

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109258.D
 Acq On : 24 Sep 2018 11:12
 Operator : JU/SJ
 Sample : J5021-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-D

Quant Time: Sep 24 14:22:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

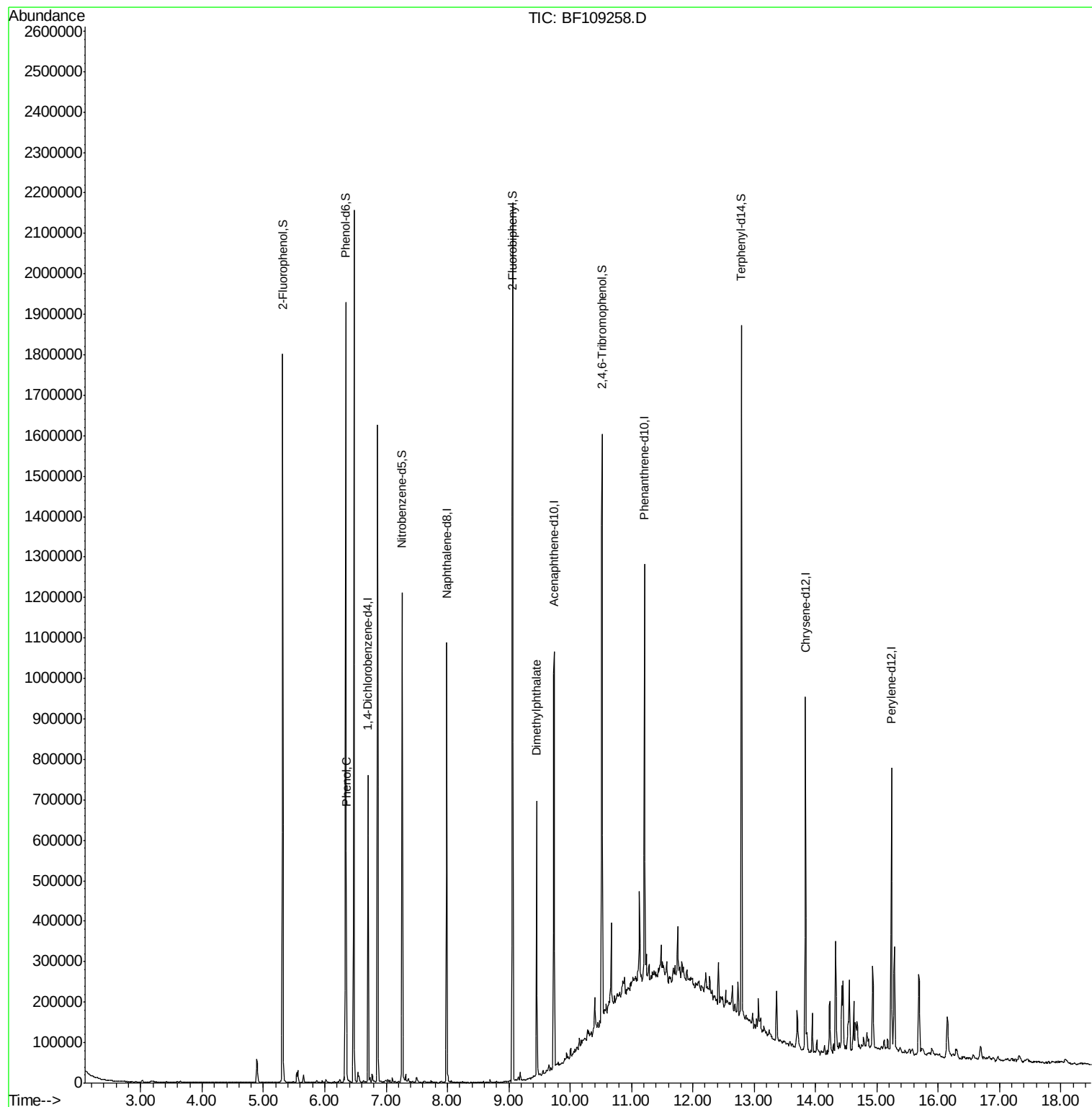
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106101	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	416040	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	202698	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	384217	20.00	ng	0.00
75) Chrysene-d12	13.84	240	281786	20.00	ng	0.00
86) Perylene-d12	15.24	264	295975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	484672	75.24	ng	0.00
7) Phenol-d6	6.35	99	626056	76.16	ng	-0.01
23) Nitrobenzene-d5	7.26	82	387811	55.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	169369	84.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	602461	44.83	ng	-0.01
78) Terphenyl-d14	12.79	244	579552	50.48	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27693	2.975	ng	96
49) Dimethylphthalate	9.46	163	239716	16.260	ng	99

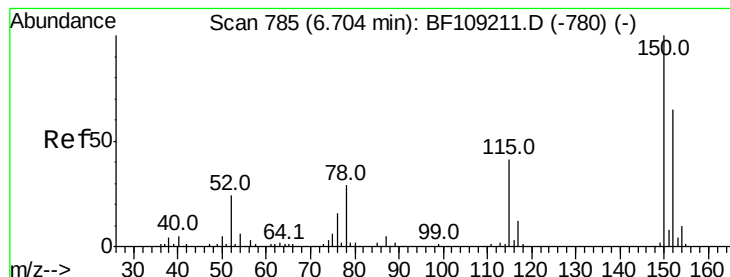
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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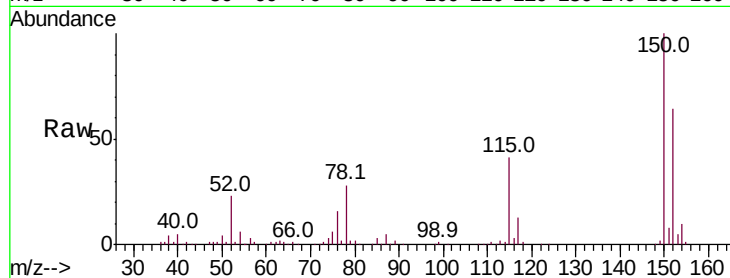


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	64.6	50.1	75.1

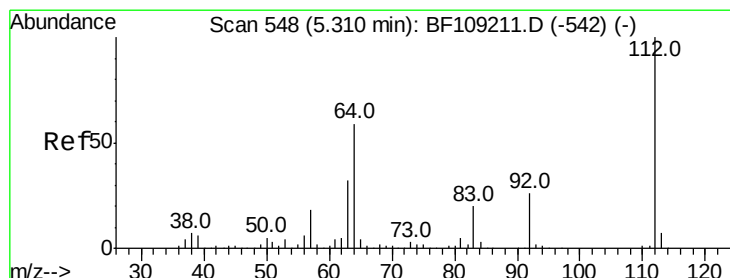
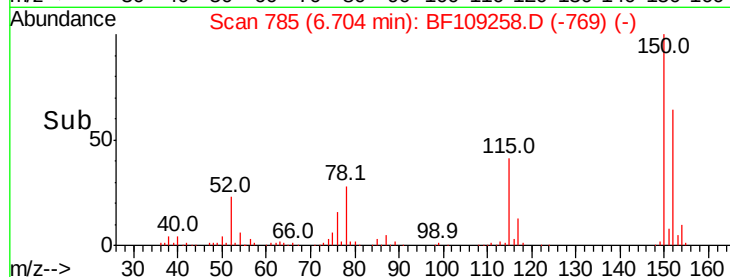
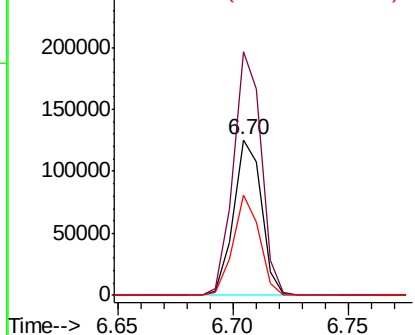


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

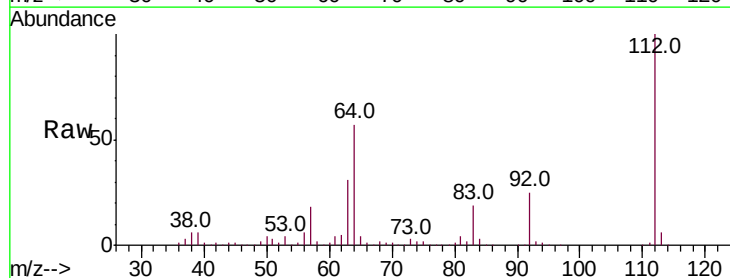
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 75.239 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	30.5	23.7	35.5

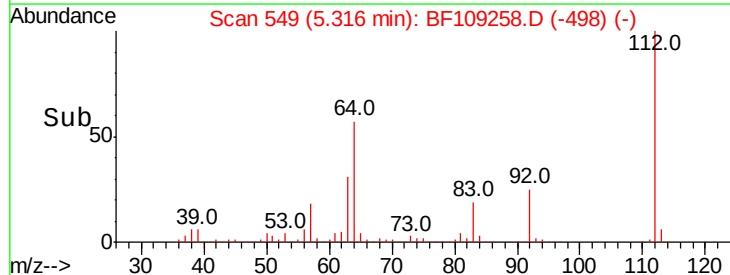
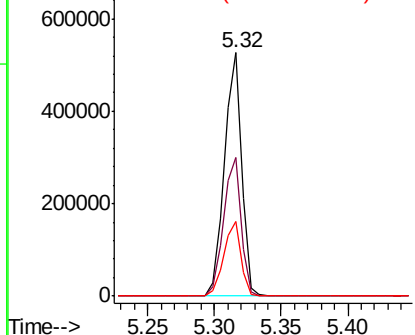


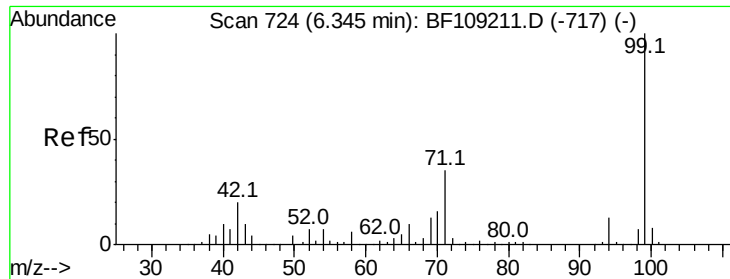
Abundance

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: 76.163 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-D

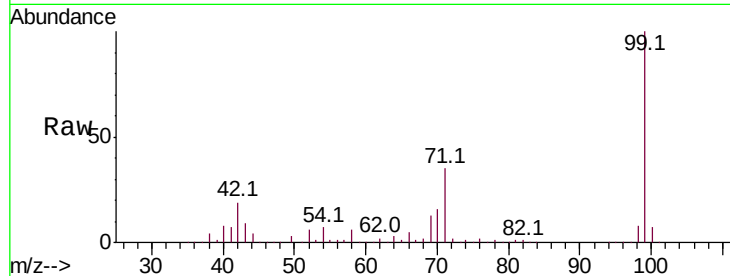
Tot Ion: 99 Resp: 626056

Ion Ratio Lower Upper

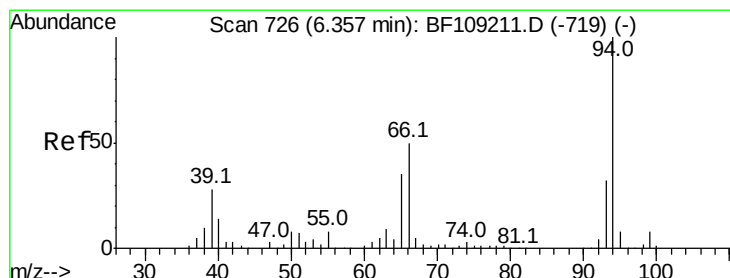
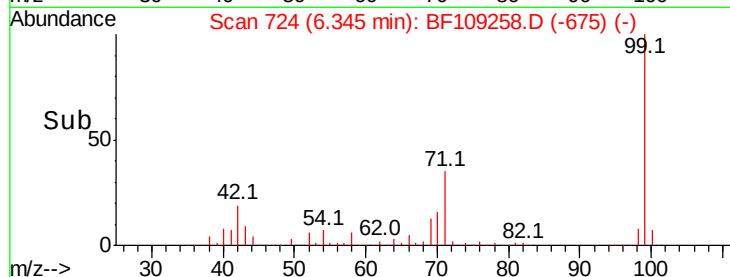
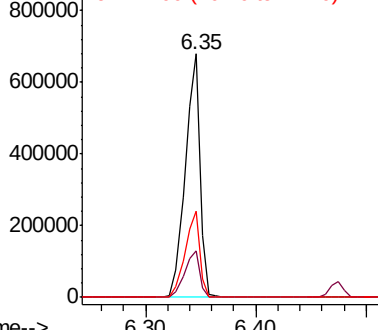
99 100

42 19.4 14.5 21.7

71 35.3 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



#10

Phenol

Concen: 2.975 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

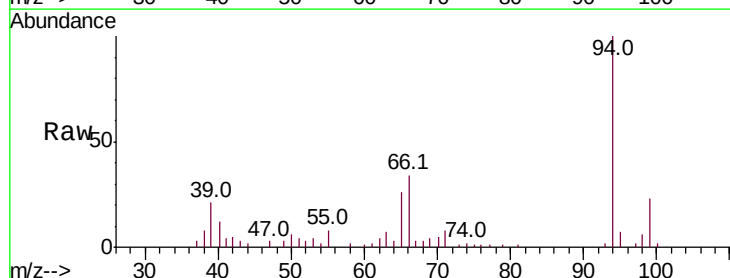
Tgt Ion: 94 Resp: 27693

Ion Ratio Lower Upper

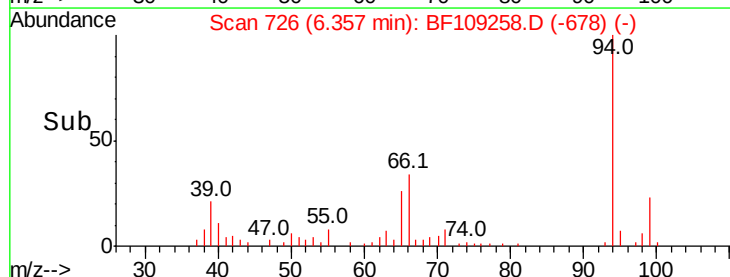
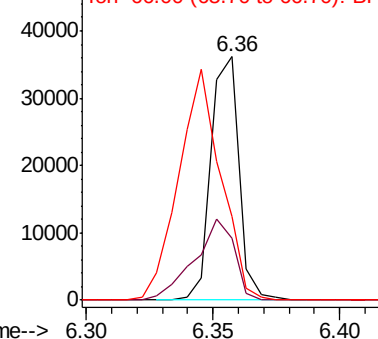
94 100

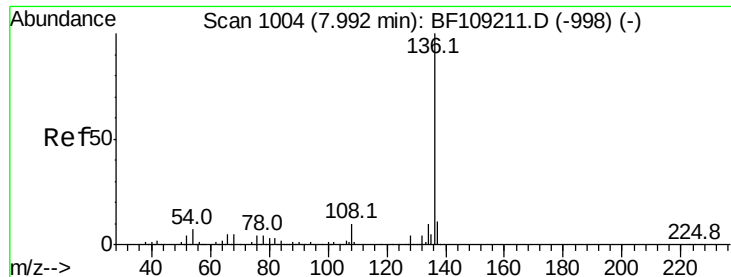
65 25.6 7.9 47.9

66 34.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

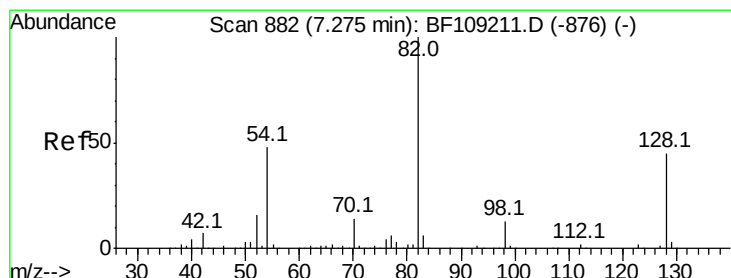
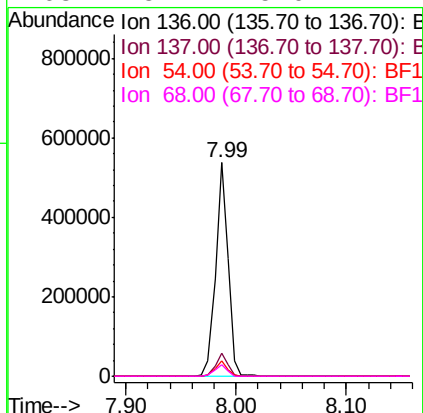
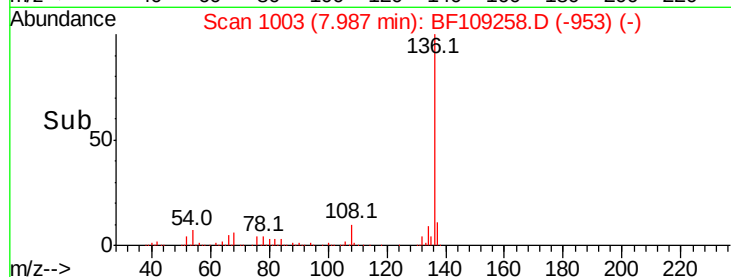
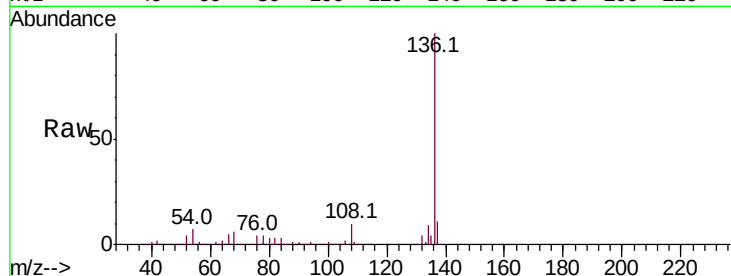




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

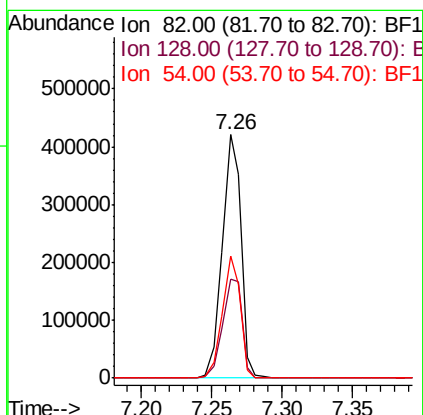
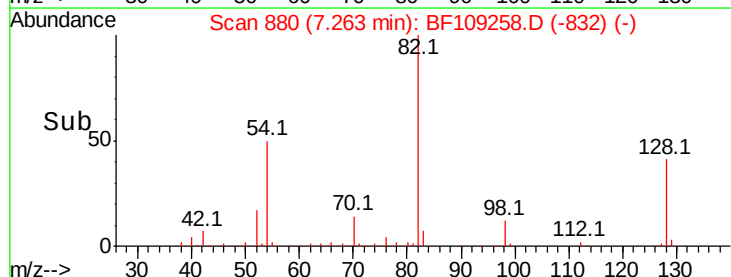
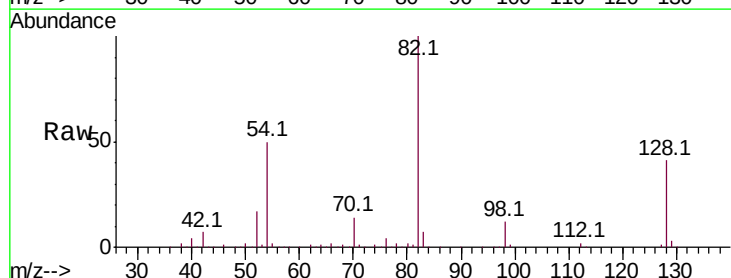
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-D

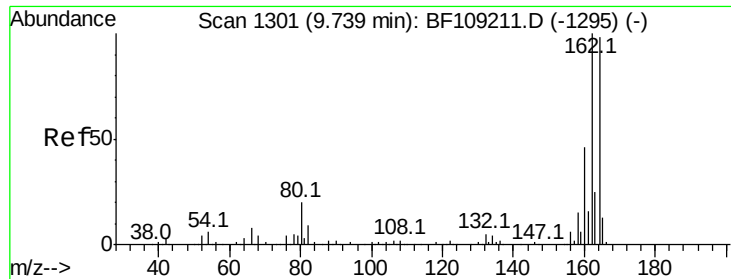
Tot Ion:136	Resp:	416040
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.4	6.6	9.8
68 5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 55.026 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion: 82	Resp: 387811
Ion Ratio	Lower Upper
82 100	
128 40.8	36.1 54.1
54 50.1	41.4 62.2

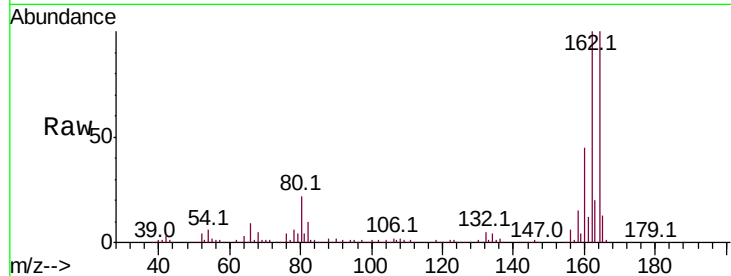




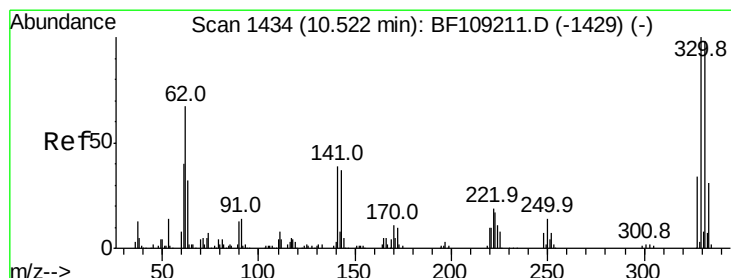
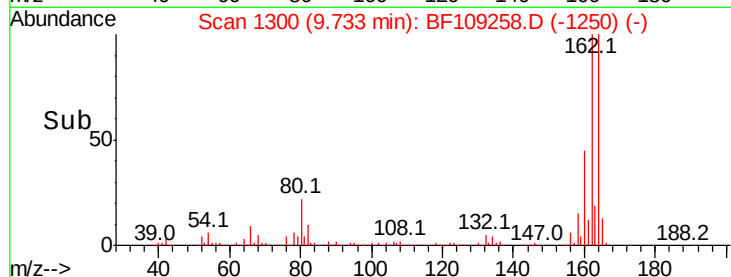
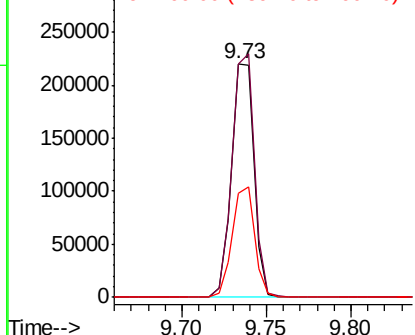
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-D

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	44.8	38.3	57.5

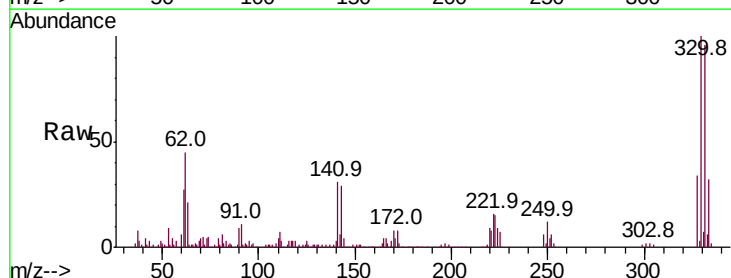


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

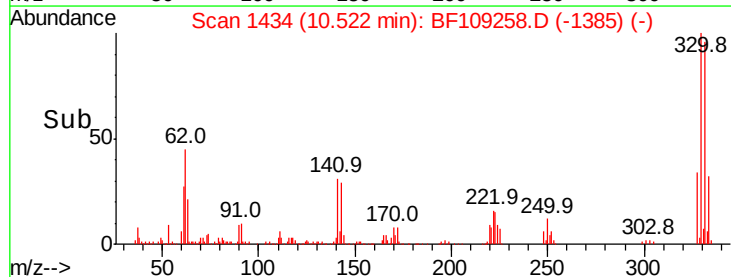
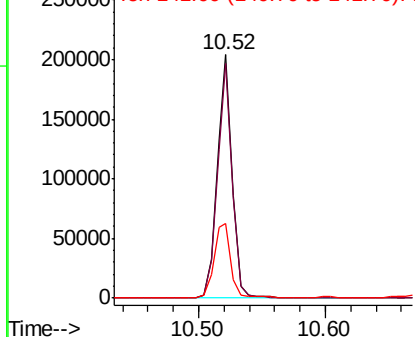


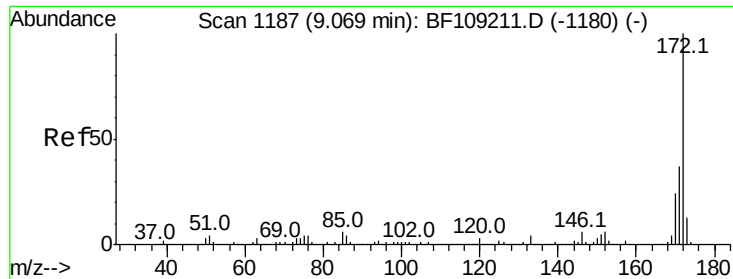
#41
 2,4,6-Tribromophenol
 Concen: 84.762 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.7	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

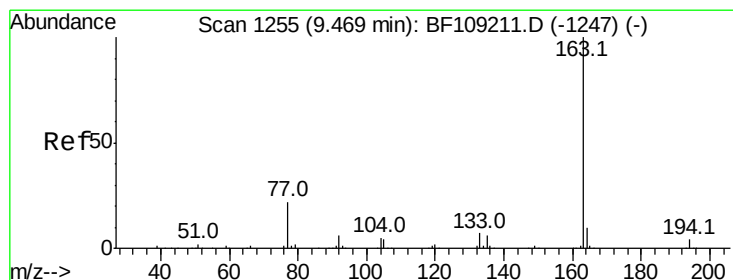
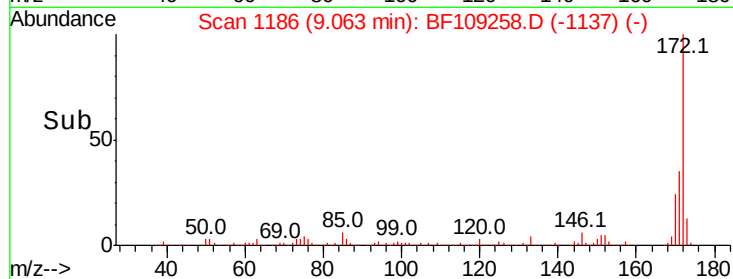
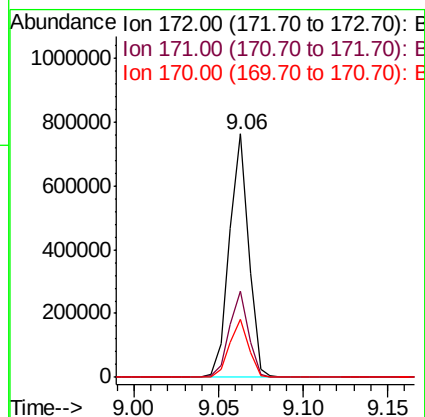
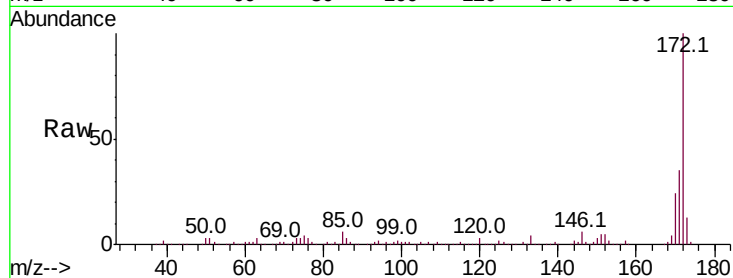




#44
2-Fluorobiphenyl
Concen: 44.827 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

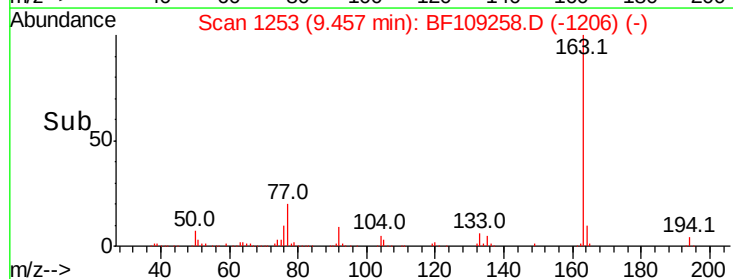
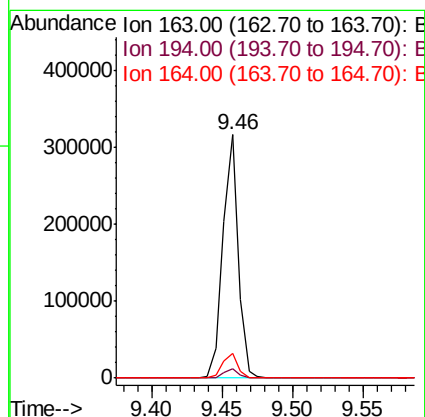
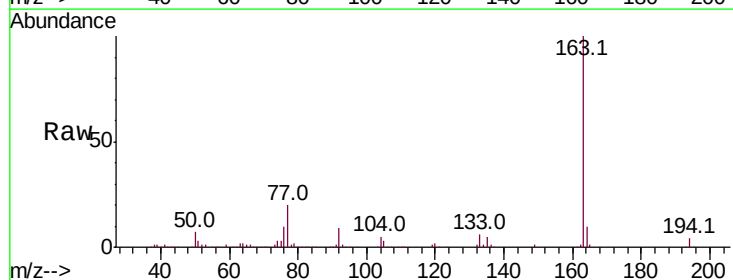
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-D

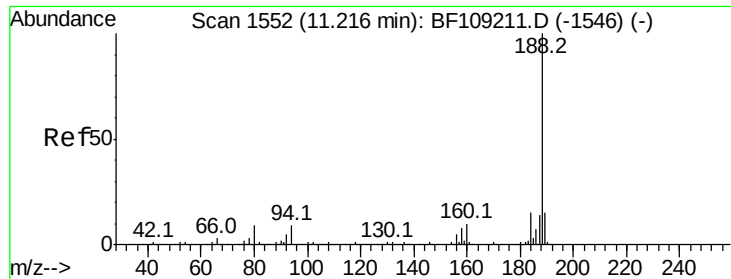
Tot Ion:172 Resp: 602461
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 16.260 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion:163 Resp: 239716
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.3 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

Instrument :

BNA_F

ClientSampled :

LS-SOIL-D

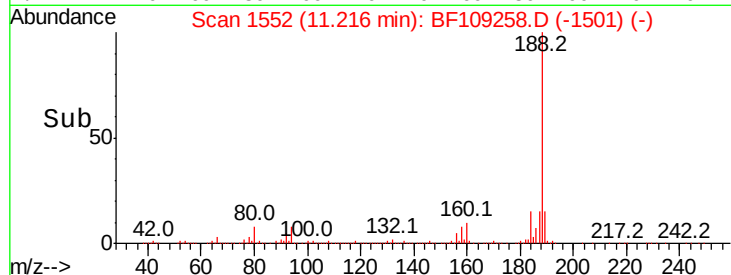
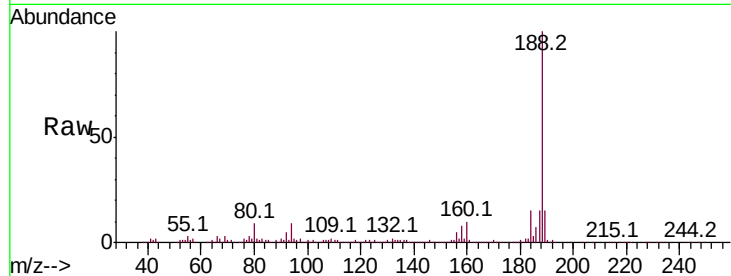
Tot Ion:188 Resp: 384217

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

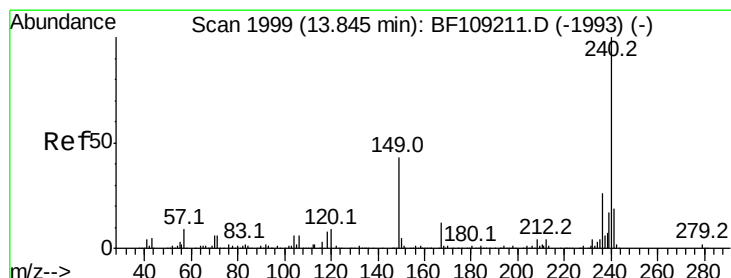
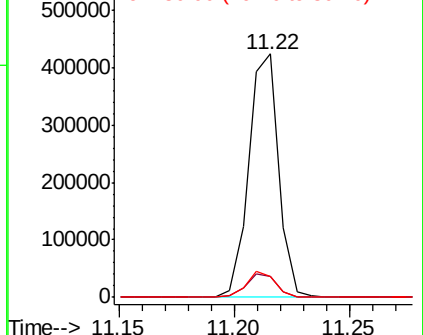
80 8.7 9.2 13.8#



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

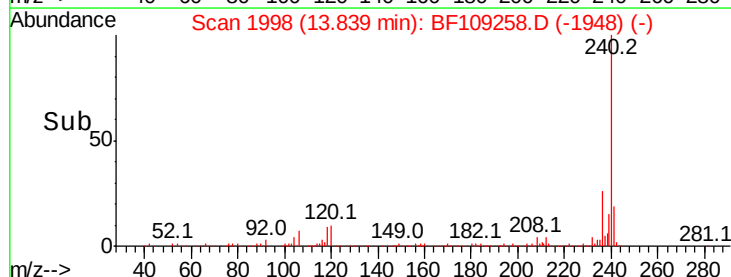
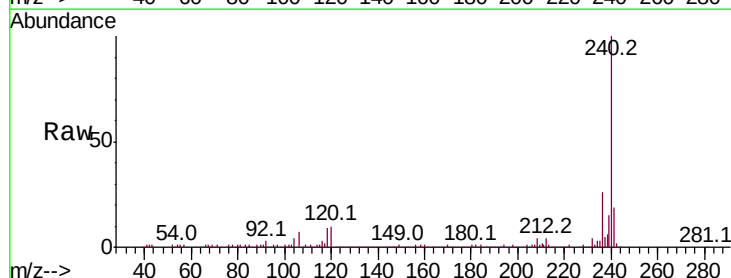
Tgt Ion:240 Resp: 281786

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

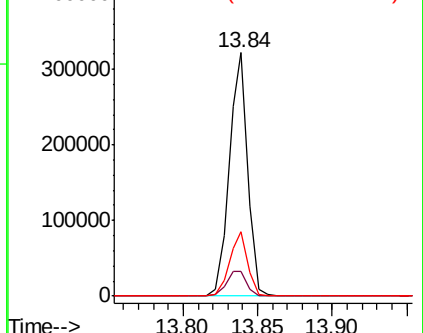
236 26.3 20.7 31.1

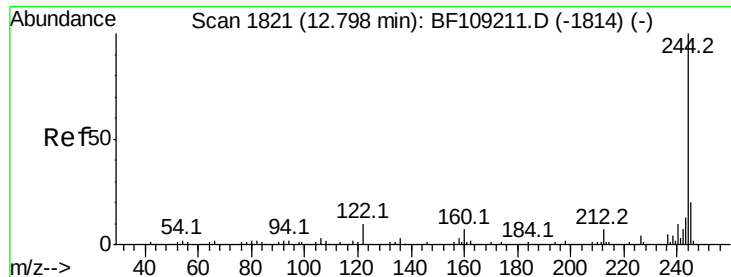


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

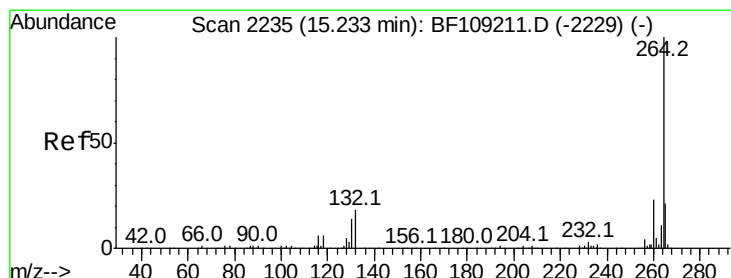
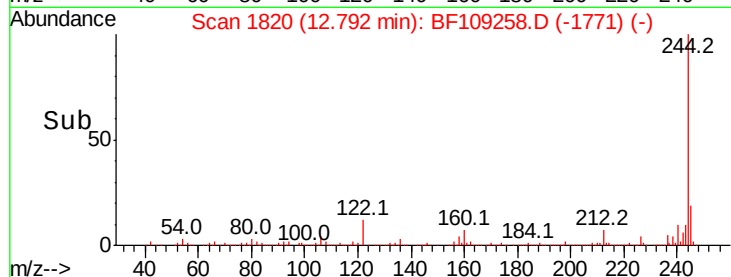
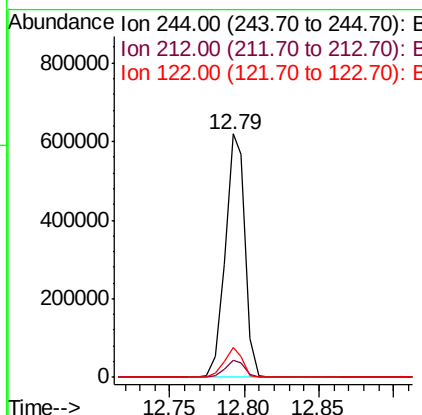
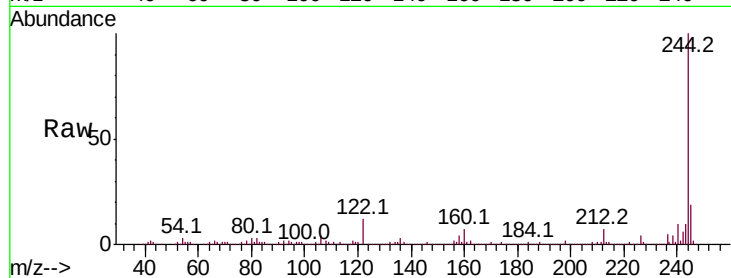




#78
 Terphenyl-d14
 Concen: 50.475 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-D

Tot Ion:244 Resp: 579552
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Tgt Ion:264 Resp: 295975
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 17.5 26.3

