

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106942.D
 Acq On : 29 Jun 2018 00:57
 Operator : JU/SJ
 Sample : J3734-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL

Quant Time: Jun 29 06:38:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

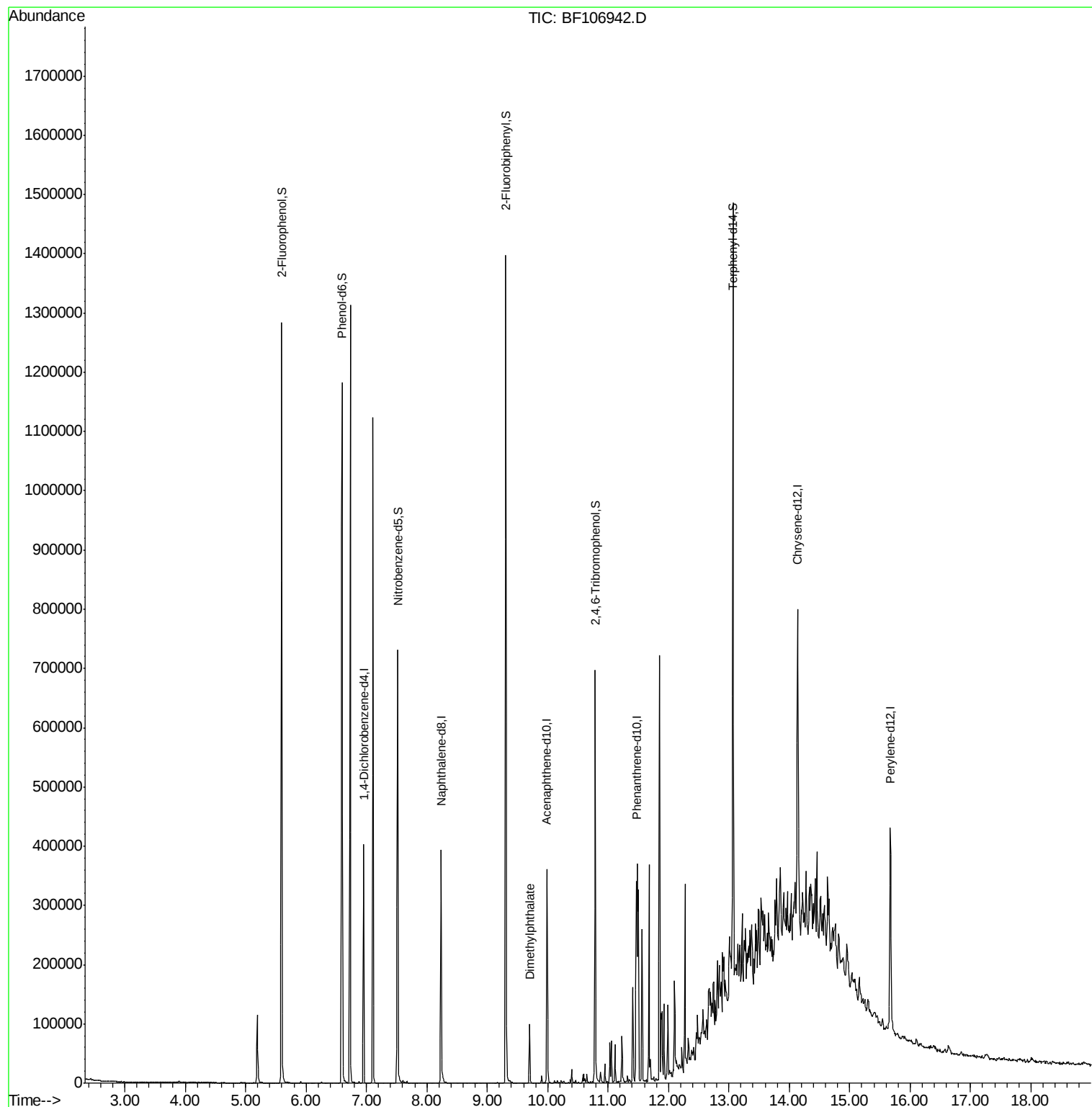
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	58195	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	195013	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	78461	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	143818	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	185391	20.00	ng	-0.03
86) Perylene-d12	15.67	264	177718	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	346517	100.83	ng	0.00
7) Phenol-d6	6.60	99	416725	97.10	ng	-0.02
23) Nitrobenzene-d5	7.52	82	251142	71.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	98045	107.81	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	430986	94.65	ng	-0.02
78) Terphenyl-d14	13.07	244	492085	64.30	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	45117	7.667	ng	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106942.D
Acq On : 29 Jun 2018 00:57
Operator : JU/SJ
Sample : J3734-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-SOIL

Quant Time: Jun 29 06:38:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



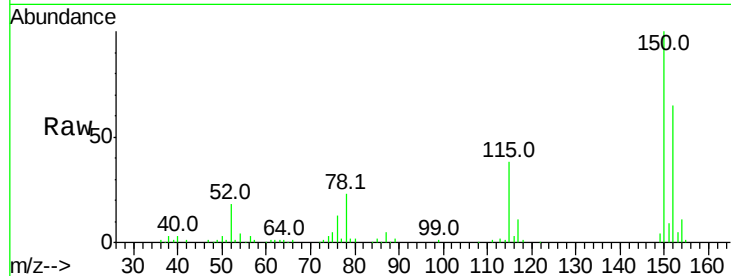


#1

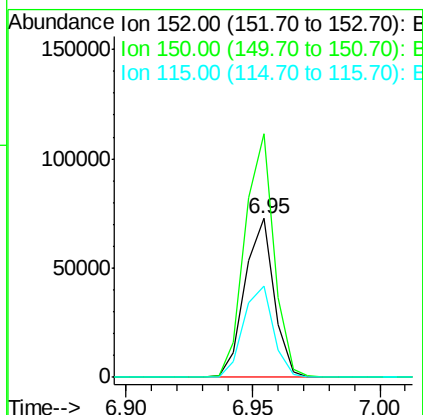
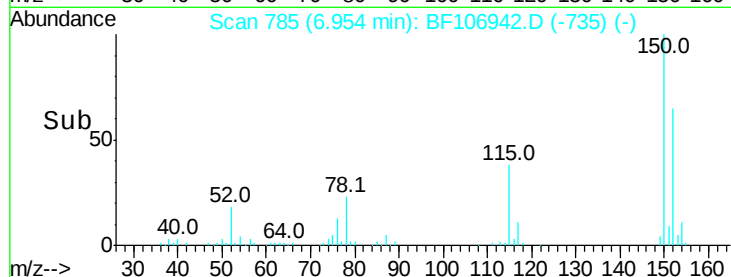
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Instrument :
BNA_F
ClientSampleId :
WS-SOIL

Tot Ion:152 Resp: 58195
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 57.5 50.1 75.1



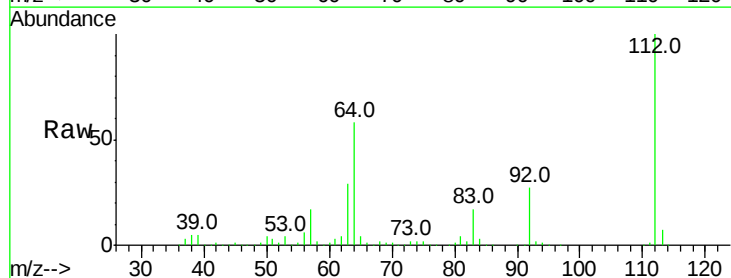
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



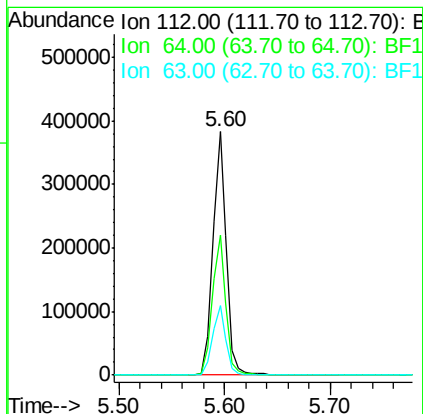
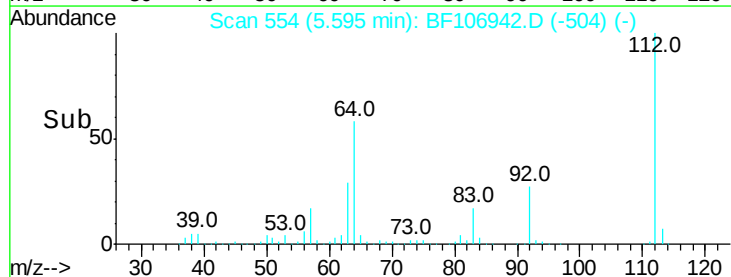
#5

2-Fluorophenol
Concen: 100.827 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106942.D
Acq: 29 Jun 2018 00:57

Tgt Ion:112 Resp: 346517
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 28.7 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: 97.097 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

Instrument :

BNA_F

ClientSampleId :

WS-SOIL

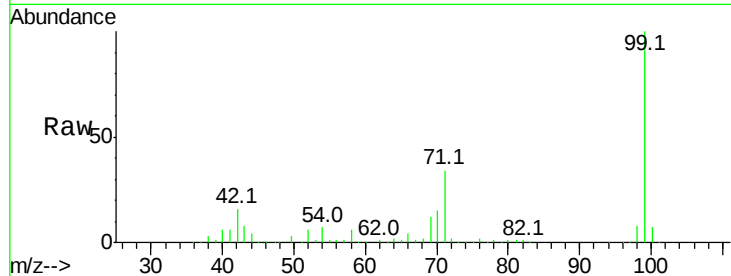
Tot Ion: 99 Resp: 416725

Ion Ratio Lower Upper

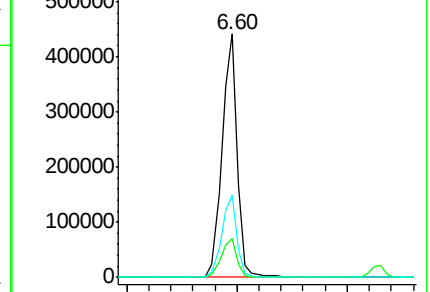
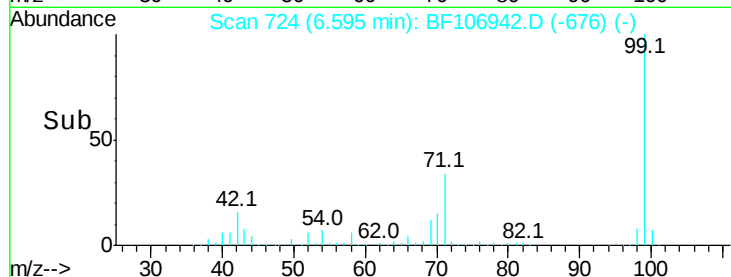
99 100

42 16.1 14.5 21.7

71 34.0 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

Tgt Ion: 136 Resp: 195013

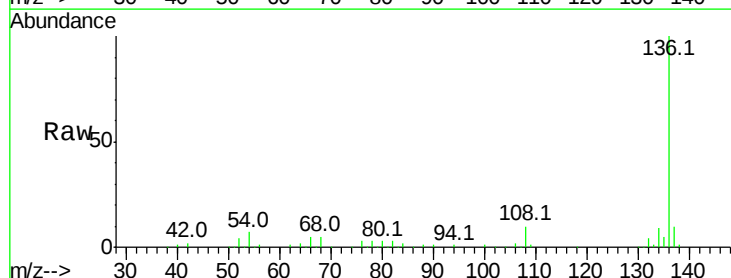
Ion Ratio Lower Upper

136 100

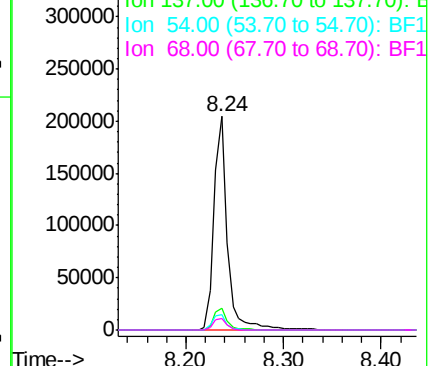
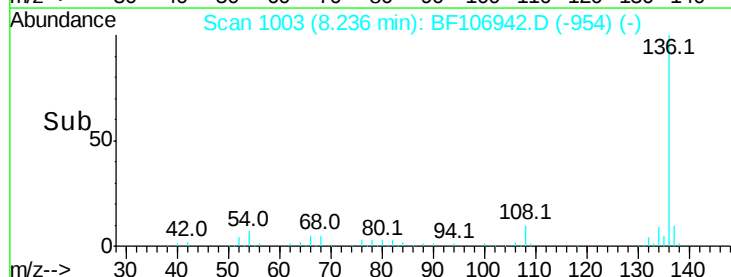
137 10.4 8.9 13.3

54 7.1 6.6 9.8

68 5.5 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

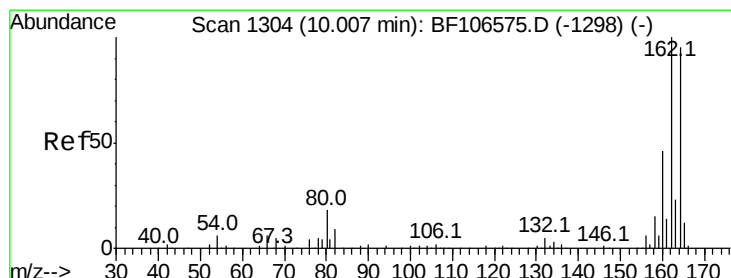
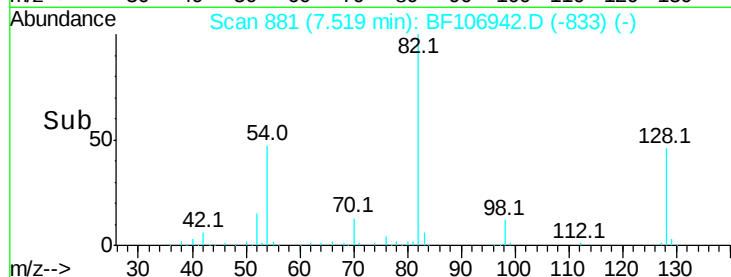
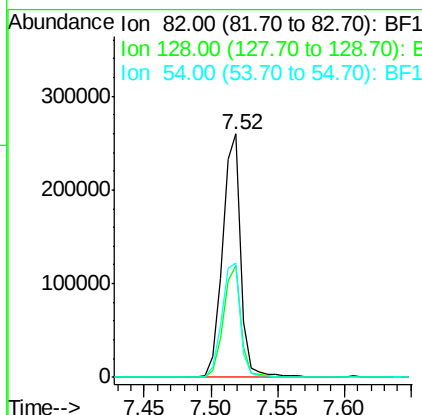
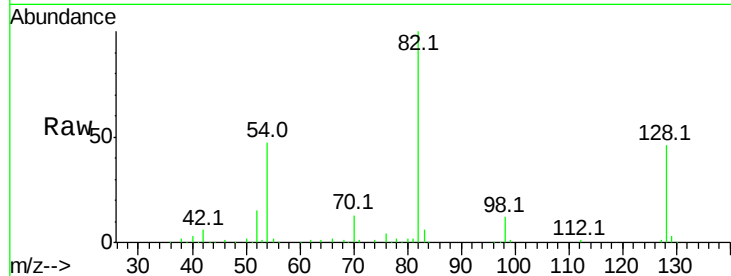




#23
 Nitrobenzene-d5
 Concen: 71.569 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

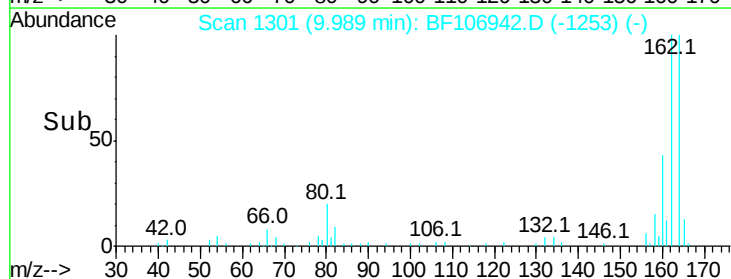
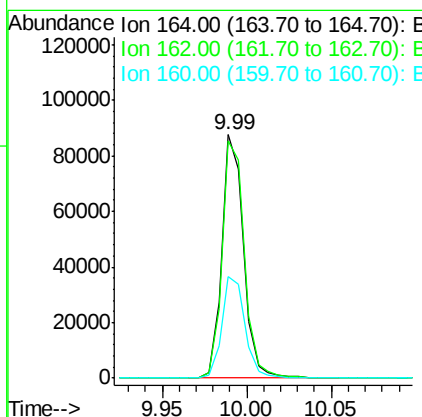
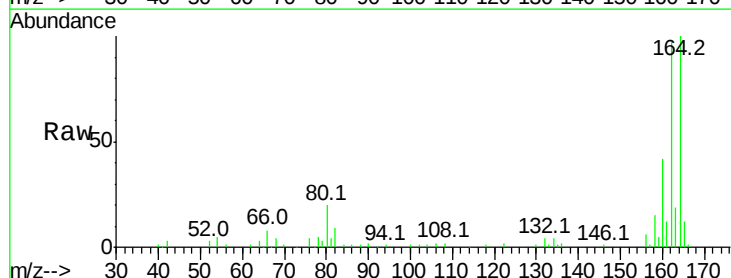
Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL

Tot Ion	82	Resp	251142
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	47.2	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Tgt Ion	164	Resp	78461
Ion Ratio	Lower	Upper	
164	100		
162	97.3	86.1	129.1
160	41.9	38.3	57.5

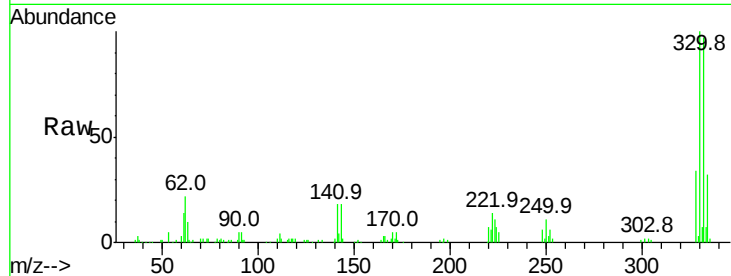




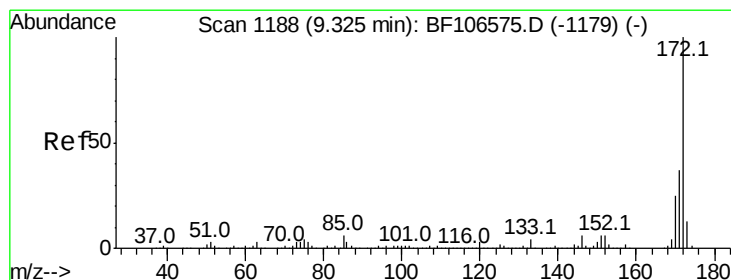
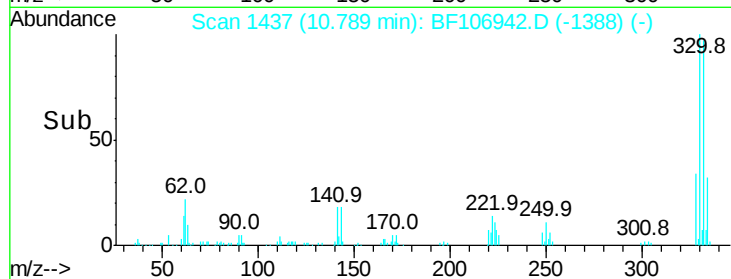
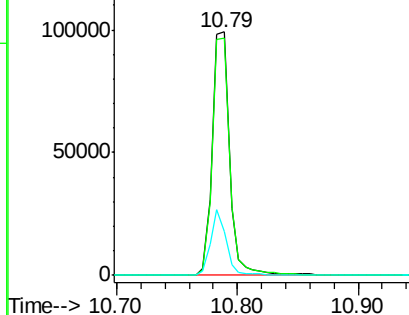
#41
 2,4,6-Tribromophenol
 Concen: 107.815 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL

Tot Ion:330 Resp: 98045
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 23.9 29.9 44.9#

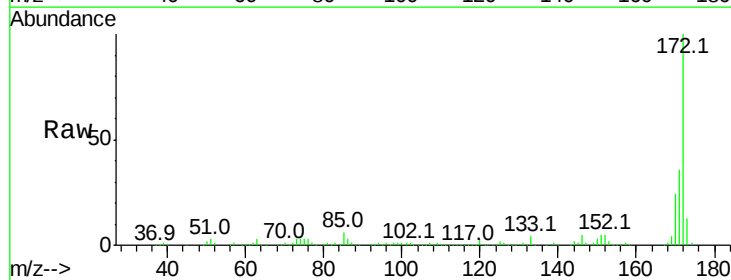


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

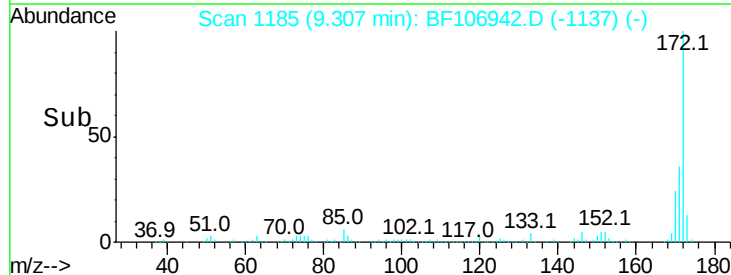
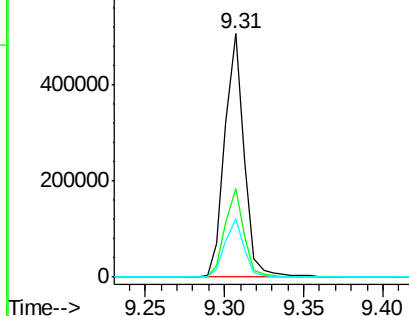


#44
 2-Fluorobiphenyl
 Concen: 94.651 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Tgt Ion:172 Resp: 430986
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 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





#49

Dimethylphthalate

Concen: 7.667 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

Instrument :

BNA_F

ClientSampleId :

WS-SOIL

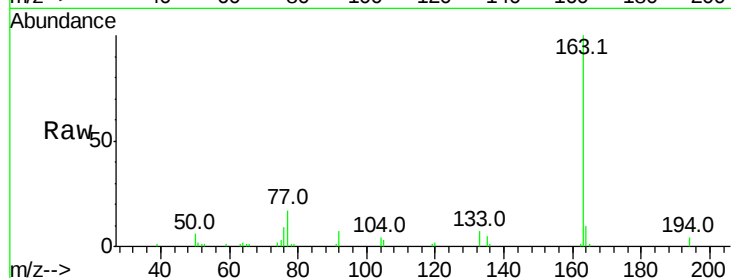
Tot Ion:163 Resp: 45117

Ion Ratio Lower Upper

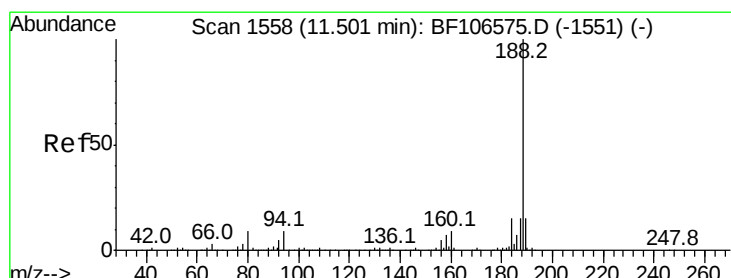
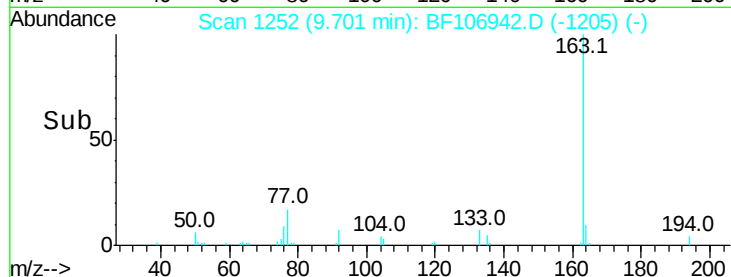
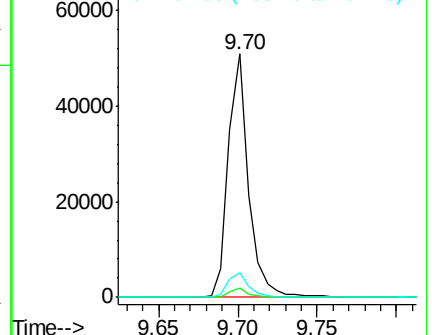
163 100

194 4.0 2.7 4.1

164 10.1 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

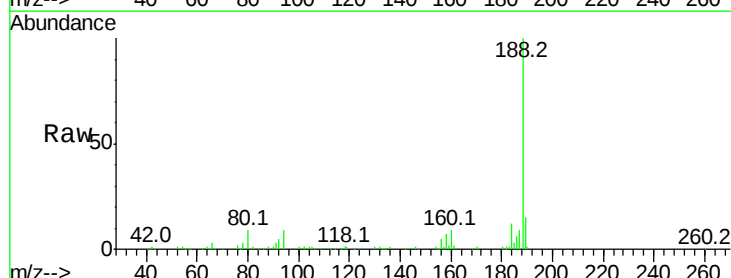
Tgt Ion:188 Resp: 143818

Ion Ratio Lower Upper

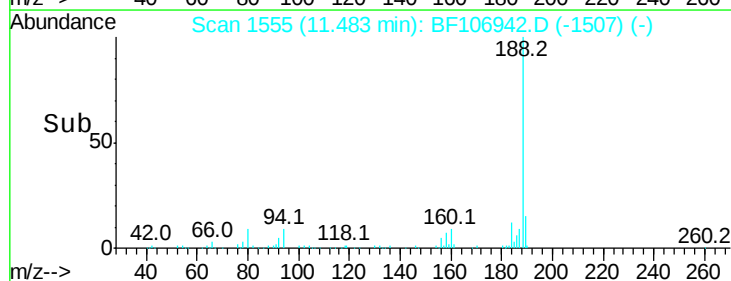
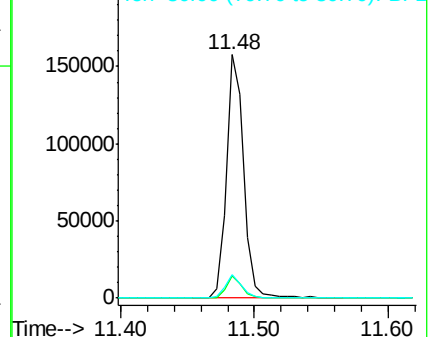
188 100

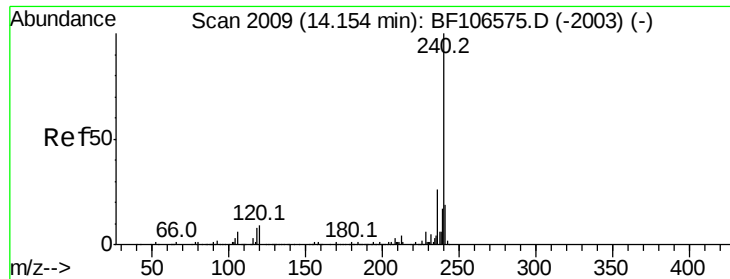
94 9.0 8.5 12.7

80 9.4 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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

Instrument :

BNA_F

ClientSampleId :

WS-SOIL

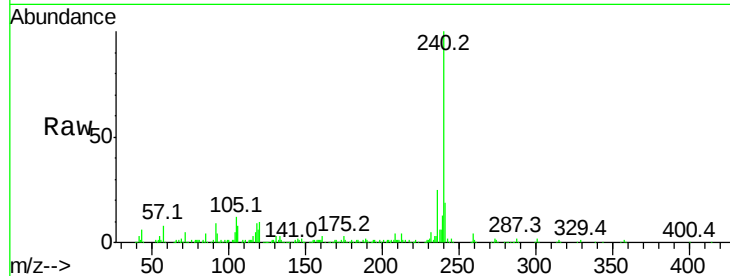
Tot Ion:240 Resp: 185391

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

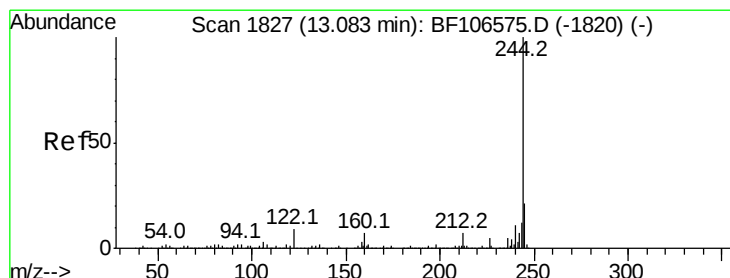
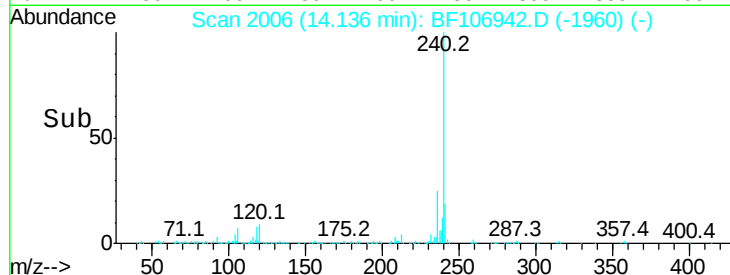
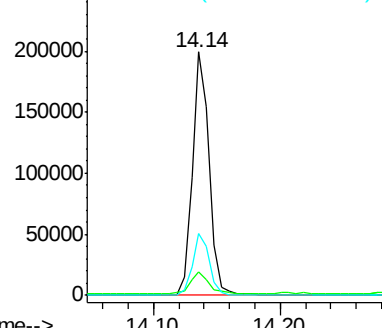
236 25.4 20.7 31.1



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: 64.295 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106942.D

Acq: 29 Jun 2018 00:57

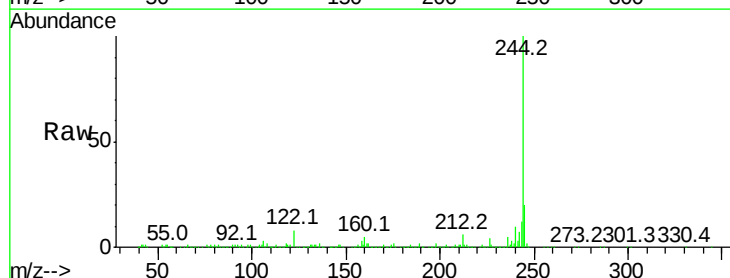
Tgt Ion:244 Resp: 492085

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

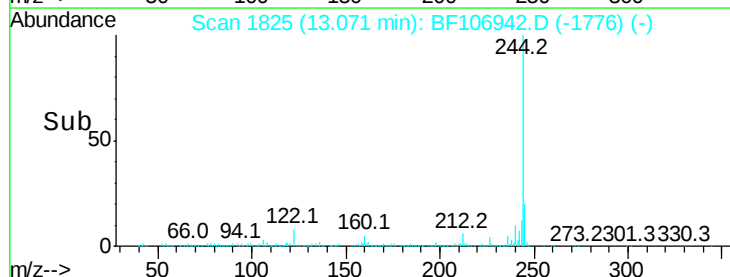
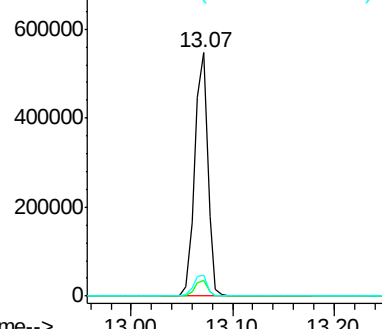
122 8.4 11.0 16.4#

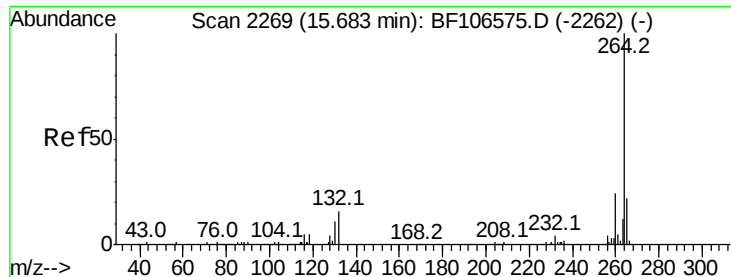


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

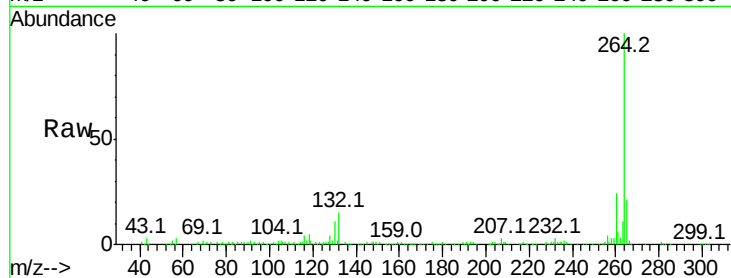




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF106942.D
 Acq: 29 Jun 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 WS-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	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

