

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110048.D
 Acq On : 22 Oct 2018 14:57
 Operator : JU/SJ
 Sample : J5590-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

Quant Time: Oct 23 02:56:07 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

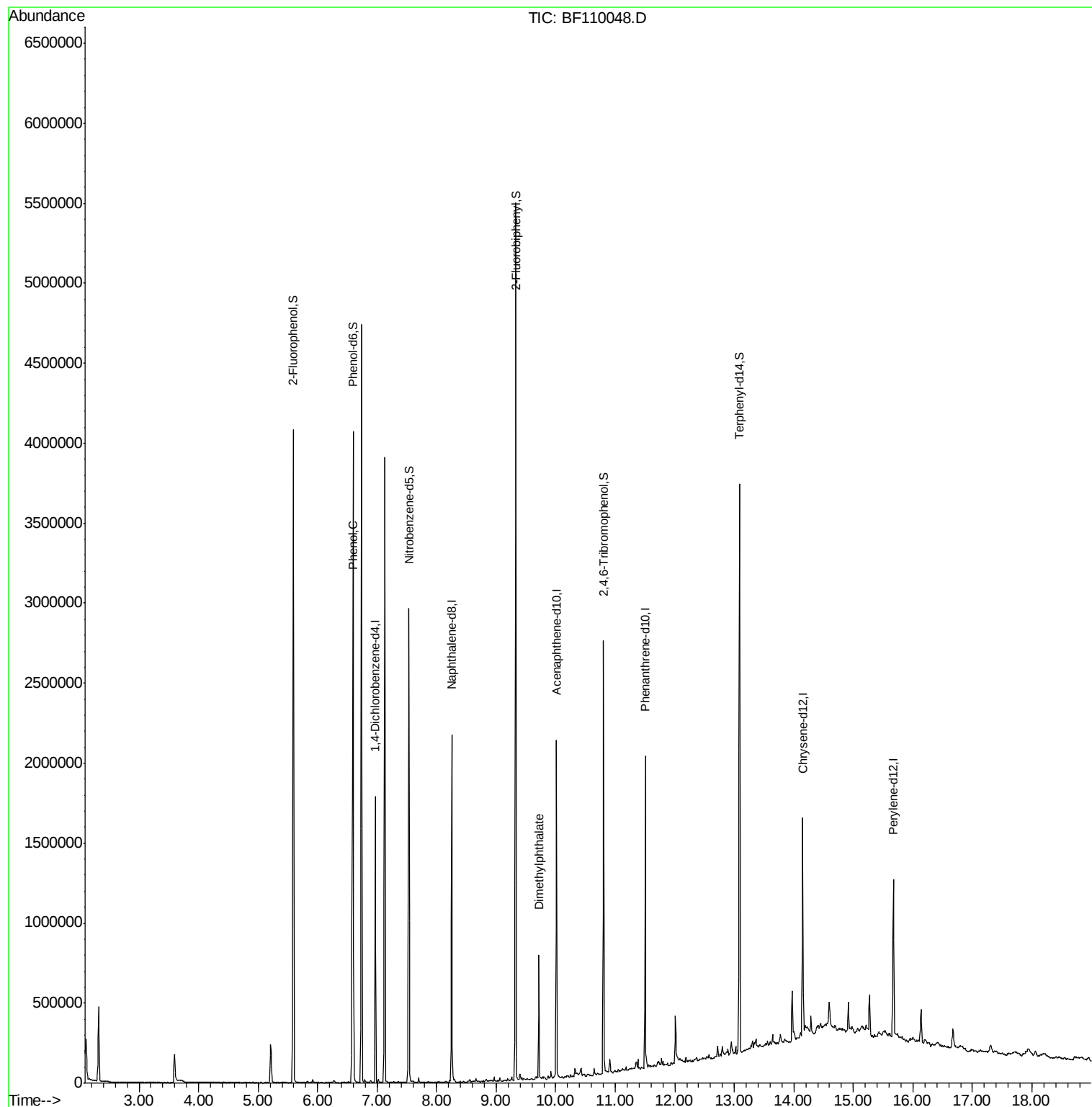
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	232757	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	927093	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	409540	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	650800	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	460677	20.00	ng	-0.02
87) Perylene-d12	15.67	264	377497	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1217163	82.89	ng	0.00
7) Phenol-d6	6.59	99	1577263	86.50	ng	-0.01
23) Nitrobenzene-d5	7.53	82	961936	69.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	309158	87.19	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1586345	61.81	ng	-0.01
79) Terphenyl-d14	13.09	244	1187581	54.13	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	136349	6.926	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	256444	8.843	ng	99

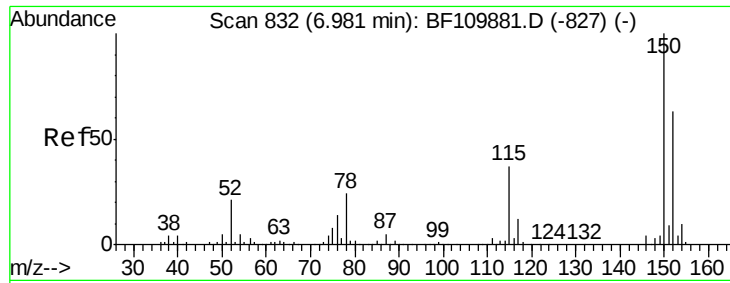
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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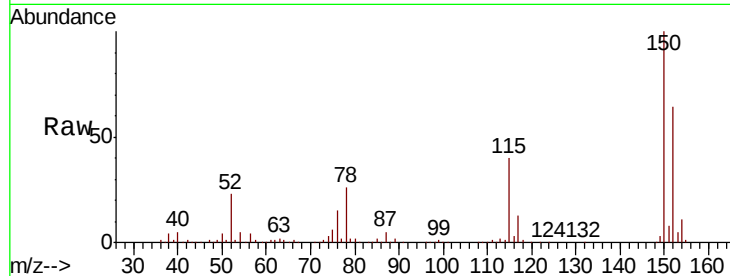


#1

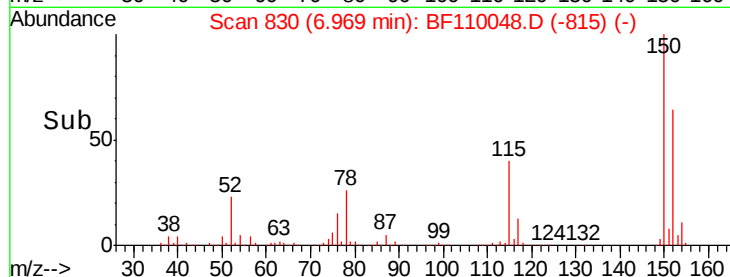
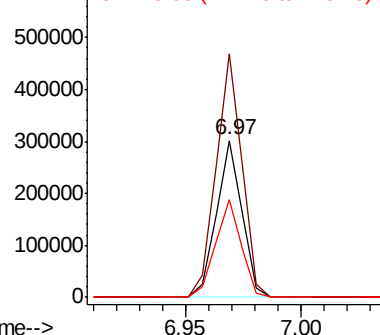
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:152 Resp: 232757
Ion Ratio Lower Upper
152 100
150 155.4 122.7 184.1
115 62.3 49.1 73.7



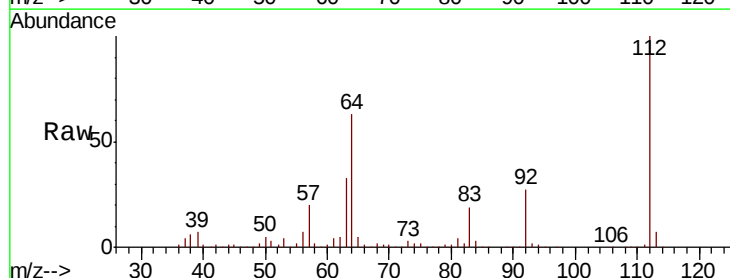
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



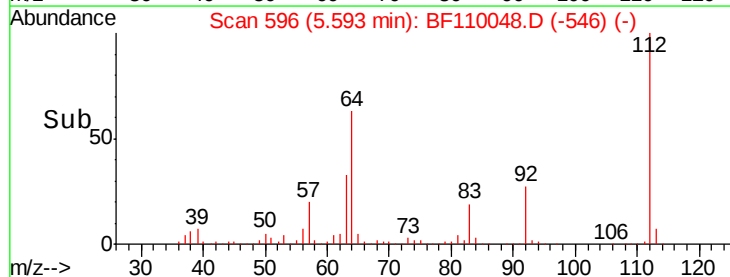
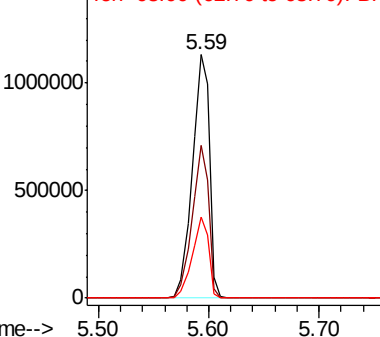
#5

2-Fluorophenol
Concen: 82.892 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:112 Resp: 1217163
Ion Ratio Lower Upper
112 100
64 62.6 44.1 66.1
63 33.2 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: 86.504 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

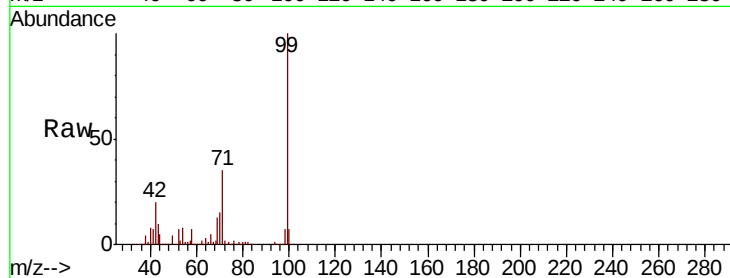
Tot Ion: 99 Resp: 1577263

Ion Ratio Lower Upper

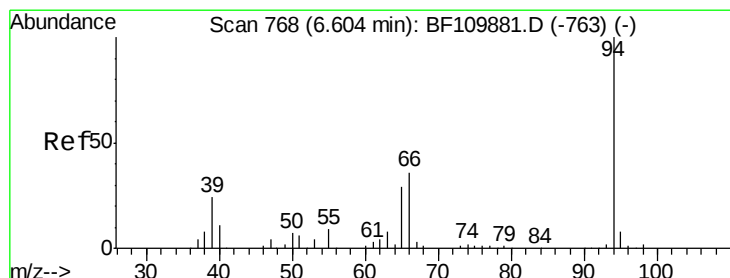
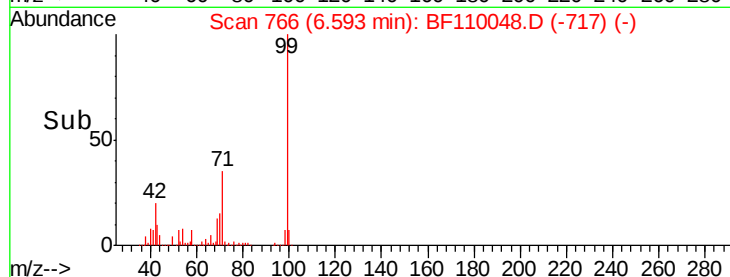
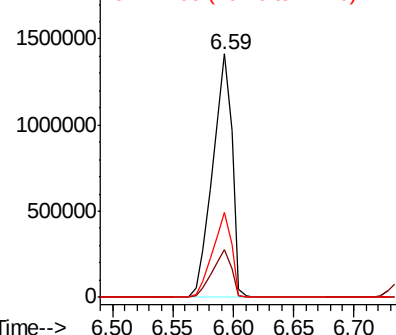
99 100

42 19.5 15.8 23.6

71 34.9 28.0 42.0



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: 6.926 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

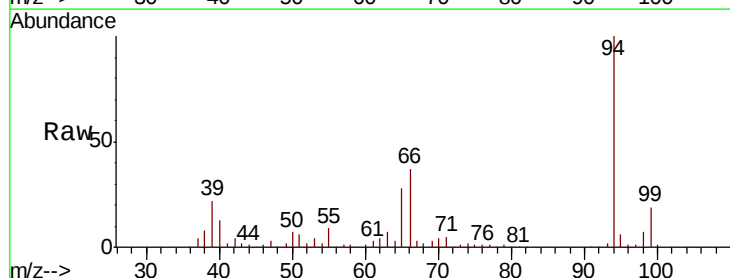
Tgt Ion: 94 Resp: 136349

Ion Ratio Lower Upper

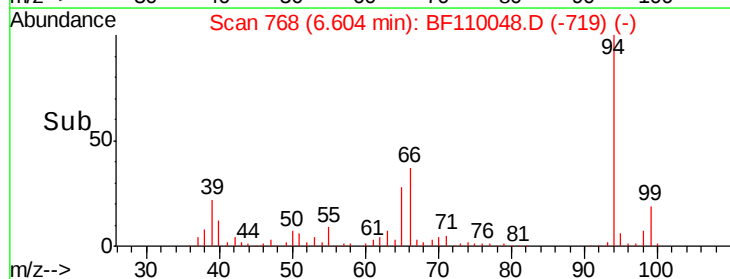
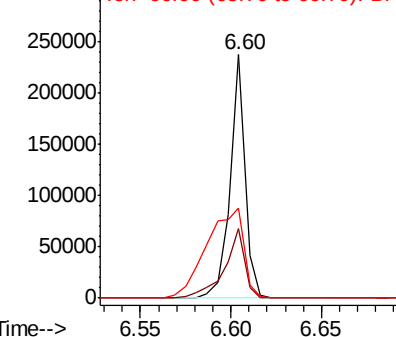
94 100

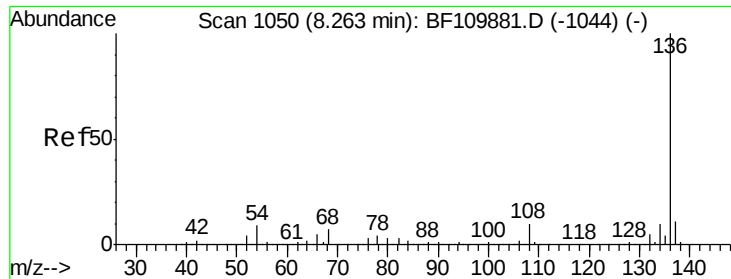
65 28.5 25.3 65.3

66 37.0 54.5 94.5#



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

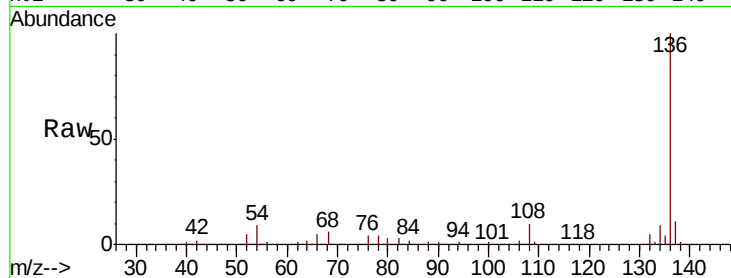




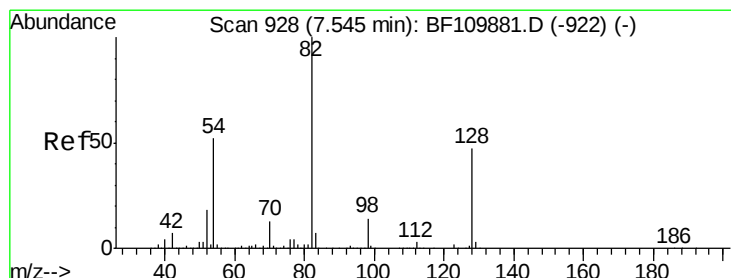
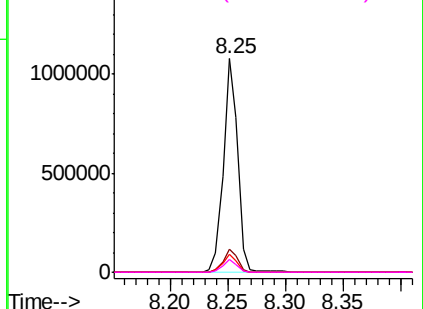
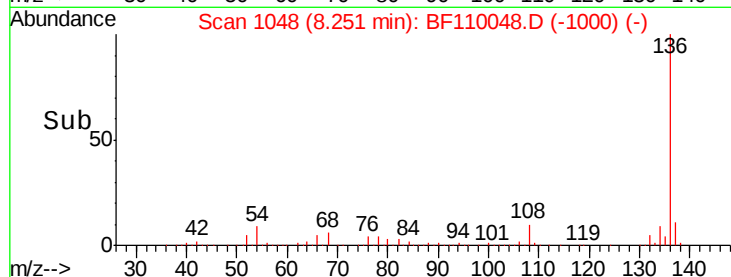
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:136	Resp:	927093	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 8.5	5.4	8.2#	
68 5.7	4.2	6.2	

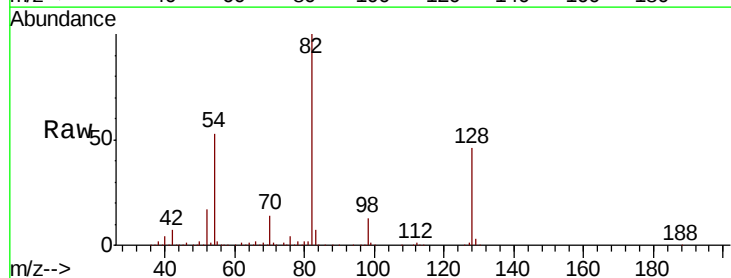


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

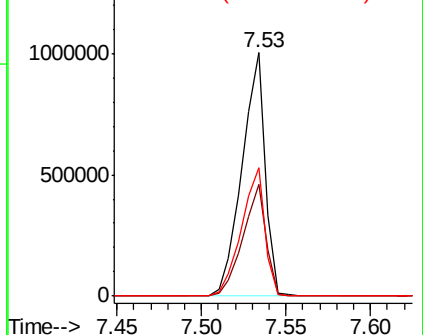
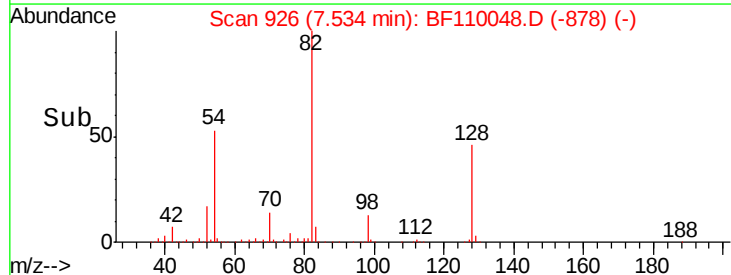


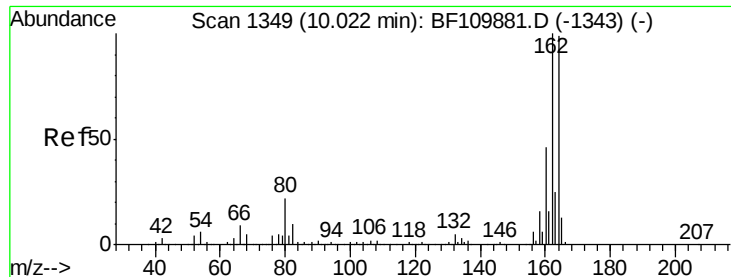
#23
Nitrobenzene-d5
Concen: 69.896 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion: 82	Resp: 961936
Ion Ratio	Lower Upper
82 100	
128 46.2	34.2 51.2
54 52.5	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

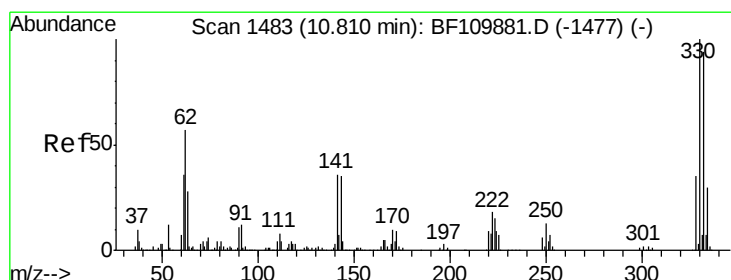
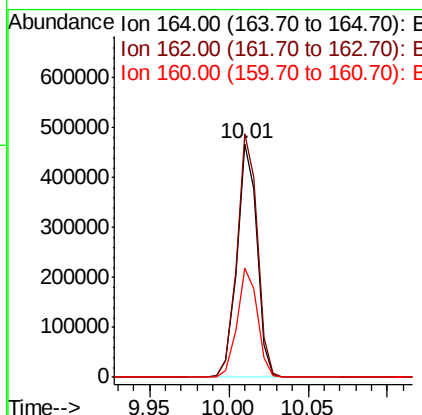
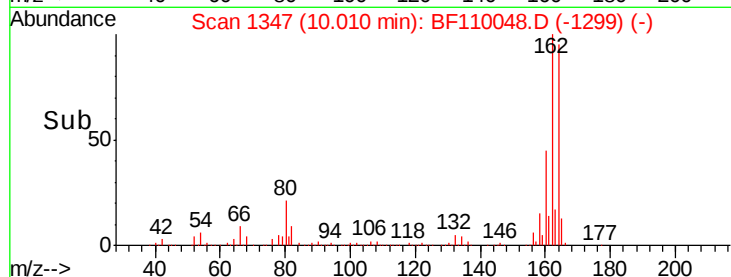
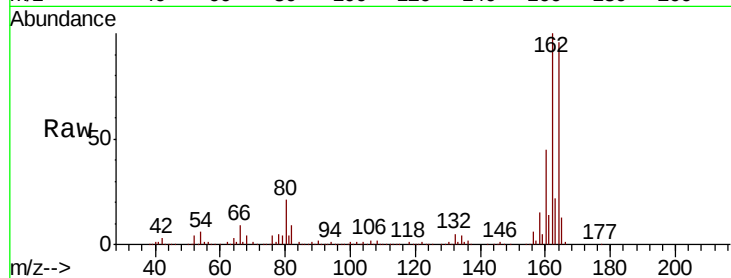




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

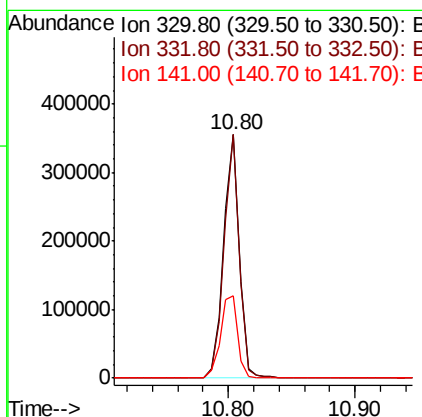
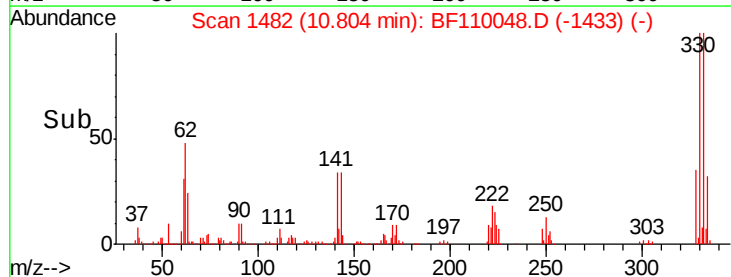
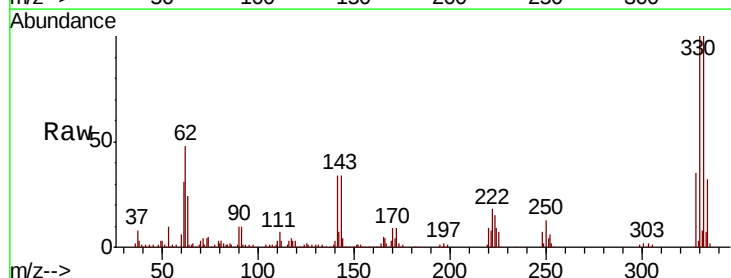
Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

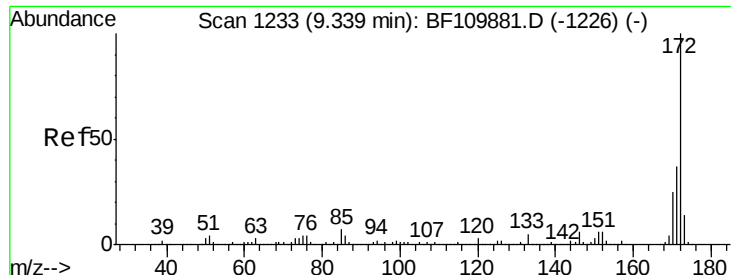
Tot Ion:164 Resp: 409540
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 46.9 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 87.193 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:330 Resp: 309158
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.5 27.0 40.4

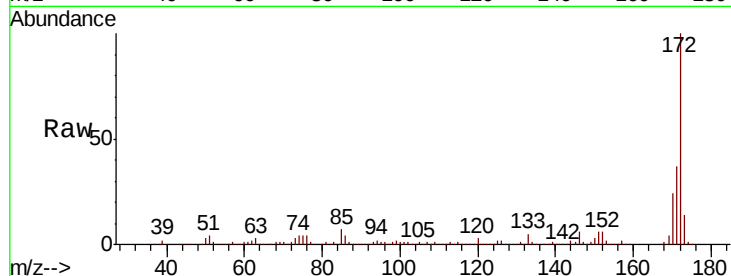




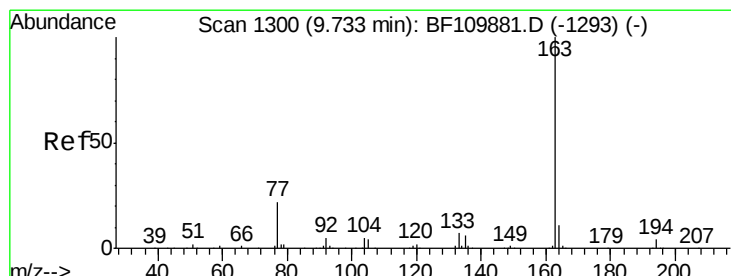
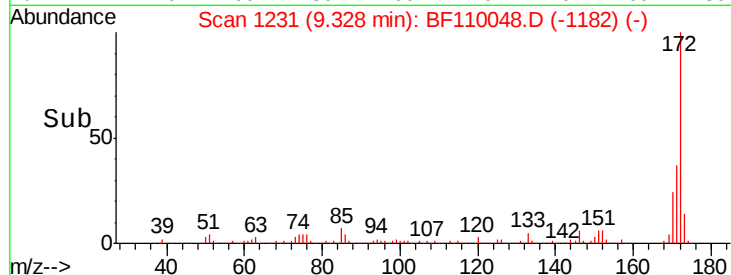
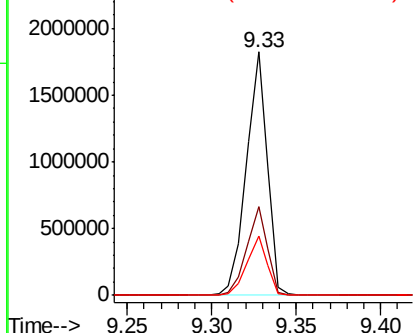
#45
2-Fluorobiphenyl
Concen: 61.807 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Instrument :
BNA_F
ClientSampleId :
LS-SOIL-1

Tot Ion:172 Resp: 1586345
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.3 19.7 29.5

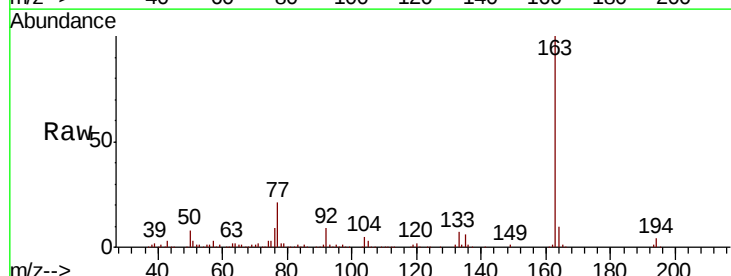


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

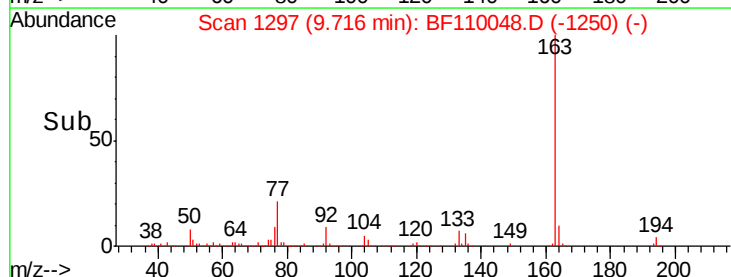
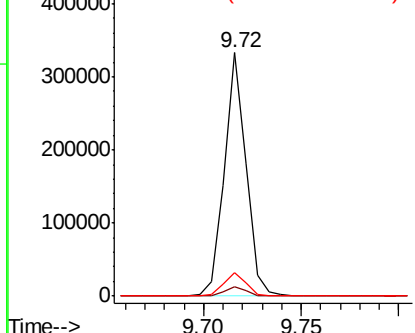


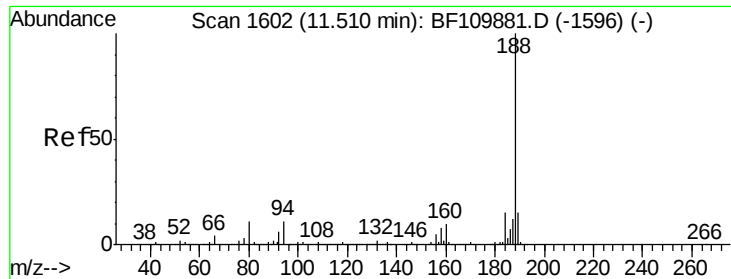
#50
Dimethylphthalate
Concen: 8.843 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:163 Resp: 256444
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.8 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

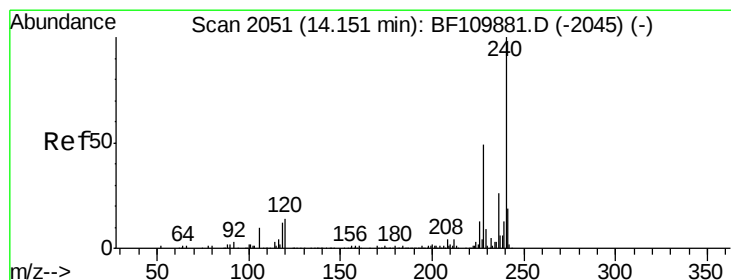
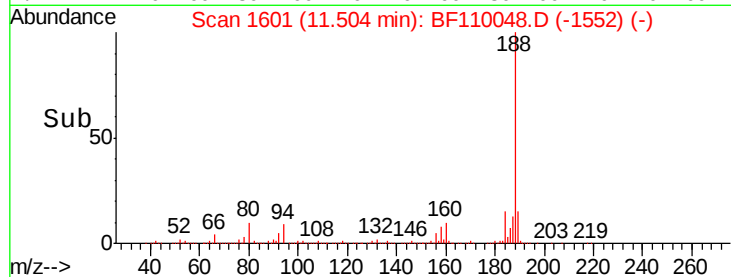
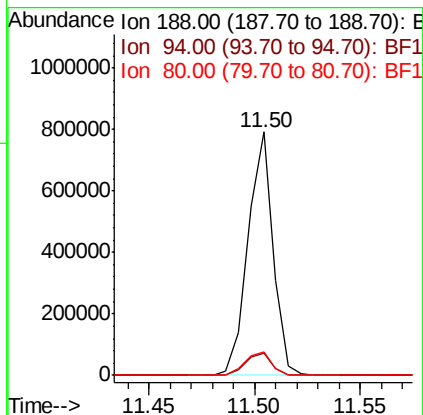
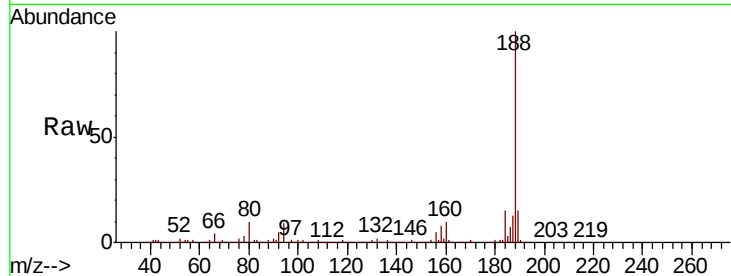




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

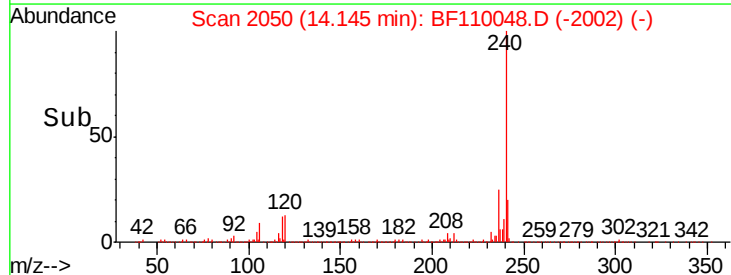
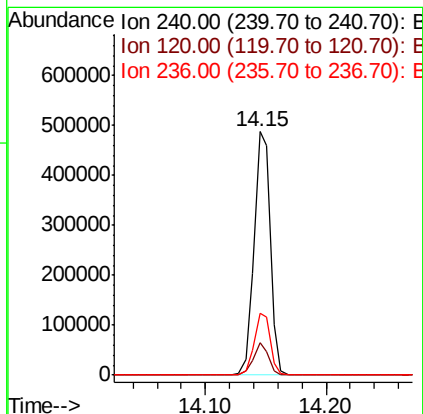
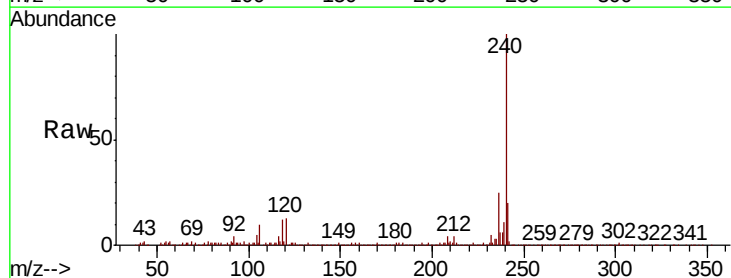
Instrument :
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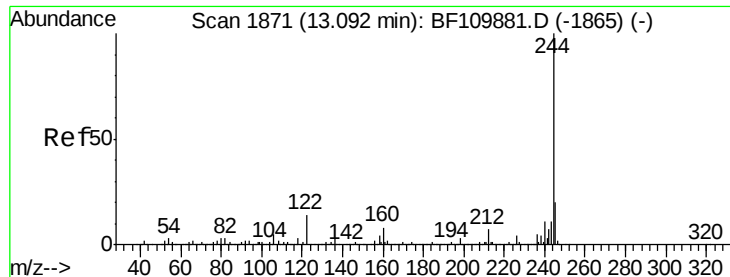
Tot Ion:188 Resp: 650800
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110048.D
Acq: 22 Oct 2018 14:57

Tgt Ion:240 Resp: 460677
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 25.4 21.2 31.8





#79

Terphenyl-d14

Concen: 54.134 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

Instrument :

BNA_F

ClientSampleId :

LS-SOIL-1

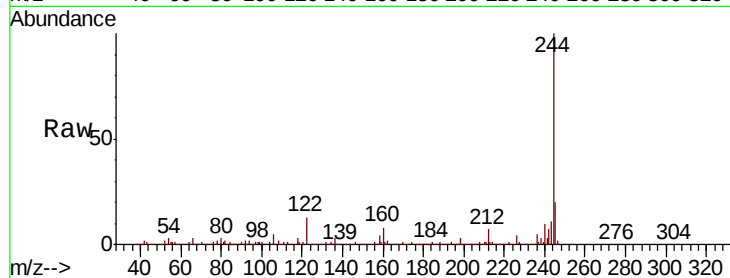
Tot Ion:244 Resp: 1187581

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

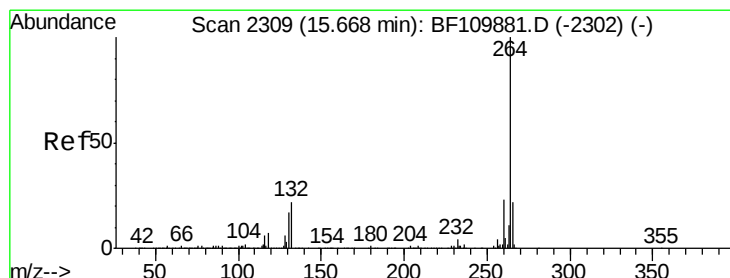
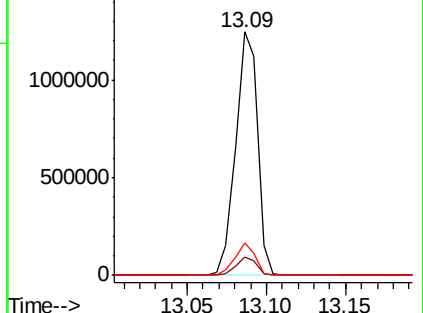
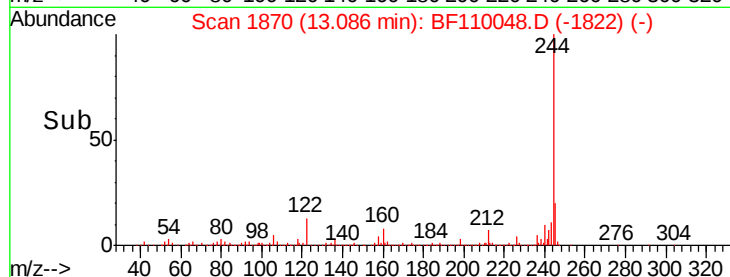
122 13.5 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110048.D

Acq: 22 Oct 2018 14:57

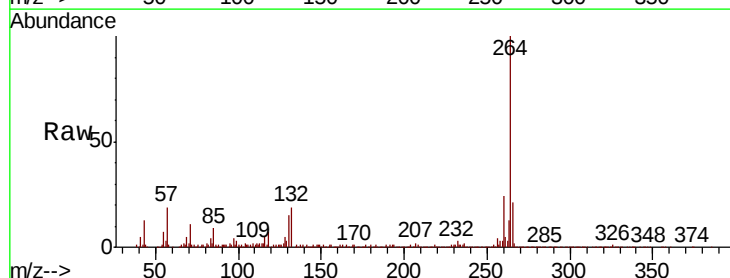
Tgt Ion:264 Resp: 377497

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 20.6 16.7 25.1



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

