

Data File : BF111498.D
Acq On : 16 Dec 2018 6:31
Operator : JU/SJ
Sample : J6372-03
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

Quant Time: Dec 17 01:00:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132495	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472810	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	176829	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	315132	20.00	ng	0.00
76) Chrysene-d12	13.94	240	316756	20.00	ng	0.00
87) Perylene-d12	15.39	264	205783	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	920438	115.60	ng	0.01
7) Phenol-d6	6.43	99	956752	90.34	ng	0.00
23) Nitrobenzene-d5	7.35	82	730687	92.03	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	208270	131.48	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1194678	104.36	ng	0.00
79) Terphenyl-d14	12.90	244	1282404	95.07	ng	0.00

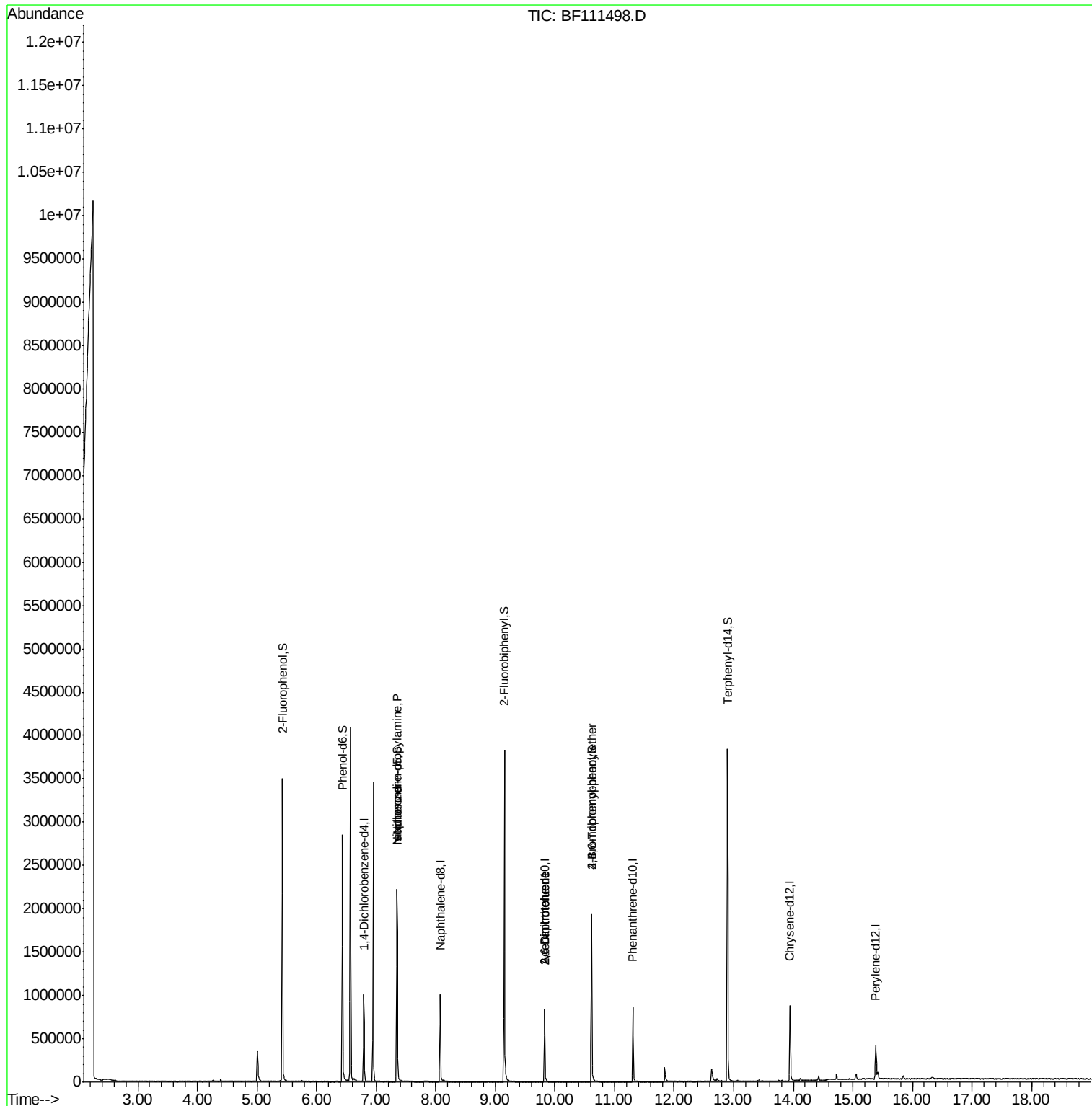
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.35	70	96815	13.856	ng	# 79
25) Isophorone	7.35	82	730676	54.388	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	22607	7.887	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	22607	6.009	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	13935	4.103	ng	# 1

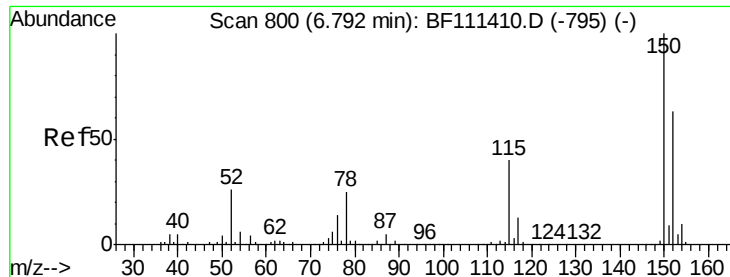
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111498.D

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Instrument :

BNA_F

ClientSampleId :

FP-SOIL-1

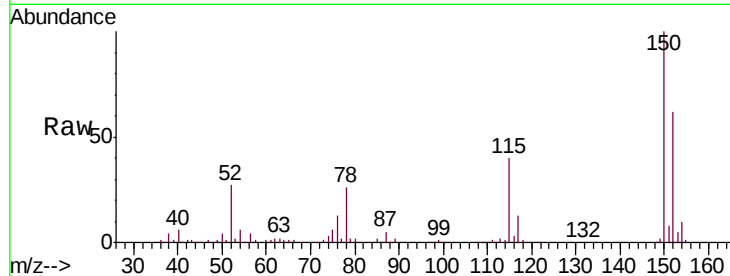
Tgt Ion:152 Resp: 132495

Ion Ratio Lower Upper

152 100

150 161.0 126.6 189.8

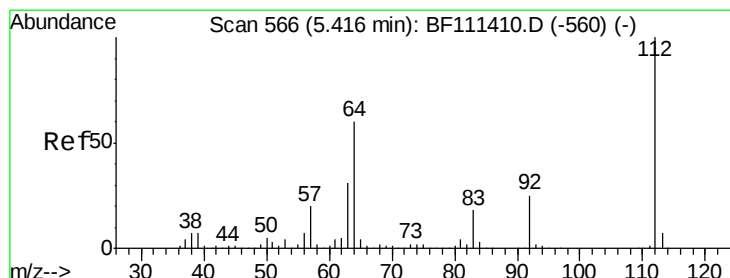
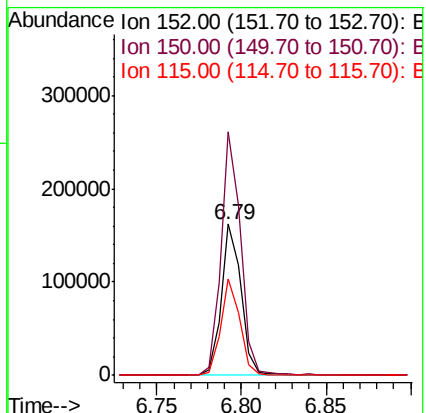
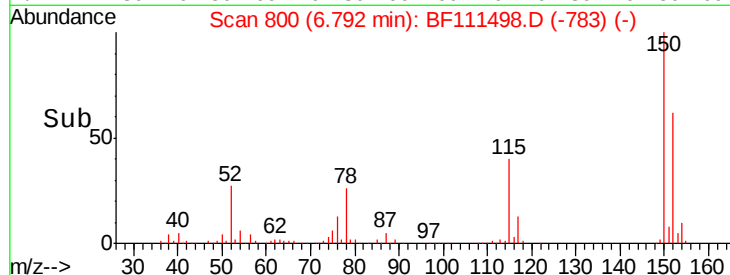
115 64.2 50.7 76.1



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: 115.602 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF111498.D

Acq: 16 Dec 2018 6:31

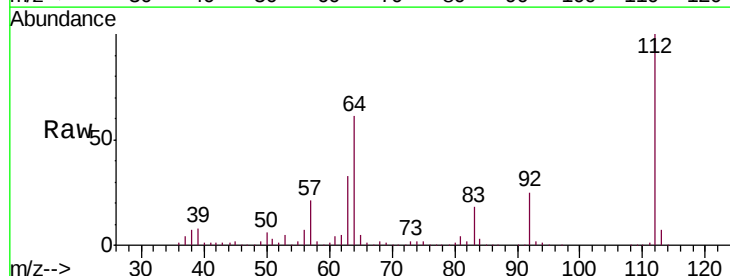
Tgt Ion:112 Resp: 920438

Ion Ratio Lower Upper

112 100

64 60.8 51.8 77.6

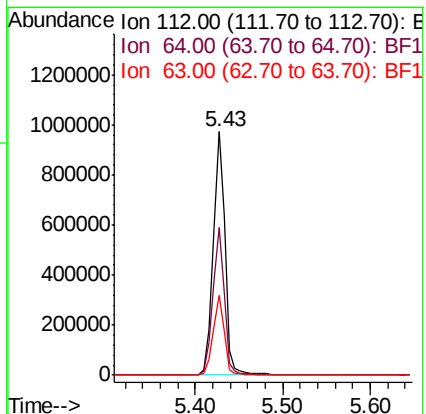
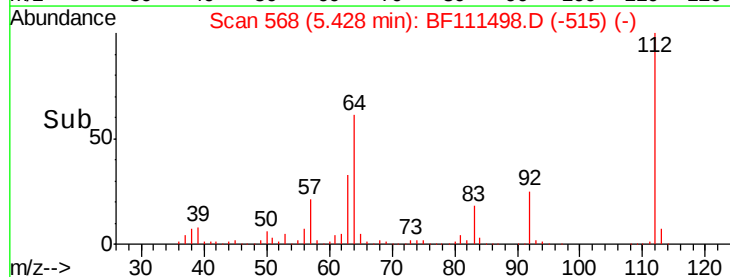
63 32.6 26.8 40.2

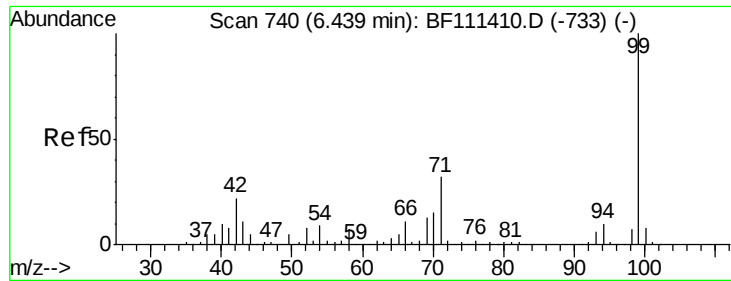


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.336 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111498.D

Acq: 16 Dec 2018 6:31

Instrument :

BNA_F

ClientSampleId :

FP-SOIL-1

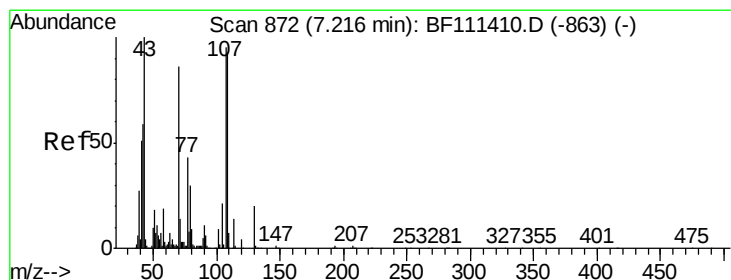
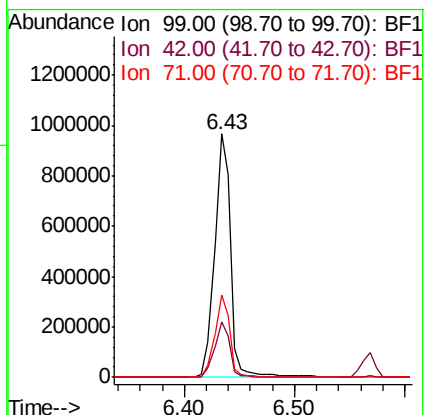
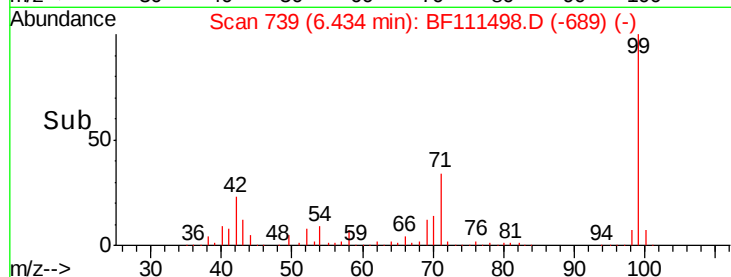
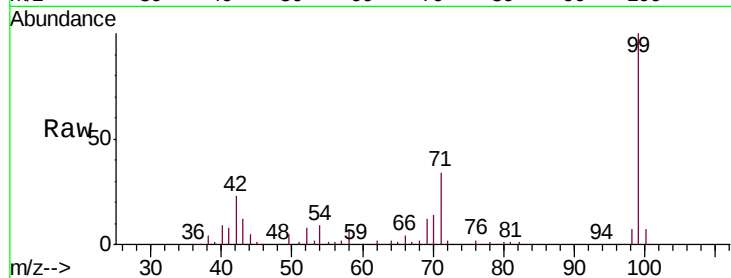
Tgt Ion: 99 Resp: 956752

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

71 34.0 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.856 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.14 min

Lab File: BF111498.D

Acq: 16 Dec 2018 6:31

Tgt Ion: 70 Resp: 96815

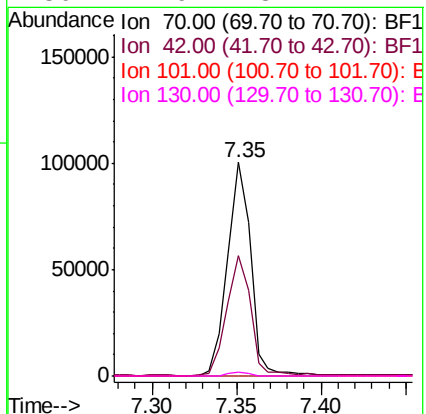
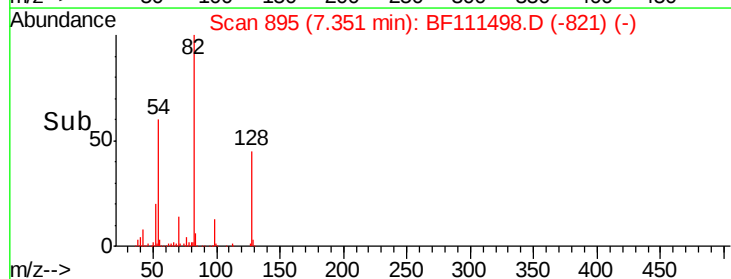
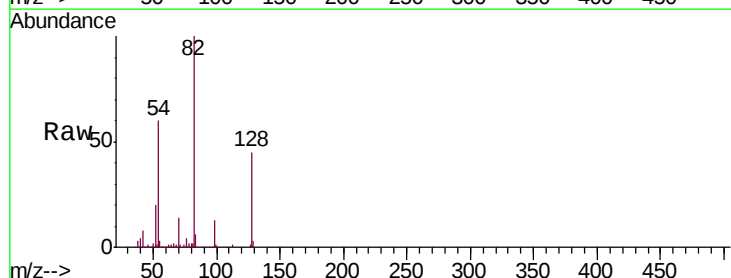
Ion Ratio Lower Upper

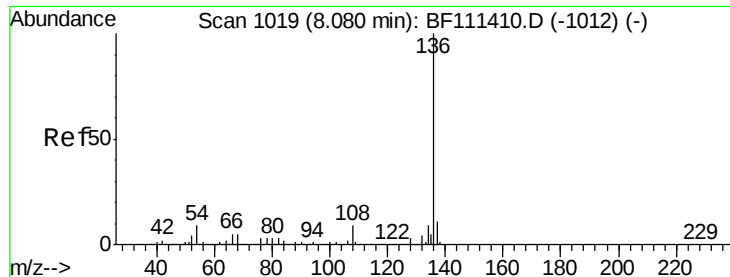
70 100

42 56.5 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#

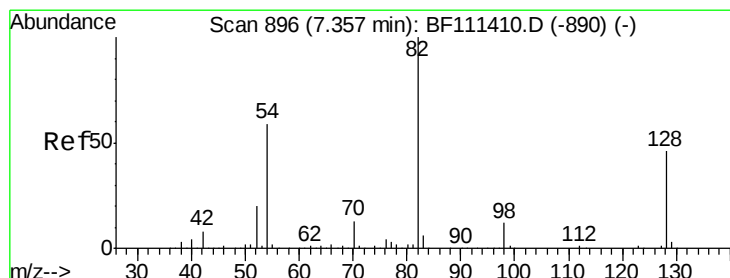
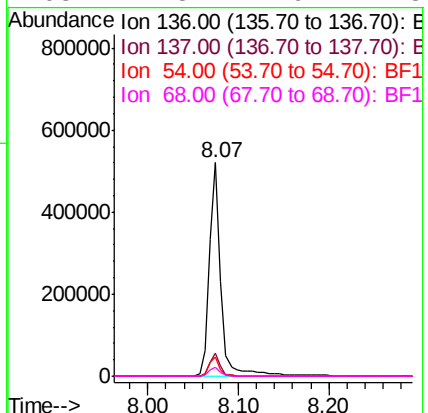
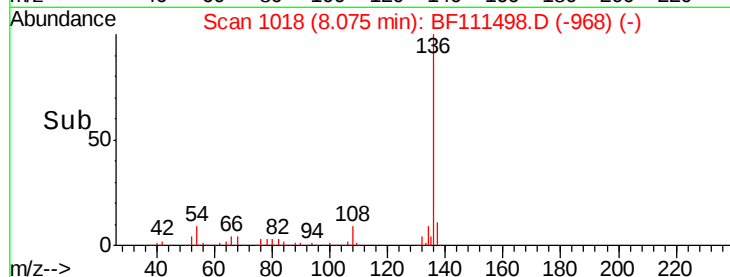
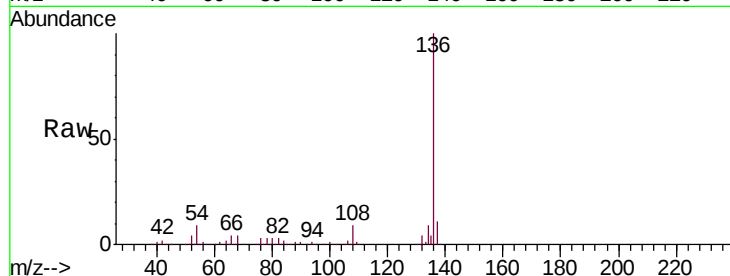




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

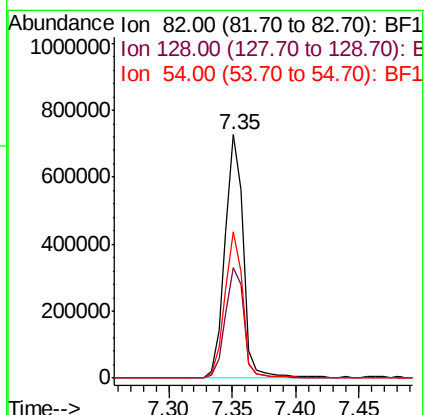
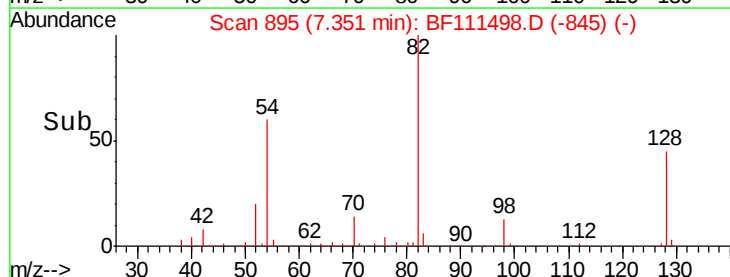
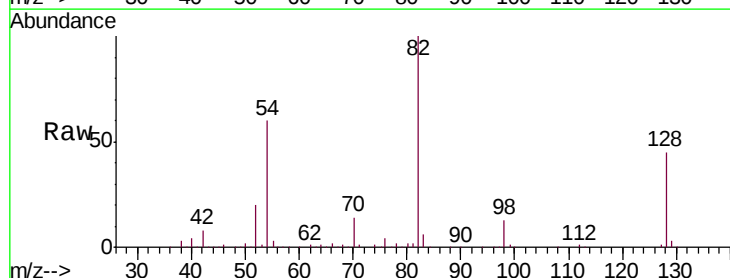
Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

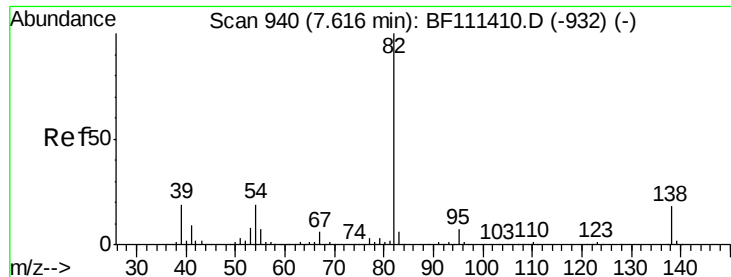
Tgt Ion:	136	Resp:	472810
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.8	7.7	11.5
68	4.3	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 92.027 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Tgt Ion:	82	Resp:	730687
Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.4	56.2
54	60.3	47.6	71.4

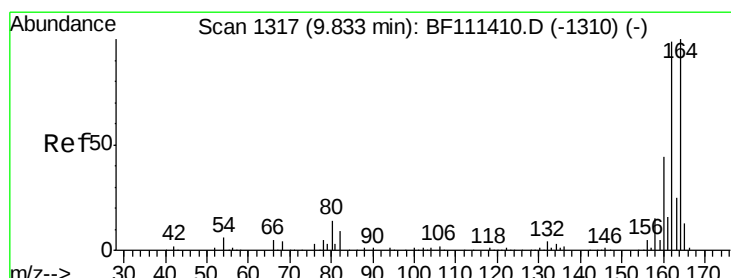
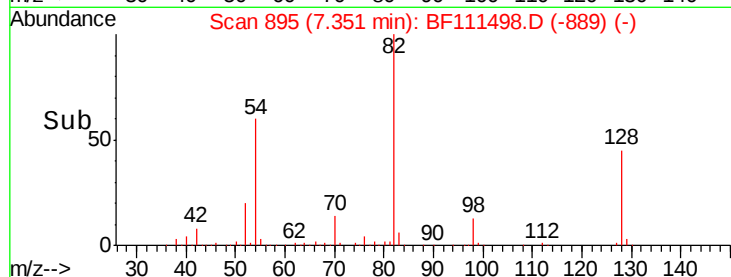
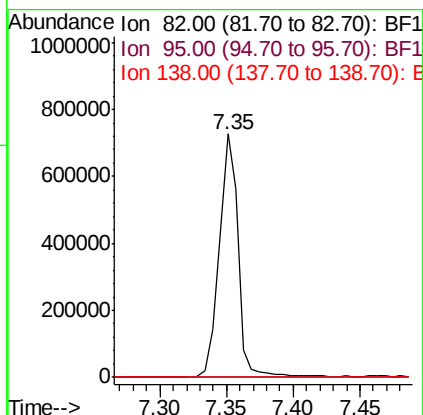
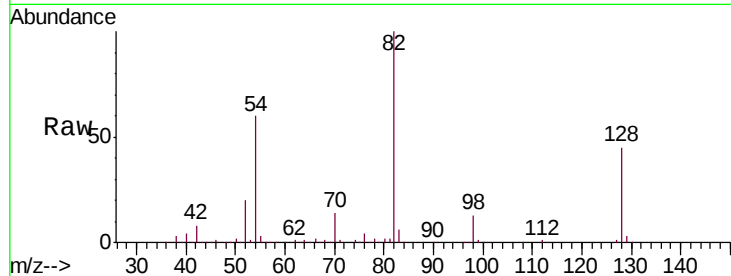




#25
Isophorone
Concen: 54.388 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

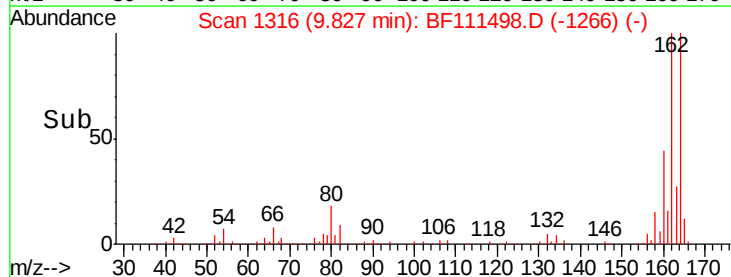
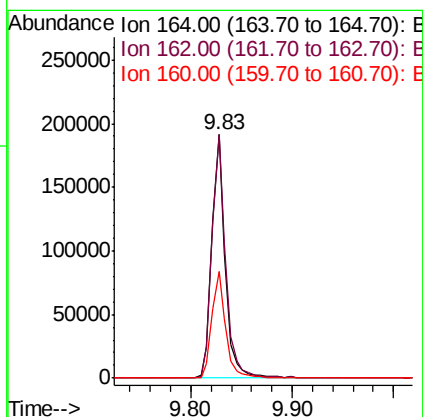
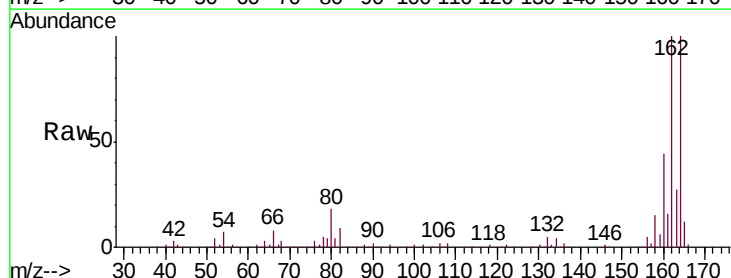
Instrument :
BNA_F
ClientSampled :
FP-SOIL-1

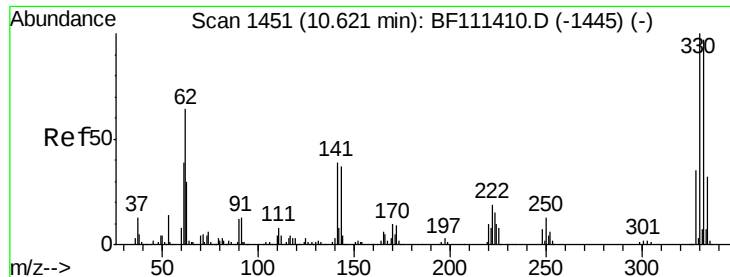
Tgt Ion: 82 Resp: 730676
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Tgt Ion: 164 Resp: 176829
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.7 35.7 53.5

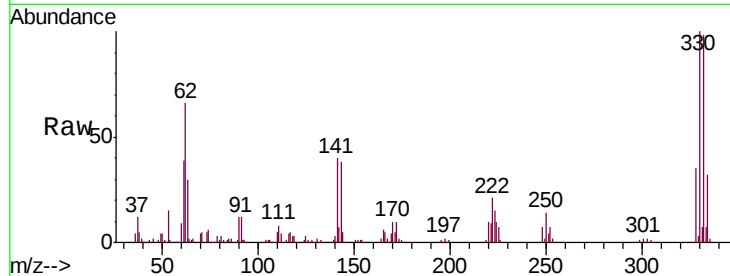




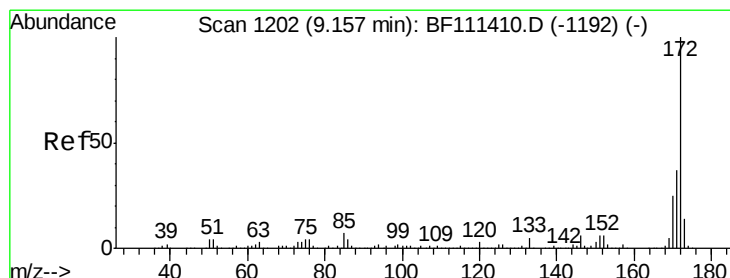
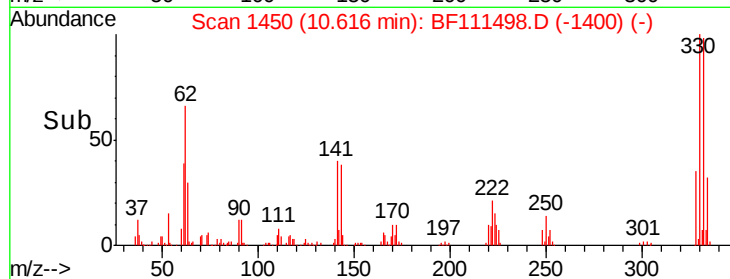
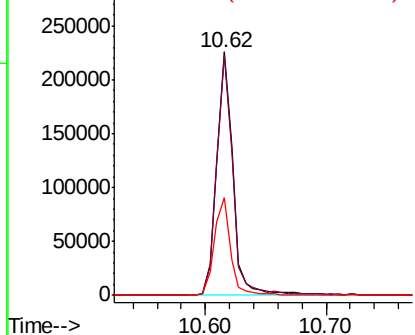
#42
 2,4,6-Tribromophenol
 Concen: 131.483 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 FP-SOIL-1

Tgt Ion:330 Resp: 208270
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.0 114.0
 141 39.9 31.0 46.6

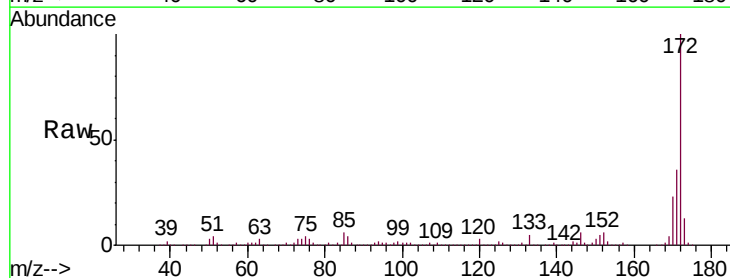


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

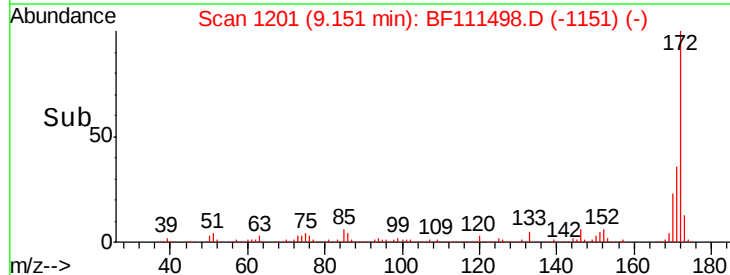
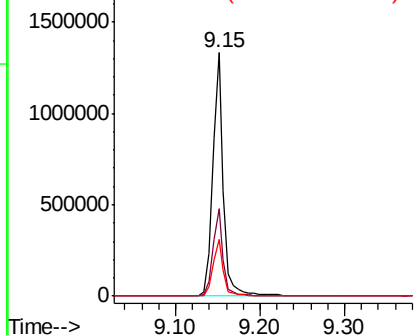


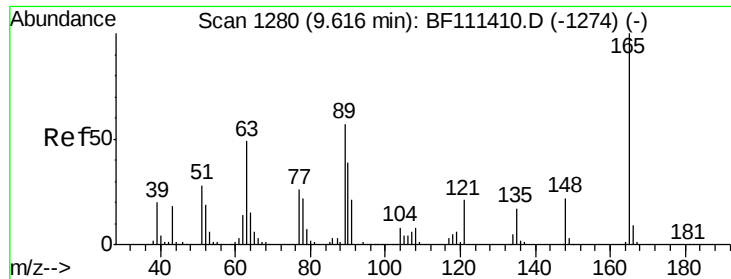
#45
 2-Fluorobiphenyl
 Concen: 104.358 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Tgt Ion:172 Resp: 1194678
 Ion Ratio Lower Upper
 172 100
 171 35.7 33.0 49.4
 170 23.4 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

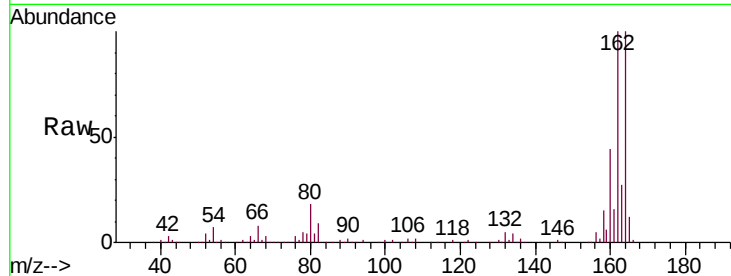




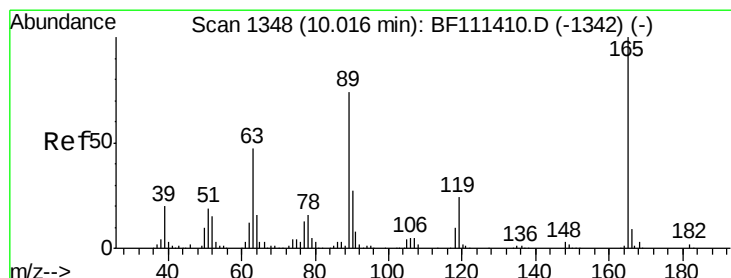
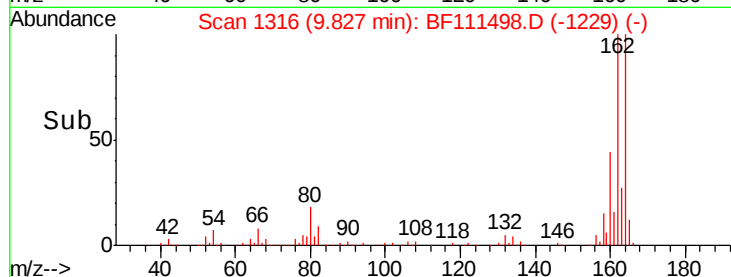
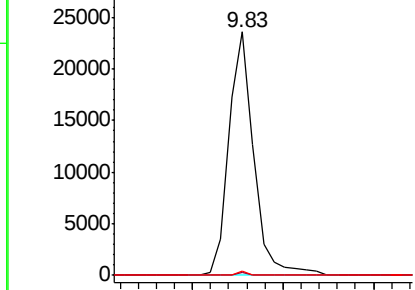
#51
 2,6-Dinitrotoluene
 Concen: 7.887 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 FP-SOIL-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.5	40.0	60.0#



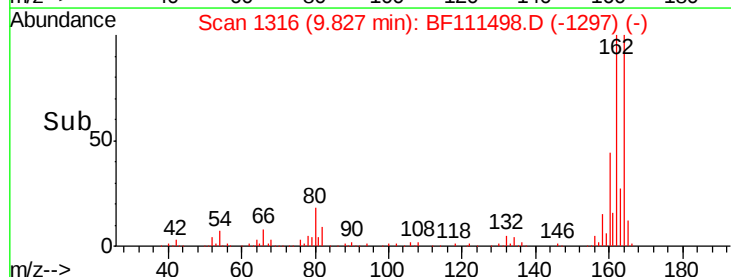
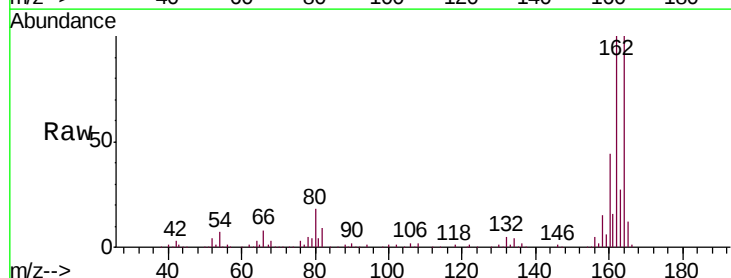
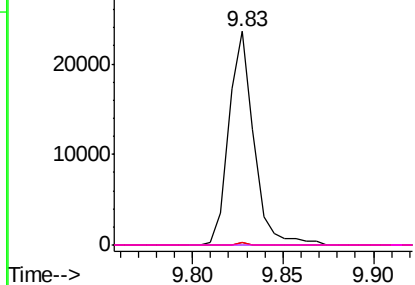
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

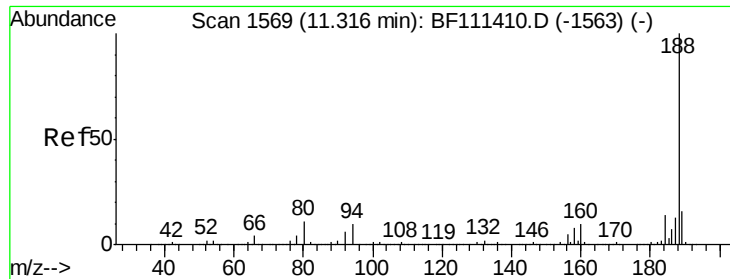


#57
 2,4-Dinitrotoluene
 Concen: 6.009 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

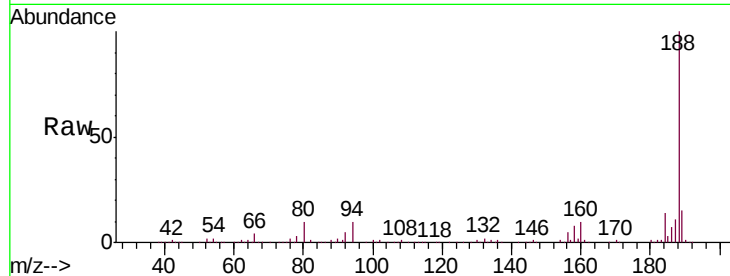




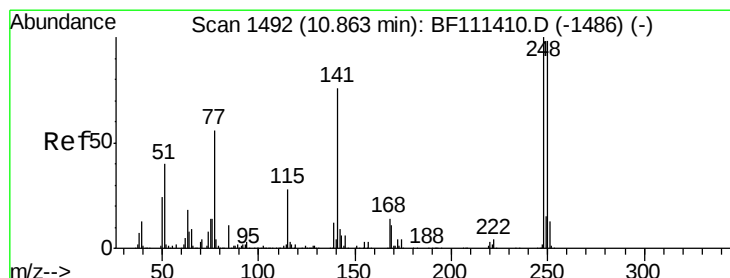
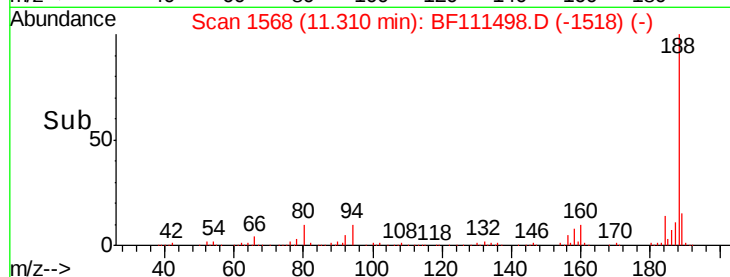
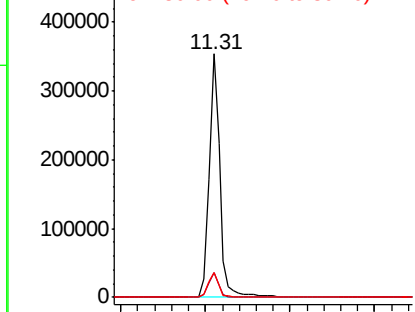
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

Tgt Ion:188 Resp: 315132
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 9.9 9.8 14.6

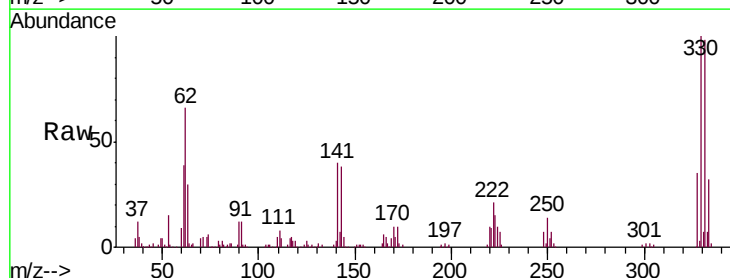


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

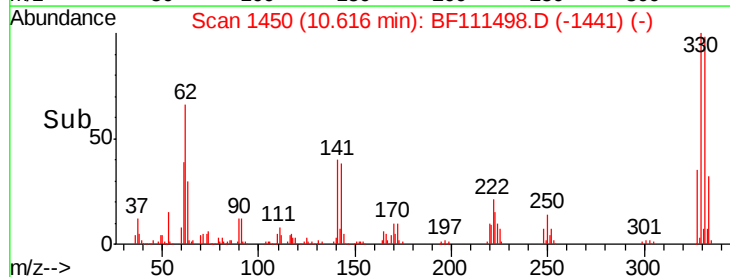
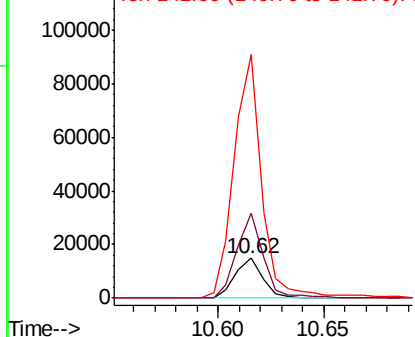


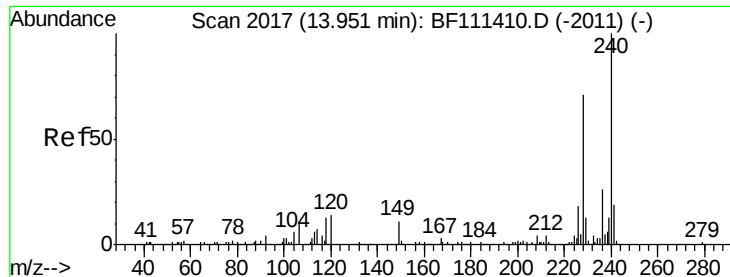
#67
4-Bromophenyl-phenylether
Concen: 4.103 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Tgt Ion:248 Resp: 13935
Ion Ratio Lower Upper
248 100
250 211.9 77.0 115.4#
141 608.3 63.0 94.6#



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

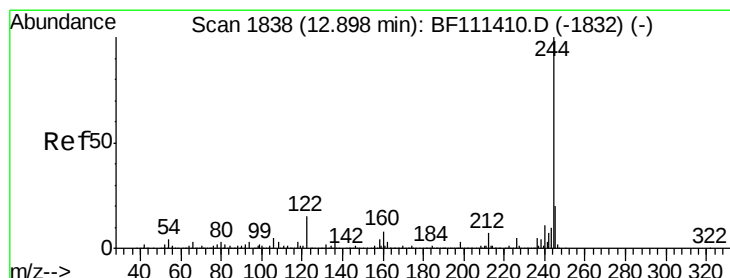
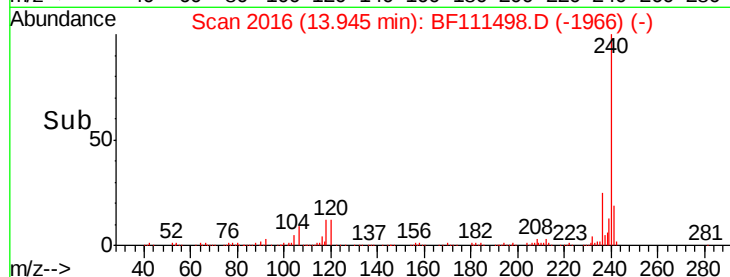
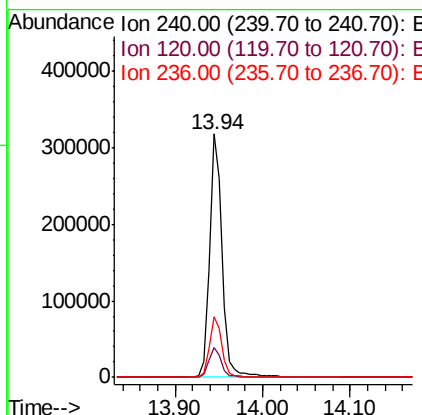
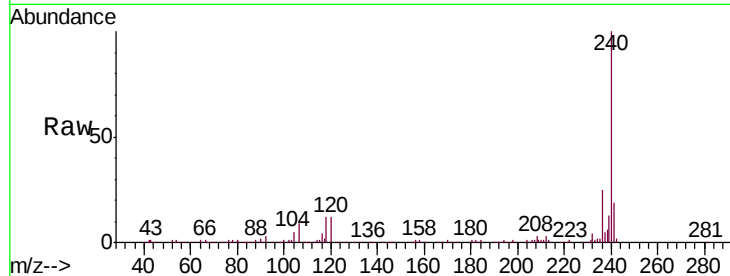




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

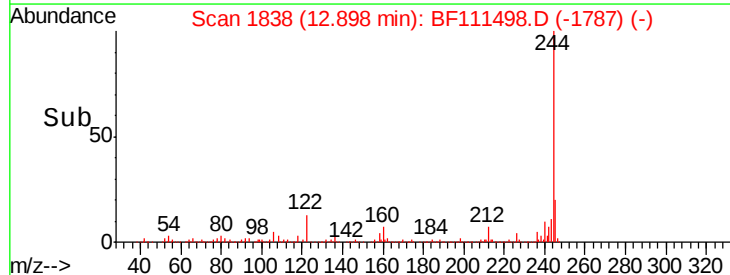
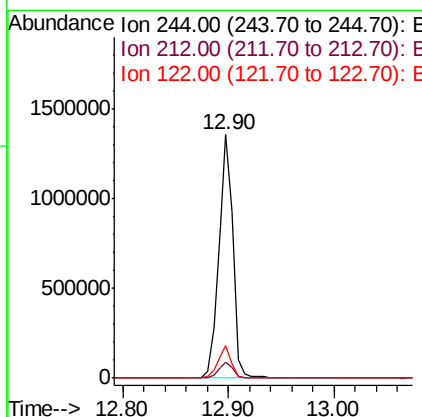
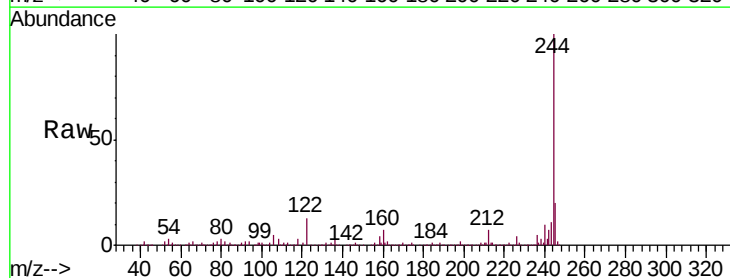
Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

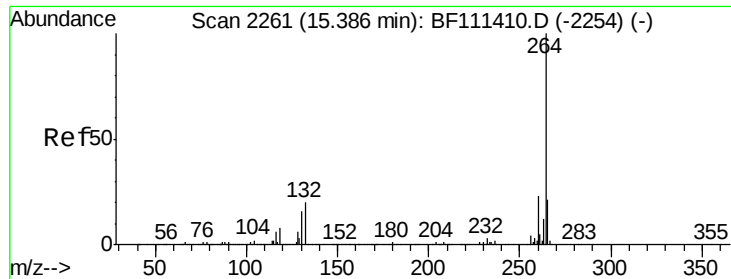
Tgt Ion:240 Resp: 316756
Ion Ratio Lower Upper
240 100
120 12.4 12.2 18.2
236 24.8 20.2 30.2



#79
Terphenyl-d14
Concen: 95.070 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Tgt Ion:244 Resp: 1282404
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 13.5 13.1 19.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	23.0	17.7	26.5

