

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018888.D
 Acq On : 20 Feb 2019 17:51
 Operator : JU/SJ
 Sample : K1527-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-PILE

Quant Time: Feb 21 01:18:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

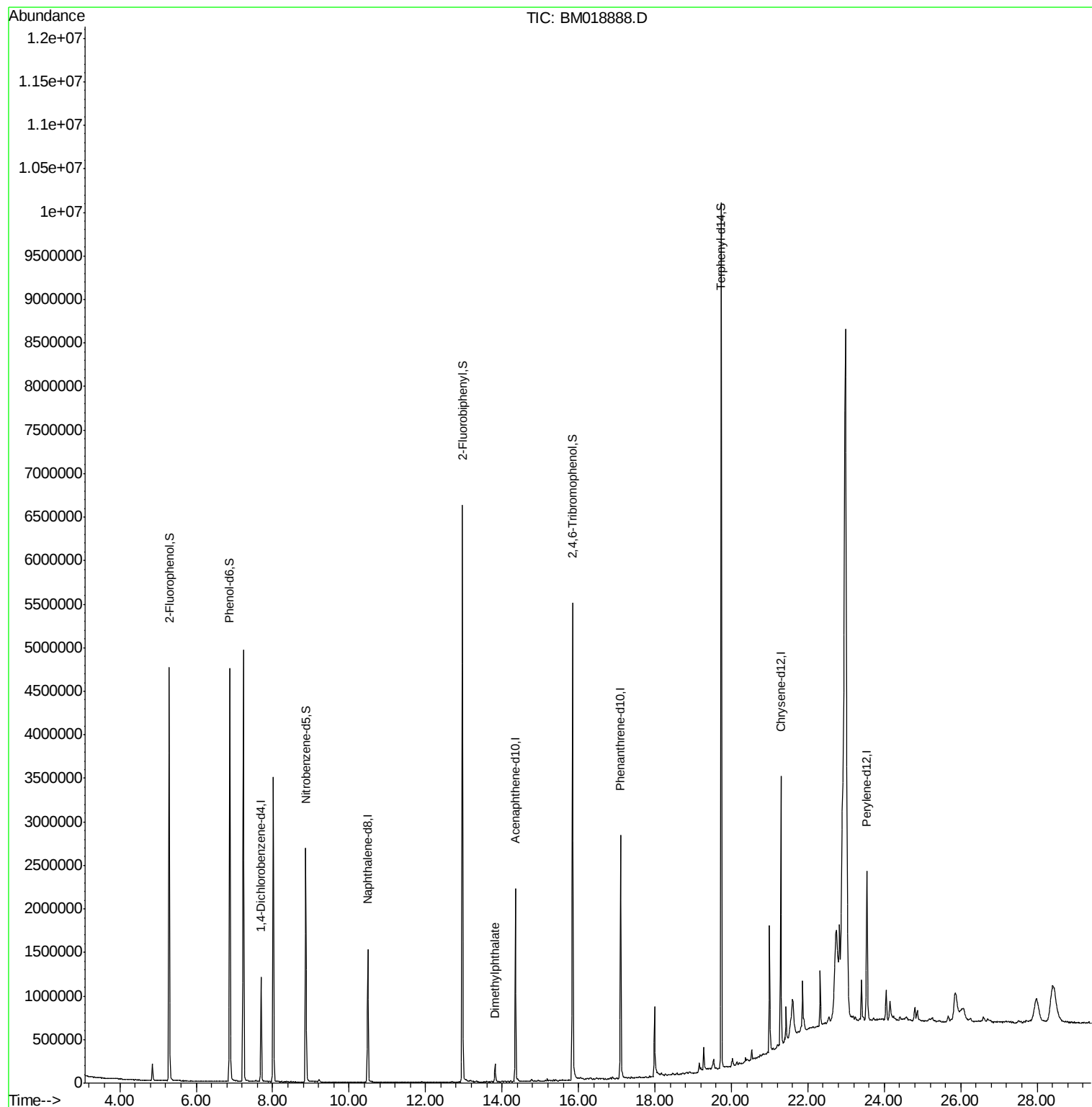
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	305026	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1258420	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	711452	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1583301	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	1345066	20.00	ng	-0.02
87) Perylene-d12	23.55	264	1214976	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1898422	101.98	ng	-0.01
7) Phenol-d6	6.87	99	2675469	102.02	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1733368	63.69	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	988436	96.38	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3234980	60.36	ng	-0.02
79) Terphenyl-d14	19.73	244	4541388	69.65	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.82	163	144772	2.442	ng	Qvalue 98

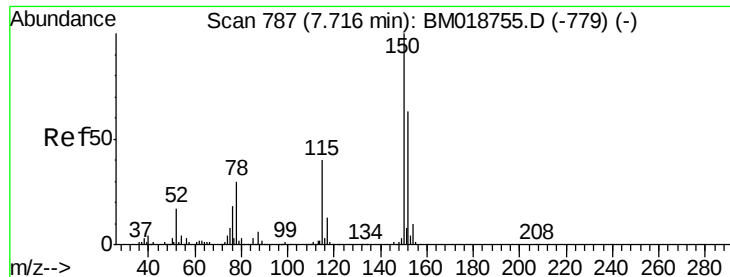
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
Data File : BM018888.D
Acq On : 20 Feb 2019 17:51
Operator : JU/SJ
Sample : K1527-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

Quant Time: Feb 21 01:18:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration



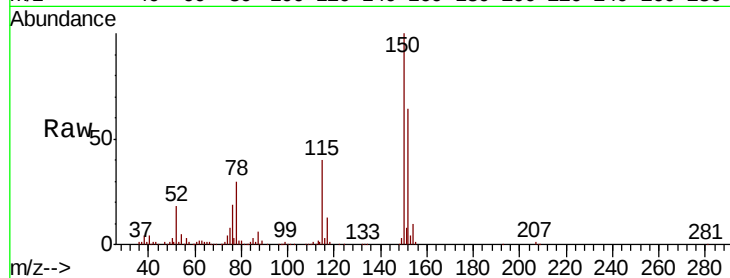


#1

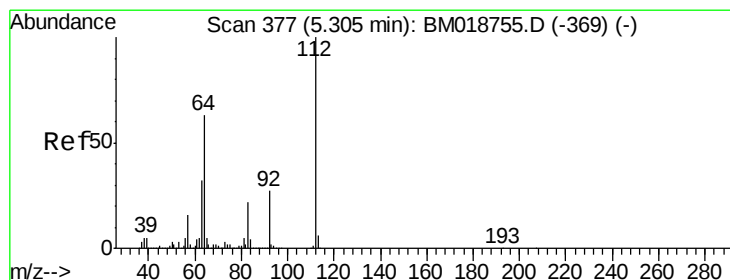
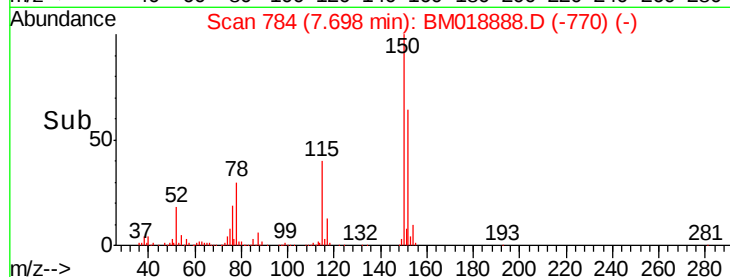
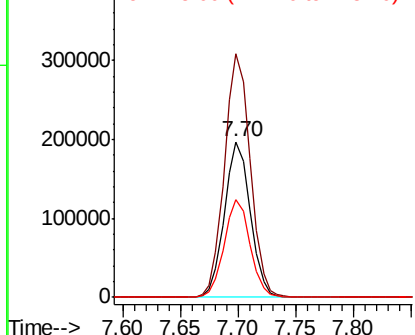
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

Tot Ion:152 Resp: 305026
Ion Ratio Lower Upper
152 100
150 156.3 127.3 190.9
115 62.7 50.8 76.2



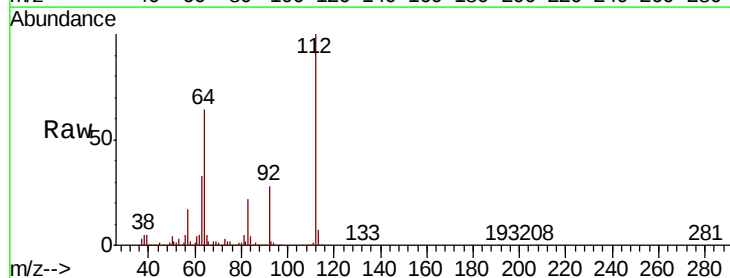
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



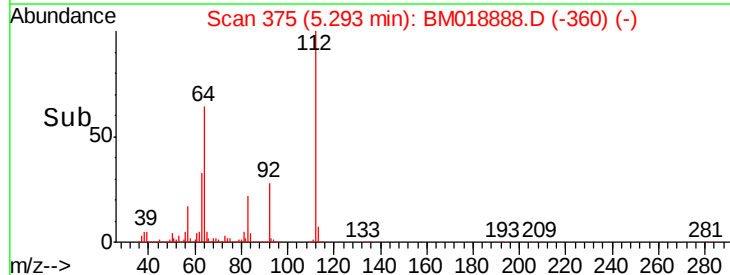
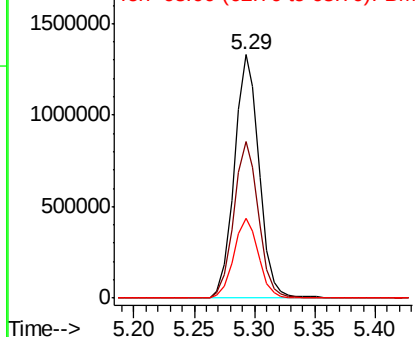
#5

2-Fluorophenol
Concen: 101.975 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Tgt Ion:112 Resp: 1898422
Ion Ratio Lower Upper
112 100
64 64.1 50.6 75.8
63 32.6 25.7 38.5



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: 102.016 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

Instrument :

BNA_M

ClientSampleId :

SOIL-PILE

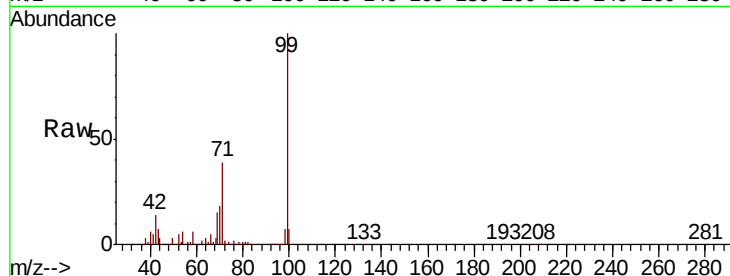
Tot Ion: 99 Resp: 2675469

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.9	31.3	46.9

99 100

42 14.1 11.0 16.6

71 38.9 31.3 46.9

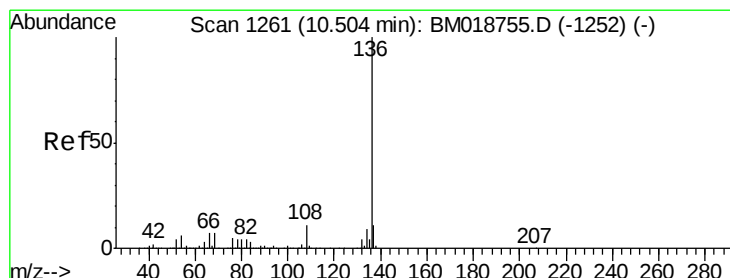
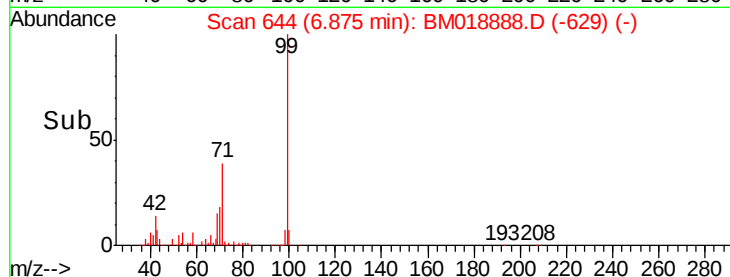
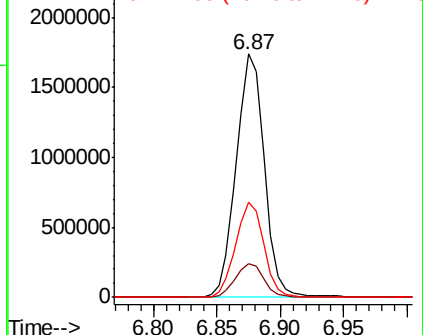


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

Tgt Ion: 136 Resp: 1258420

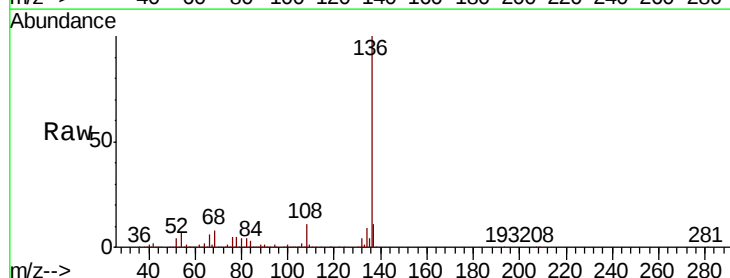
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.0	7.6
68	7.6	5.5	8.3

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.6 5.5 8.3



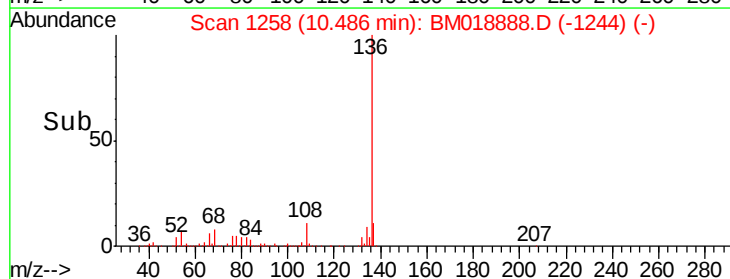
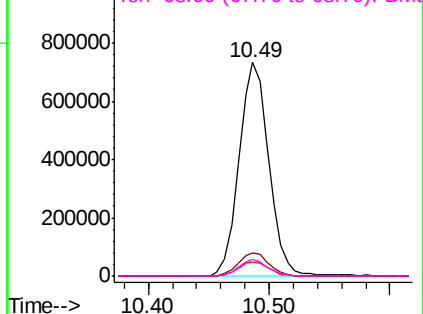
Abundance

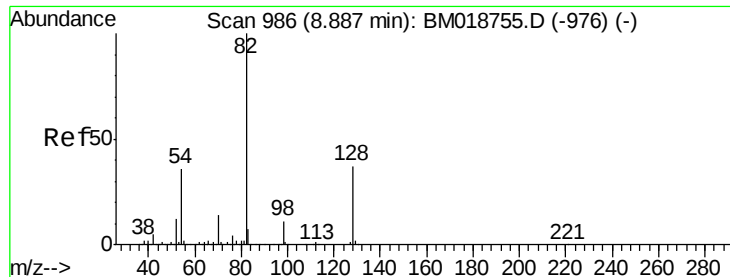
Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

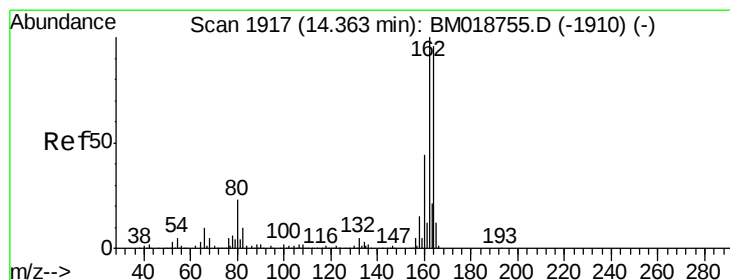
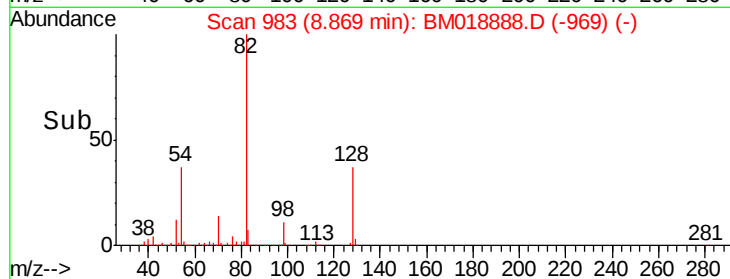
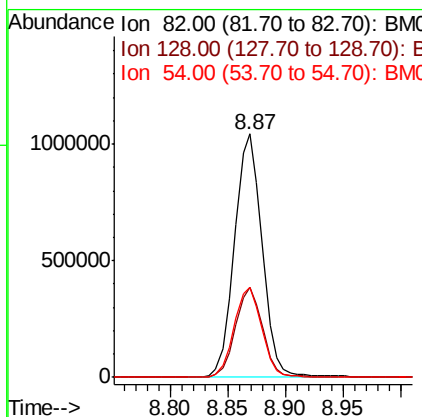
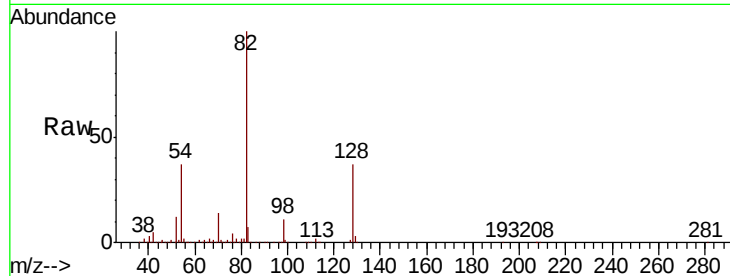




#23
Nitrobenzene-d5
Concen: 63.690 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

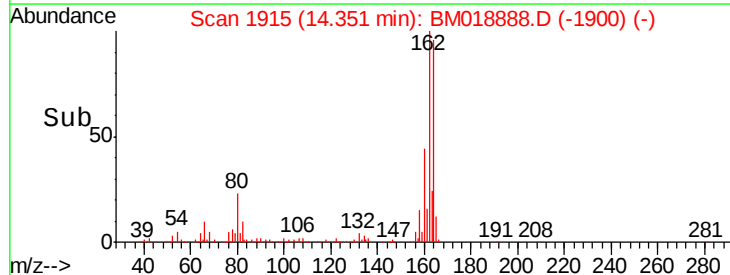
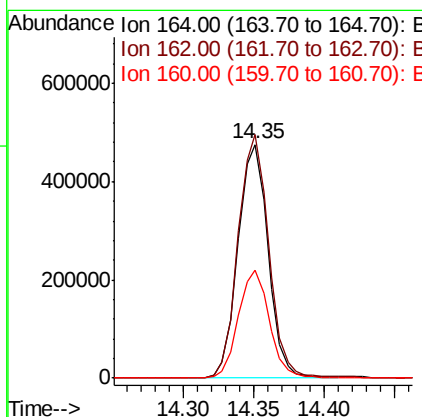
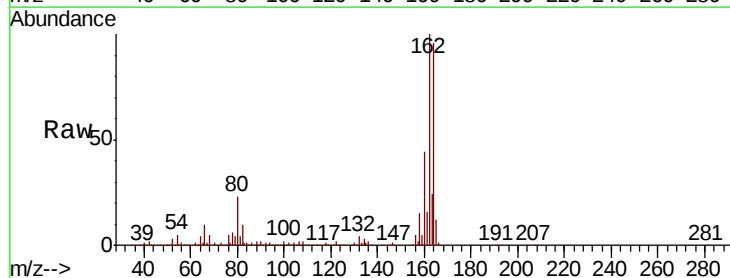
Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

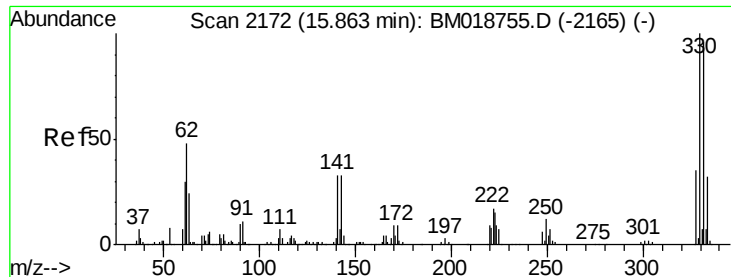
Tot Ion: 82 Resp: 1733368
Ion Ratio Lower Upper
82 100
128 36.9 29.9 44.9
54 36.7 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Tgt Ion:164 Resp: 711452
Ion Ratio Lower Upper
164 100
162 104.1 83.4 125.0
160 46.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 96.382 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

Instrument :

BNA_M

ClientSampleId :

SOIL-PILE

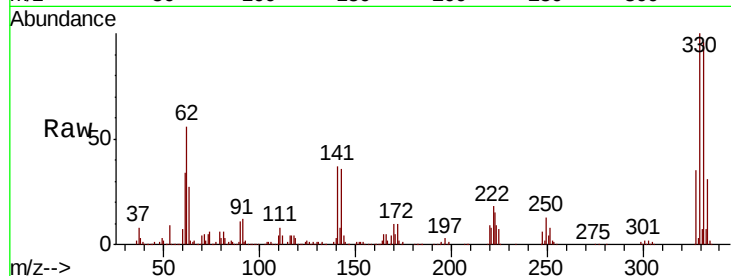
Tot Ion:330 Resp: 988436

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

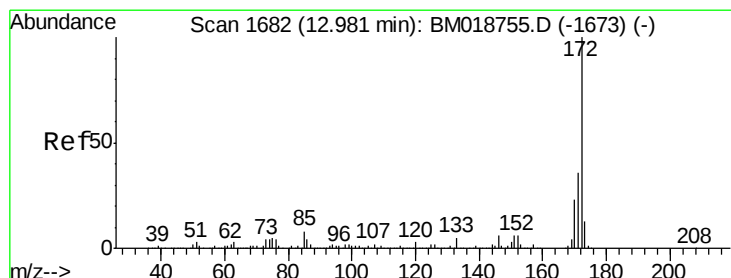
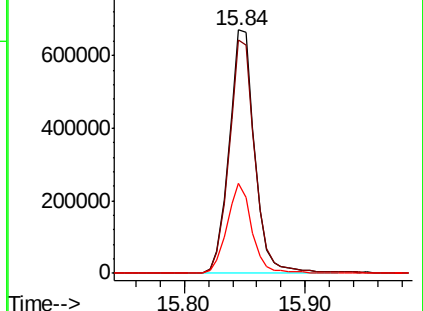
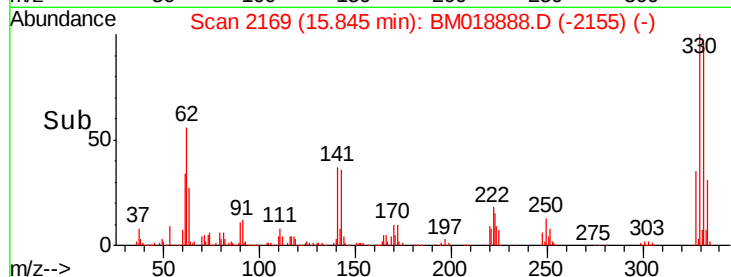
141 36.1 28.7 43.1



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: 60.360 ng

RT: 12.96 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

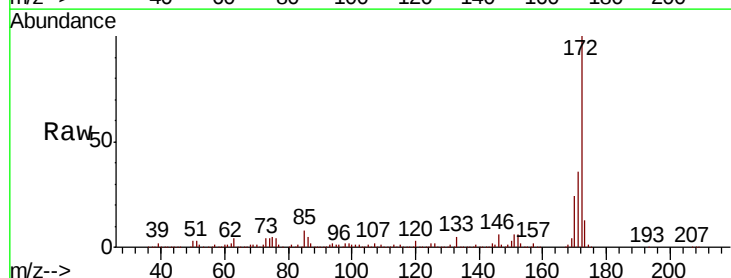
Tgt Ion:172 Resp: 3234980

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

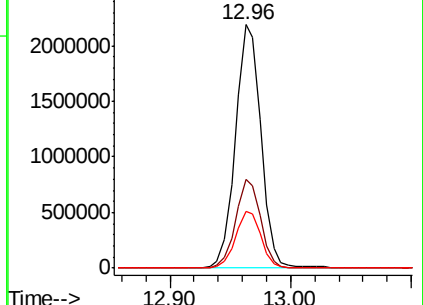
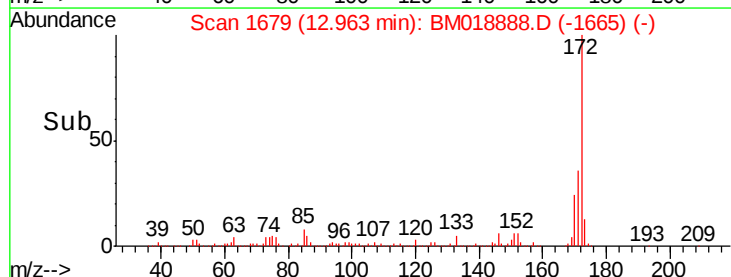
170 23.5 18.6 28.0

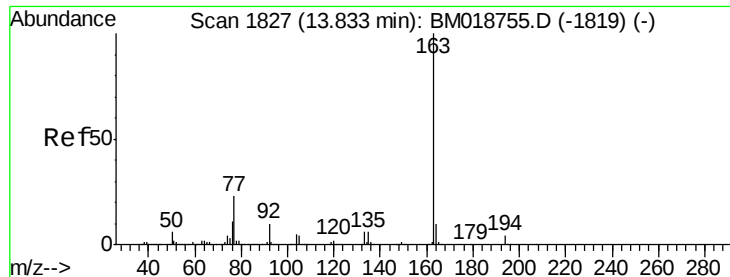


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.442 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

Instrument :

BNA_M

ClientSampleId :

SOIL-PILE

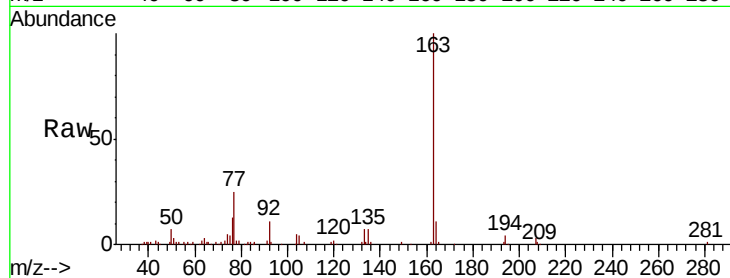
Tot Ion:163 Resp: 144772

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

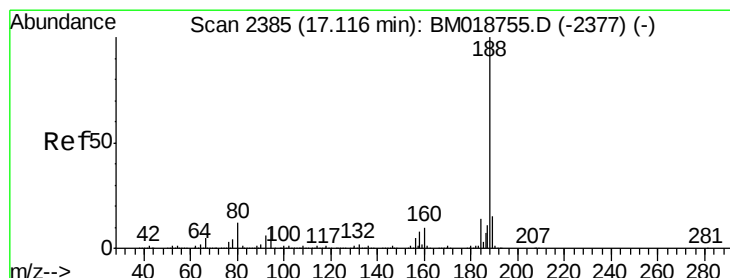
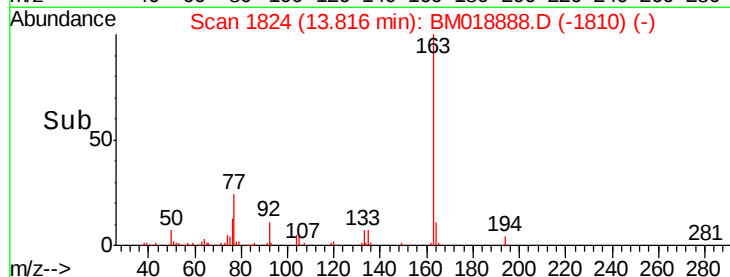
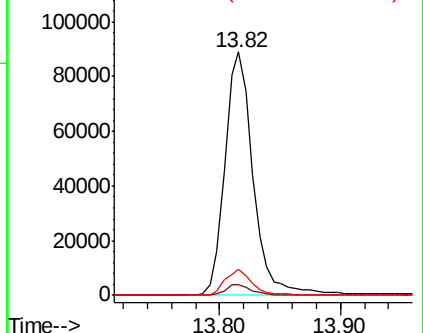
164 10.8 7.8 11.8



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM018888.D

Acq: 20 Feb 2019 17:51

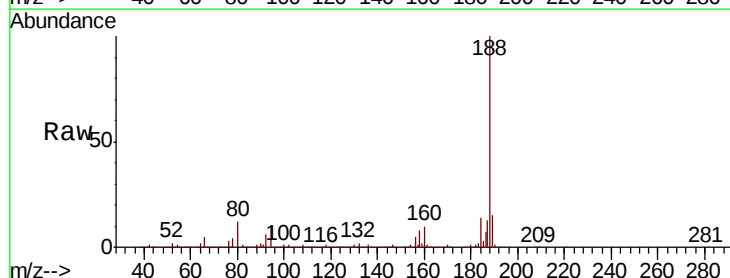
Tgt Ion:188 Resp: 1583301

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

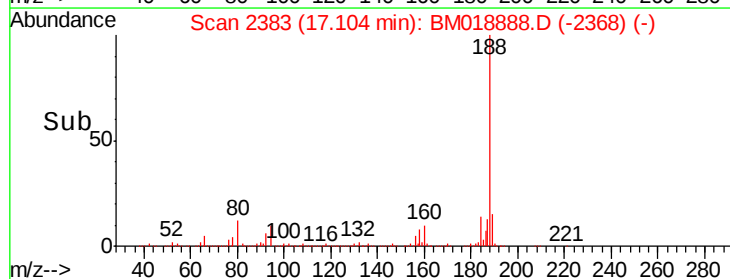
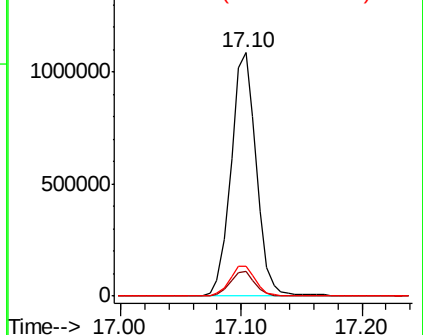
80 12.5 9.7 14.5

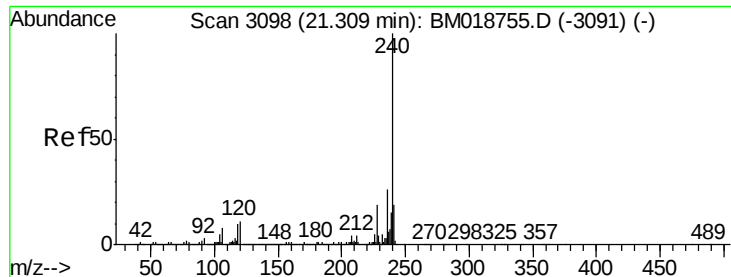


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

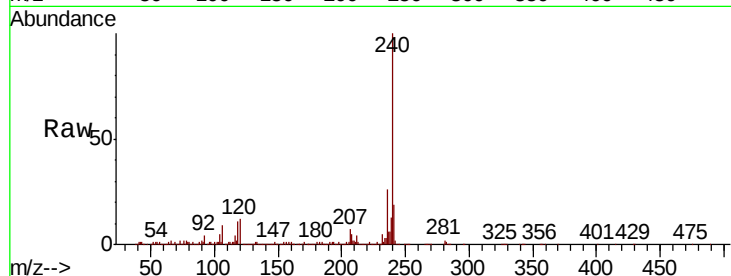




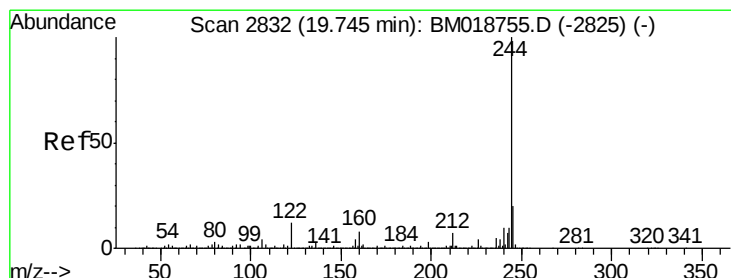
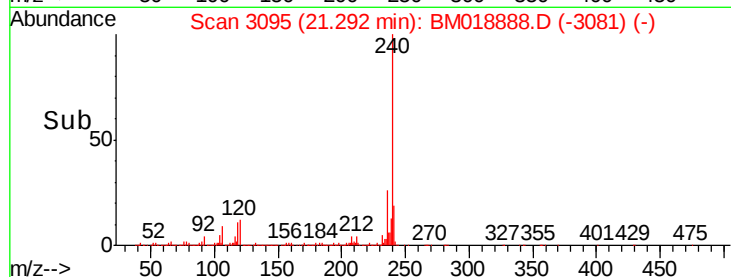
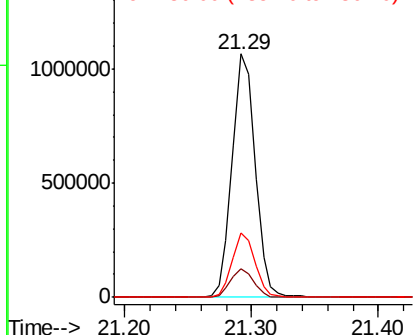
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BM018888.D
 Acq: 20 Feb 2019 17:51

Instrument :
 BNA_M
 ClientSampleID :
 SOIL-PILE

Tot Ion:240 Resp: 1345066
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.9 13.3
 236 26.3 20.9 31.3

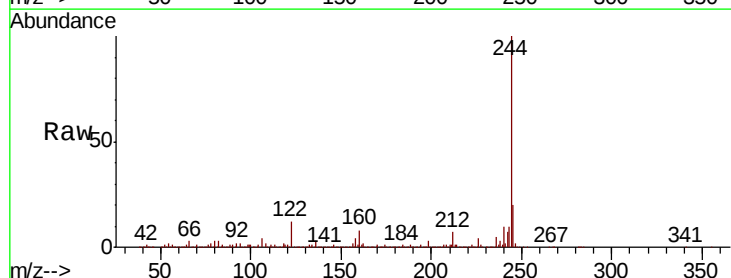


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

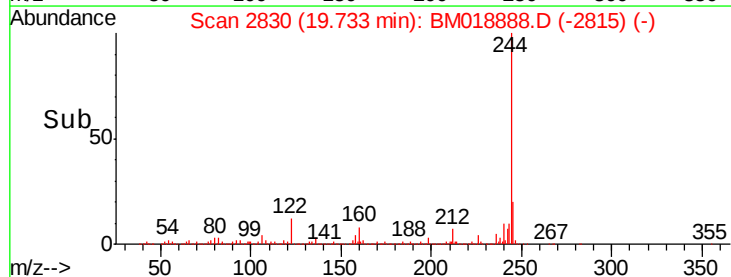
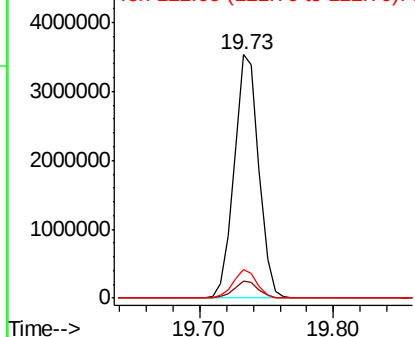


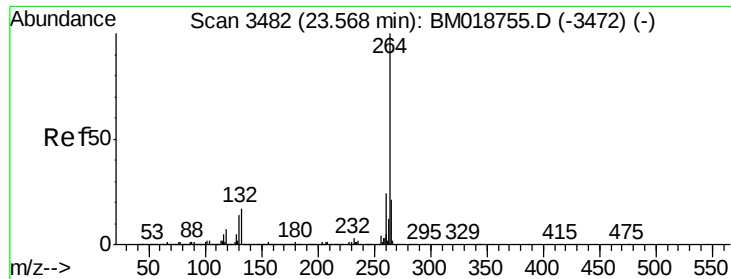
#79
 Terphenyl-d14
 Concen: 69.650 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018888.D
 Acq: 20 Feb 2019 17:51

Tgt Ion:244 Resp: 4541388
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.6 9.3 13.9



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
Pervlene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

Tot Ion:264 Resp: 1214976

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.8	17.3	25.9

