

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 00:45:04 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

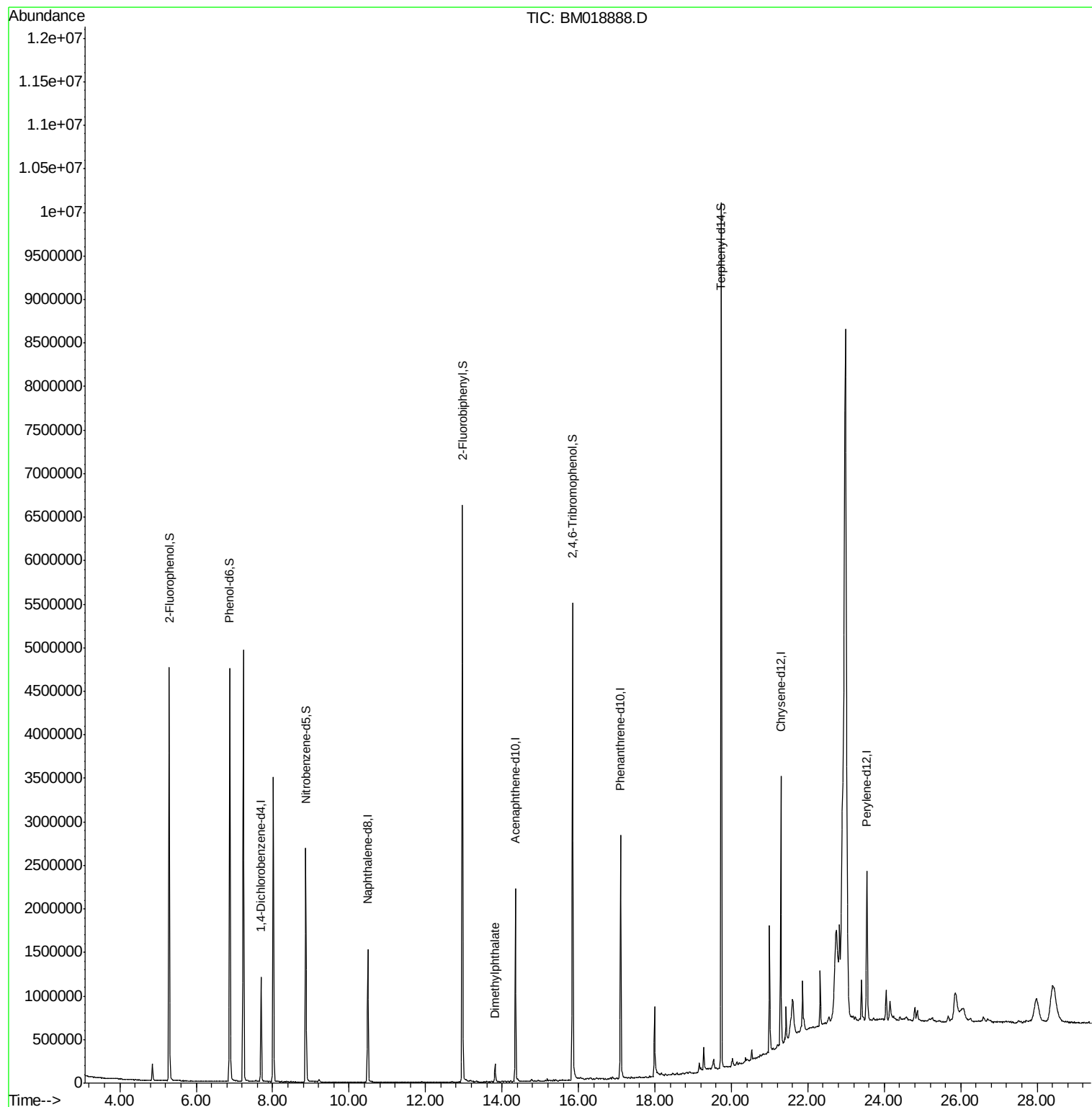
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	305026	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1258420	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	711452	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1583301	20.00	ng	-0.01
76) Chrysene-d12	21.29	240	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						
9) Benzaldehyde	6.88	77	6718	Below Cal	Qvalue #	12
50) Dimethylphthalate	13.82	163	144772	2.442 ng		98

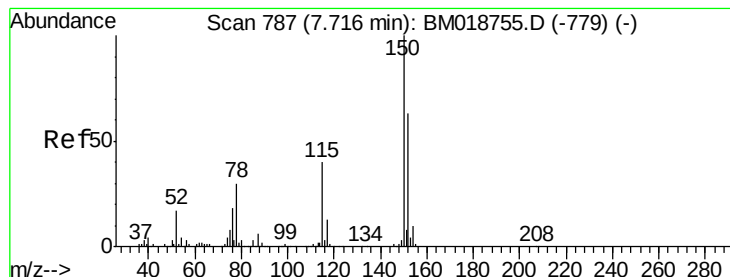
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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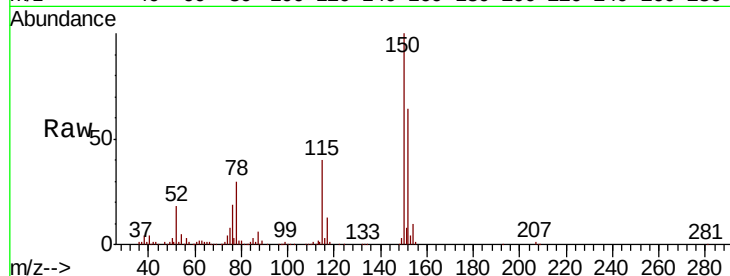


#1

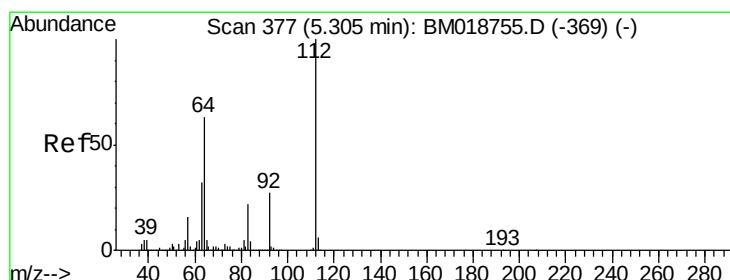
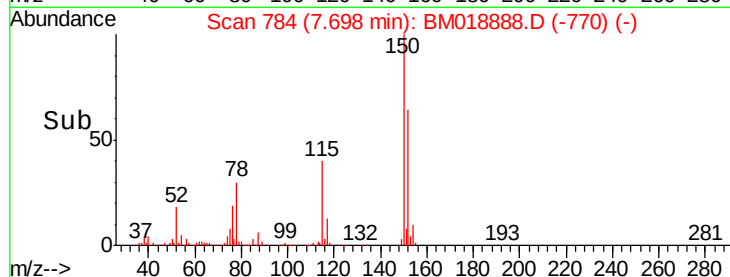
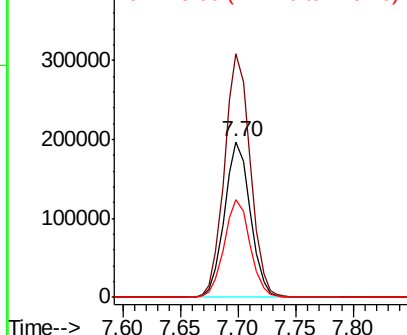
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

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



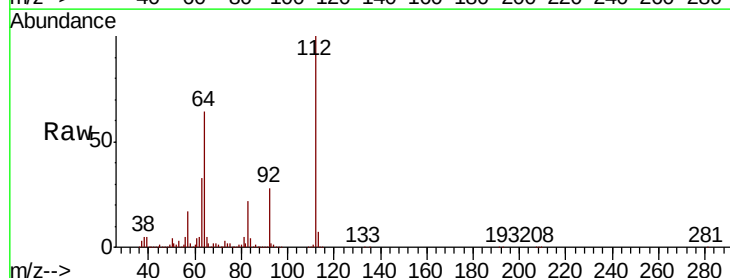
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



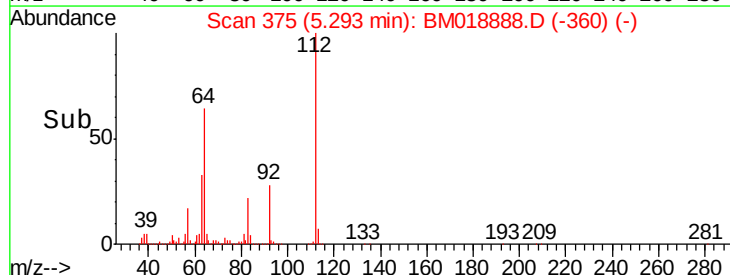
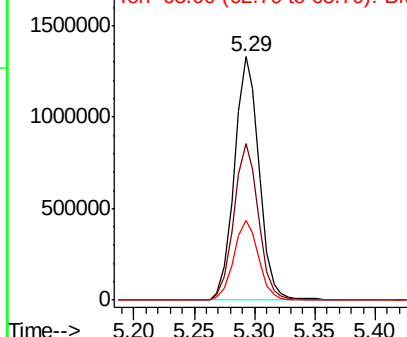
#5

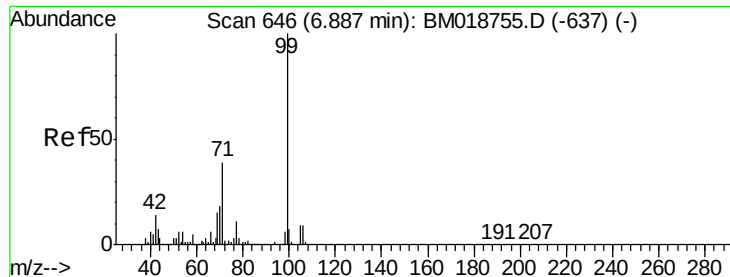
2-Fluorophenol
Concen: 101.975 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

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

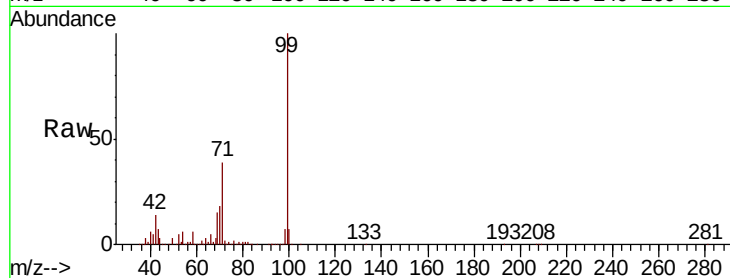
Tgt Ion: 99 Resp: 2675469

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

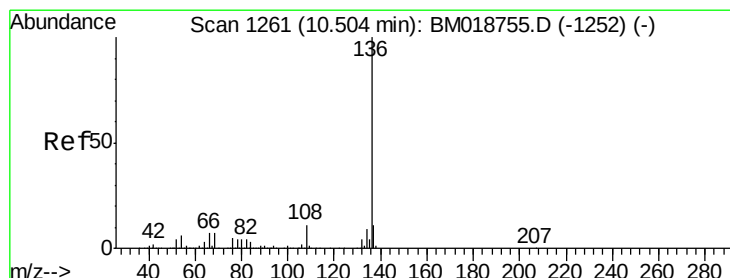
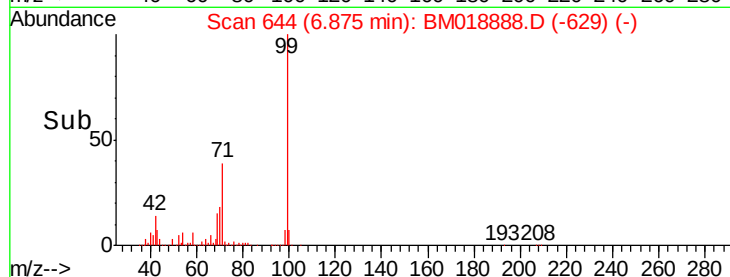
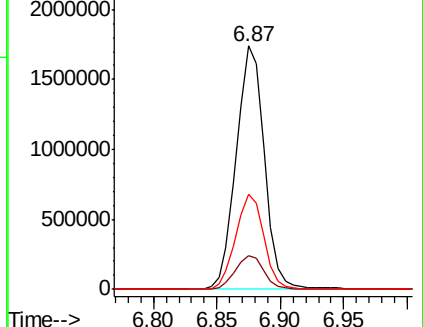
71 38.9 31.3 46.9



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

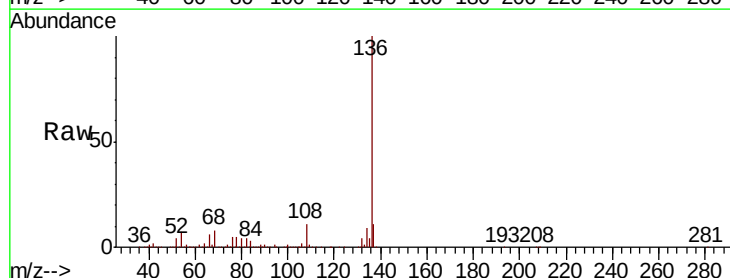
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.9 5.0 7.6

68 7.6 5.5 8.3

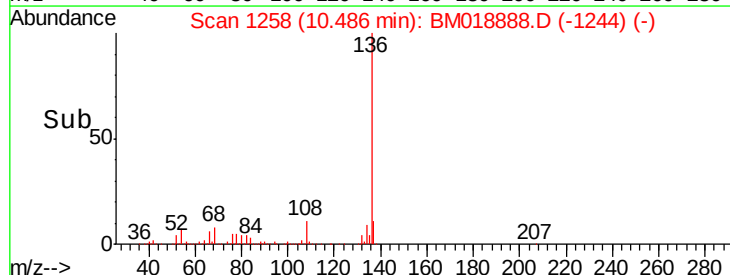
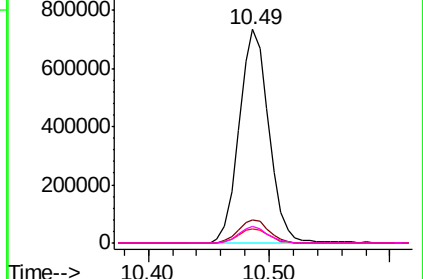


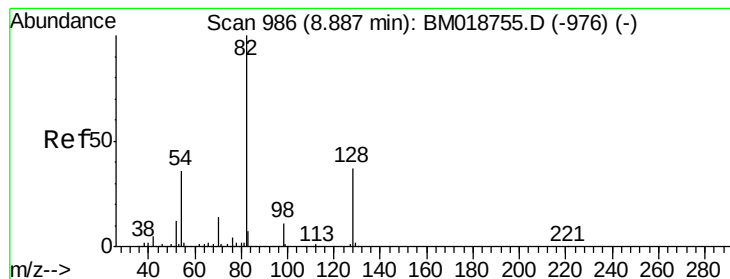
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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

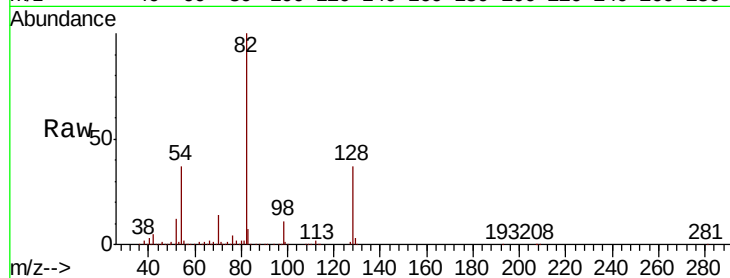
Tgt Ion: 82 Resp: 1733368

Ion Ratio Lower Upper

82 100

128 36.9 29.9 44.9

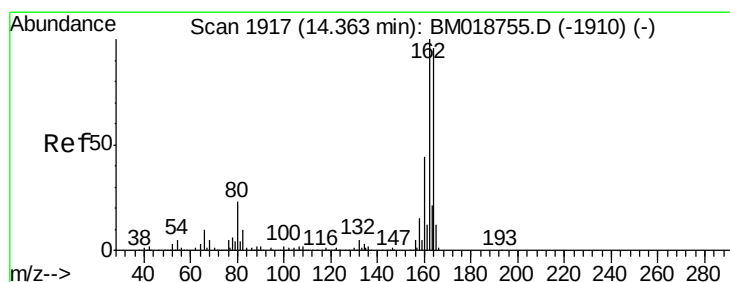
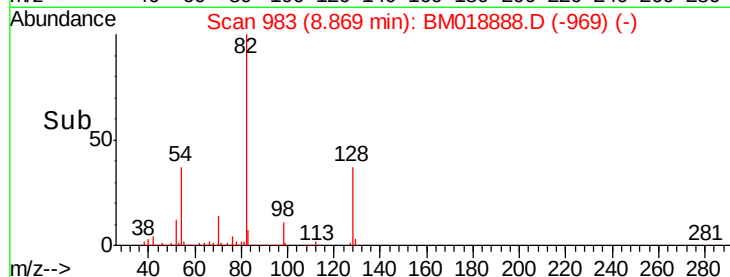
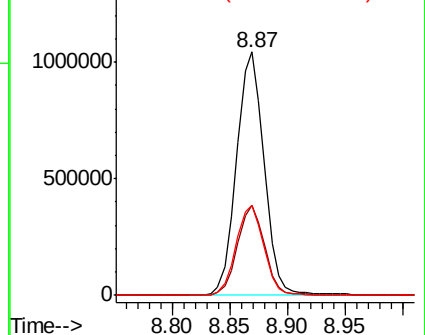
54 36.7 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#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

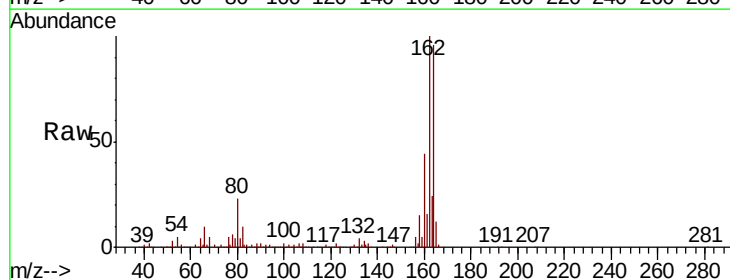
Tgt Ion: 164 Resp: 711452

Ion Ratio Lower Upper

164 100

162 104.1 83.4 125.0

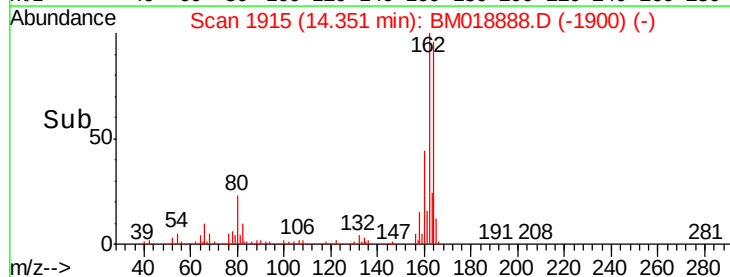
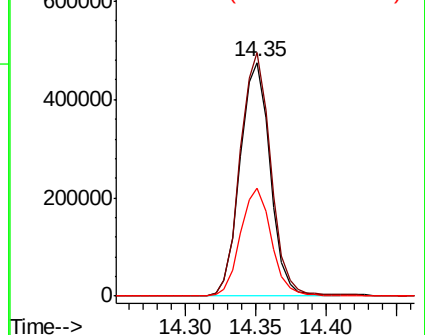
160 46.1 36.6 55.0

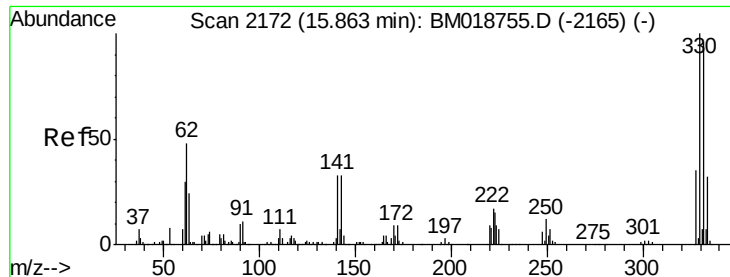


Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)

Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)

Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#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

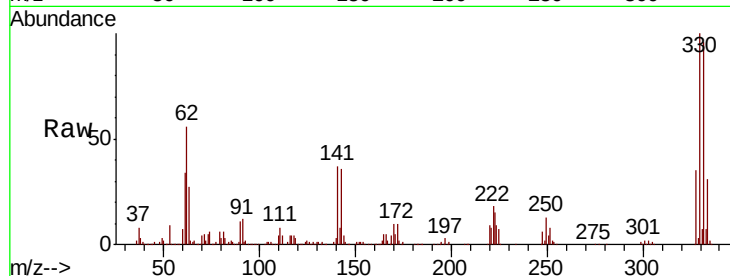
Tgt Ion:330 Resp: 988436

Ion Ratio Lower Upper

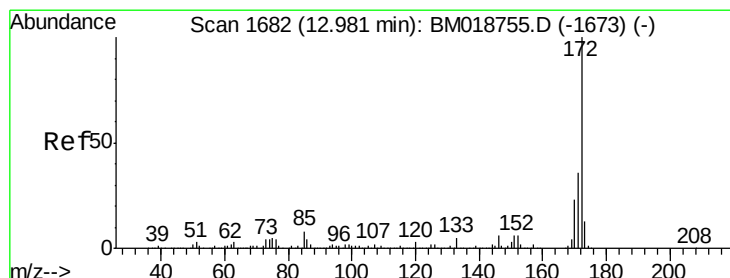
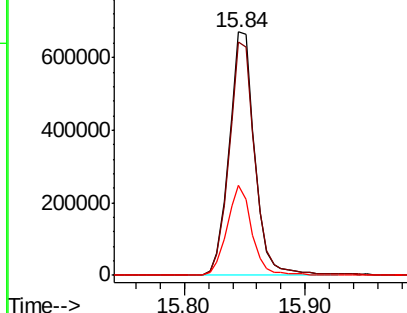
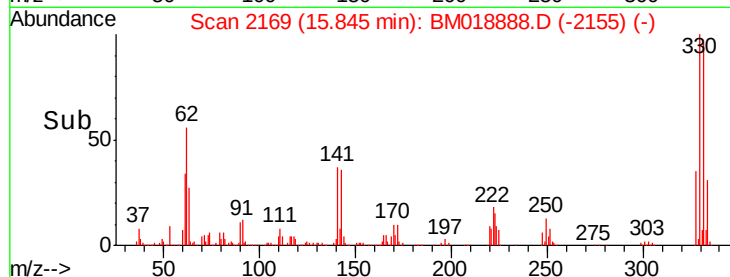
330 100

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

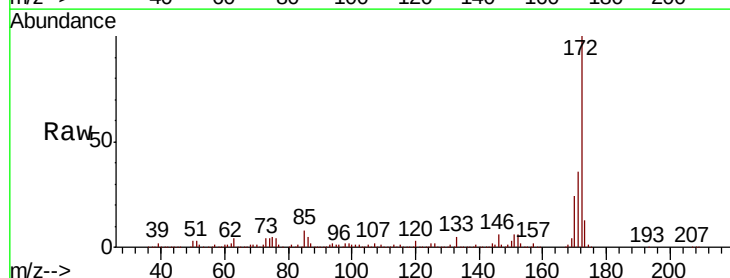
Tgt Ion:172 Resp: 3234980

Ion Ratio Lower Upper

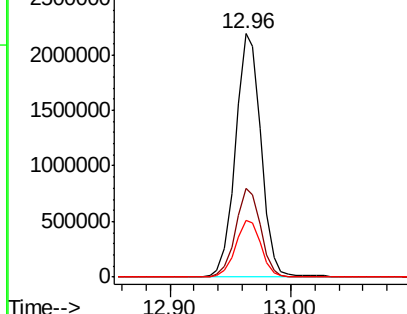
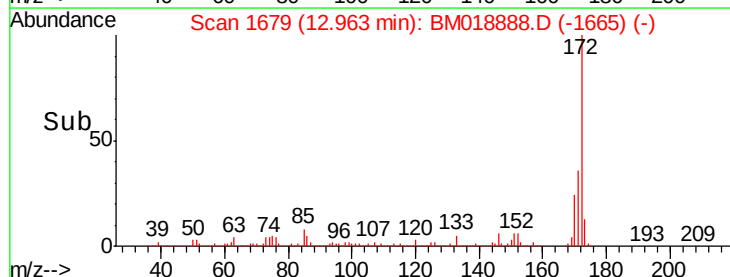
172 100

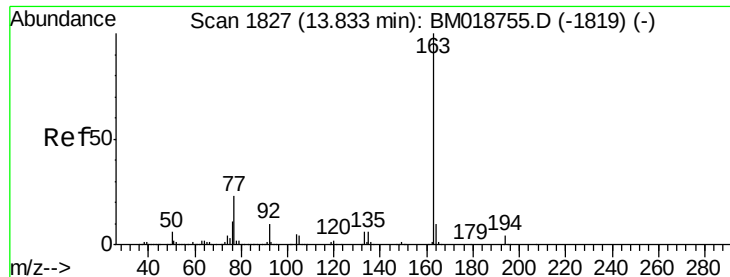
171 36.3 29.0 43.6

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

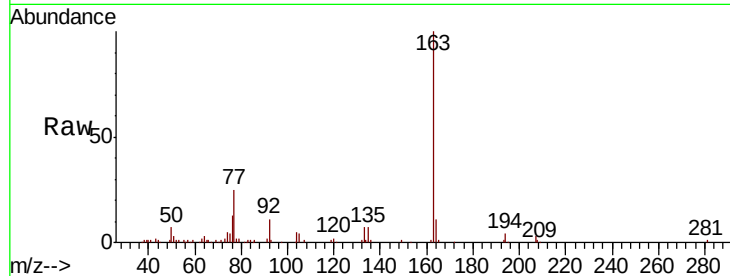
Tgt Ion:163 Resp: 144772

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.8 7.8 11.8

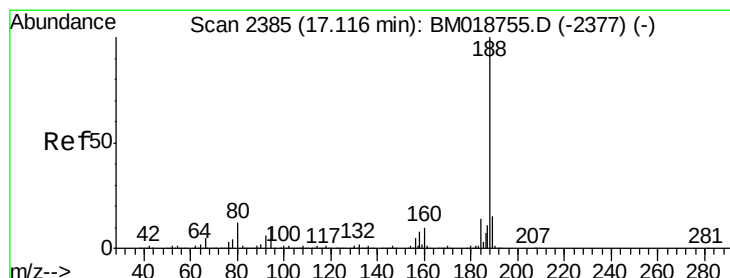
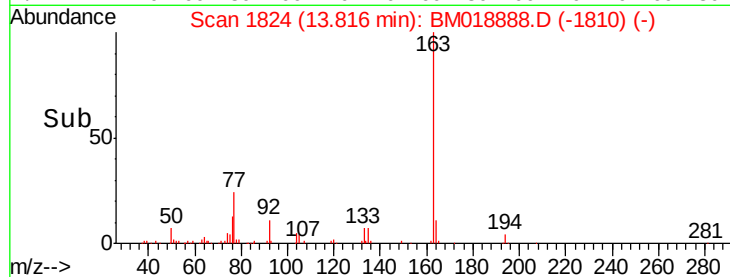
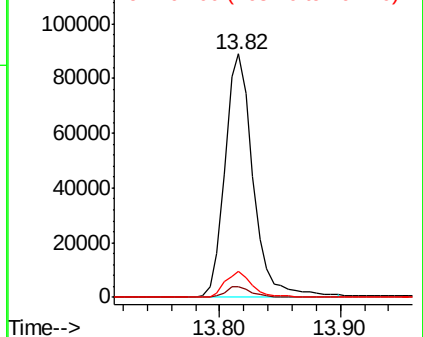


Abundance

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

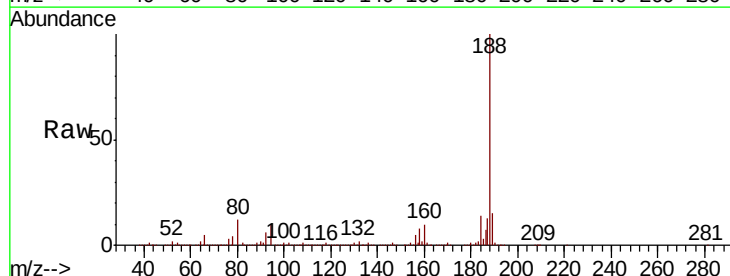
Tgt Ion:188 Resp: 1583301

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

80 12.5 9.7 14.5

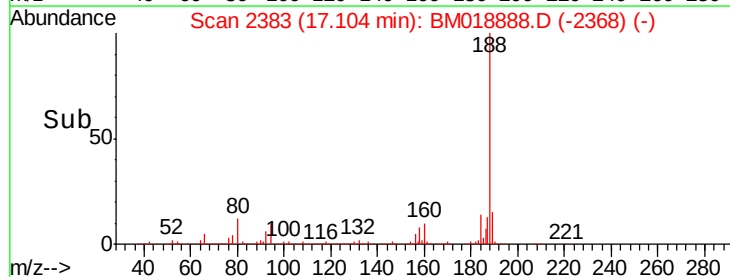
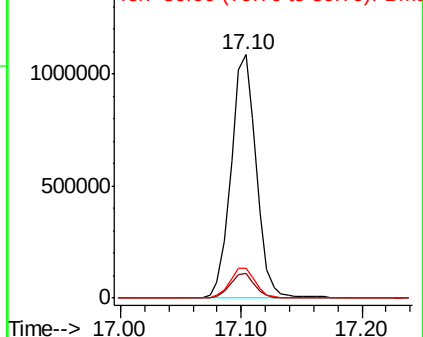


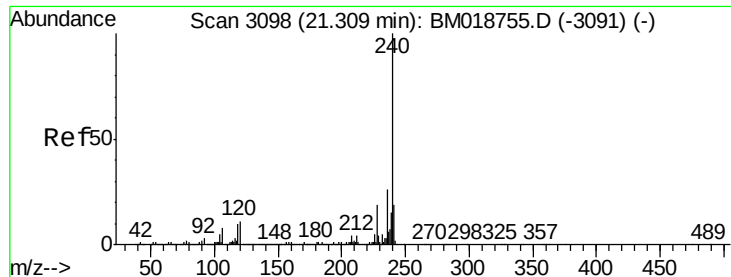
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

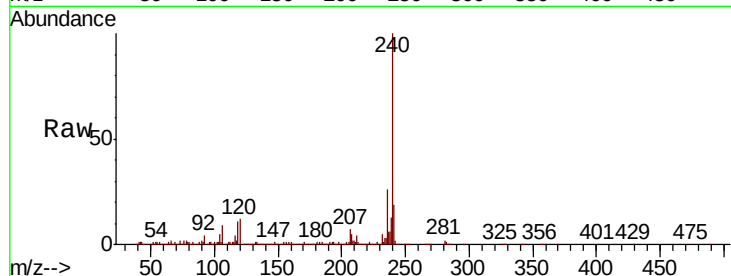




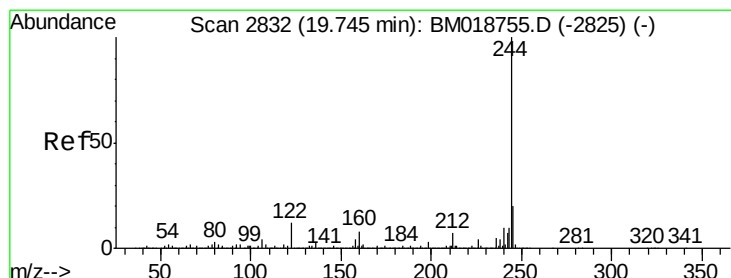
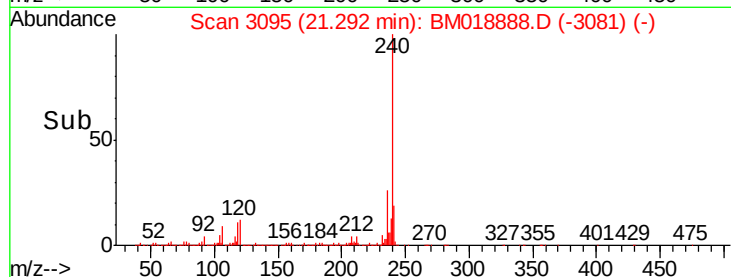
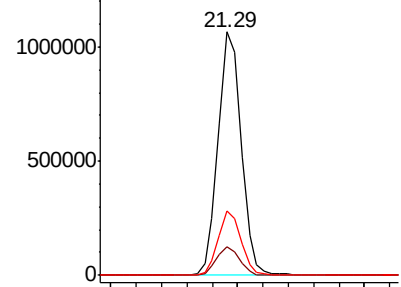
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Instrument :
BNA_M
ClientSampled :
SOIL-PILE

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

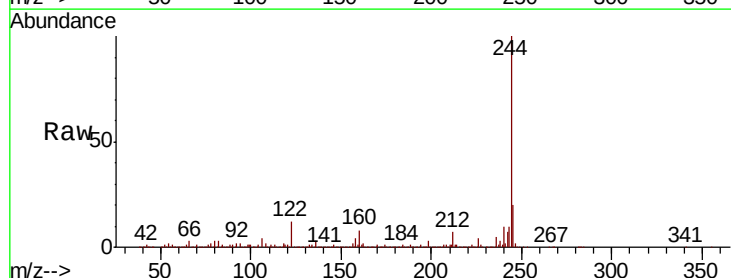


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

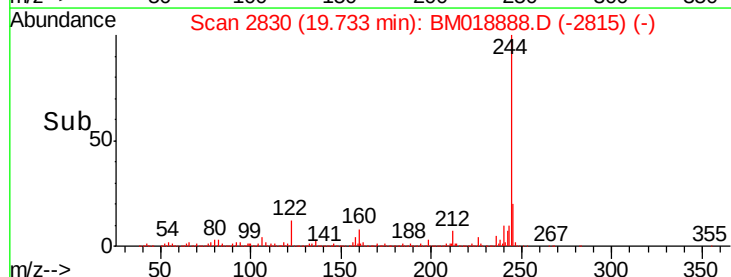
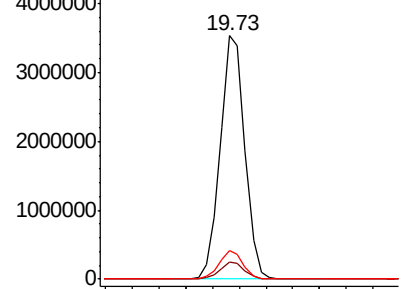


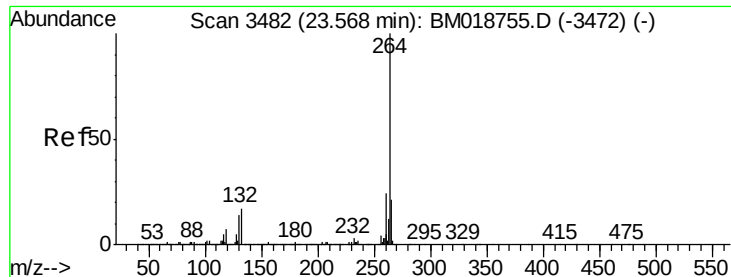
#79
Terphenyl-d14
Concen: 69.650 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

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



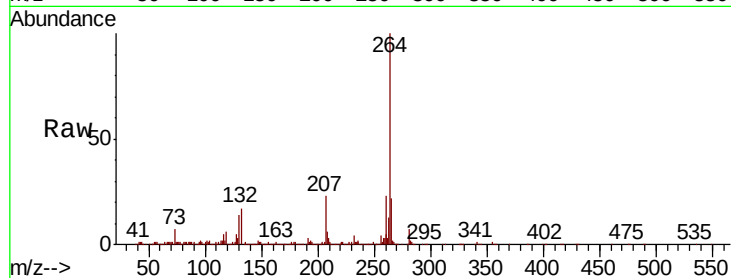


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018888.D
Acq: 20 Feb 2019 17:51

Instrument :
BNA_M
ClientSampleId :
SOIL-PILE

Tgt Ion: 264 Resp: 1214976

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
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

