

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111269.D
 Acq On : 11 Dec 2018 3:38
 Operator : JU/SJ
 Sample : J6269-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Quant Time: Dec 11 06:53:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

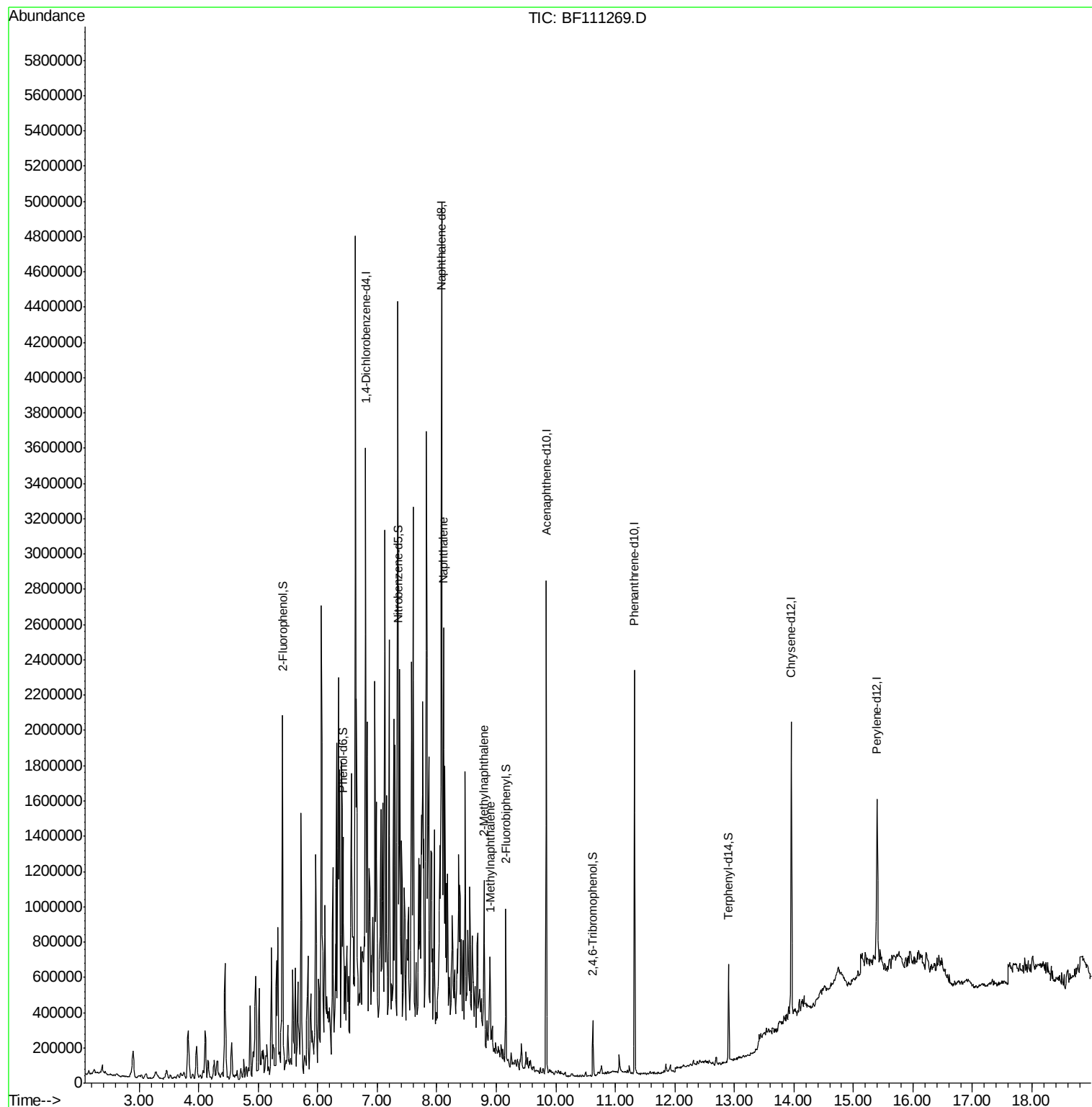
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	371748	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1316773	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	504055	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	735569	20.00	ng	0.00
76) Chrysene-d12	13.96	240	540876	20.00	ng	0.00
87) Perylene-d12	15.40	264	420367	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	232936	9.89	ng	0.00
7) Phenol-d6	6.43	99	311000	10.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	170068	7.24	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	28719	6.43	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	277439	4.04	ng	0.00
79) Terphenyl-d14	12.90	244	164214	7.28	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	276143	4.805	ng	Qvalue # 92
37) 2-Methylnaphthalene	8.80	142	224182	5.876	ng	99
38) 1-Methylnaphthalene	8.90	142	118796	3.179	ng	100

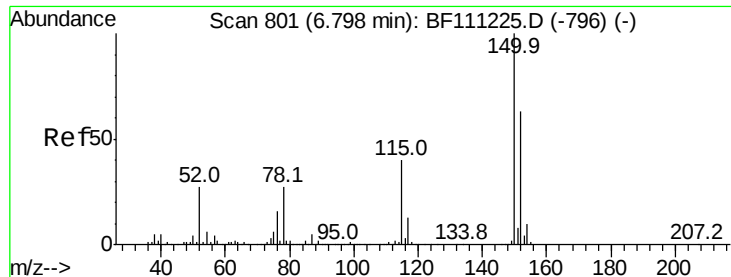
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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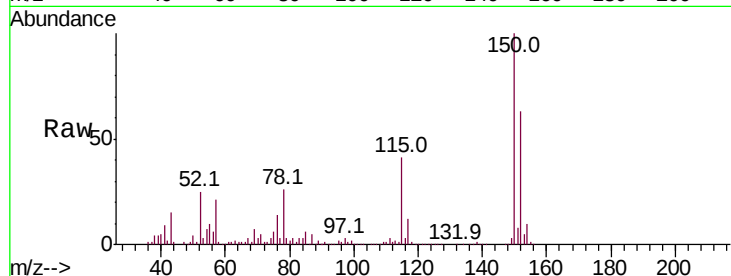


#1

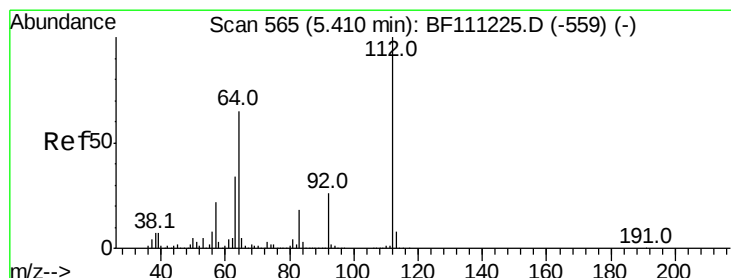
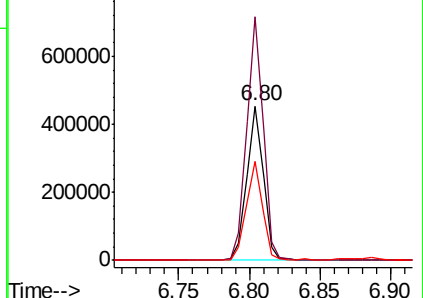
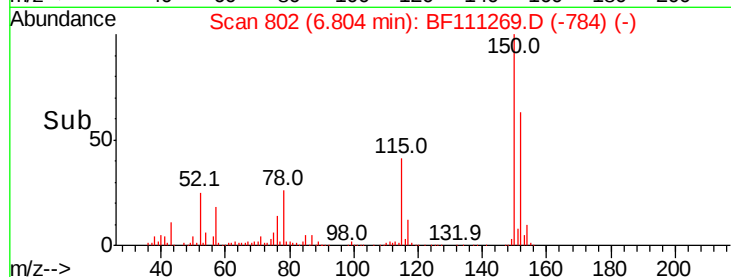
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF111269.D
 Acq: 11 Dec 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion:152 Resp: 371748
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.6 189.8
 115 64.0 50.7 76.1



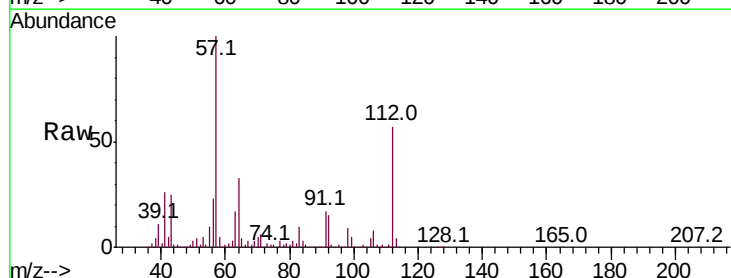
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



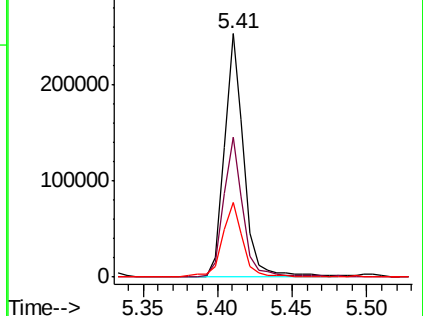
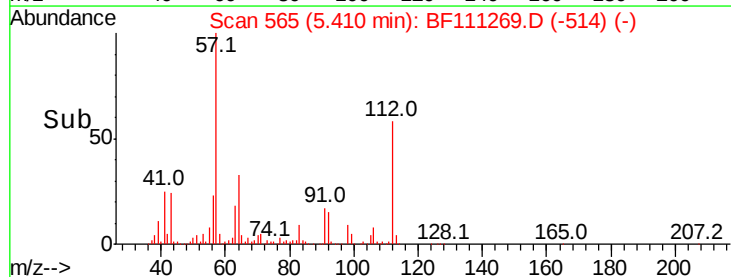
#5

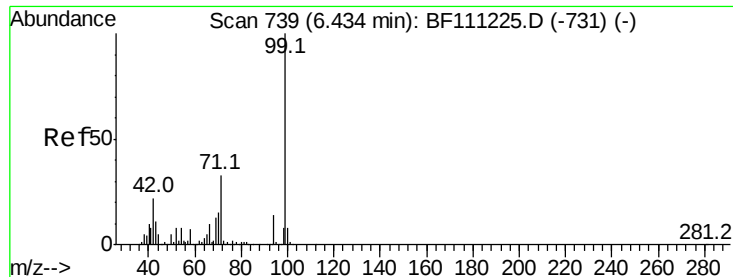
2-Fluorophenol
 Concen: 9.894 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111269.D
 Acq: 11 Dec 2018 3:38

Tgt Ion:112 Resp: 232936
 Ion Ratio Lower Upper
 112 100
 64 57.5 51.8 77.6
 63 30.5 26.8 40.2



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: 10.630 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

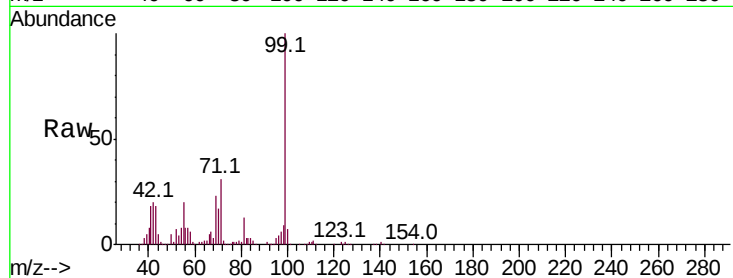
Tot Ion: 99 Resp: 311000

Ion Ratio Lower Upper

99 100

42 19.7 17.4 26.0

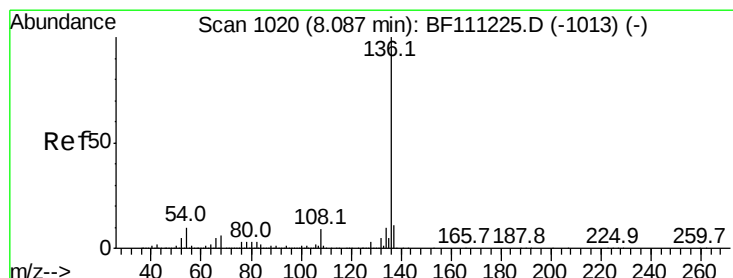
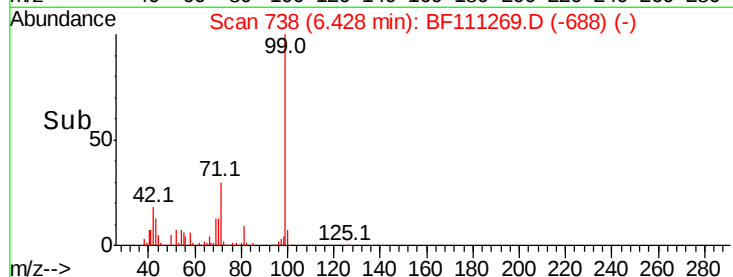
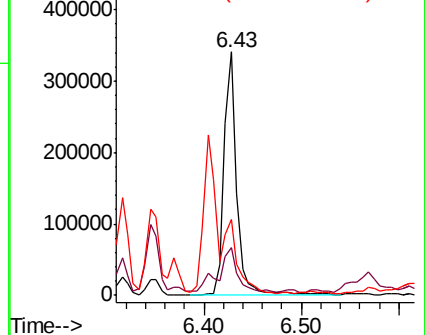
71 31.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

Tgt Ion: 136 Resp: 1316773

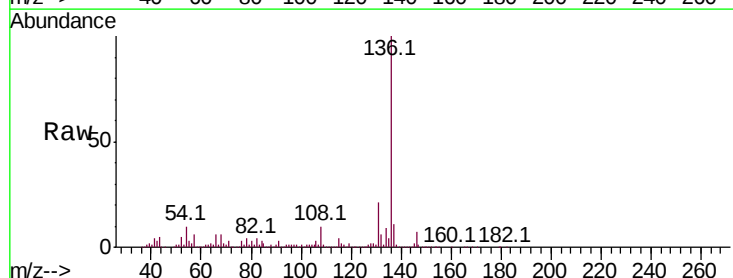
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.8 7.7 11.5

68 6.4 4.9 7.3

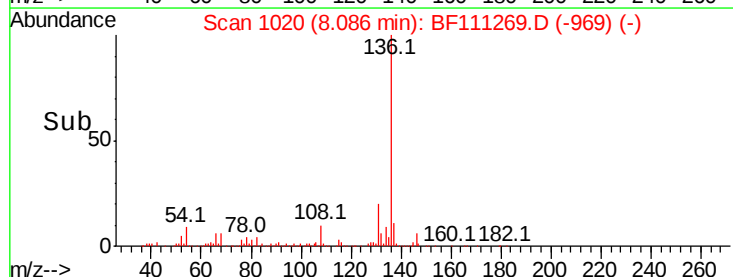
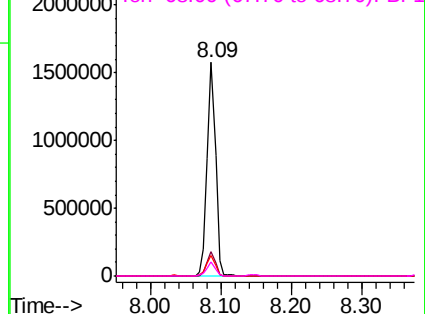


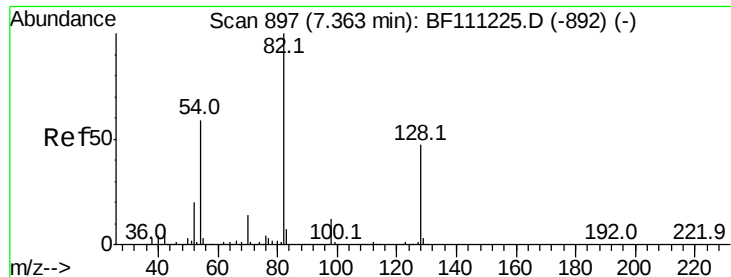
Abundance Ion 136.00 (135.70 to 136.70): E

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

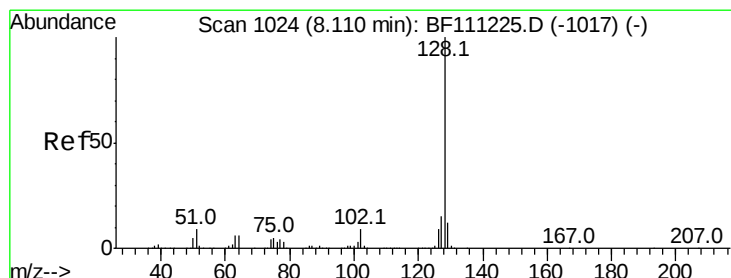
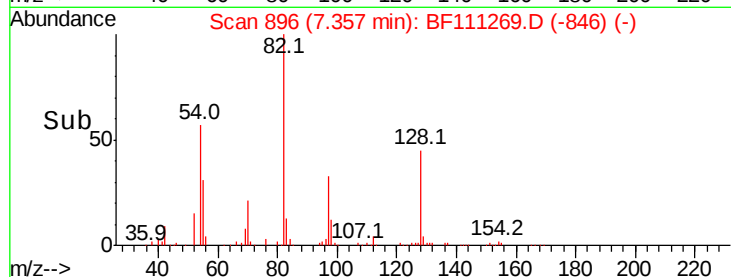
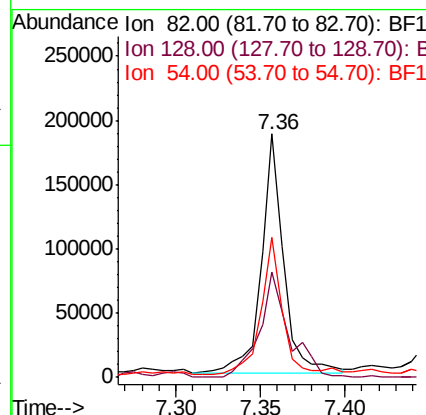
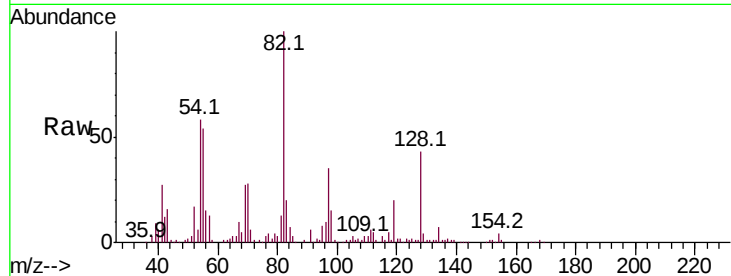




#23
Nitrobenzene-d5
Concen: 7.244 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

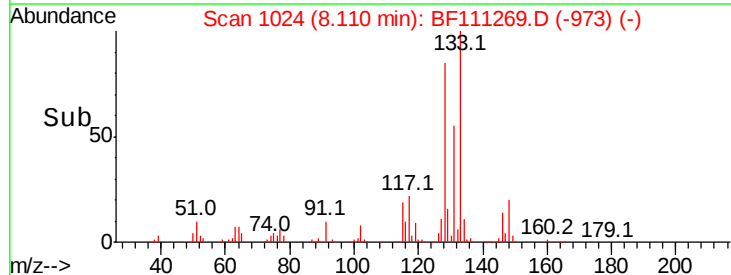
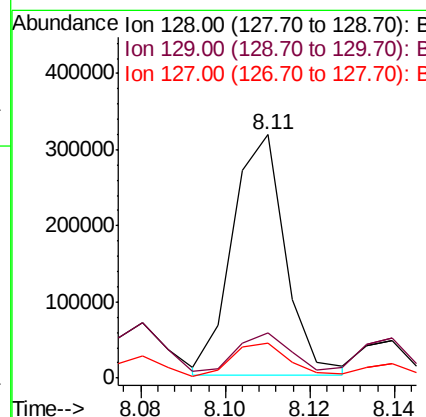
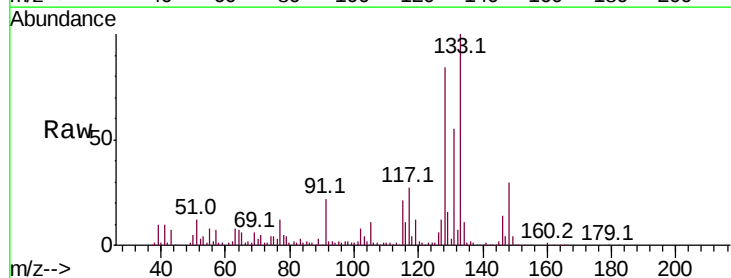
Instrument :
BNA_F
ClientSampled :
OILY-SOIL

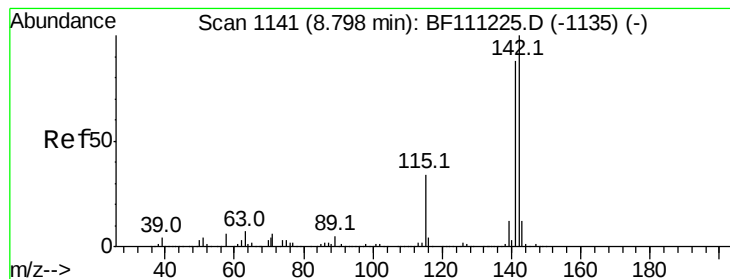
Tot Ion: 82 Resp: 170068
Ion Ratio Lower Upper
82 100
128 43.1 37.4 56.2
54 57.5 47.6 71.4



#31
Naphthalene
Concen: 4.805 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

Tgt Ion: 128 Resp: 276143
Ion Ratio Lower Upper
128 100
129 18.8 9.8 14.8#
127 14.5 12.0 18.0





#37

2-Methylnaphthalene

Concen: 5.876 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

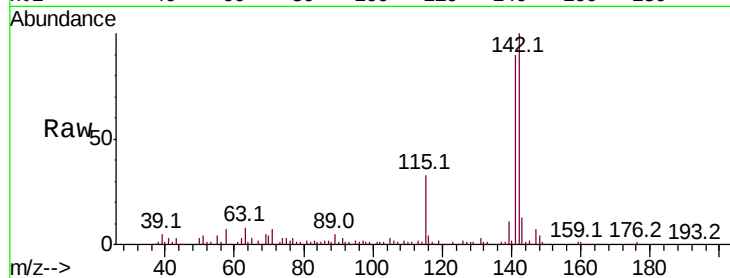
Tot Ion:142 Resp: 224182

Ion Ratio Lower Upper

142 100

141 89.6 70.6 105.8

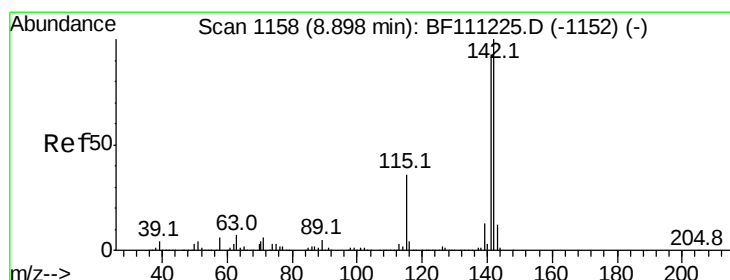
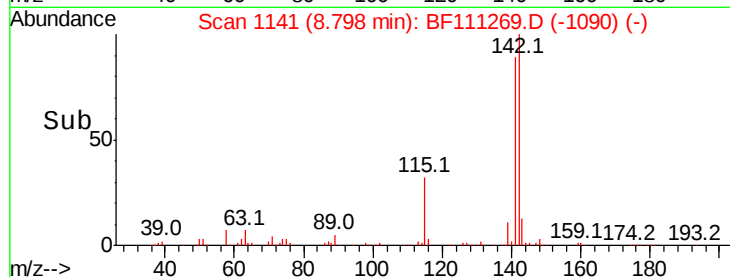
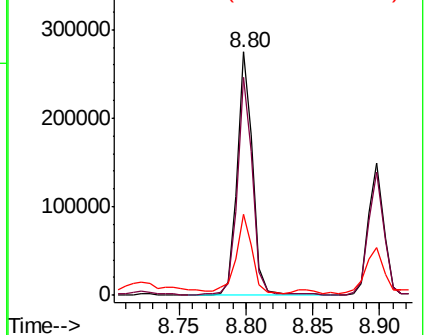
115 33.3 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.179 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

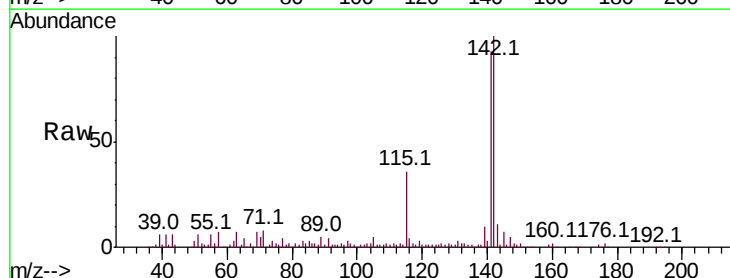
Tgt Ion:142 Resp: 118796

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4

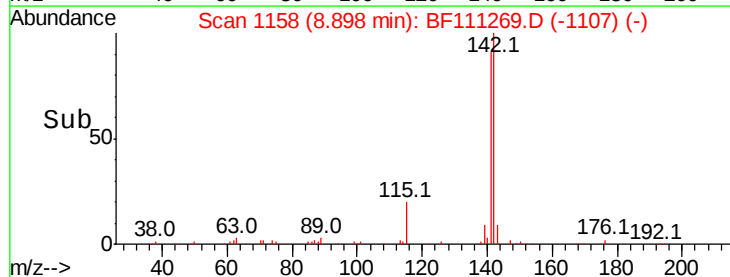
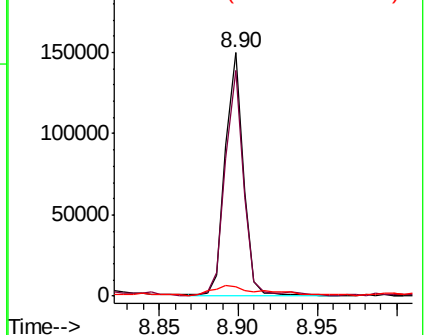
116 4.1 2.9 4.3

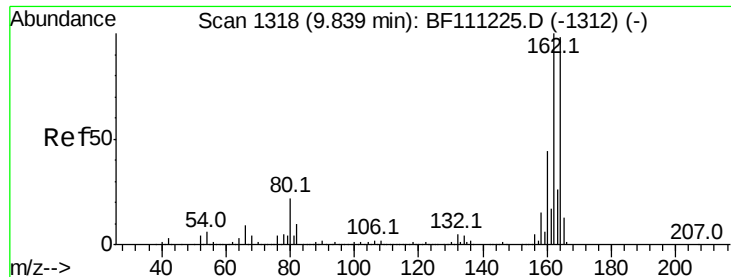


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

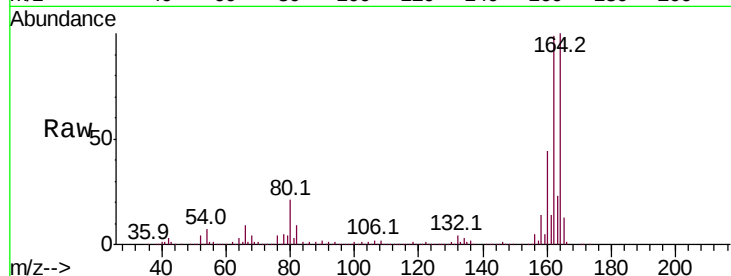




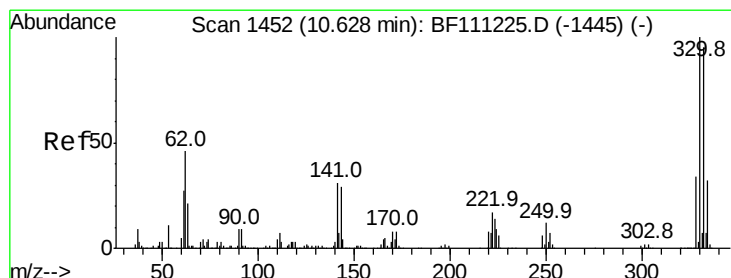
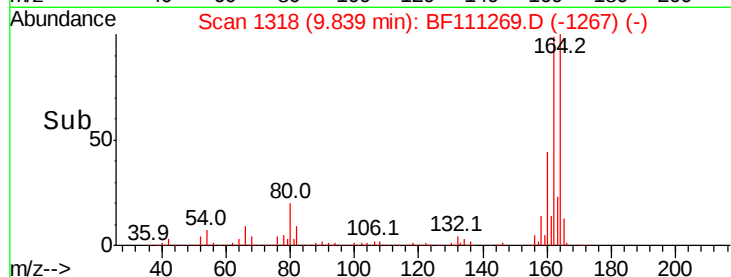
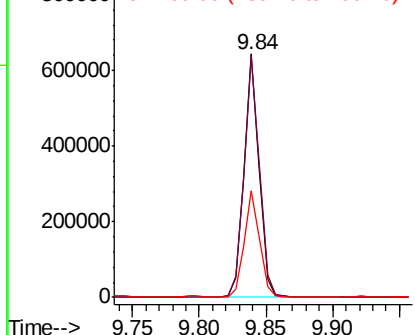
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion:164 Resp: 504055
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 43.6 35.7 53.5

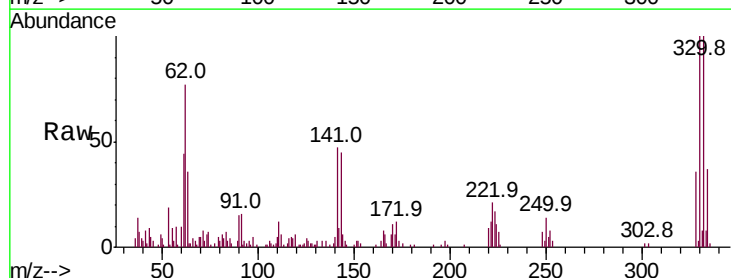


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

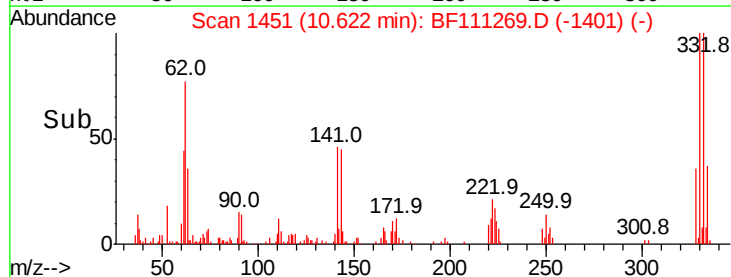
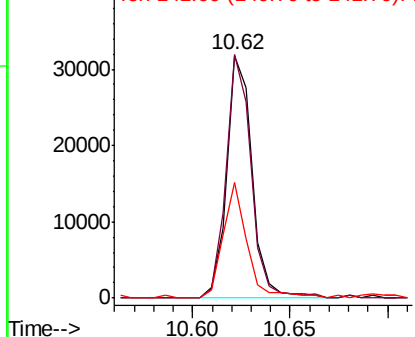


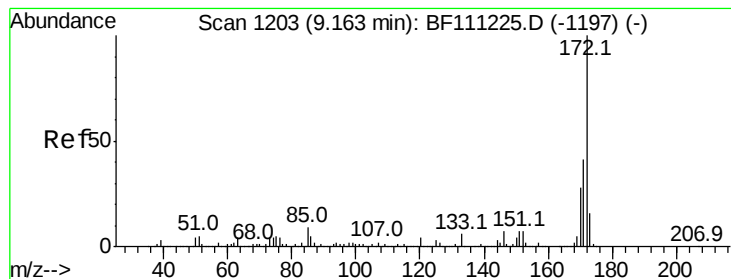
#42
2,4,6-Tribromophenol
Concen: 6.432 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

Tgt Ion:330 Resp: 28719
Ion Ratio Lower Upper
330 100
332 99.0 76.0 114.0
141 45.1 31.0 46.6



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: 4.041 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

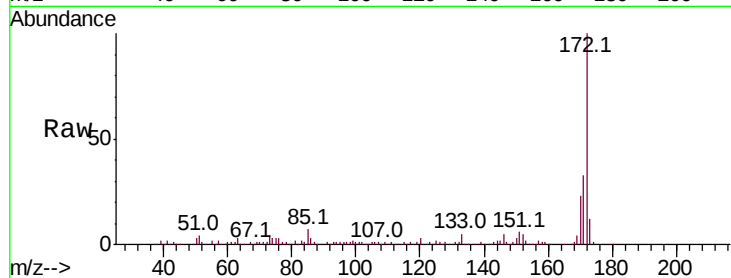
Tot Ion:172 Resp: 277439

Ion Ratio Lower Upper

172 100

171 33.0 33.0 49.4

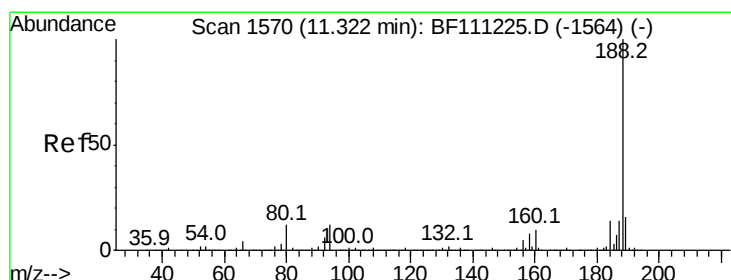
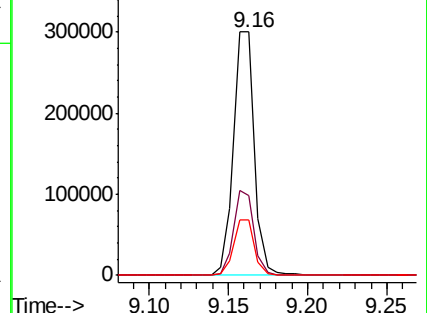
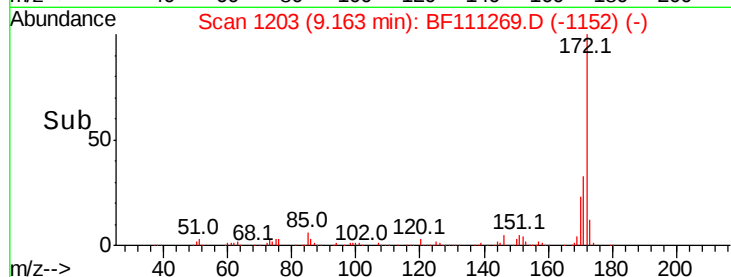
170 22.6 22.3 33.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111269.D

Acq: 11 Dec 2018 3:38

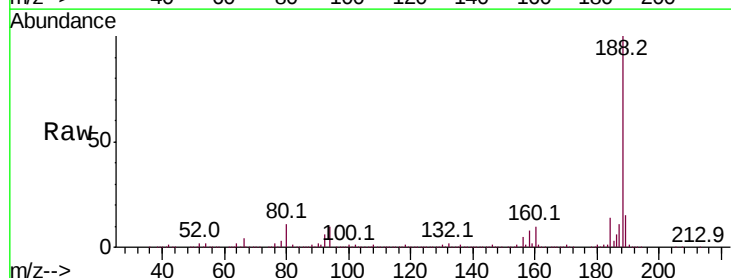
Tgt Ion:188 Resp: 735569

Ion Ratio Lower Upper

188 100

94 10.5 9.6 14.4

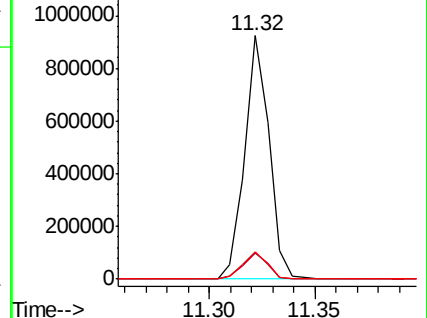
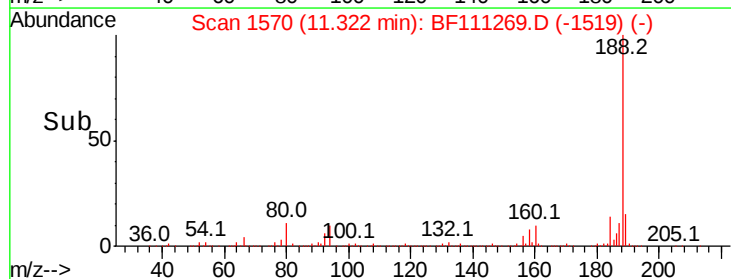
80 11.1 9.8 14.6

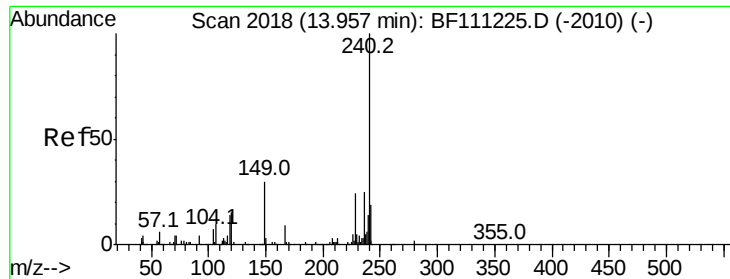


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

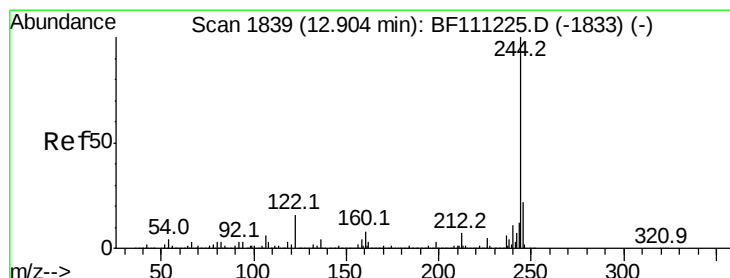
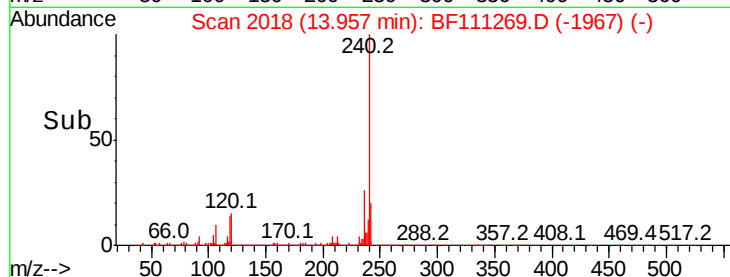
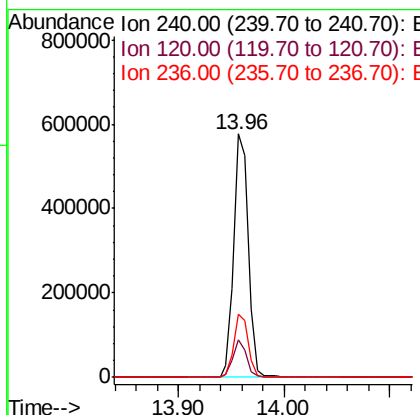
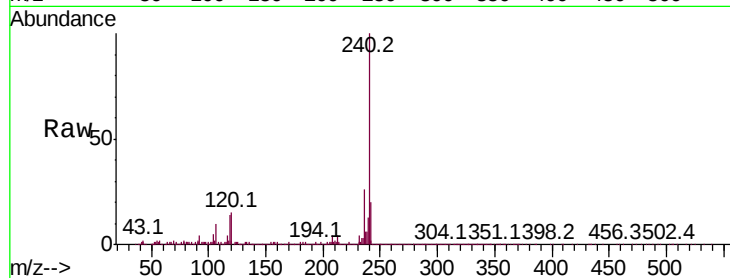




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

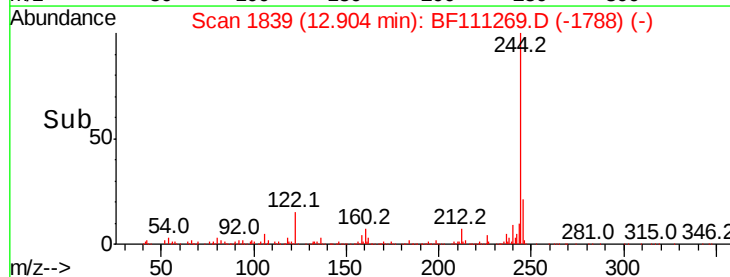
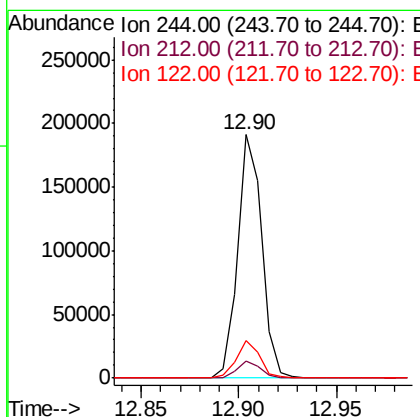
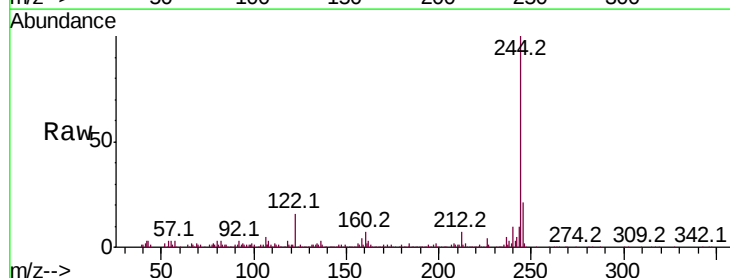
Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

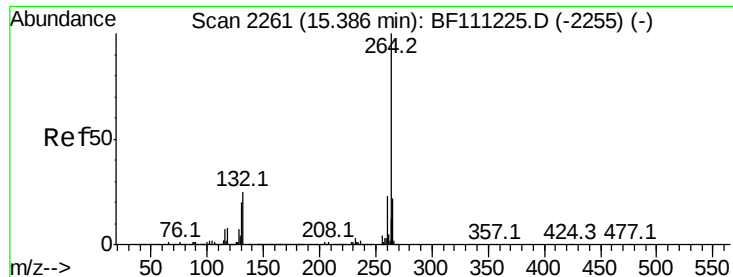
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.2	18.2
236	25.9	20.2	30.2



#79
Terphenyl-d14
Concen: 7.282 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF111269.D
Acq: 11 Dec 2018 3:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	15.5	13.1	19.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF111269.D
 Acq: 11 Dec 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion:264 Resp: 420367
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 23.3 17.7 26.5

