

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106539.D
 Acq On : 18 Jun 2018 15:33
 Operator : JU/SJ
 Sample : J3551-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 19 04:07:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113031	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	438722	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	207595	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	349731	20.00	ng	0.00
75) Chrysene-d12	14.17	240	251556	20.00	ng	0.01
86) Perylene-d12	15.72	264	308180	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	101902	15.26	ng	0.00
7) Phenol-d6	6.61	99	129179	15.31	ng	0.00
23) Nitrobenzene-d5	7.52	82	78646	10.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	27487	13.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	153386	3.80	ng	0.00
78) Terphenyl-d14	13.08	244	122057	12.05	ng	0.00

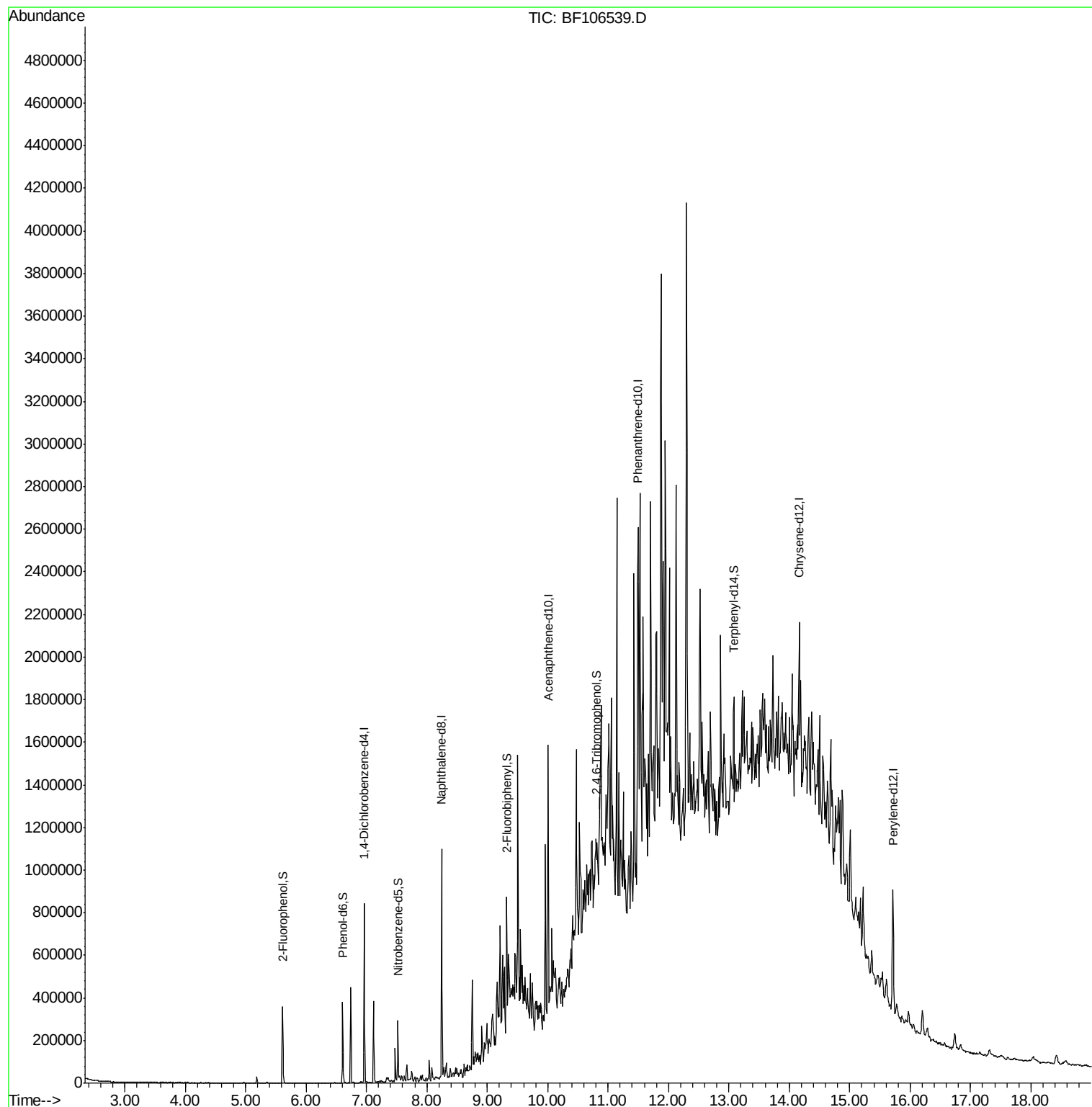
Target Compounds Qvalue

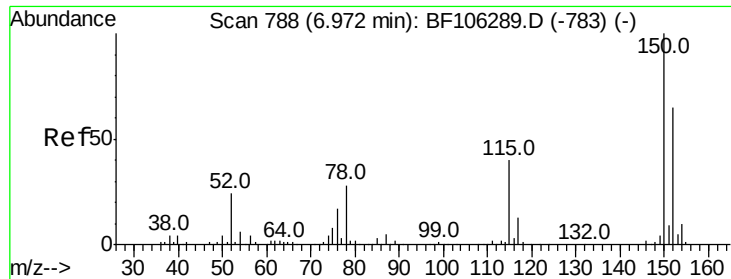
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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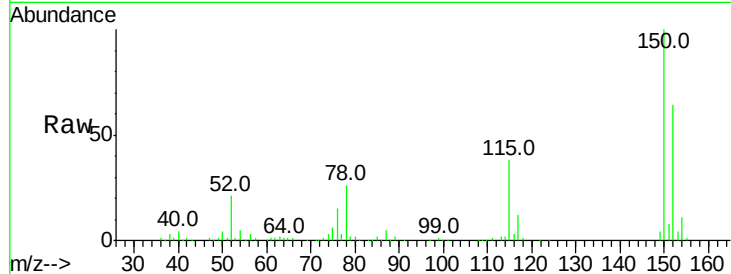


#1

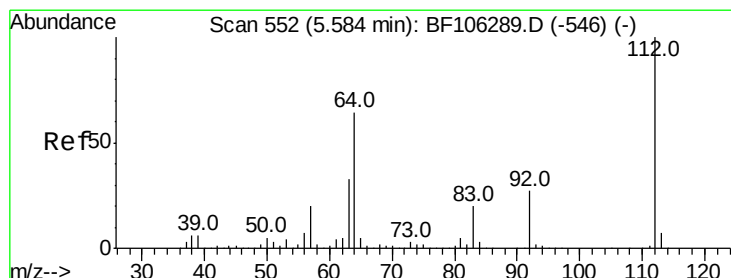
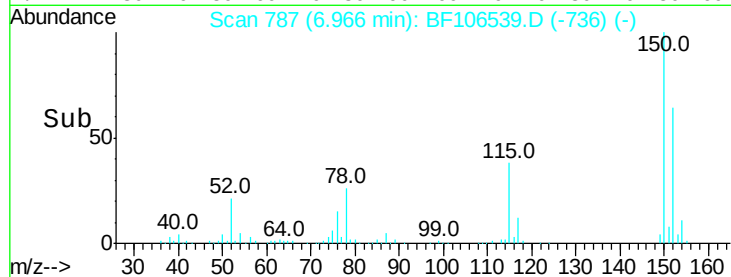
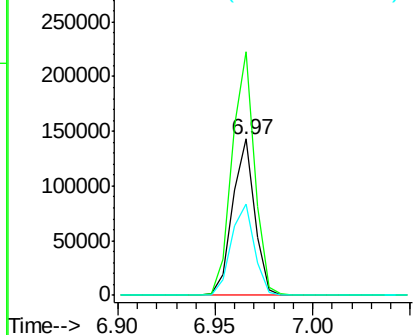
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106539.D
Acq: 18 Jun 2018 15:33

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion:152 Resp: 113031
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.7 50.1 75.1



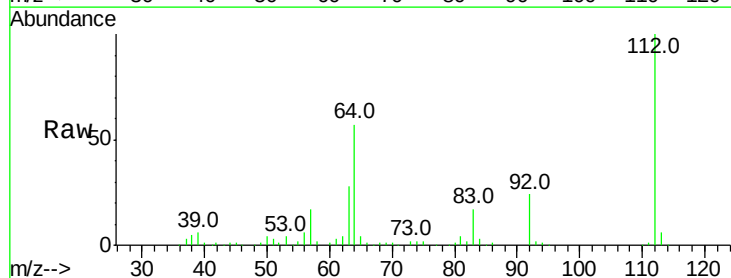
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



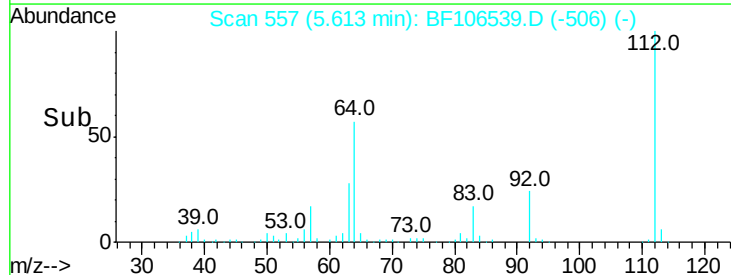
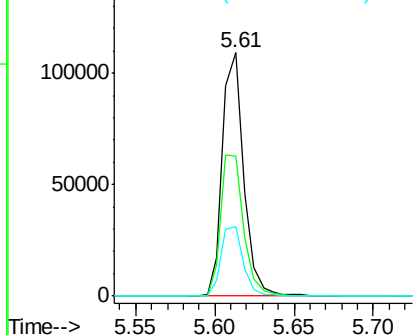
#5

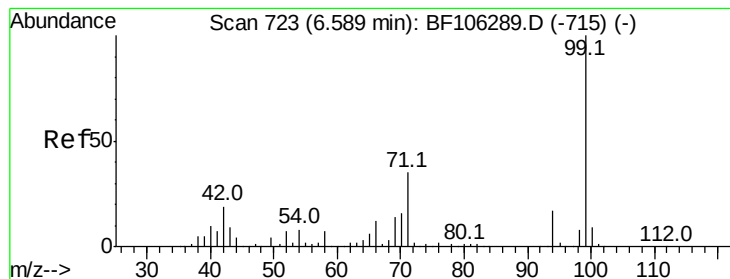
2-Fluorophenol
Concen: 15.259 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106539.D
Acq: 18 Jun 2018 15:33

Tgt Ion:112 Resp: 101902
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.5 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: 15.310 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

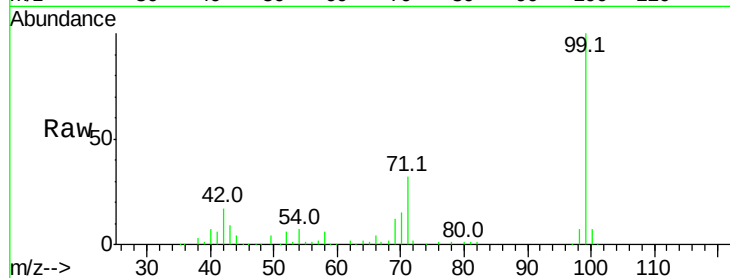
Tot Ion: 99 Resp: 129179

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

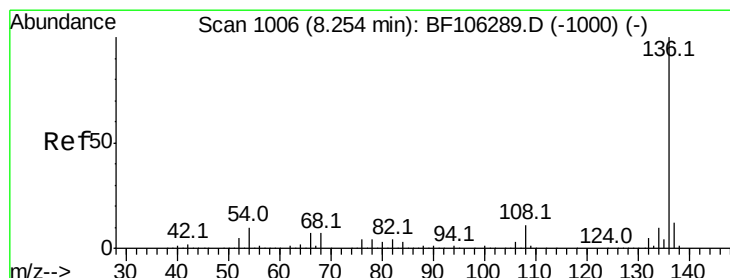
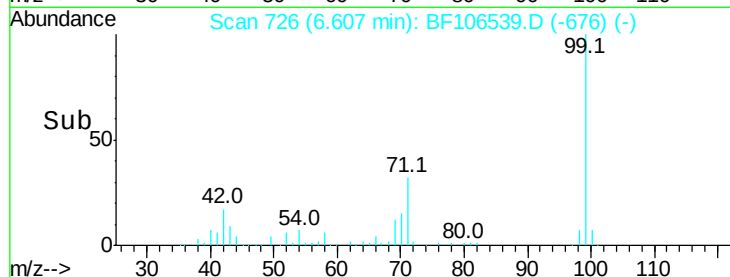
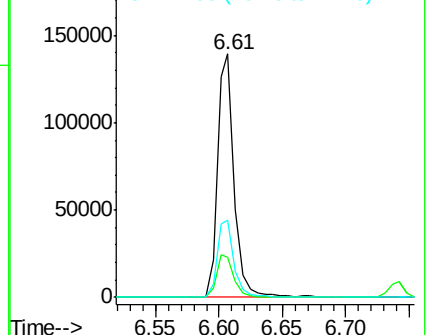
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

Tgt Ion: 136 Resp: 438722

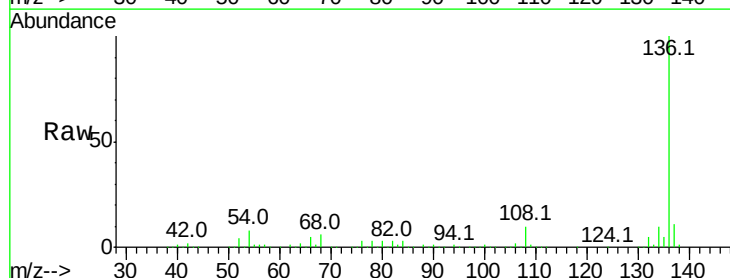
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.0 6.6 9.8

68 6.5 5.0 7.4

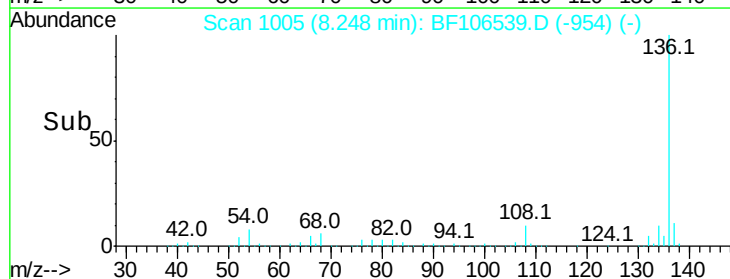
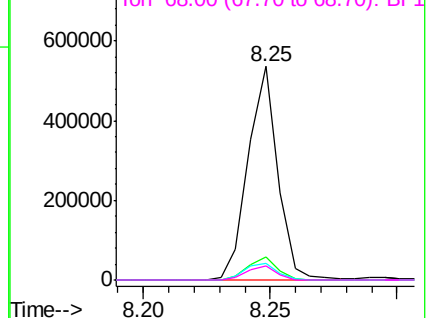


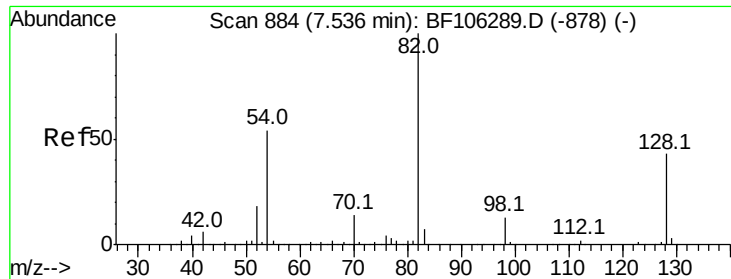
Abundance Ion 136.00 (135.70 to 136.70): E

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

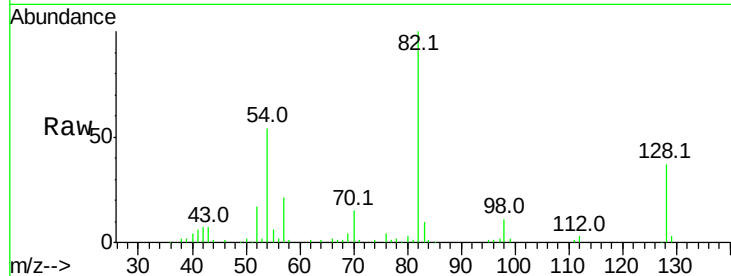




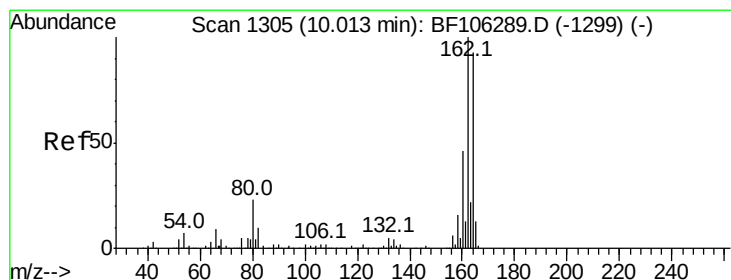
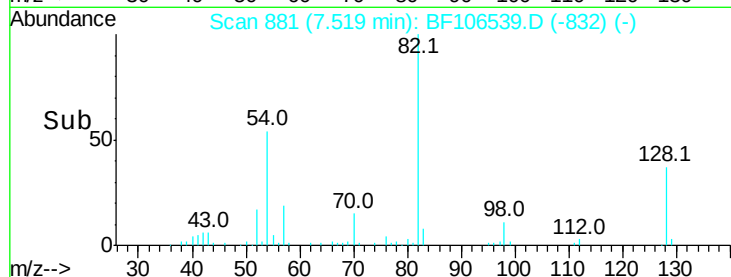
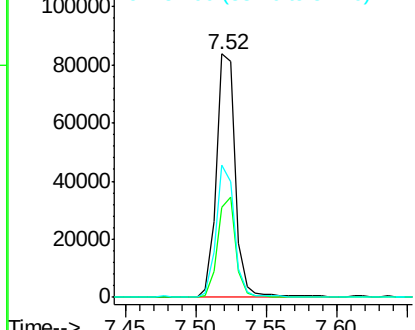
#23
 Nitrobenzene-d5
 Concen: 10.546 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF106539.D
 Acq: 18 Jun 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion: 82 Resp: 78646
 Ion Ratio Lower Upper
 82 100
 128 36.8 36.1 54.1
 54 54.2 41.4 62.2

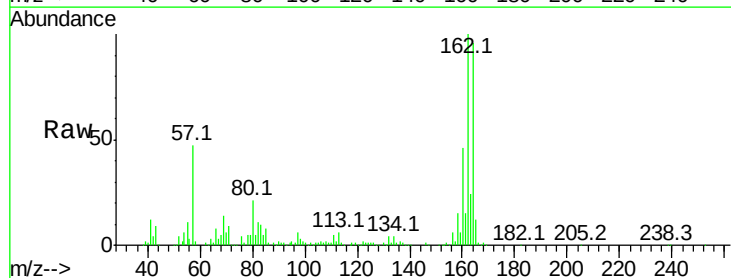


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

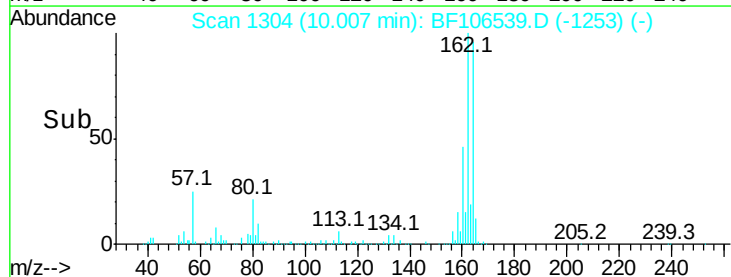
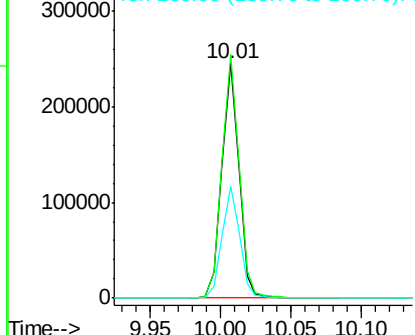


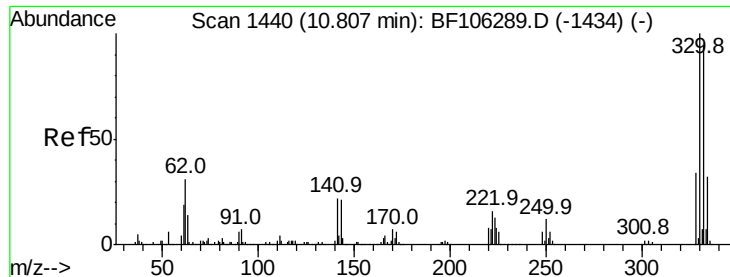
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF106539.D
 Acq: 18 Jun 2018 15:33

Tgt Ion:164 Resp: 207595
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 47.5 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: 13.761 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

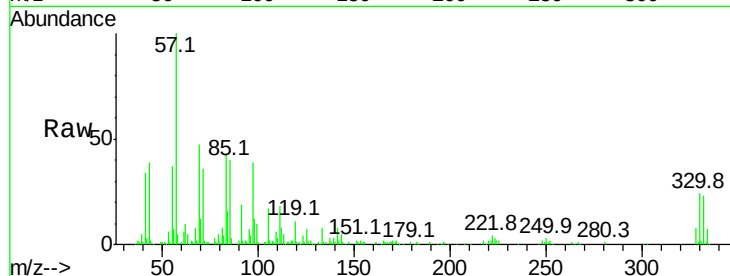
Tot Ion:330 Resp: 27487

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

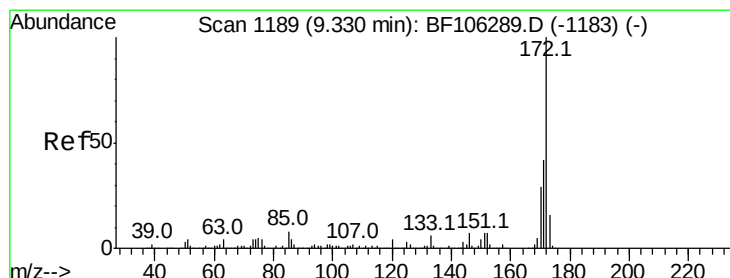
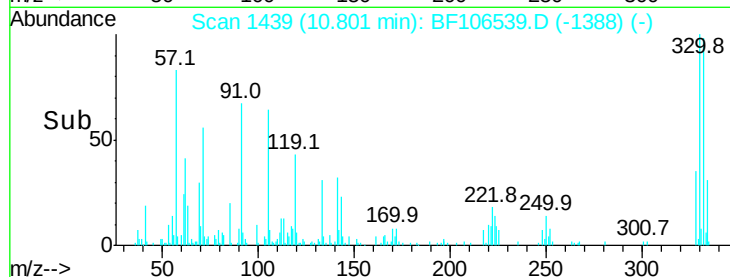
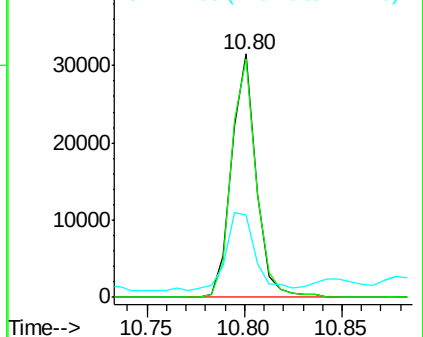
141 38.3 29.9 44.9



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: 3.799 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

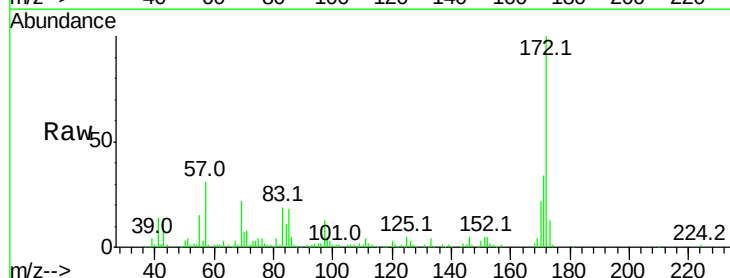
Tgt Ion:172 Resp: 153386

Ion Ratio Lower Upper

172 100

171 34.5 29.7 44.5

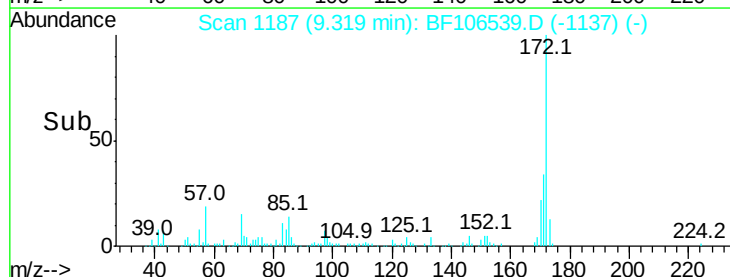
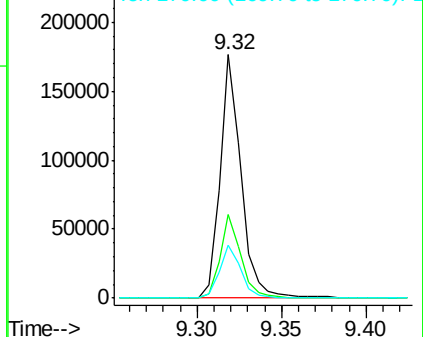
170 22.0 19.6 29.4

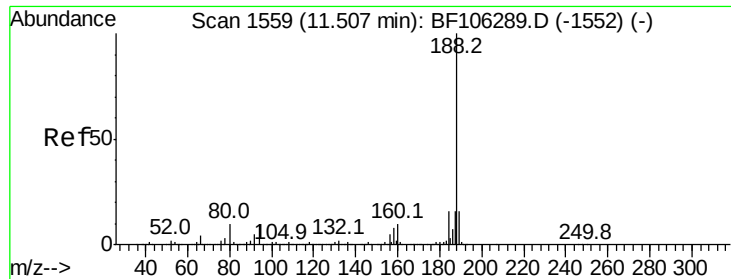


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

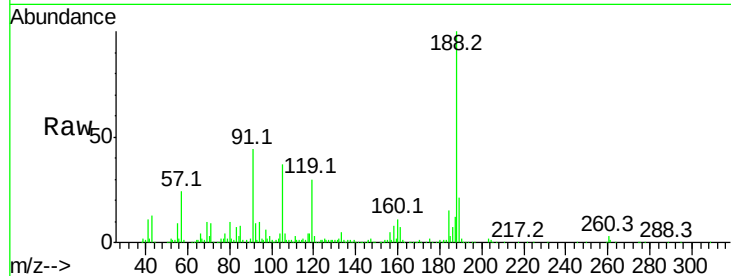
Tot Ion:188 Resp: 349731

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

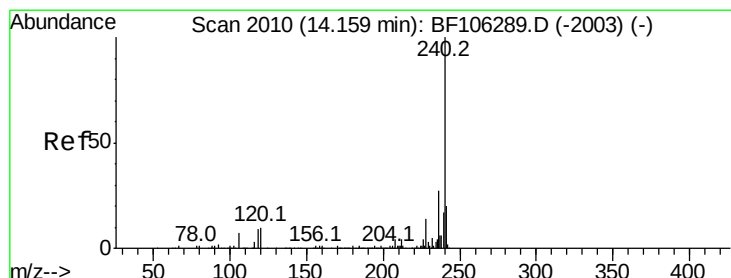
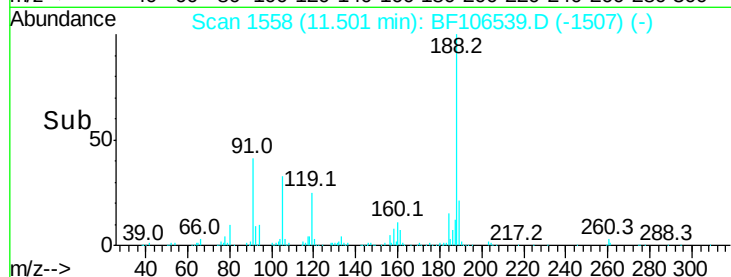
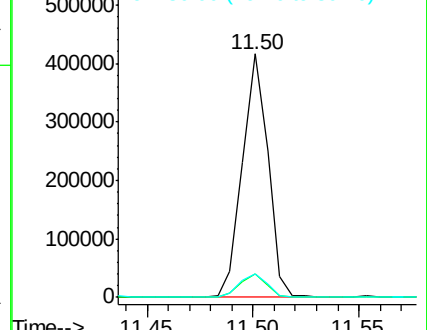
80 9.8 9.2 13.8



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: 14.17 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

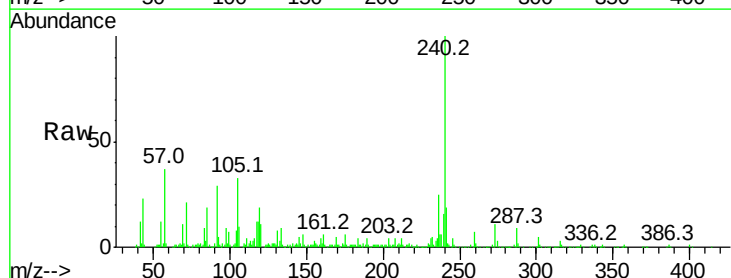
Tgt Ion:240 Resp: 251556

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

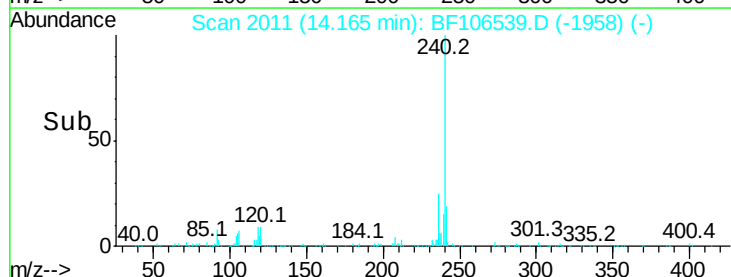
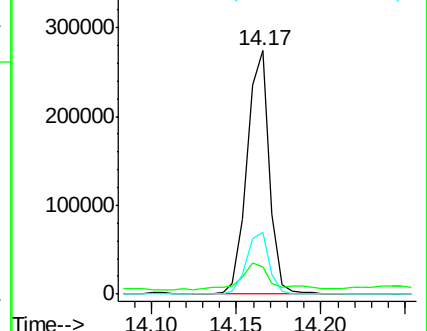
236 25.2 20.7 31.1

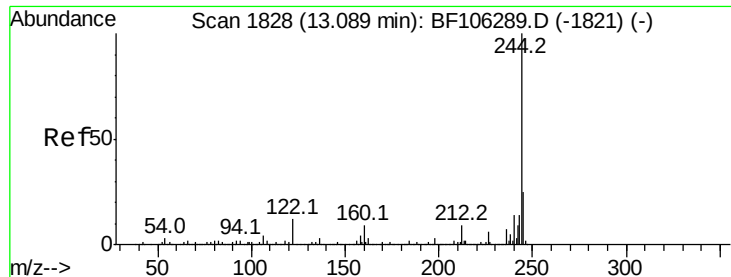


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.052 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

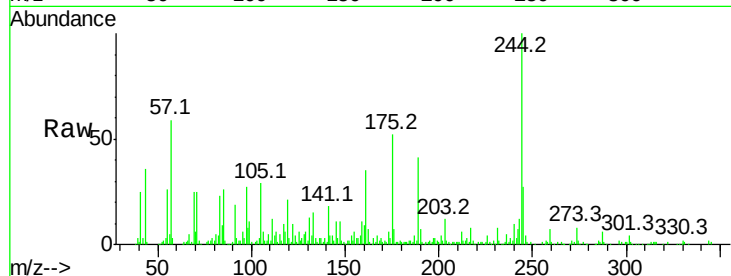
Tot Ion:244 Resp: 122057

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

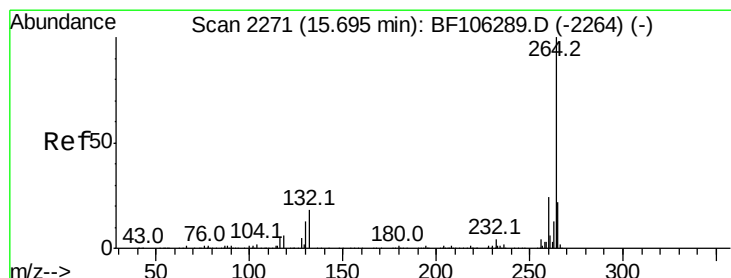
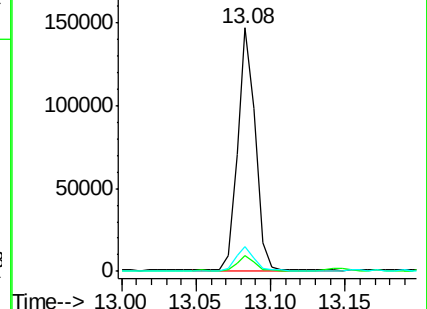
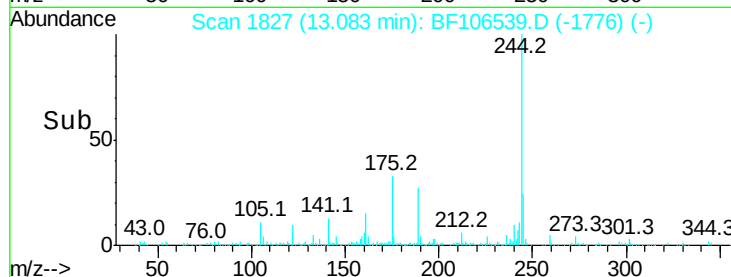
122 10.4 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.04 min

Lab File: BF106539.D

Acq: 18 Jun 2018 15:33

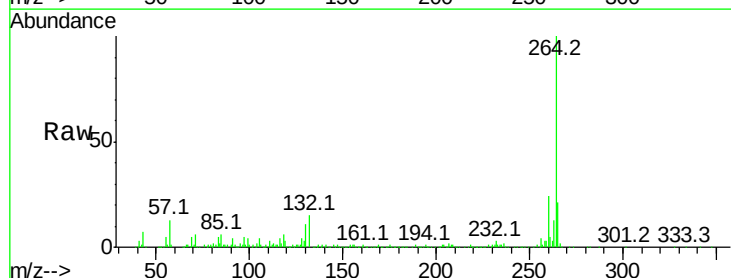
Tgt Ion:264 Resp: 308180

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.5 26.3



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

