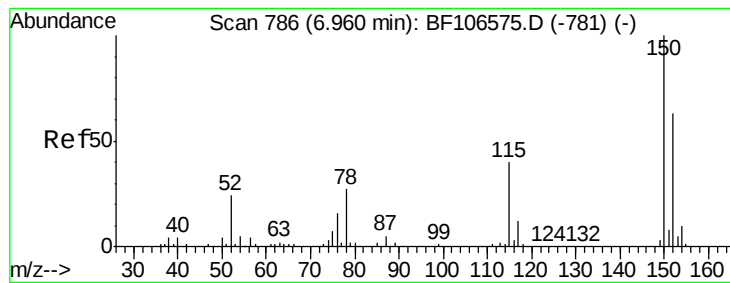
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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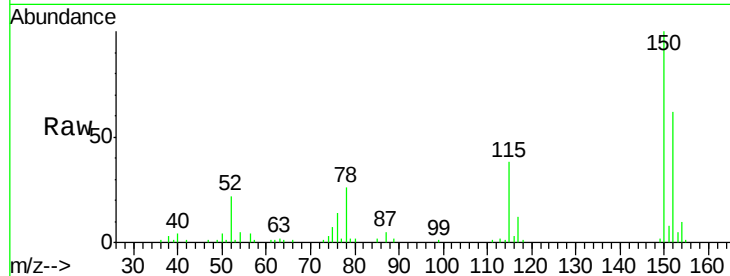


#1

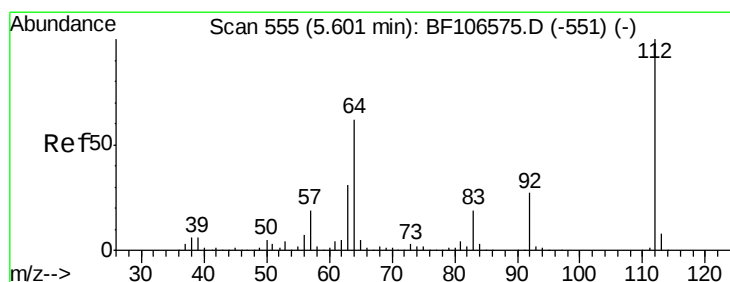
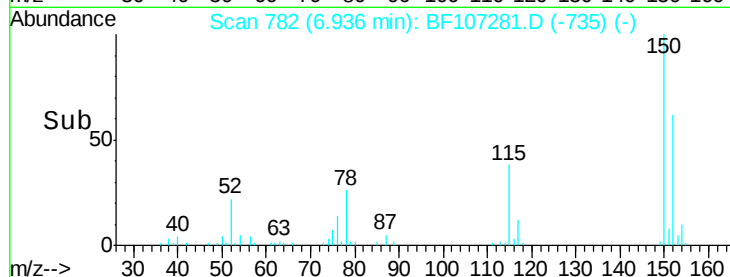
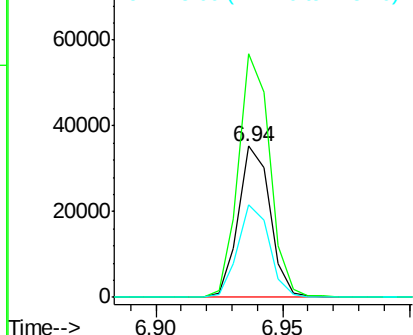
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOILRE

Tgt Ion:152 Resp: 30810
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 61.0 50.1 75.1



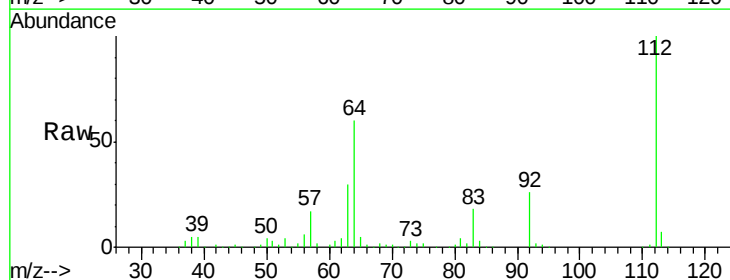
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



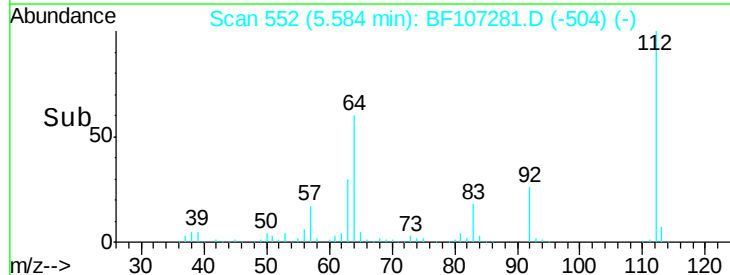
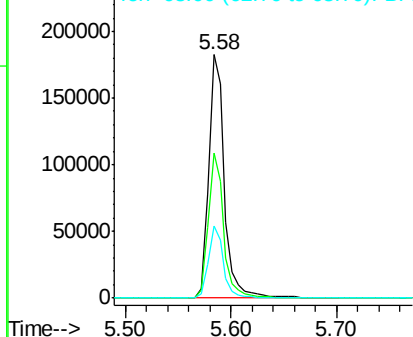
#5

2-Fluorophenol
Concen: 104.440 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion:112 Resp: 190030
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.5 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: 96.622 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

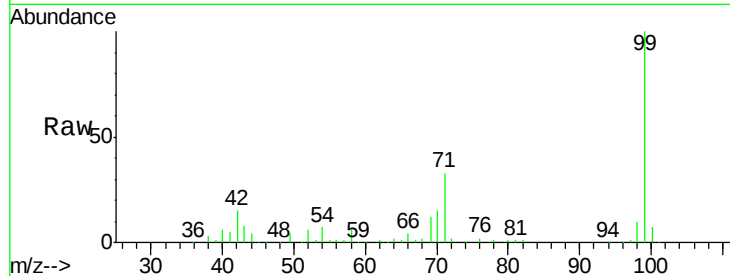
Tgt Ion: 99 Resp: 219546

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

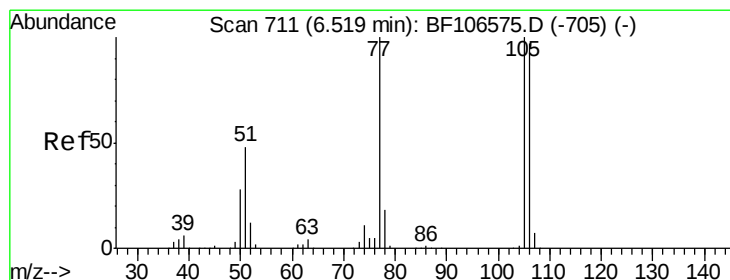
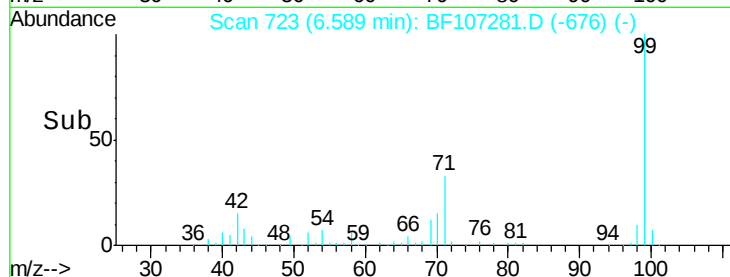
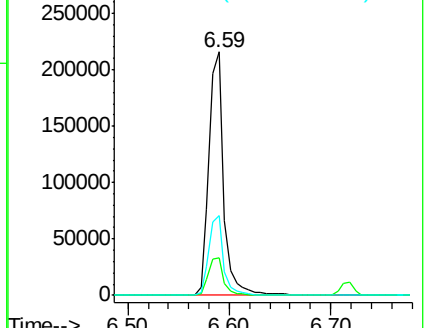
71 32.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.004 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.20 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

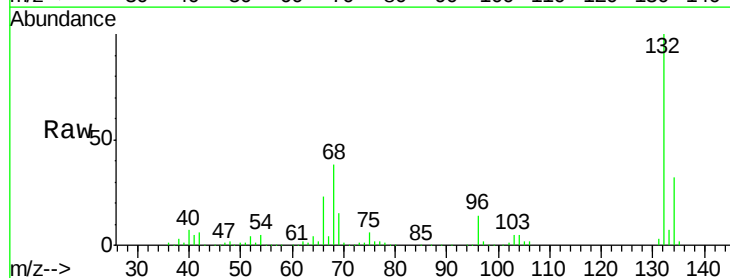
Tgt Ion: 77 Resp: 3814

Ion Ratio Lower Upper

77 100

105 84.3 81.1 121.1

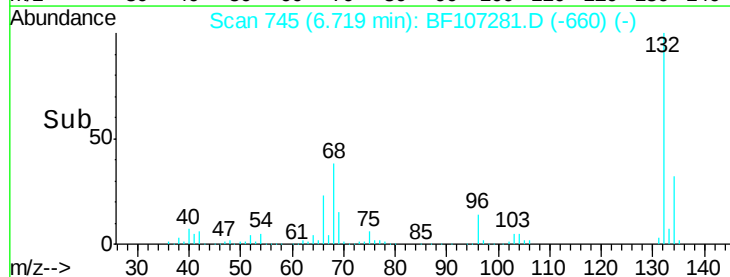
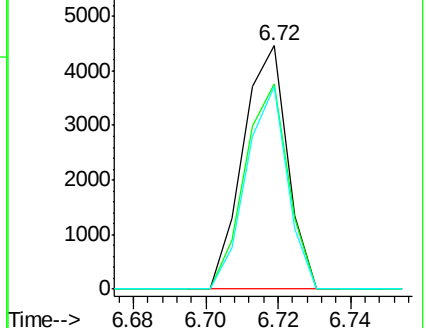
106 83.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

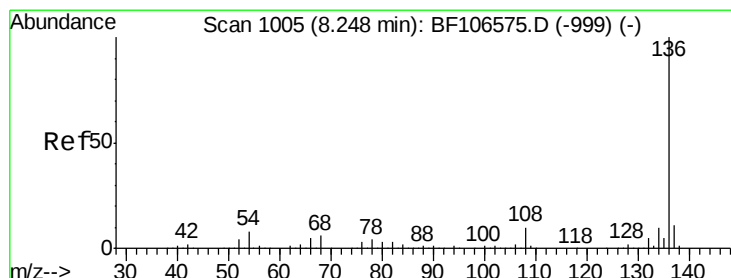
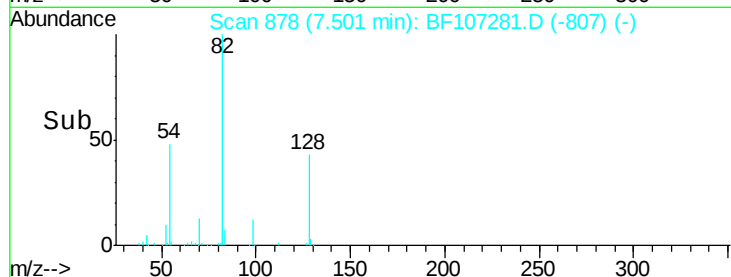
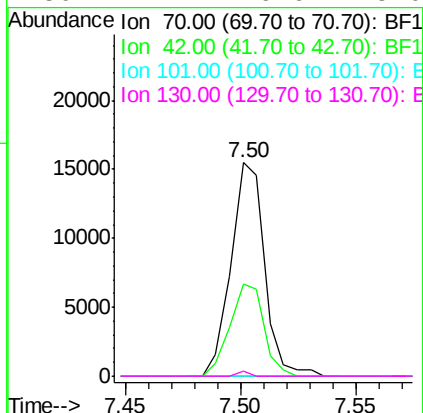
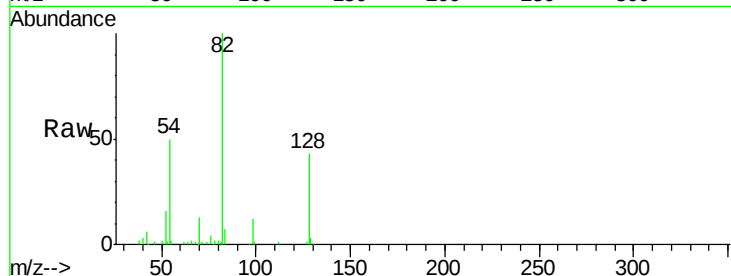




#19
n-Nitroso-di-n-propylamine
Concen: 10.491 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

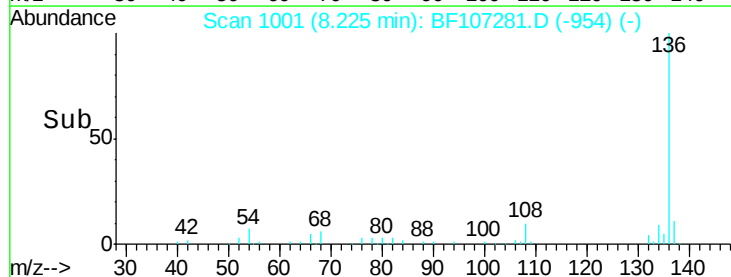
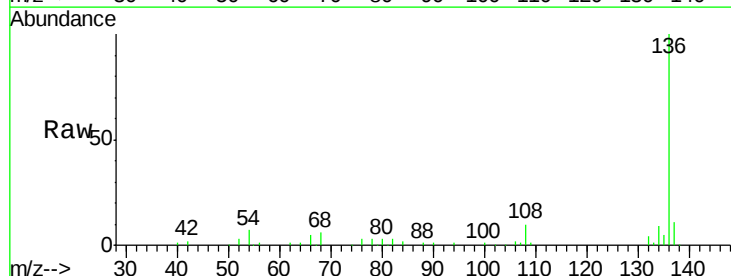
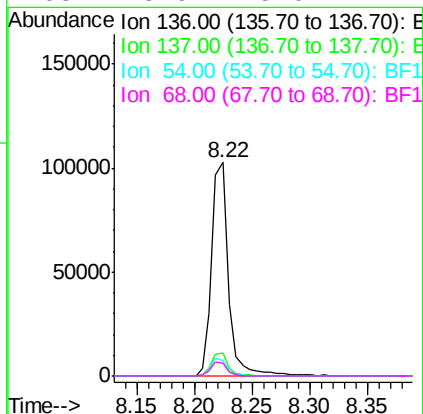
Instrument :
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BS-S-7-SOILRE

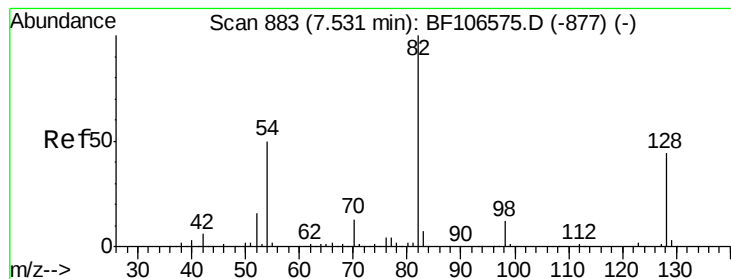
Tgt Ion: 70 Resp: 15713
Ion Ratio Lower Upper
70 100
42 43.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion: 136 Resp: 104256
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.2 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.069 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.04 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

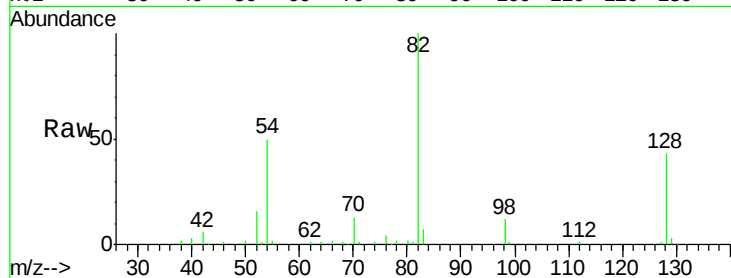
Tgt Ion: 82 Resp: 125821

Ion Ratio Lower Upper

82 100

128 42.6 36.1 54.1

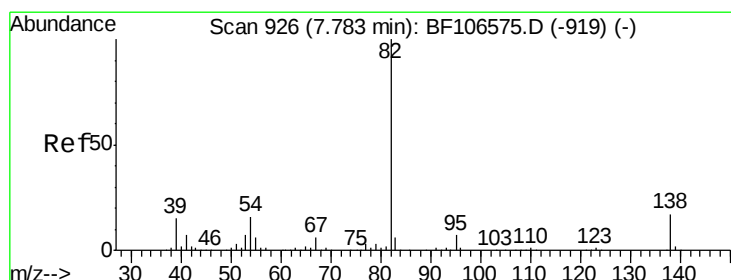
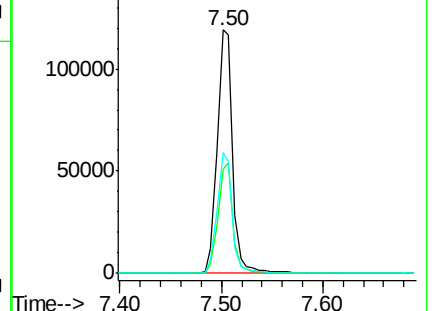
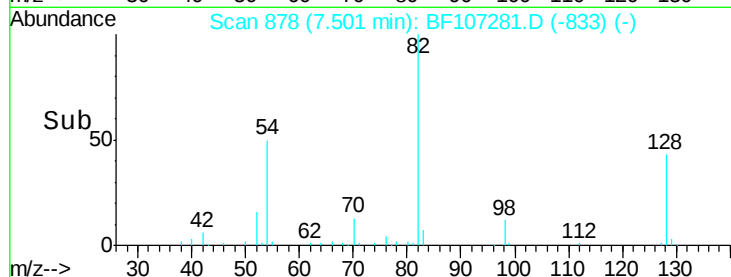
54 49.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 38.060 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

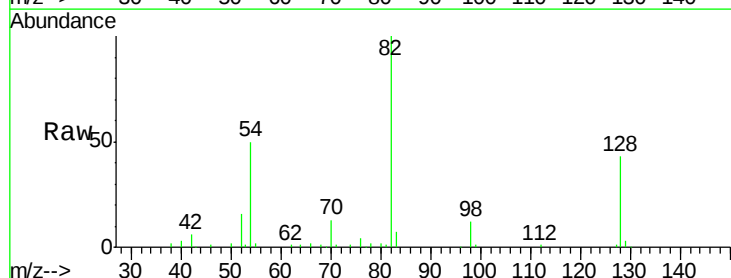
Tgt Ion: 82 Resp: 125819

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

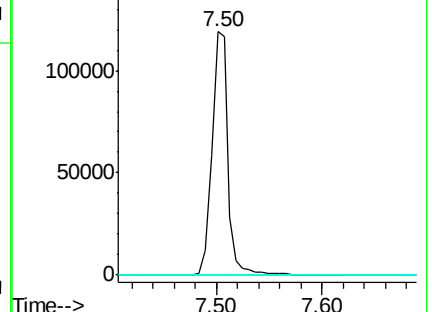
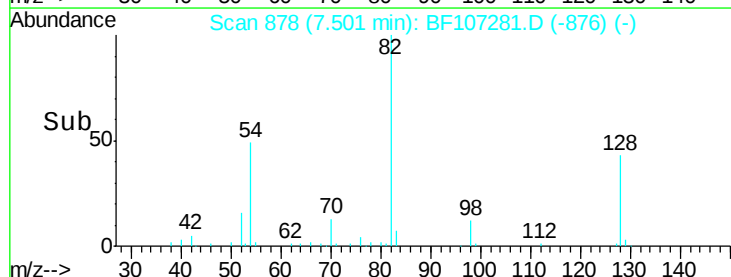
138 0.0 14.9 22.3#

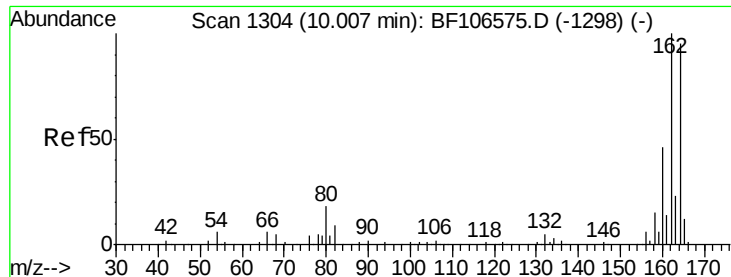


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

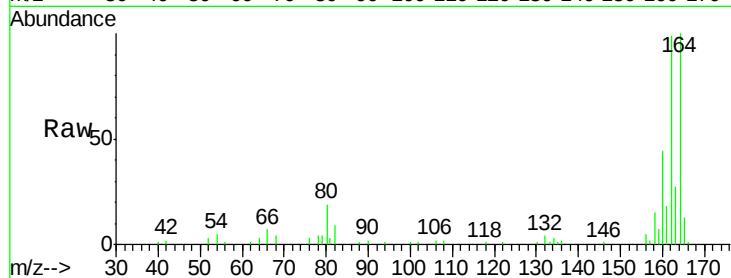




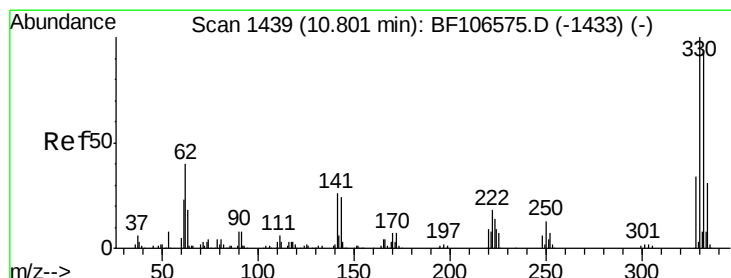
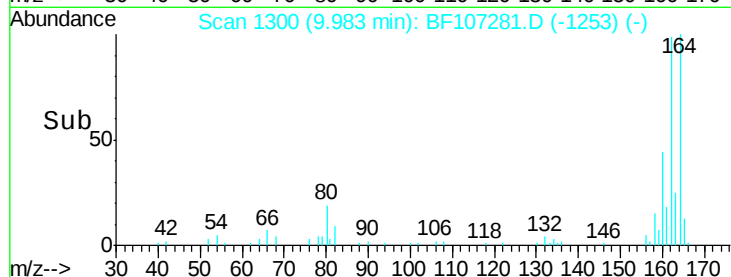
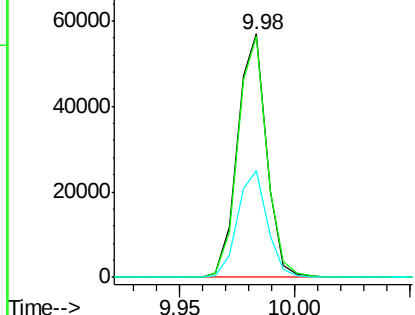
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

Instrument :
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 BS-S-7-SOILRE

Tgt Ion:164 Resp: 49763
 Ion Ratio Lower Upper
 164 100
 162 99.2 86.1 129.1
 160 43.9 38.3 57.5

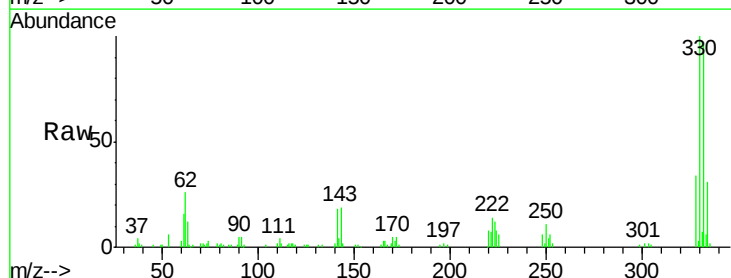


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

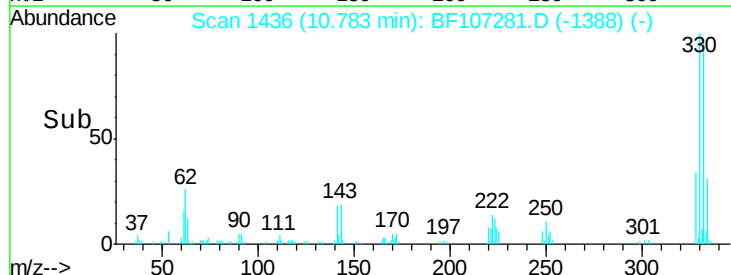
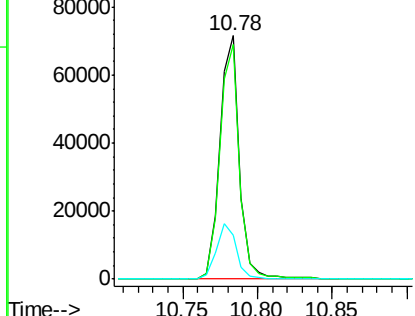


#41
 2,4,6-Tribromophenol
 Concen: 114.405 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

Tgt Ion:330 Resp: 65985
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 22.9 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

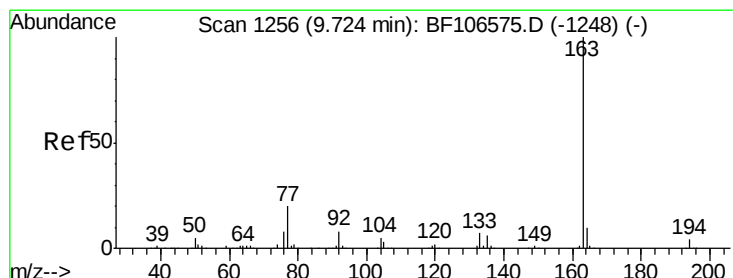
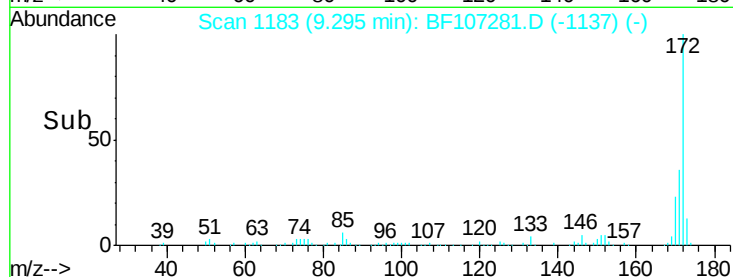
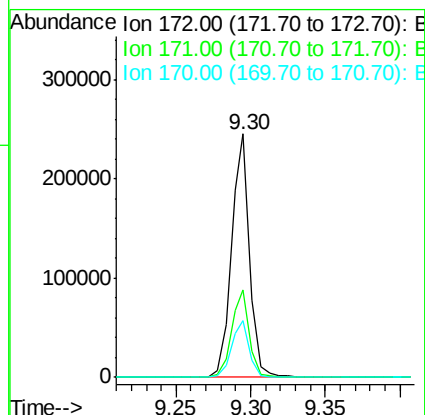
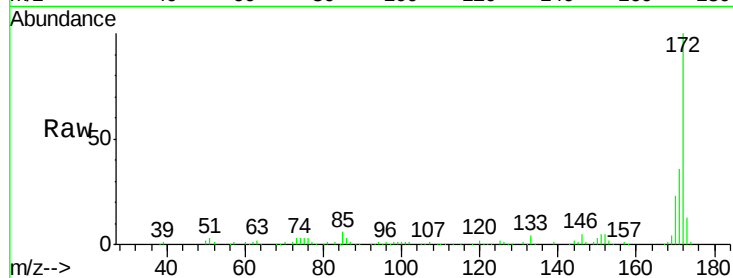




#44
2-Fluorobiphenyl
Concen: 68.223 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

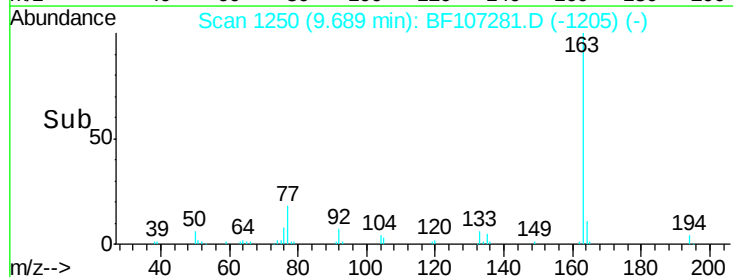
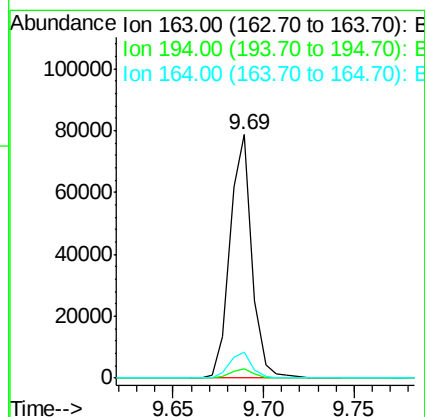
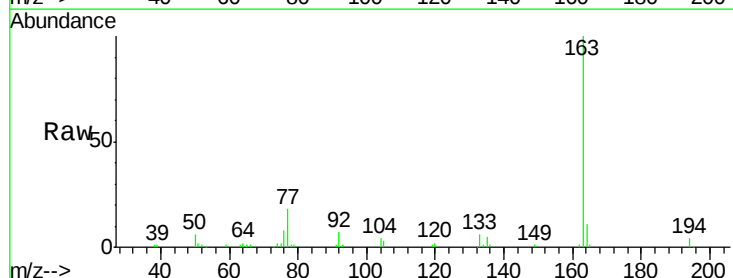
Instrument :
BNA_F
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BS-S-7-SOILRE

Tgt Ion:172 Resp: 209135
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 17.692 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion:163 Resp: 66032
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.5 8.2 12.2

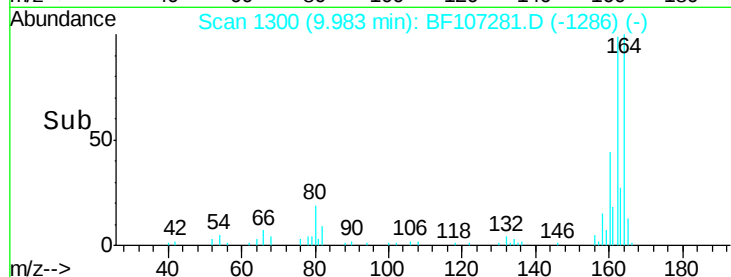
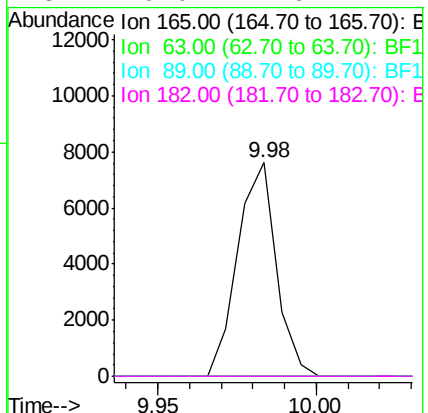
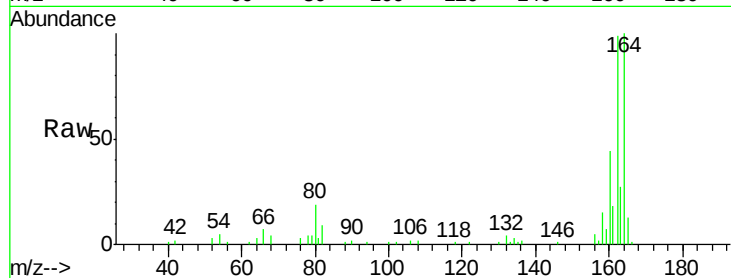




#56
2,4-Dinitrotoluene
Concen: 6.219 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

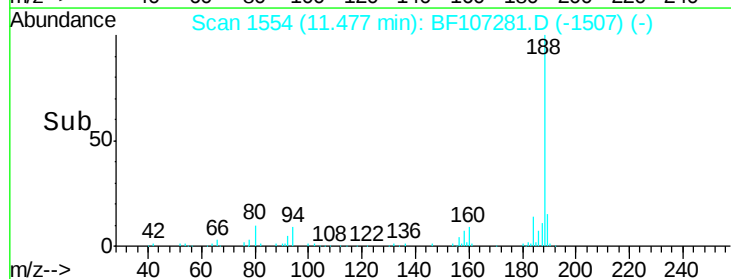
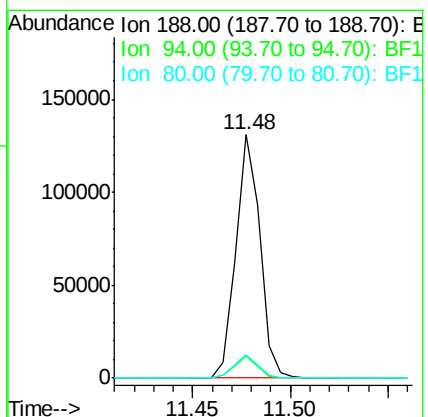
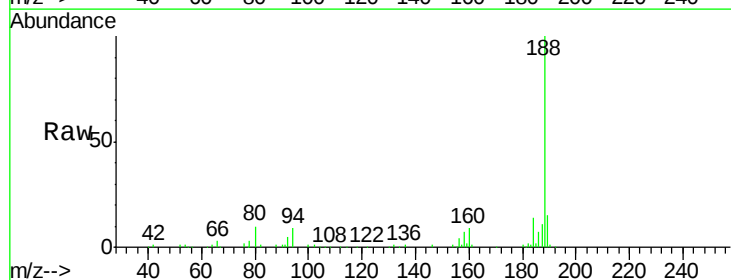
Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOILRE

Tgt Ion:165 Resp: 6415
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion:188 Resp: 111776
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 9.9 9.2 13.8

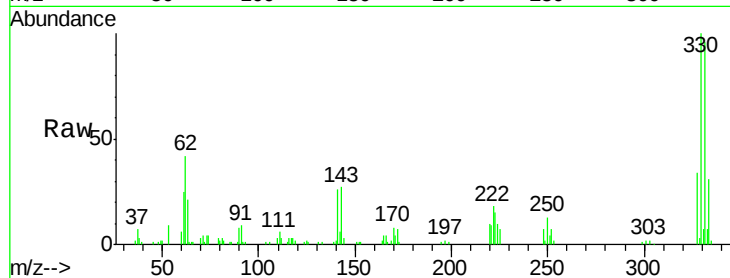




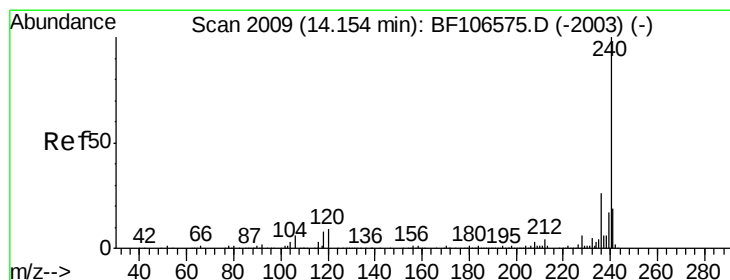
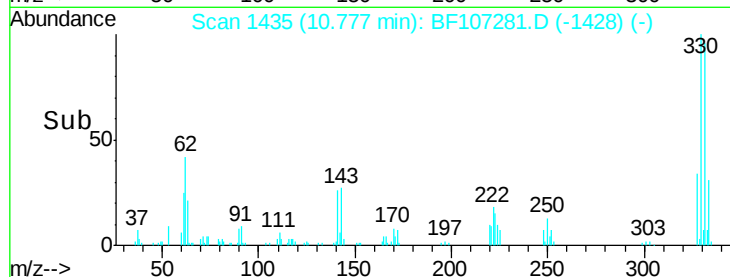
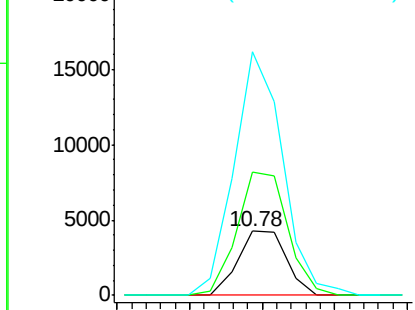
#66
4-Bromophenyl-phenylether
Concen: 2.939 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOILRE

Tgt Ion: 248 Resp: 3921
Ion Ratio Lower Upper
248 100
250 193.6 76.9 115.3#
141 380.8 74.4 111.6#

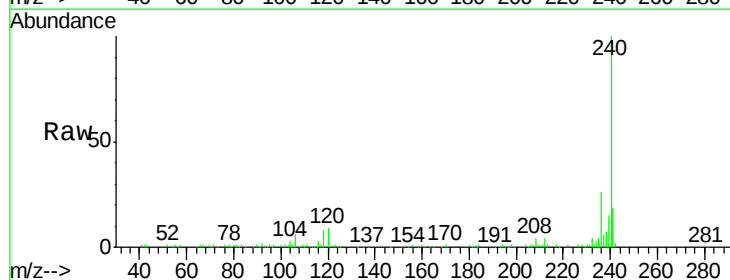


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

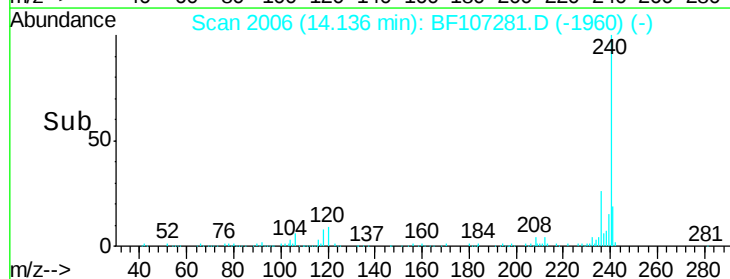
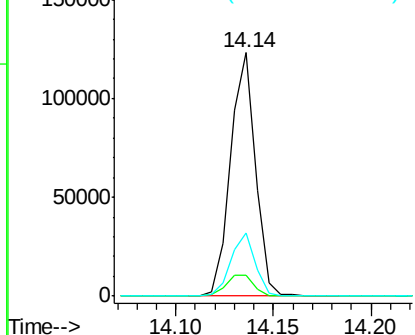


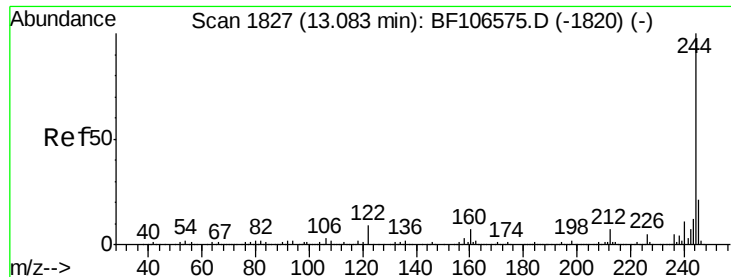
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion: 240 Resp: 108850
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 26.1 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

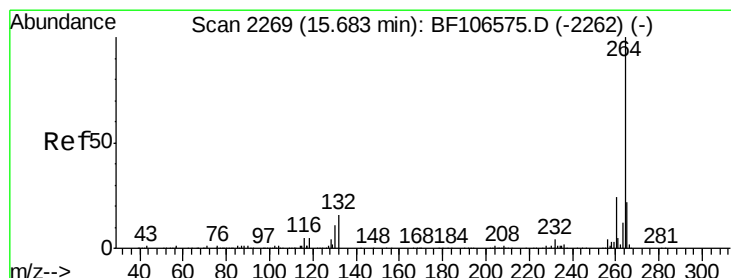
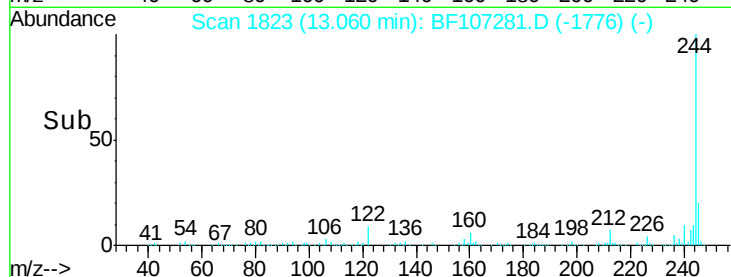
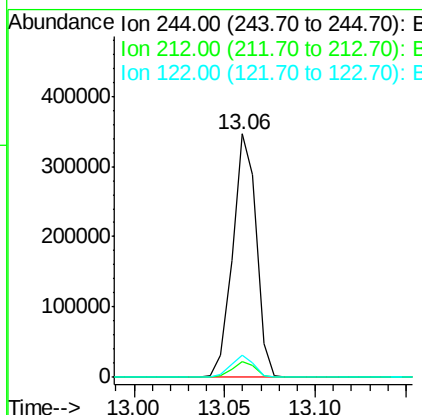
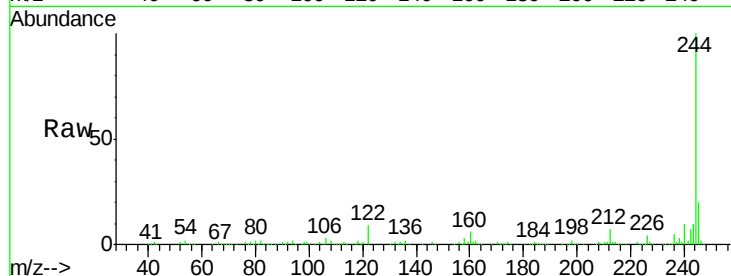




#78
 Terphenyl-d14
 Concen: 69.654 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOILRE

Tgt Ion: 244 Resp: 313001
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

Tgt Ion: 264 Resp: 75150
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 22.3 17.5 26.3

