

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 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 01:41:43 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

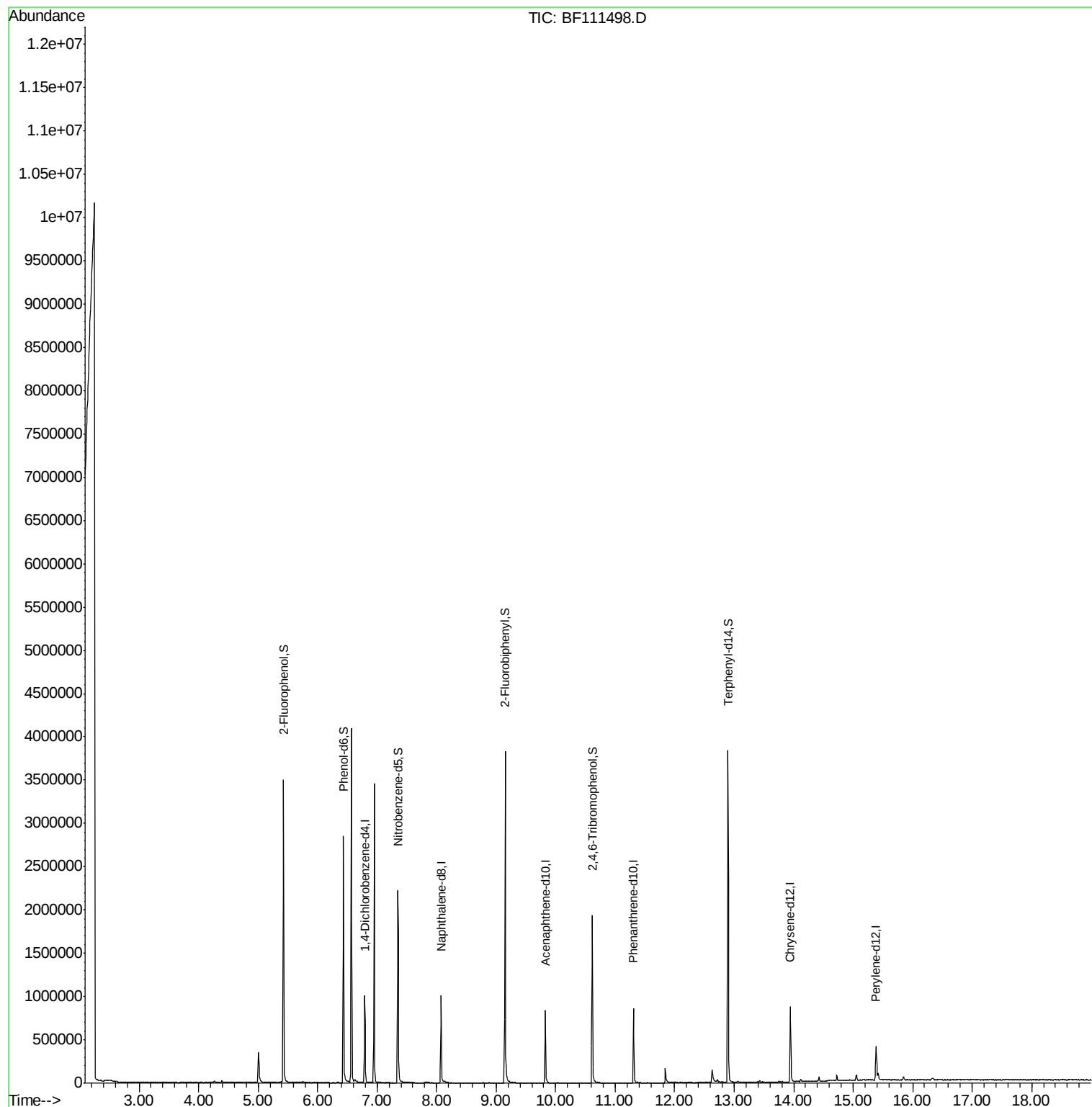
Target Compounds Qvalue

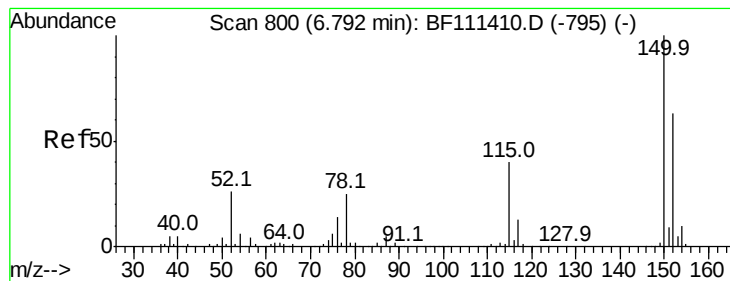
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Acq: 16 Dec 2018 6:31

Instrument :

BNA_F

ClientSampleId :

FP-SOIL-1

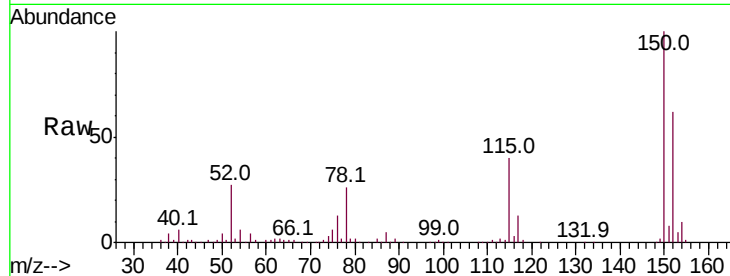
Tot Ion:152 Resp: 132495

Ion Ratio Lower Upper

152 100

150 161.0 126.6 189.8

115 64.2 50.7 76.1

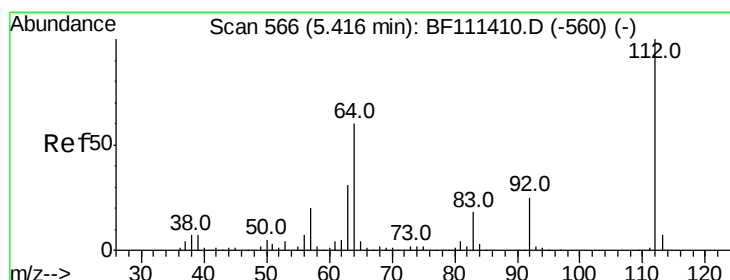
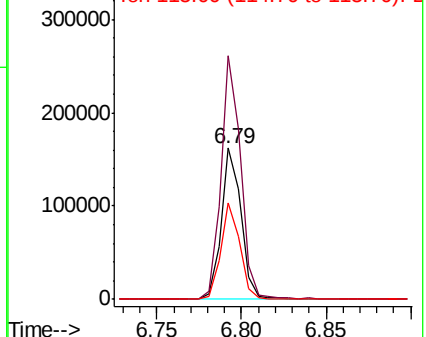
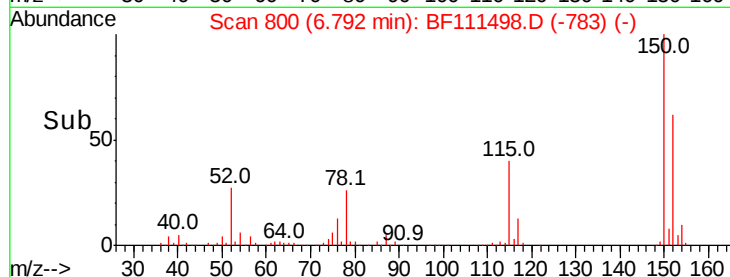


Abundance

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

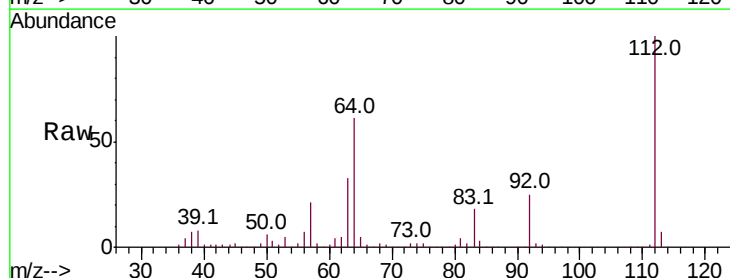
Tgt Ion:112 Resp: 920438

Ion Ratio Lower Upper

112 100

64 60.8 51.8 77.6

63 32.6 26.8 40.2

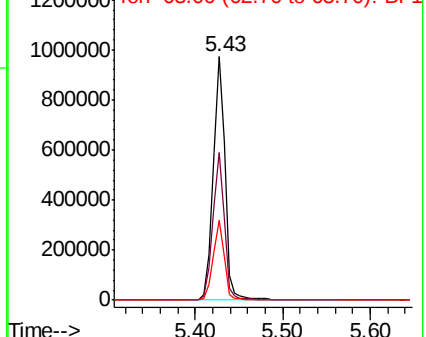
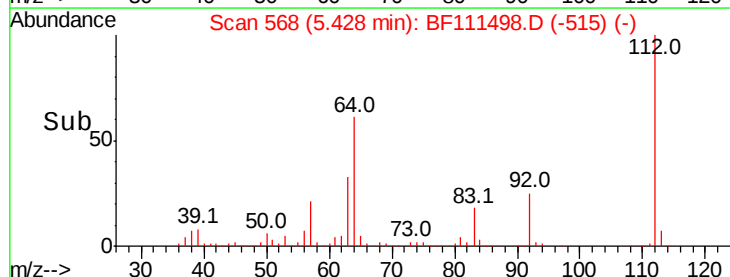


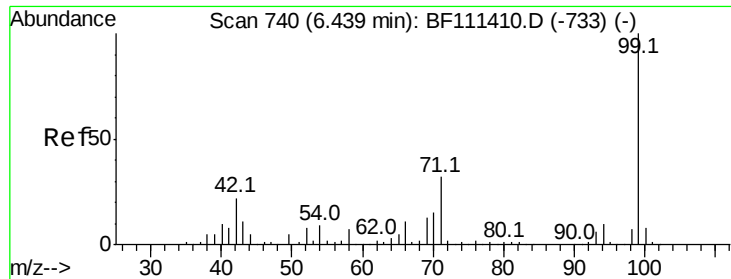
Abundance

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

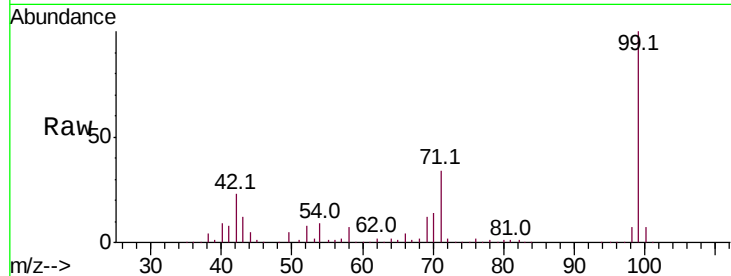
Tot Ion: 99 Resp: 956752

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

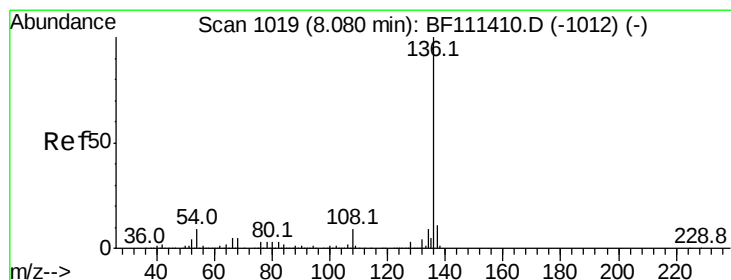
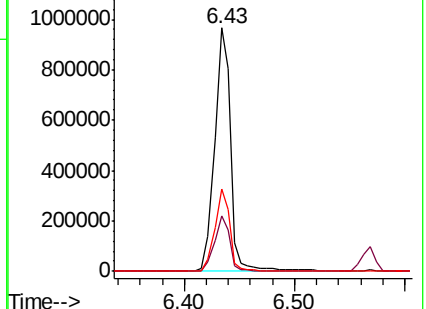
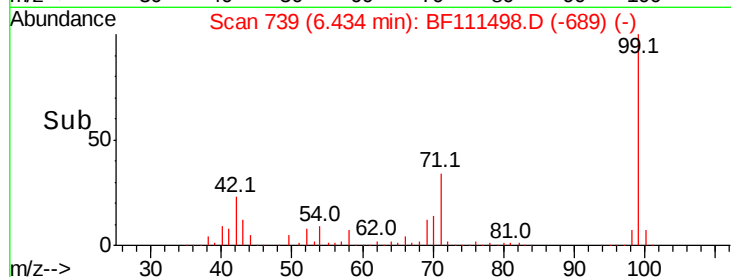
71 34.0 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111498.D

Acq: 16 Dec 2018 6:31

Tgt Ion: 136 Resp: 472810

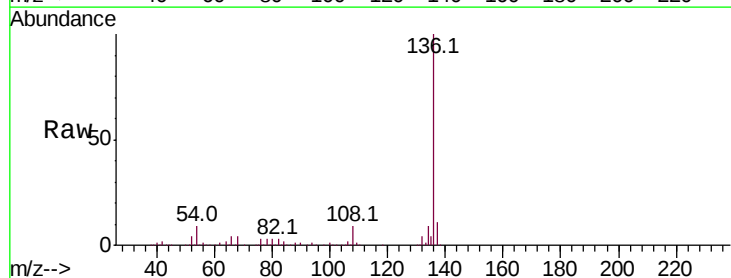
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.8 7.7 11.5

68 4.3 4.9 7.3#

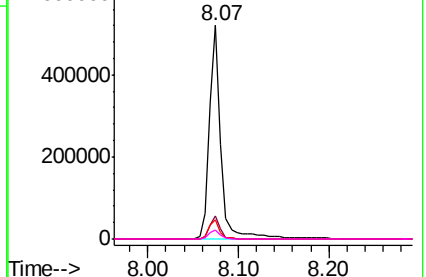
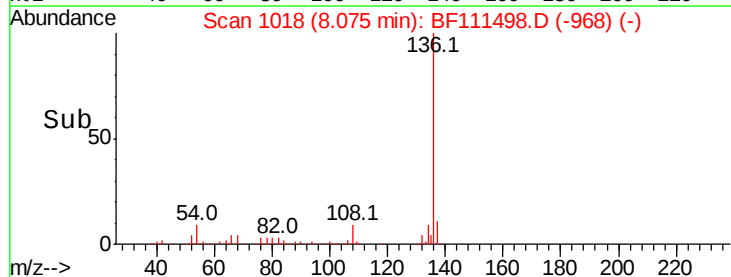


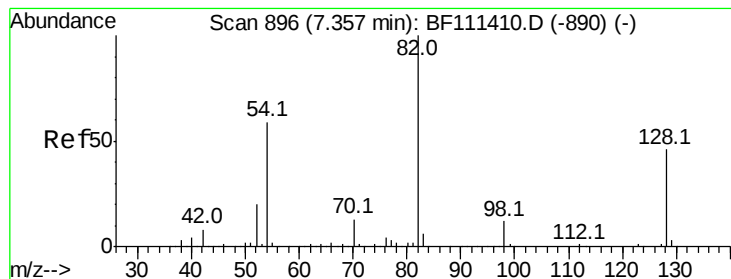
Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

Instrument :

BNA_F

ClientSampled :

FP-SOIL-1

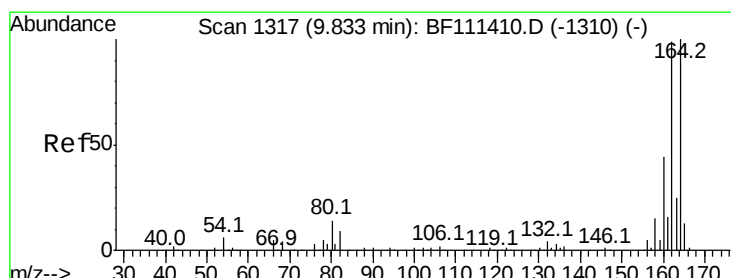
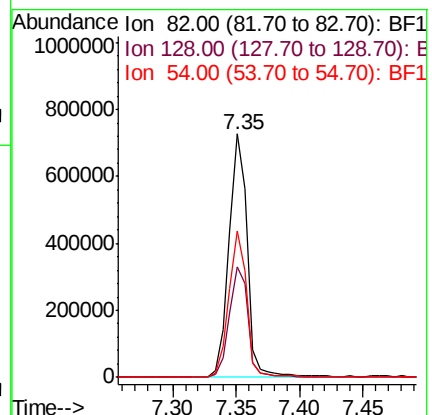
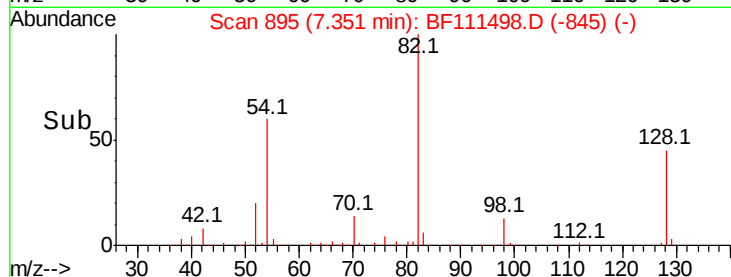
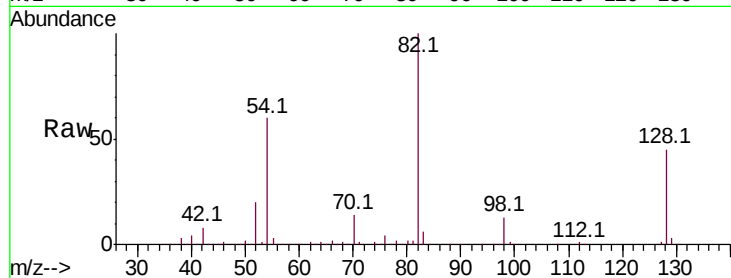
Tot Ion: 82 Resp: 730687

Ion Ratio Lower Upper

82 100

128 45.3 37.4 56.2

54 60.3 47.6 71.4



#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

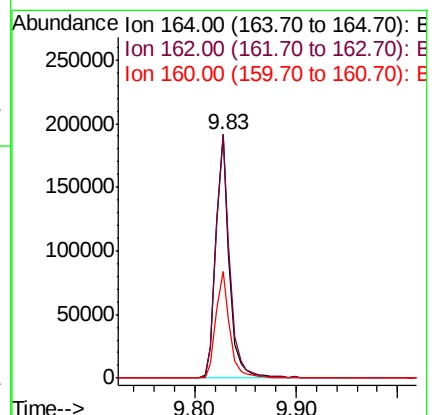
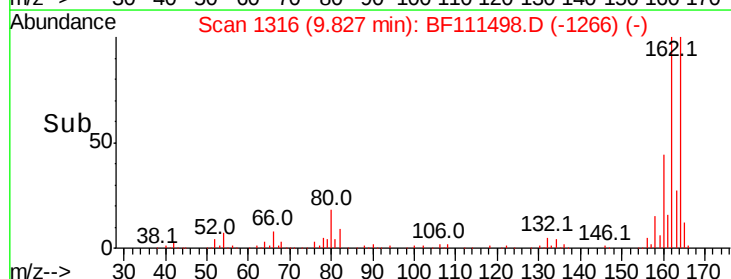
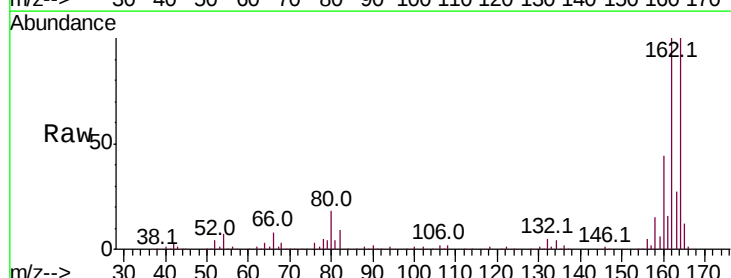
Tgt Ion:164 Resp: 176829

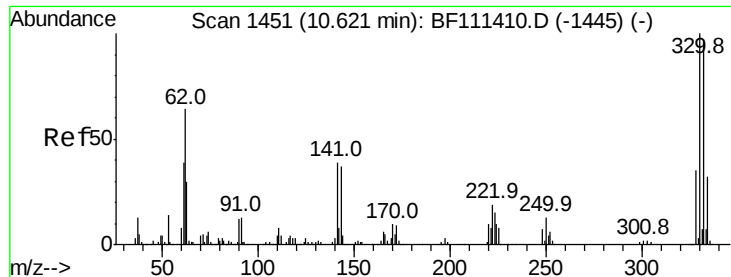
Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 43.7 35.7 53.5

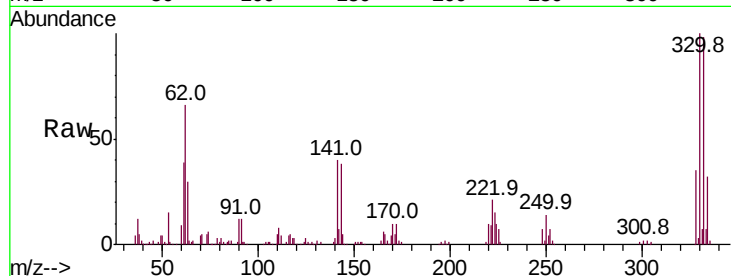




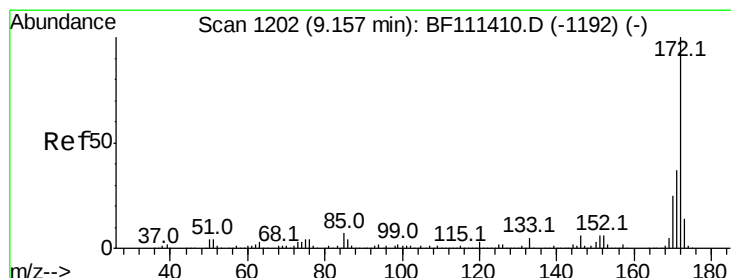
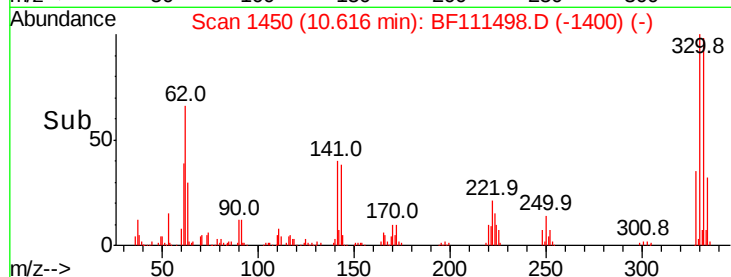
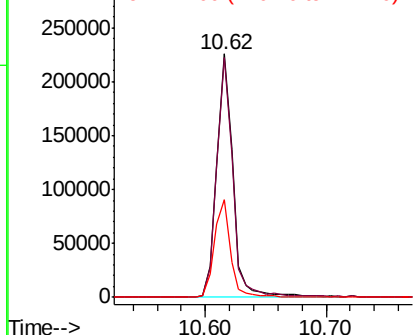
#42
 2,4,6-Tribromophenol
 Concen: 131.483 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Instrument :
 BNA_F
 ClientSampleId :
 FP-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.0	114.0
141	39.9	31.0	46.6

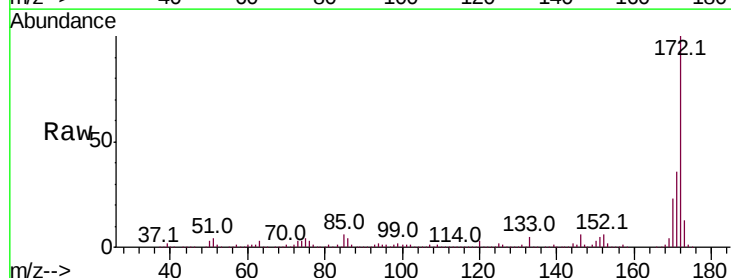


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

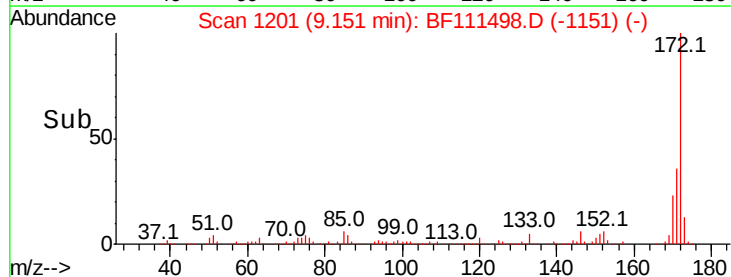
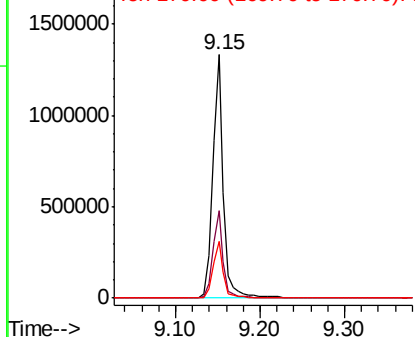


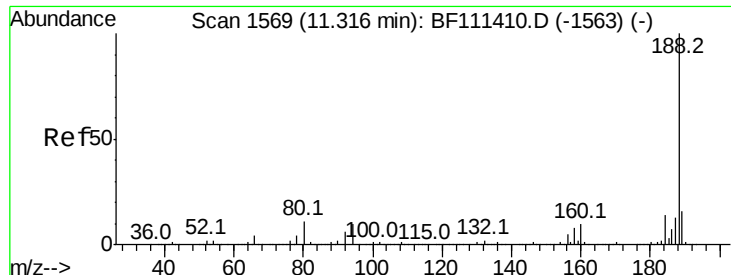
#45
 2-Fluorobiphenyl
 Concen: 104.358 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111498.D
 Acq: 16 Dec 2018 6:31

Tgt Ion	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

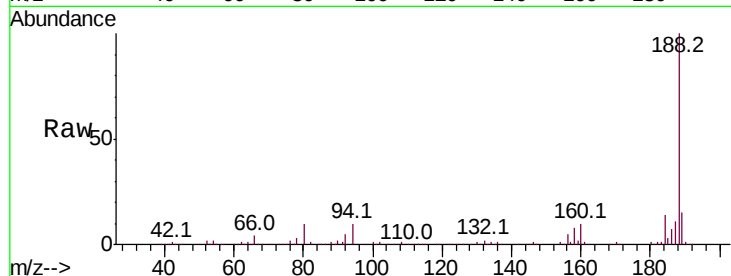




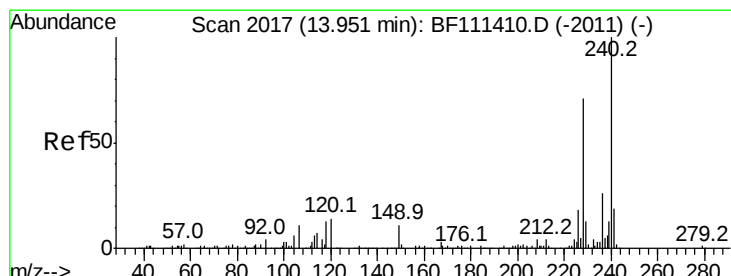
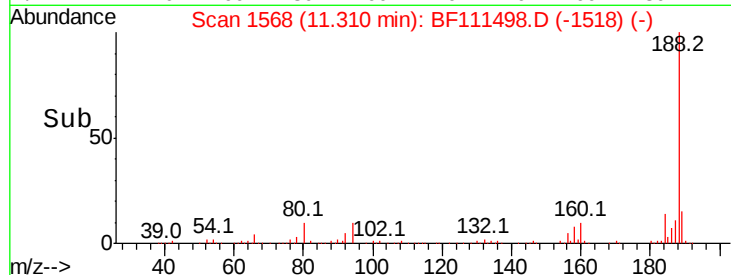
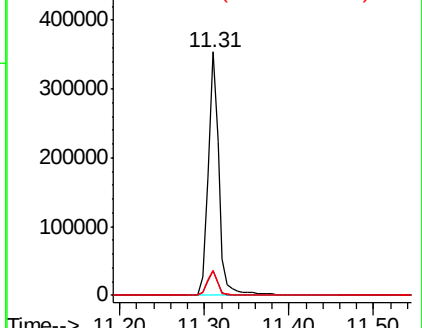
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

Instrument :
BNA_F
ClientSampleId :
FP-SOIL-1

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

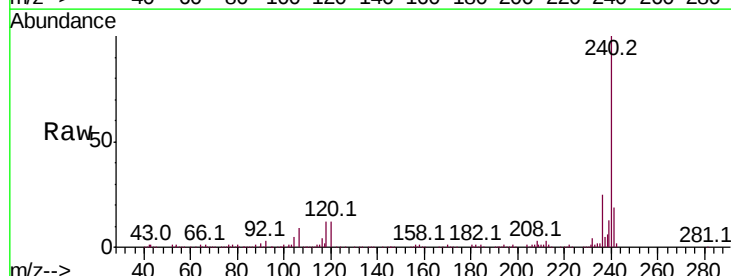


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

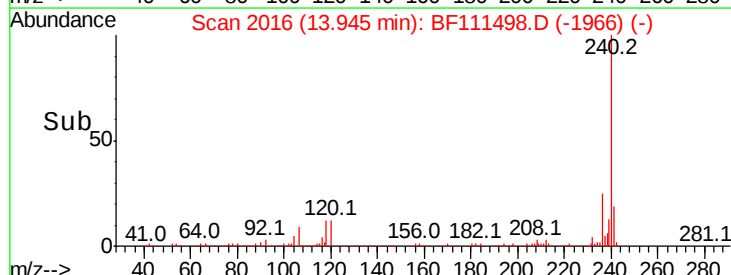
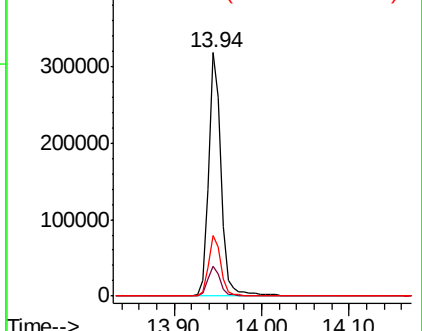


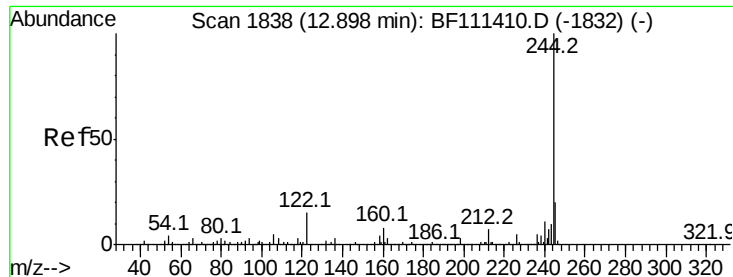
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111498.D
Acq: 16 Dec 2018 6:31

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



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





#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

Instrument :

BNA_F

ClientSampleId :

FP-SOIL-1

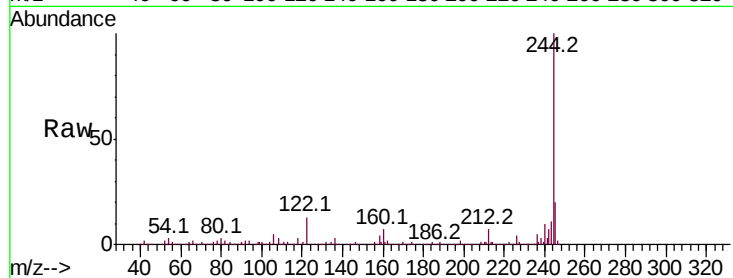
Tot Ion:244 Resp: 1282404

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

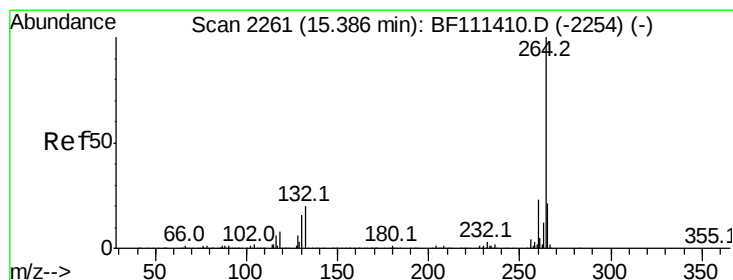
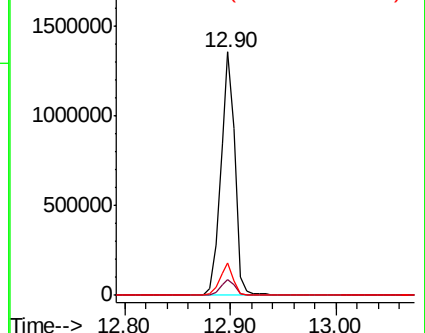
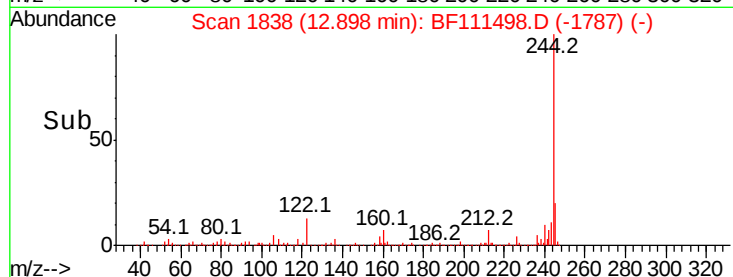
122 13.5 13.1 19.7



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: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BF111498.D

Acq: 16 Dec 2018 6:31

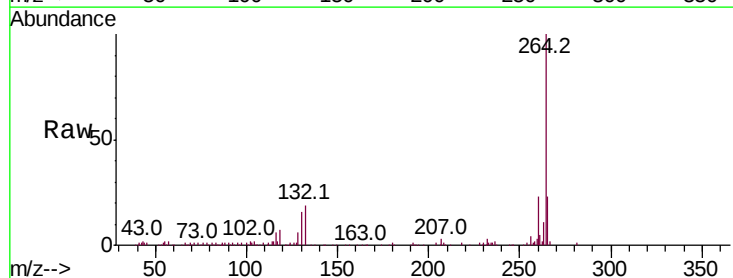
Tgt Ion:264 Resp: 205783

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 23.0 17.7 26.5



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

