

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110016.D
 Acq On : 19 Oct 2018 21:24
 Operator : JU/SJ
 Sample : J5590-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Quant Time: Oct 20 01:49:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

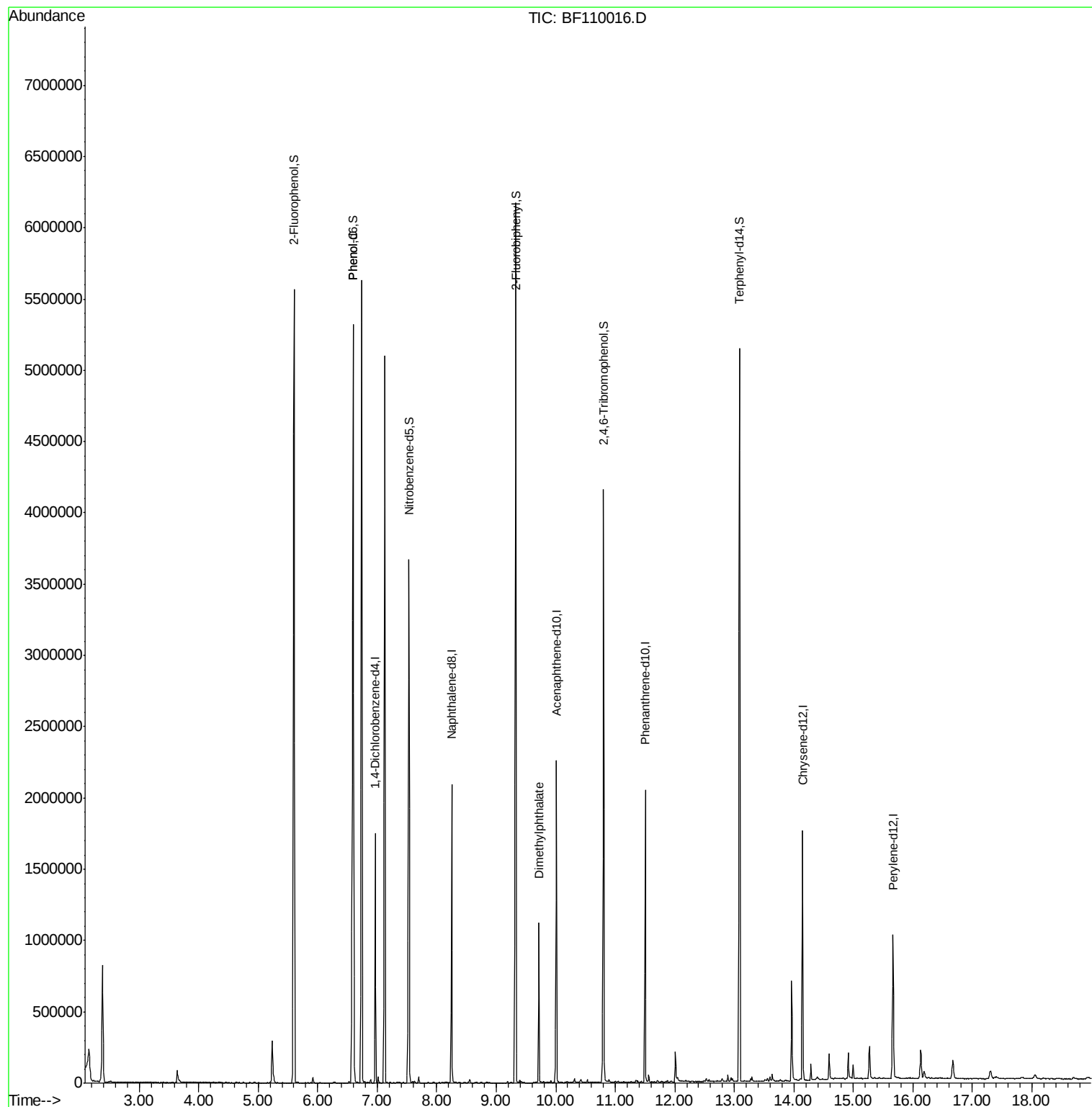
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	238278	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	924260	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	439091	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	789251	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	548407	20.00	ng	-0.02
87) Perylene-d12	15.66	264	388026	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1806847	120.20	ng	0.00
7) Phenol-d6	6.60	99	2287137	122.53	ng	0.00
23) Nitrobenzene-d5	7.53	82	1403295	102.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	504551	132.72	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2147991	78.06	ng	-0.01
79) Terphenyl-d14	13.09	244	1829557	70.06	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	214453	10.641	ng	Qvalue # 76
50) Dimethylphthalate	9.72	163	403990	12.994	ng	99

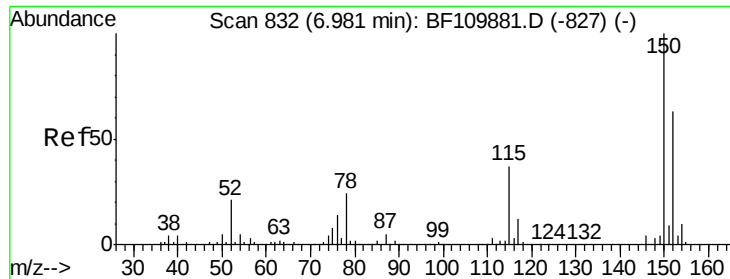
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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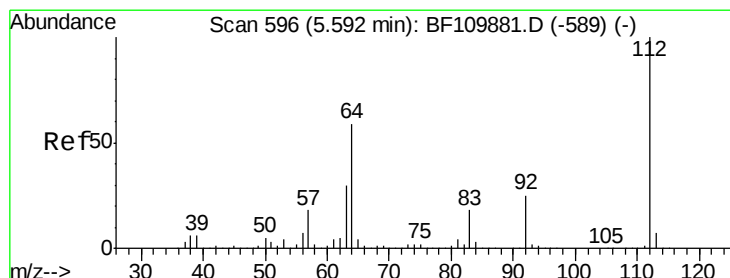
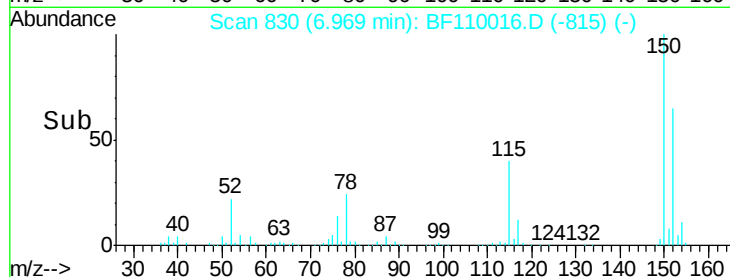
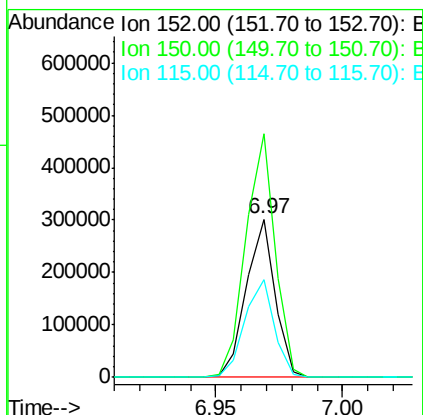
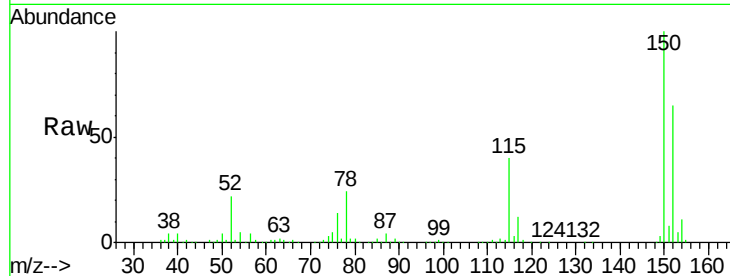




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

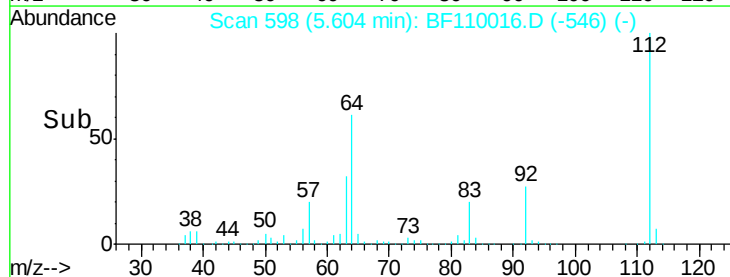
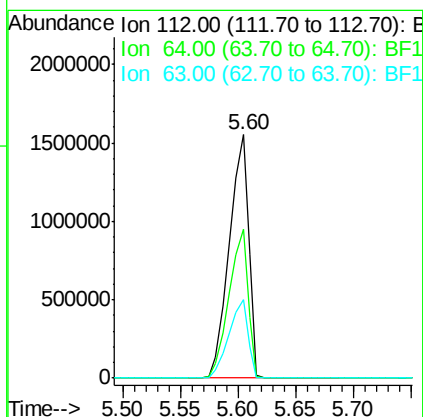
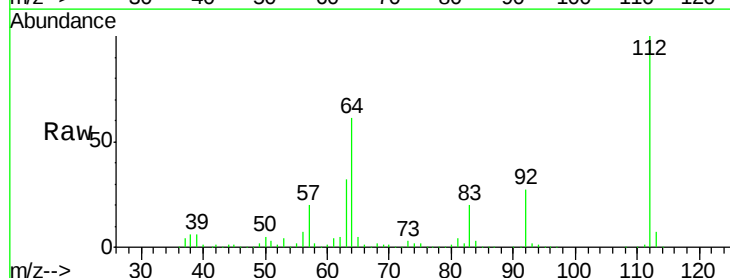
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tgt Ion:152 Resp: 238278
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.7 184.1
 115 61.6 49.1 73.7



#5
 2-Fluorophenol
 Concen: 120.200 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

Tgt Ion:112 Resp: 1806847
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.1 66.1
 63 32.4 23.7 35.5





#7

Phenol-d6

Concen: 122.531 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

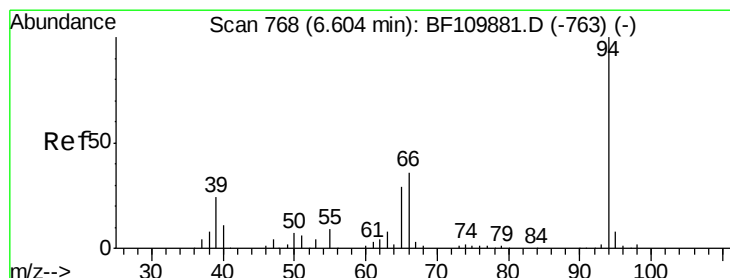
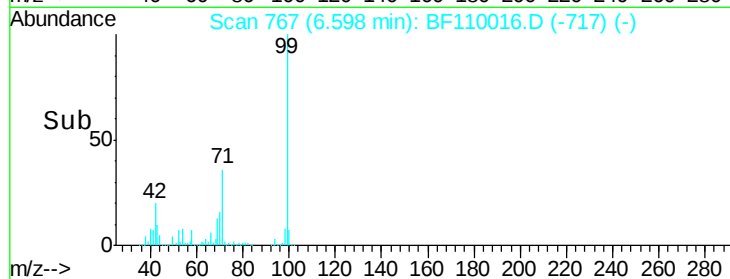
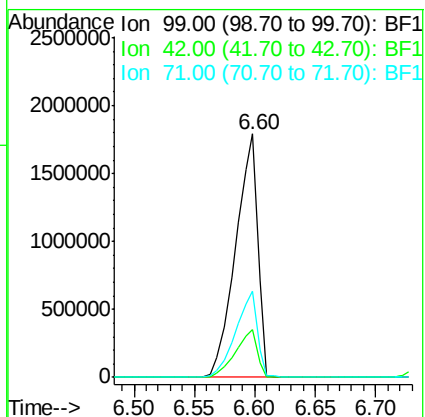
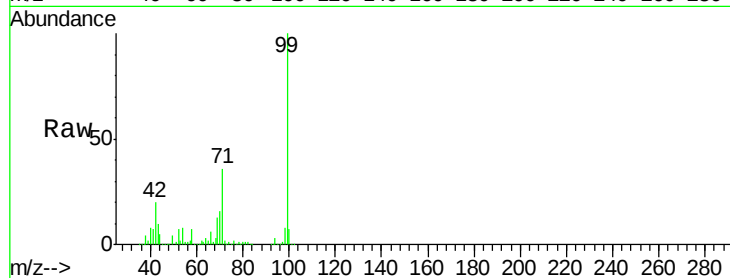
Tgt Ion: 99 Resp: 2287137

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

71 35.5 28.0 42.0



#10

Phenol

Concen: 10.641 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

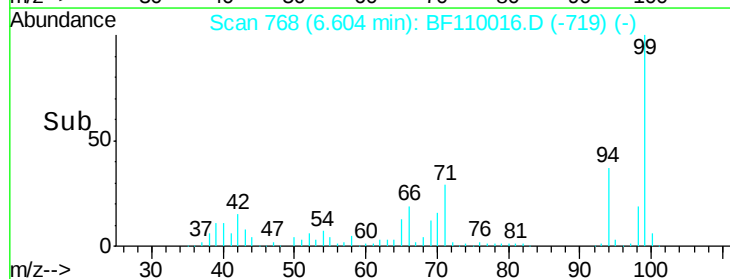
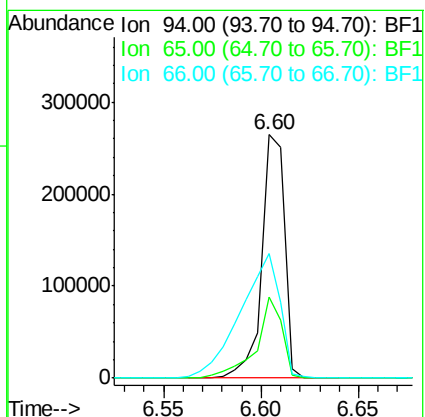
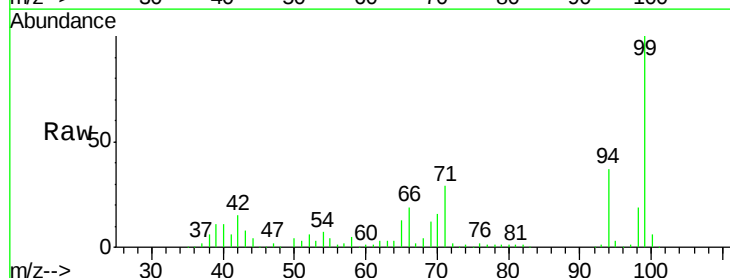
Tgt Ion: 94 Resp: 214453

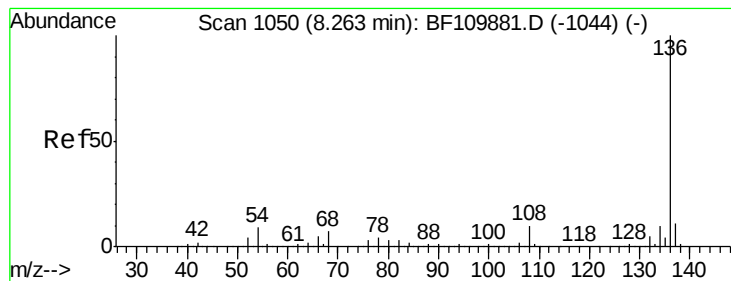
Ion Ratio Lower Upper

94 100

65 33.5 25.3 65.3

66 51.4 54.5 94.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

Tgt Ion: 136 Resp: 924260

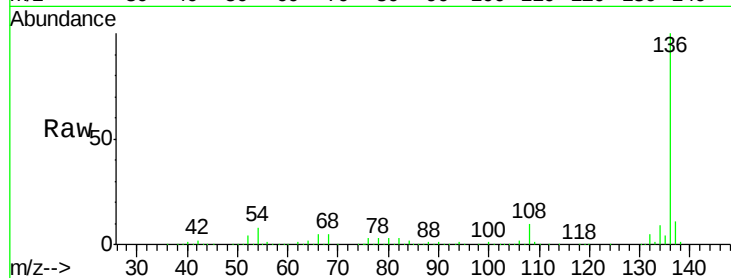
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 5.4 8.2

68 5.4 4.2 6.2

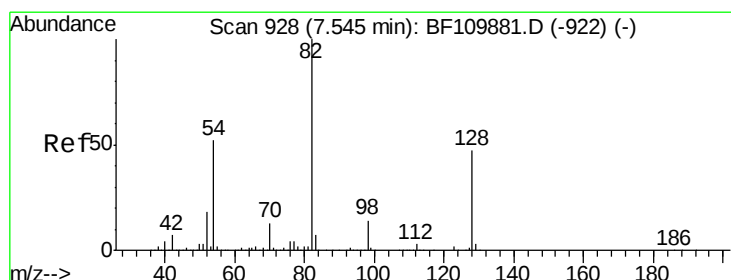
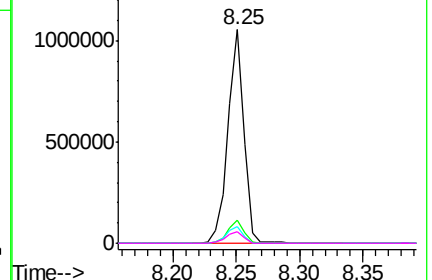
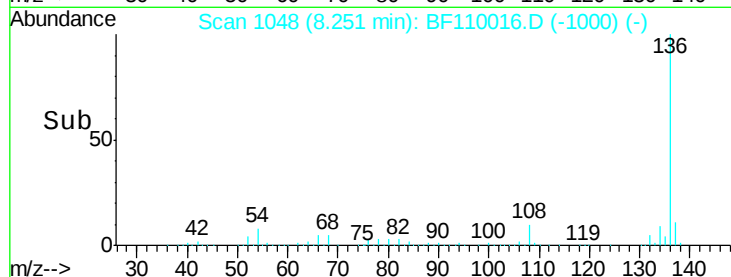


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.278 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

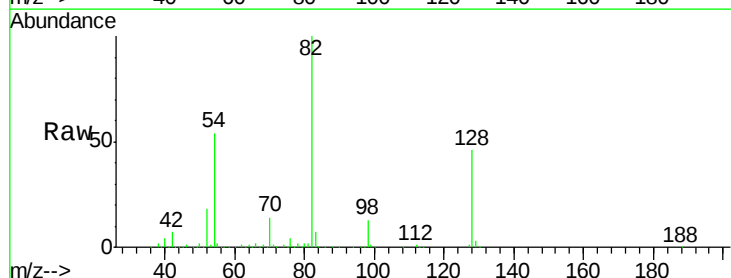
Tgt Ion: 82 Resp: 1403295

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.2

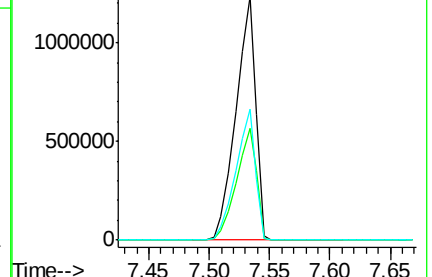
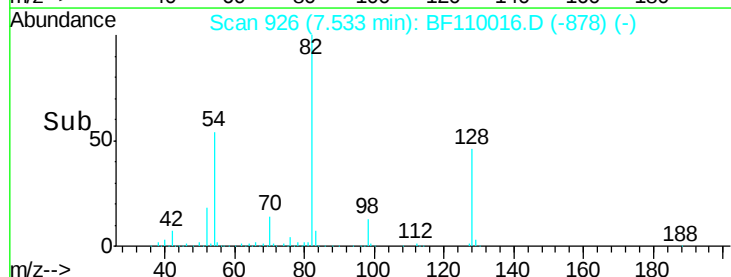
54 53.8 38.6 58.0

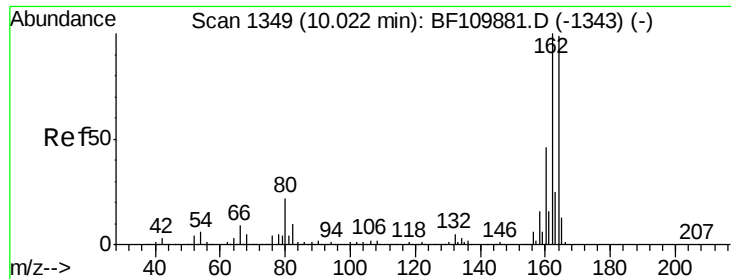


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-2

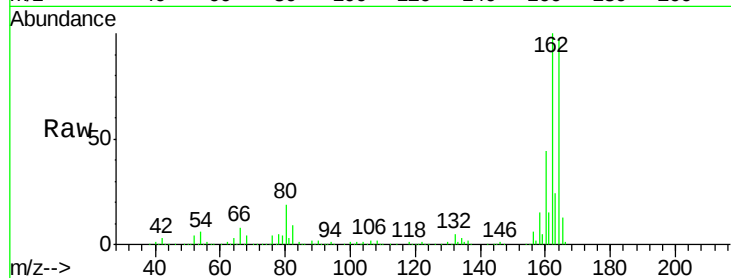
Tgt Ion:164 Resp: 439091

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.6

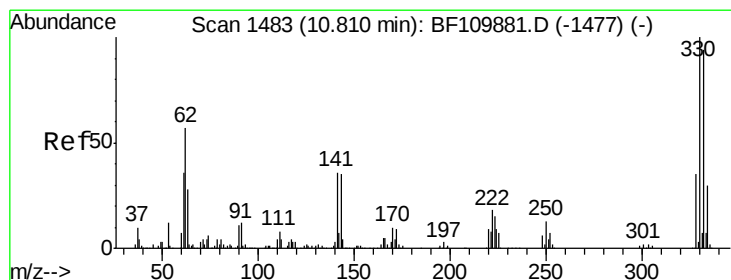
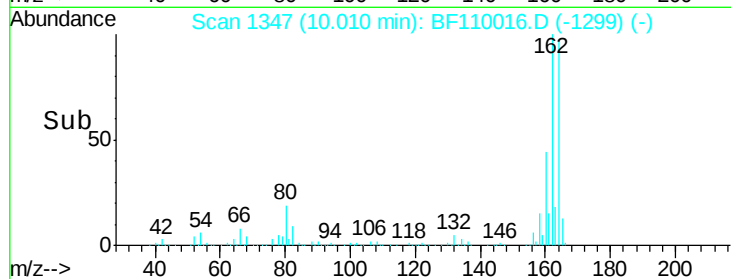
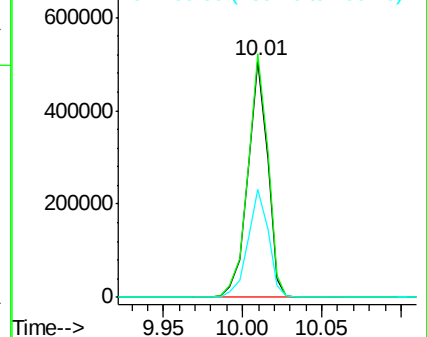
160 45.7 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 132.723 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110016.D

Acq: 19 Oct 2018 21:24

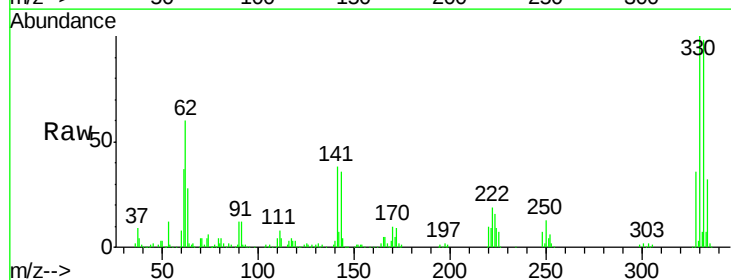
Tgt Ion:330 Resp: 504551

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

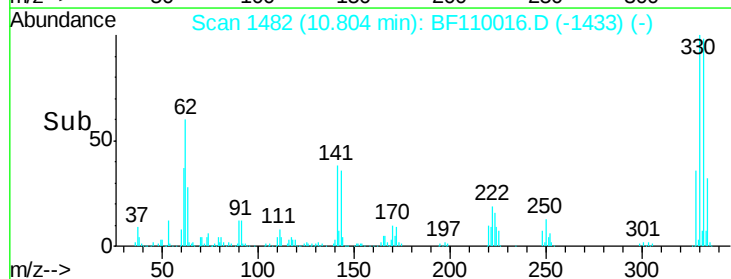
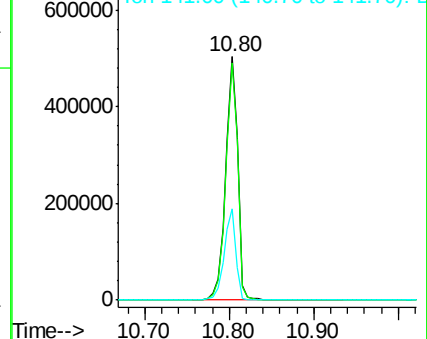
141 36.6 27.0 40.4

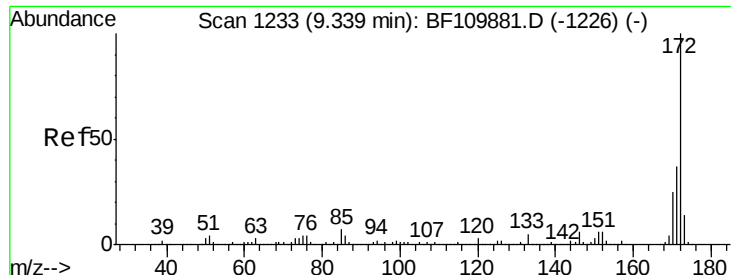


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

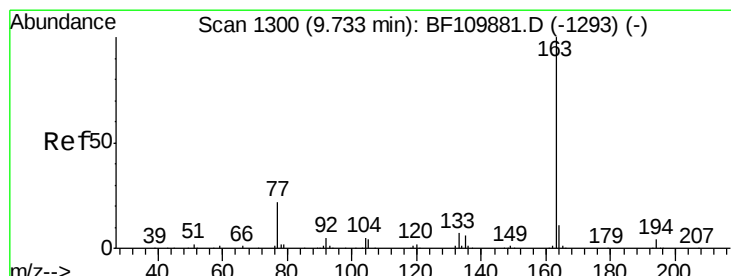
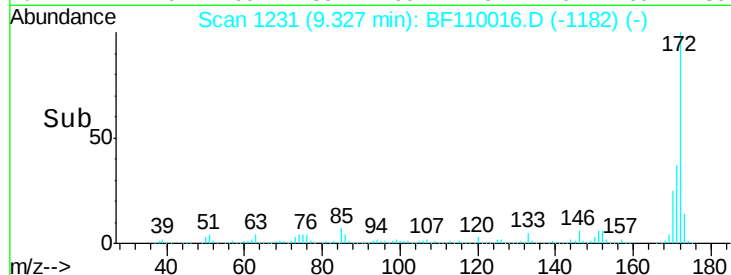
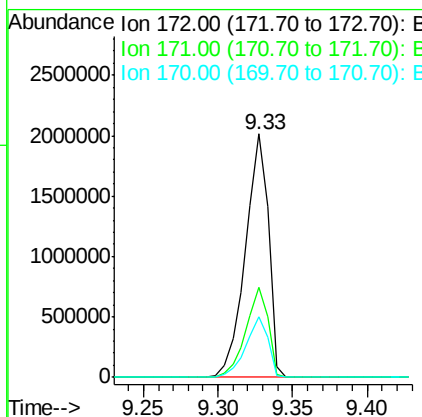
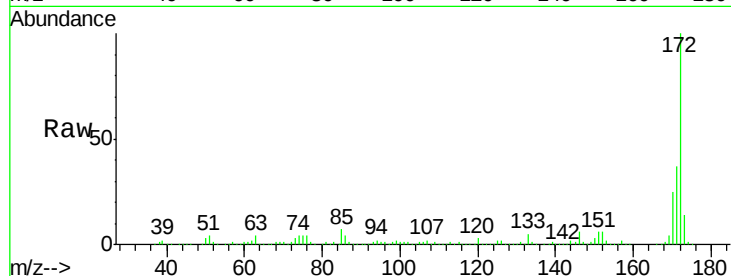




#45
 2-Fluorobiphenyl
 Concen: 78.058 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

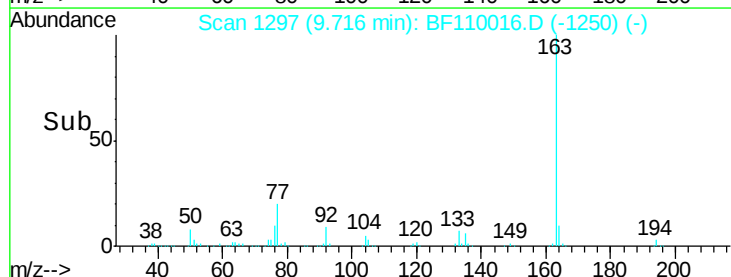
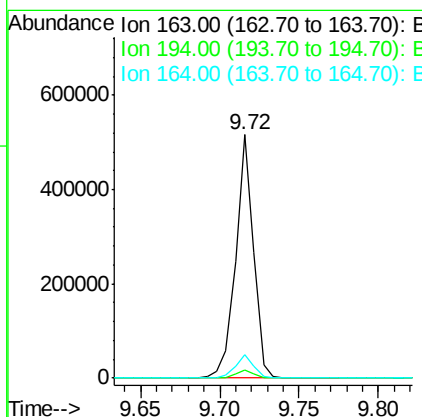
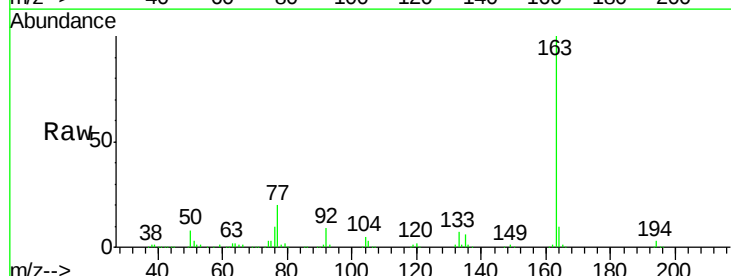
Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

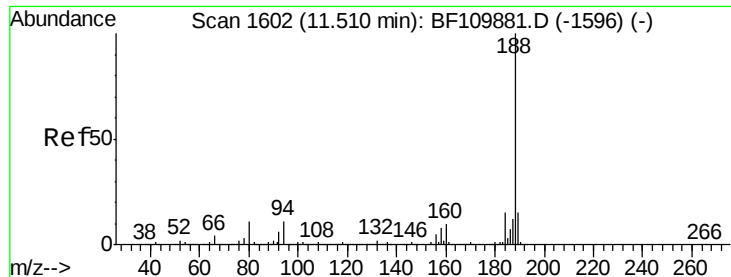
Tgt Ion:172 Resp: 2147991
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 25.0 19.7 29.5



#50
 Dimethylphthalate
 Concen: 12.994 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

Tgt Ion:163 Resp: 403990
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 9.8 8.1 12.1

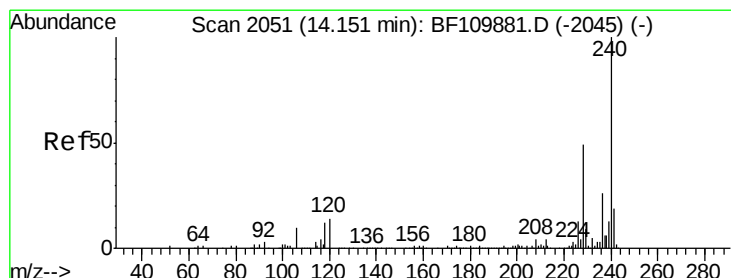
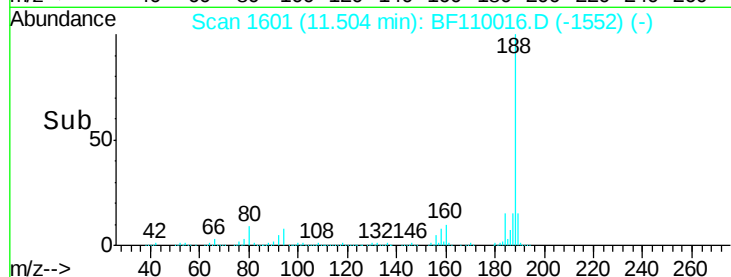
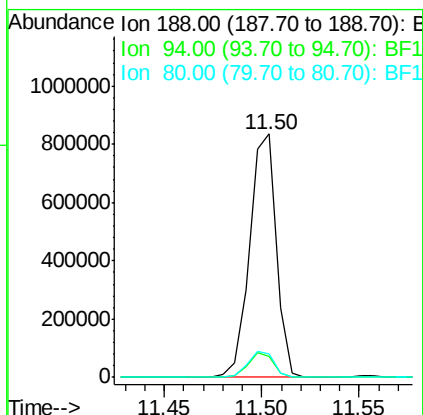
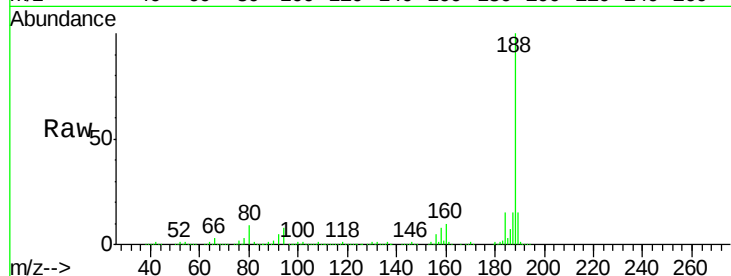




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110016.D
Acq: 19 Oct 2018 21:24

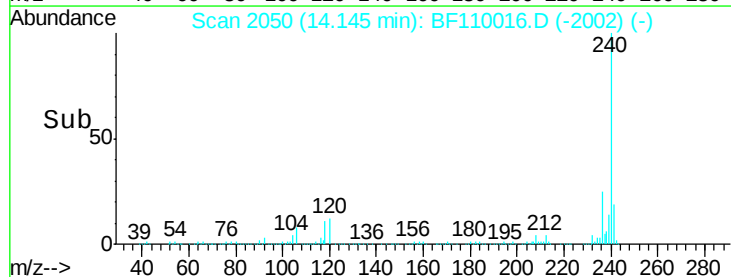
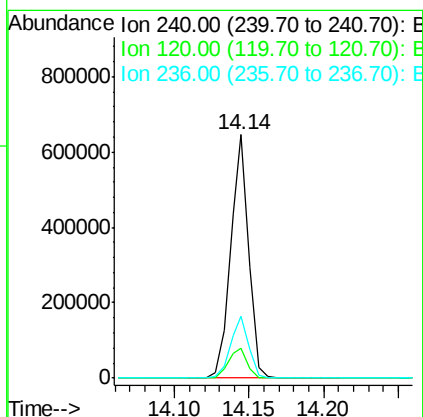
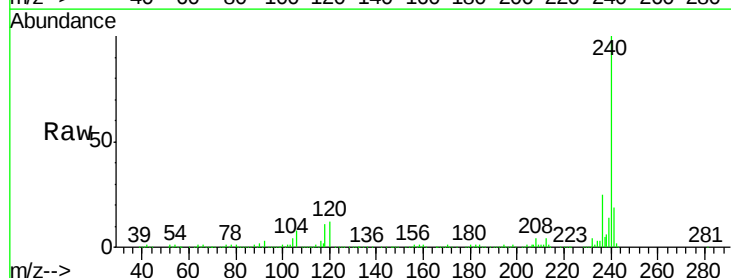
Instrument :
BNA_F
ClientSampled :
LS-SOIL-2

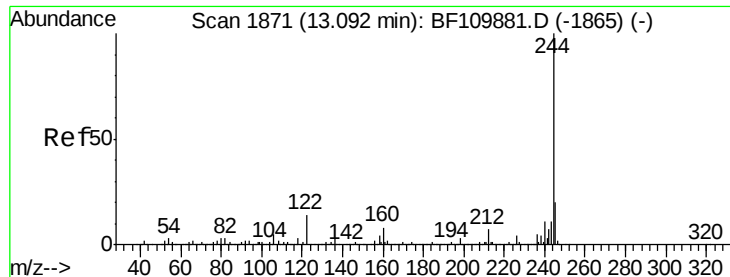
Tgt Ion:188 Resp: 789251
Ion Ratio Lower Upper
188 100
94 8.4 7.2 10.8
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110016.D
Acq: 19 Oct 2018 21:24

Tgt Ion:240 Resp: 548407
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.3 21.2 31.8

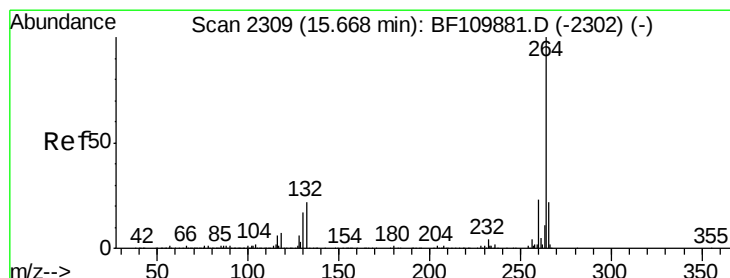
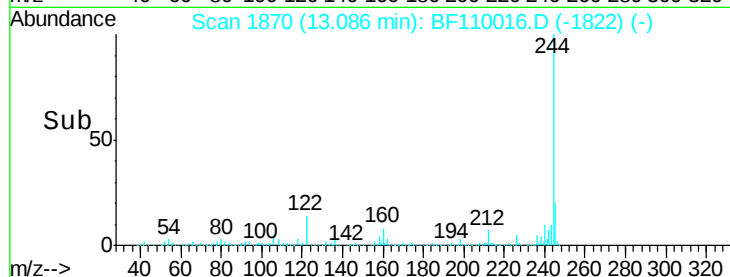
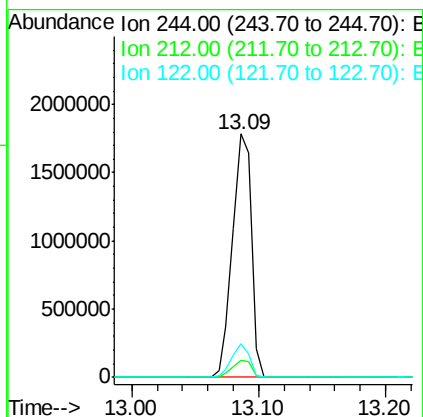
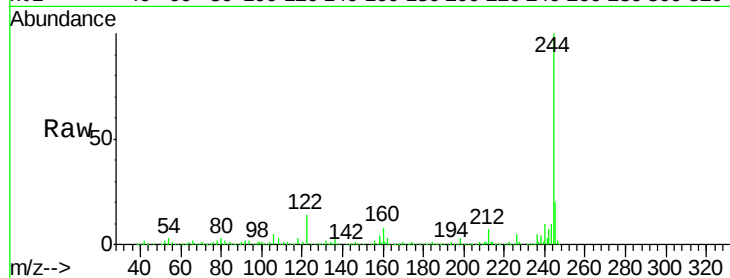




#79
 Terphenyl-d14
 Concen: 70.056 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-2

Tgt Ion:244 Resp: 1829557
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.7 8.7 13.1#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. -0.03 min
 Lab File: BF110016.D
 Acq: 19 Oct 2018 21:24

Tgt Ion:264 Resp: 388026
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 16.7 25.1

