

Data File : BM010946.D
Acq On : 21 Jul 2017 21:24
Operator : SJ/JU
Sample : I4302-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RINSEBLANK-SOIL

Quant Time: Jul 21 23:26:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	239322	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	853972	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	532541	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1278448	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1498352	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1368242	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	720134	49.84	ng	-0.02
7) Phenol-d6	6.62	99	599737	30.11	ng	-0.02
23) Nitrobenzene-d5	8.57	82	1770675	79.70	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1043460	128.22	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	3470388	81.07	ng	-0.02
78) Terphenyl-d14	19.50	244	5839722	75.38	ng	-0.01

Target Compounds Qvalue

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

Data File : BM010946.D

Acq On : 21 Jul 2017 21:24

Operator : SJ/JU

Sample : I4302-01

Misc :

ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-SOIL

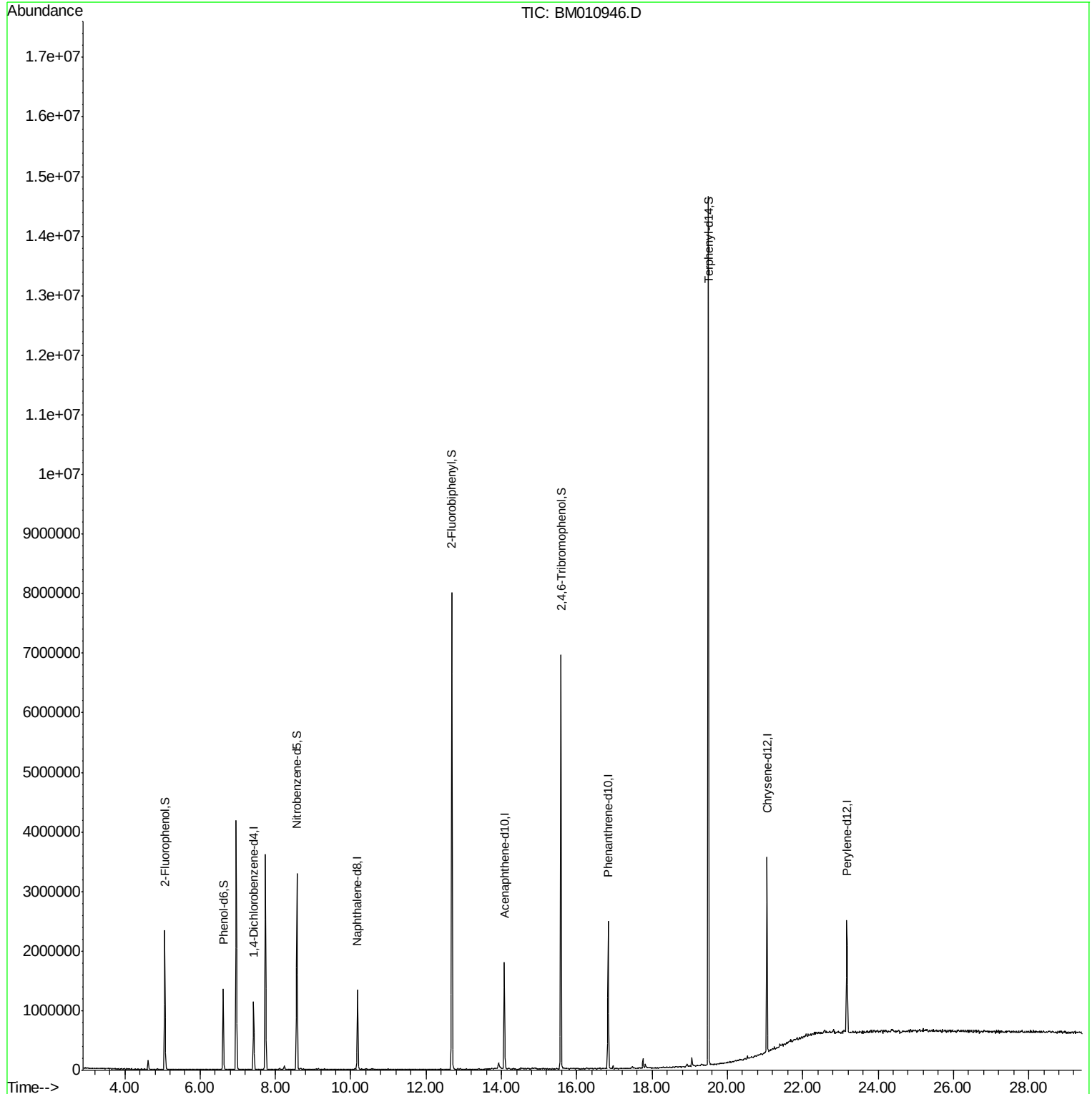
Quant Time: Jul 21 23:26:43 2017

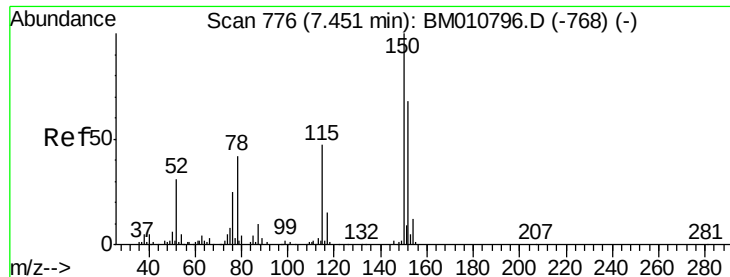
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 12 14:21:16 2017

Response via : Initial Calibration



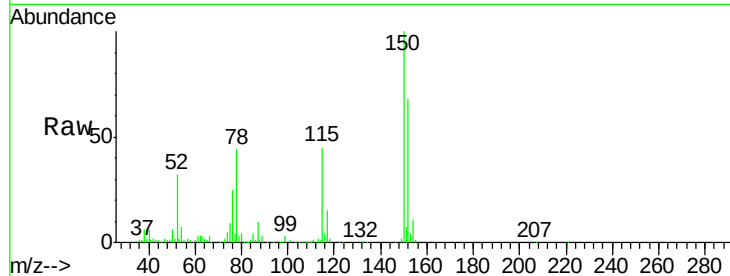


#1

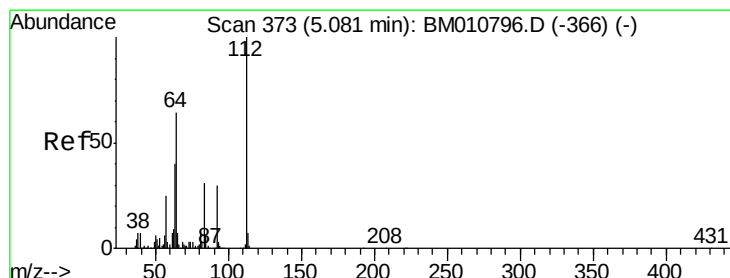
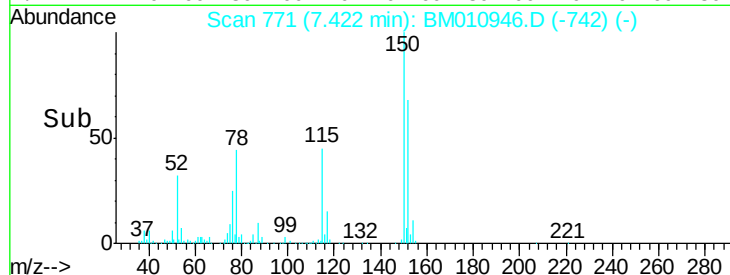
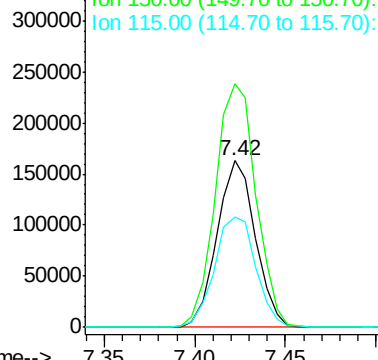
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010946.D
Acq: 21 Jul 2017 21:24

Instrument :
BNA_M
ClientSampleId :
RINSEBLANK-SOIL

Tgt Ion:152 Resp: 239322
Ion Ratio Lower Upper
152 100
150 146.4 119.5 179.3
115 66.3 43.0 64.4#



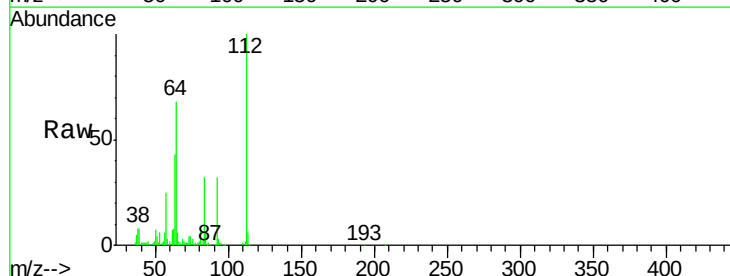
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



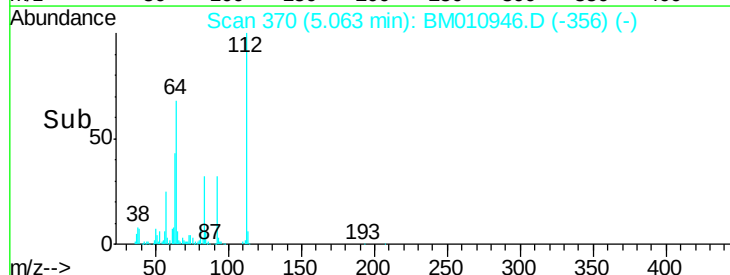
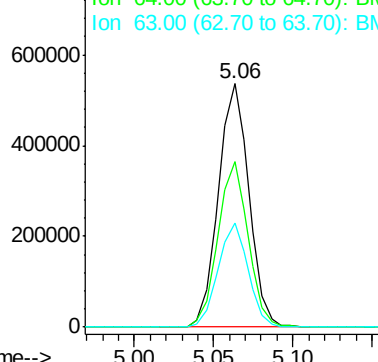
#5

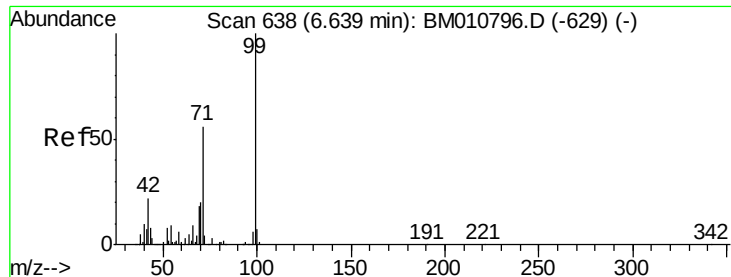
2-Fluorophenol
Concen: 49.84 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.02 min
Lab File: BM010946.D
Acq: 21 Jul 2017 21:24

Tgt Ion:112 Resp: 720134
Ion Ratio Lower Upper
112 100
64 68.2 38.6 57.8#
63 42.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 30.11 ng

RT: 6.62 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM010946.D

Acq: 21 Jul 2017 21:24

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-SOIL

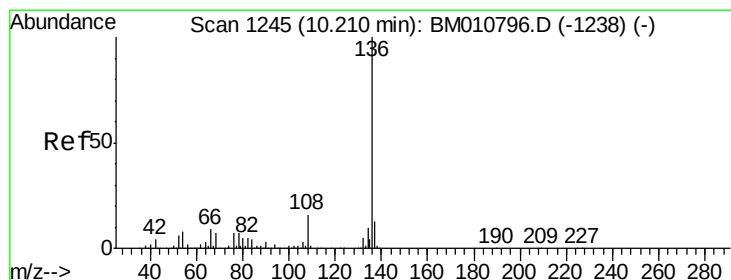
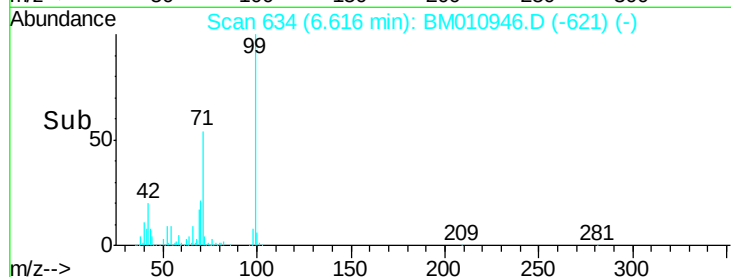
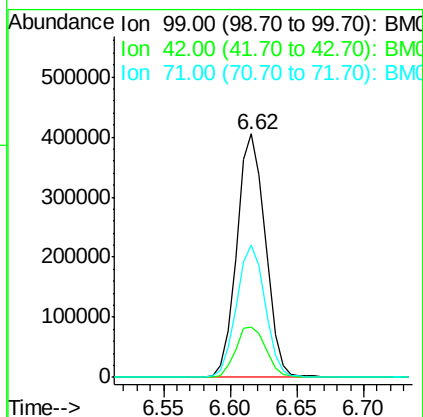
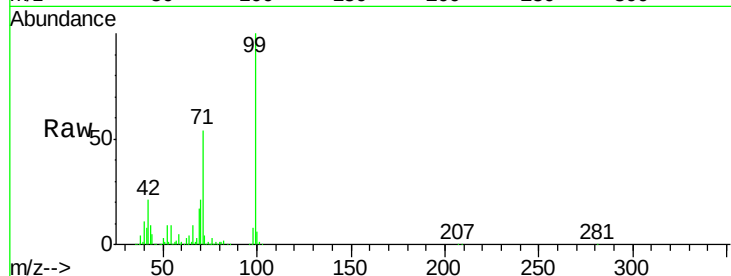
Tgt Ion: 99 Resp: 599737

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

71 54.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010946.D

Acq: 21 Jul 2017 21:24

Tgt Ion: 136 Resp: 853972

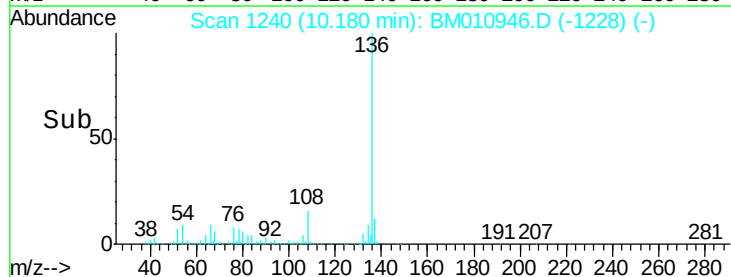
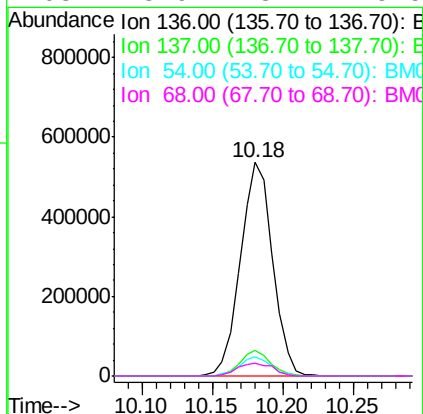
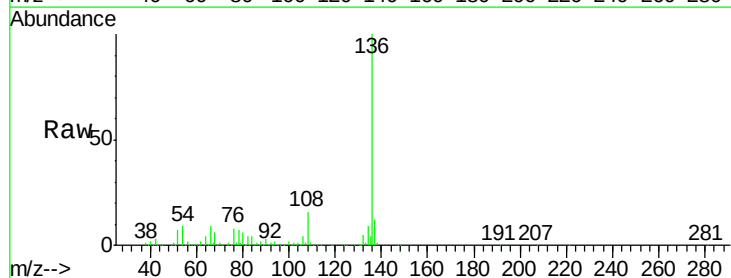
Ion Ratio Lower Upper

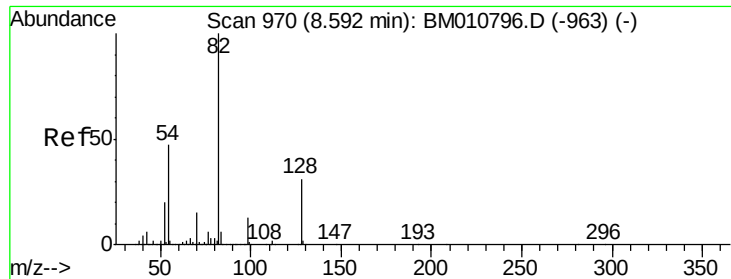
136 100

137 11.8 8.7 13.1

54 8.8 4.6 6.8#

68 5.9 3.7 5.5#

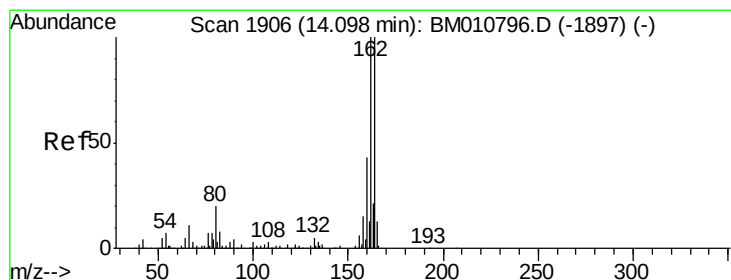
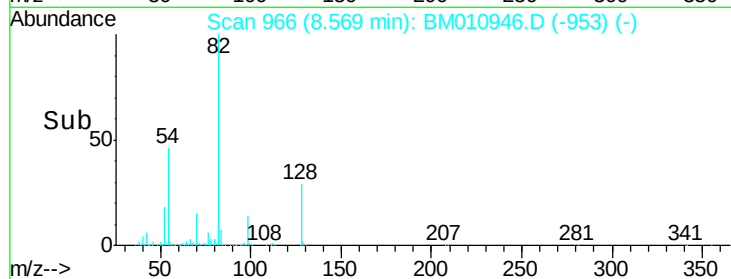
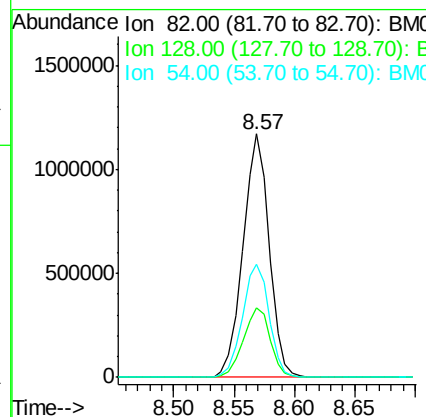
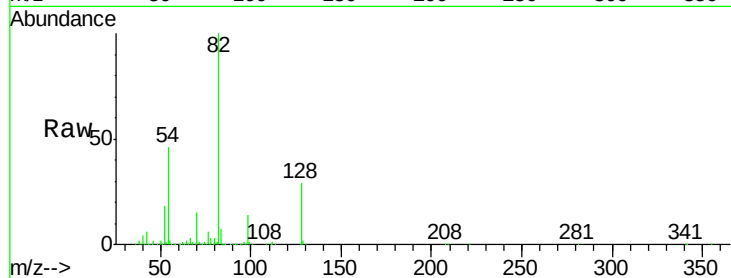




#23
 Nitrobenzene-d5
 Concen: 79.70 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010946.D
 Acq: 21 Jul 2017 21:24

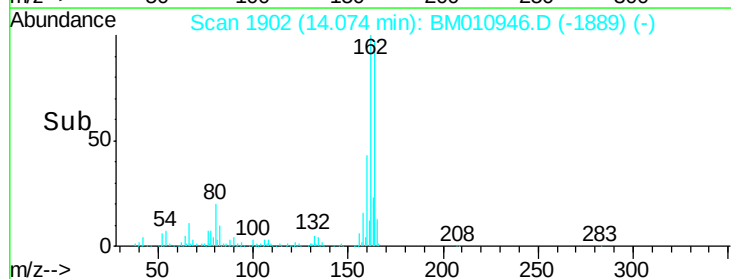
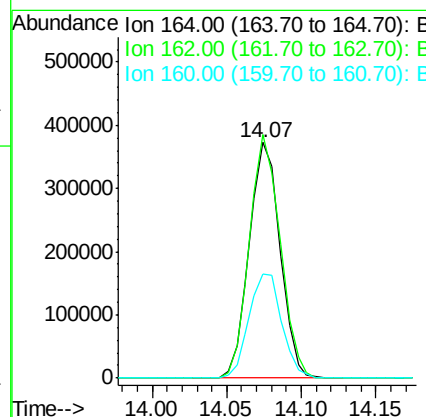
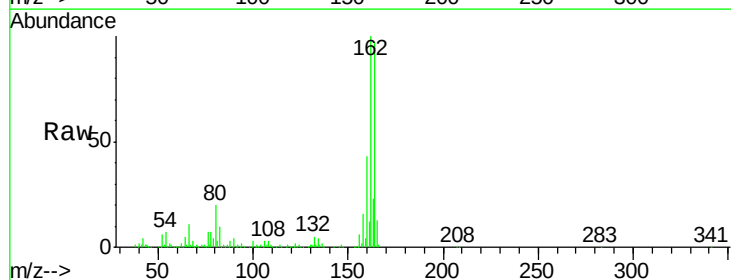
Instrument :
 BNA_M
 ClientSampleId :
 RINSEBLANK-SOIL

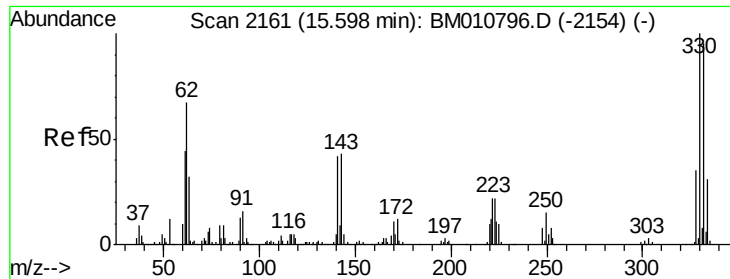
Tgt Ion: 82 Resp: 1770675
 Ion Ratio Lower Upper
 82 100
 128 28.7 32.8 49.2#
 54 46.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010946.D
 Acq: 21 Jul 2017 21:24

Tgt Ion: 164 Resp: 532541
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.4 123.6
 160 44.3 35.8 53.6

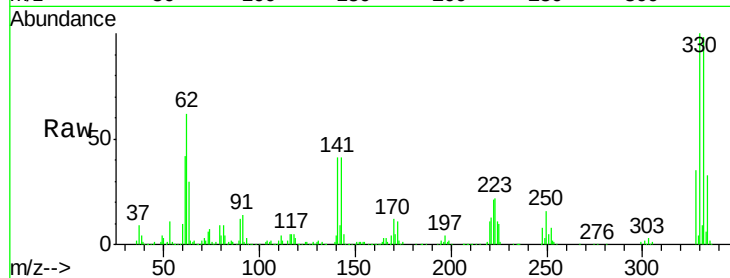




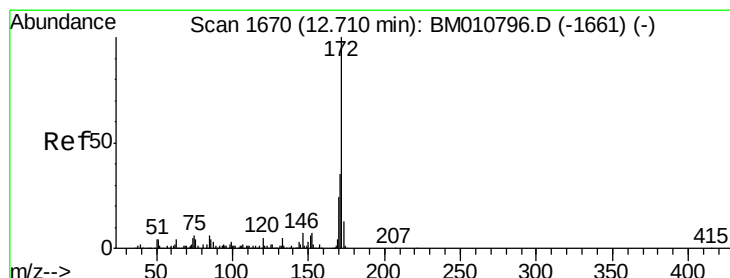
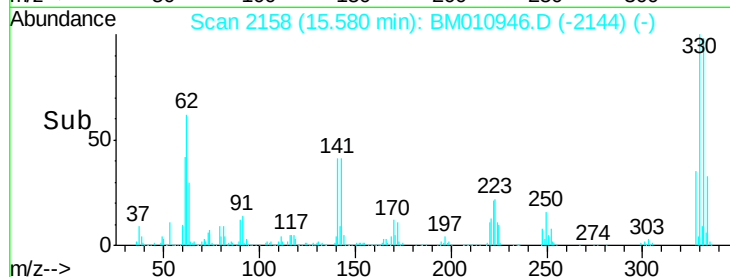
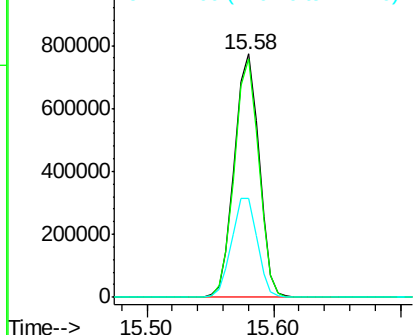
#41
 2,4,6-Tribromophenol
 Concen: 128.22 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010946.D
 Acq: 21 Jul 2017 21:24

Instrument :
 BNA_M
 ClientSampleId :
 RINSEBLANK-SOIL

Tgt Ion:330 Resp: 1043460
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 42.3 0.0 0.0#

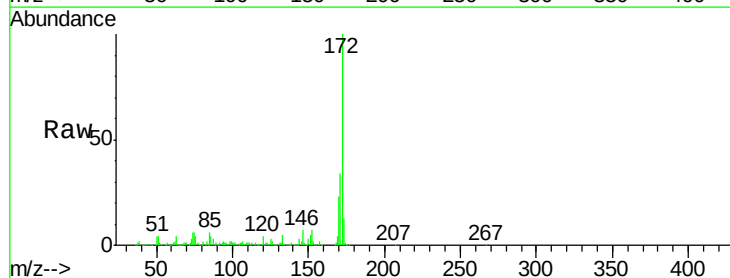


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

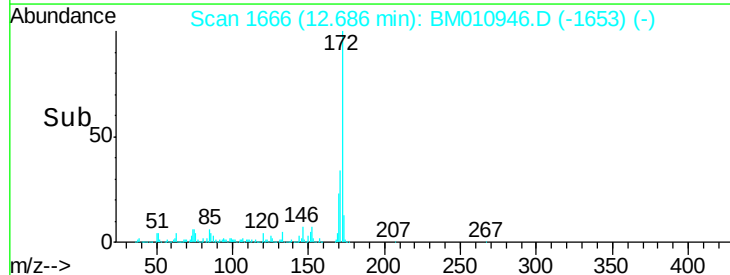
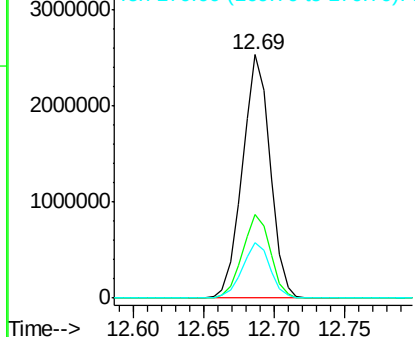


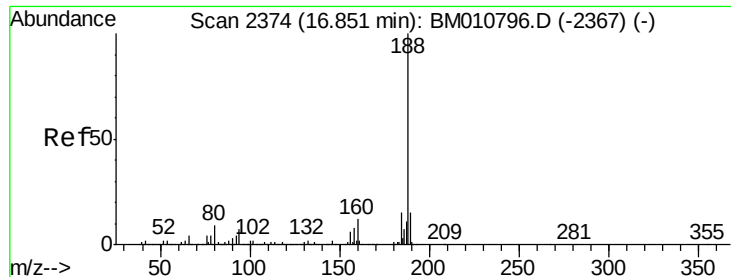
#44
 2-Fluorobiphenyl
 Concen: 81.07 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010946.D
 Acq: 21 Jul 2017 21:24

Tgt Ion:172 Resp: 3470388
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.0 18.8 28.2



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

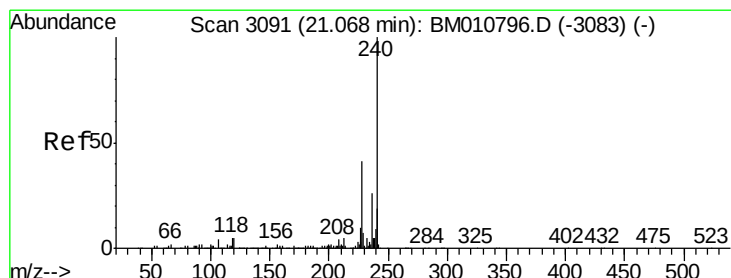
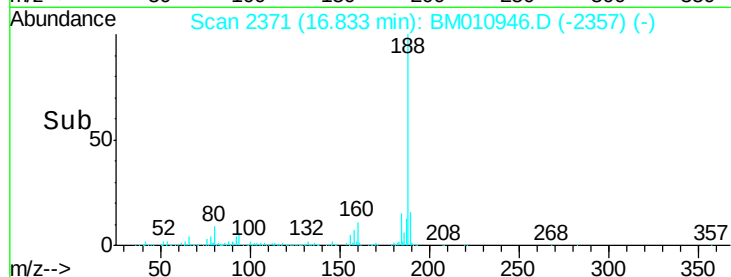
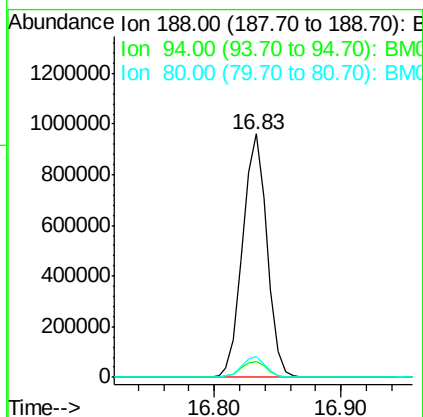
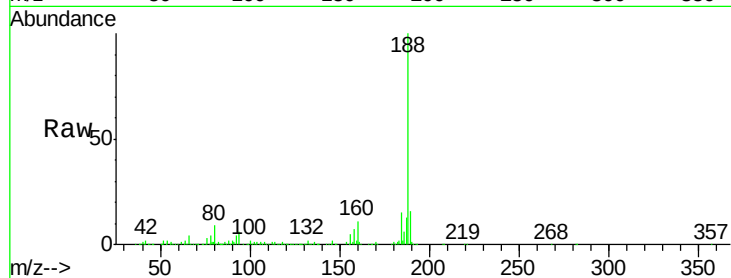




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010946.D
Acq: 21 Jul 2017 21:24

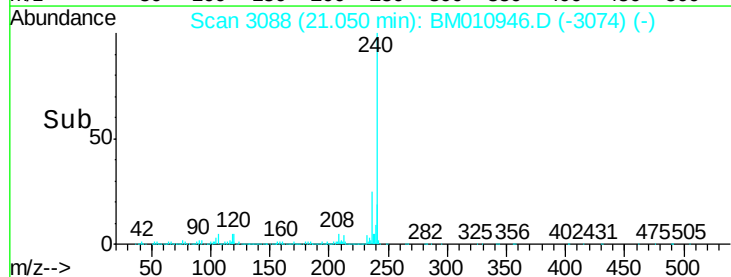
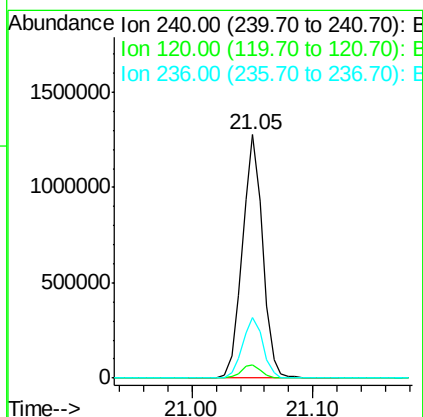
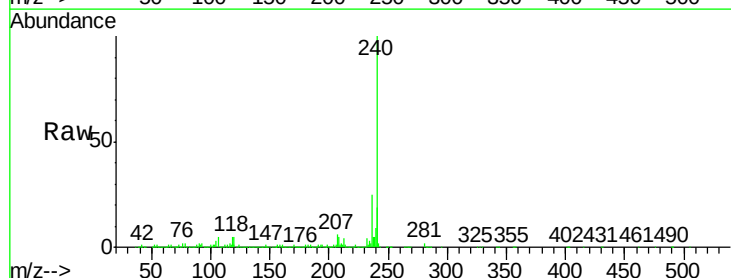
Instrument :
BNA_M
ClientSampleId :
RINSEBLANK-SOIL

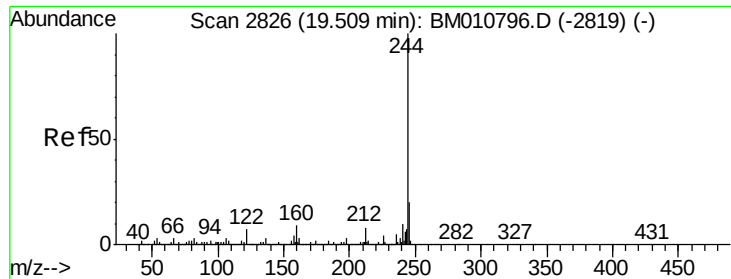
Tgt Ion:188 Resp: 1278448
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 8.6 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010946.D
Acq: 21 Jul 2017 21:24

Tgt Ion:240 Resp: 1498352
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 24.9 20.0 30.0





#78

Terphenyl-d14

Concen: 75.38 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010946.D

Acq: 21 Jul 2017 21:24

Instrument :

BNA_M

ClientSampleId :

RINSEBLANK-SOIL

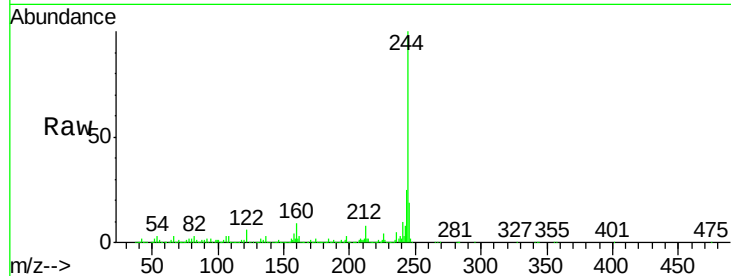
Tgt Ion:244 Resp: 5839722

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

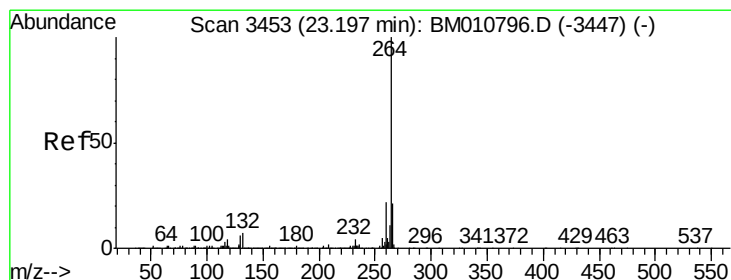
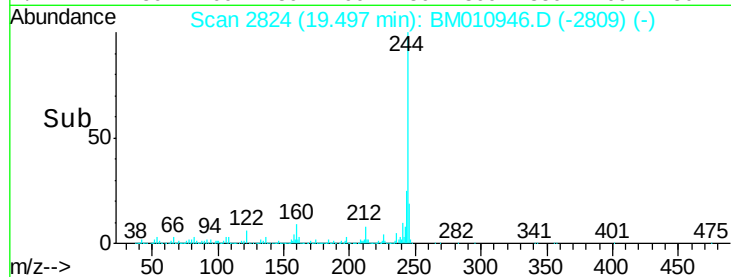
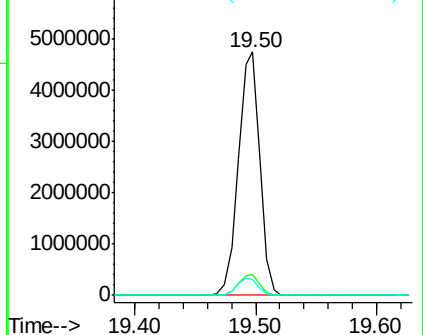
122 6.5 6.2 9.4



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: 20.00 ng

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010946.D

Acq: 21 Jul 2017 21:24

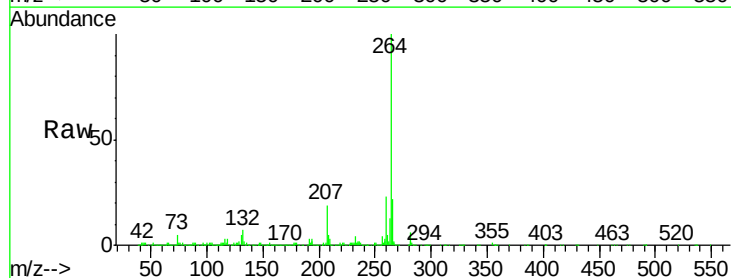
Tgt Ion:264 Resp: 1368242

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 17.3 25.9



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

