

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020533.D
 Acq On : 24 May 2019 01:35
 Operator : JU/SJ
 Sample : K2978-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-SOIL

Quant Time: May 24 03:47:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	46138	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	143908	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	83351	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	206554	20.00	ng	0.00
76) Chrysene-d12	21.27	240	246302	20.00	ng	-0.01
87) Perylene-d12	23.52	264	310563	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	367868	130.33	ng	0.00
7) Phenol-d6	6.85	99	427054	110.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	322693	88.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	213161	164.76	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	612136	90.36	ng	0.00
79) Terphenyl-d14	19.71	244	1246909	88.30	ng	-0.01

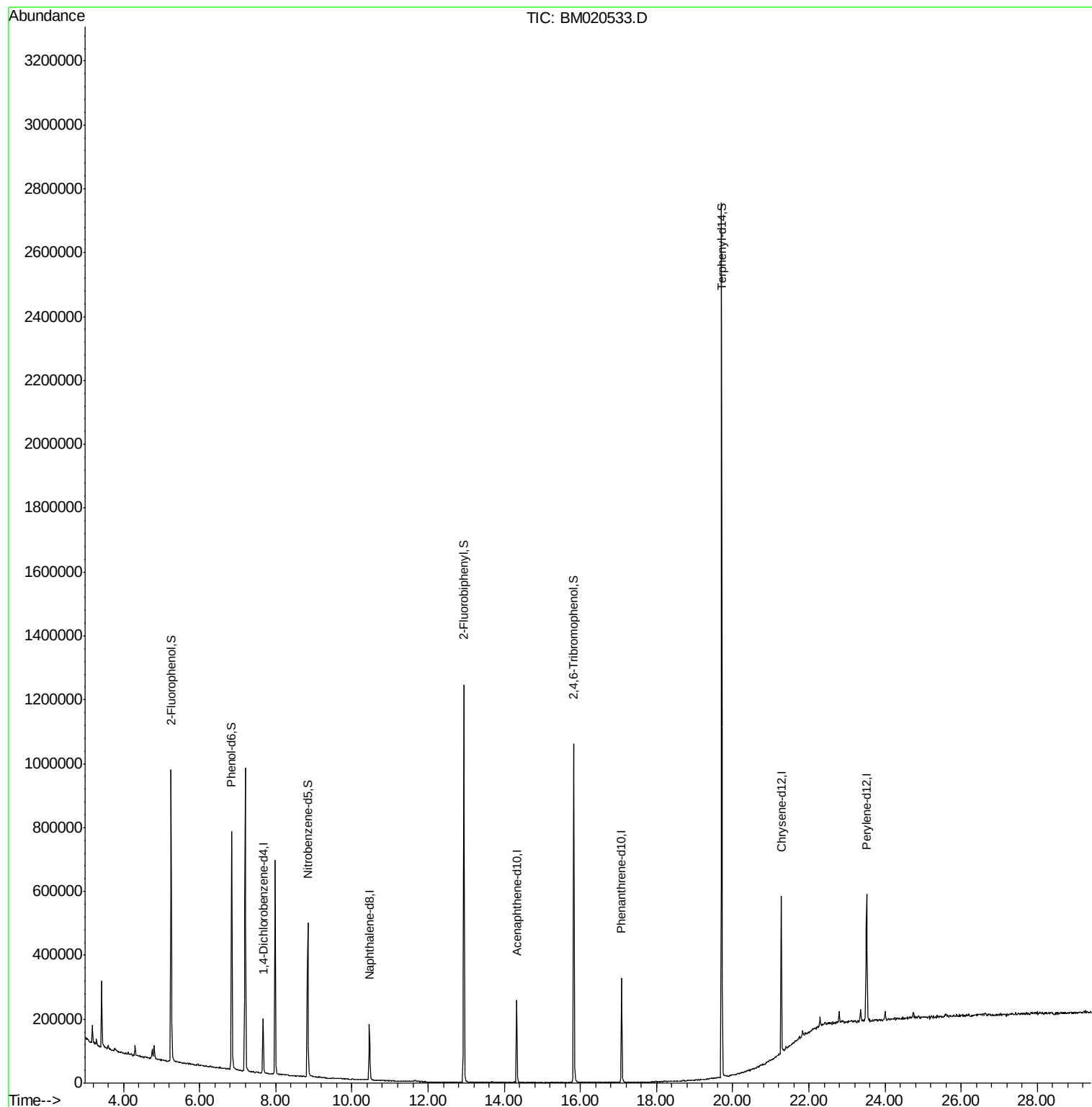
Target Compounds Qvalue

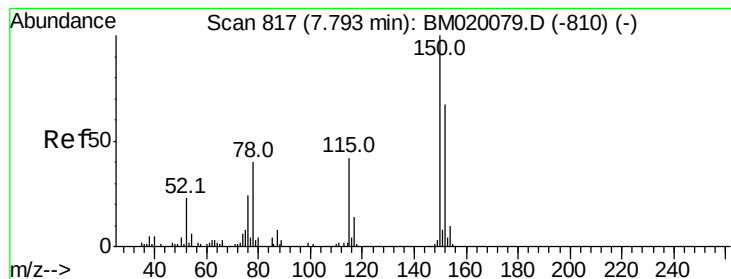
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
Data File : BM020533.D
Acq On : 24 May 2019 01:35
Operator : JU/SJ
Sample : K2978-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-SOIL

Quant Time: May 24 03:47:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 13:59:00 2019
Response via : Initial Calibration



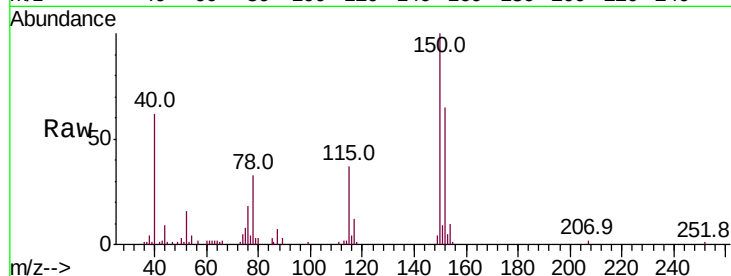


#1

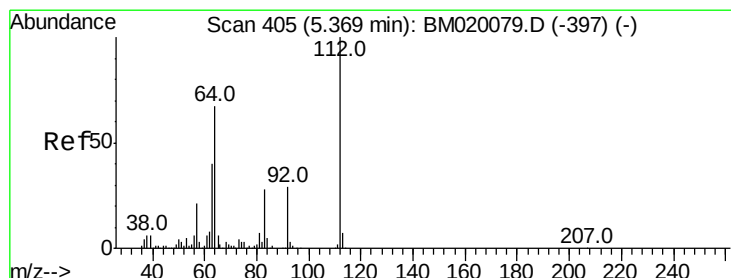
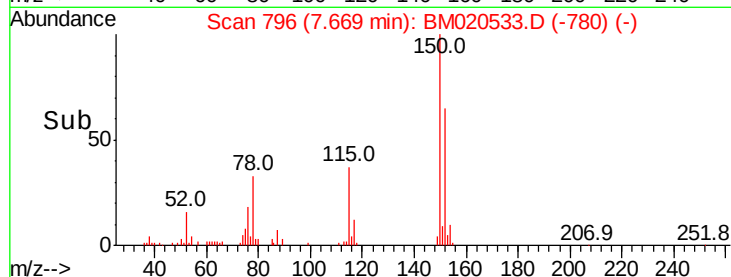
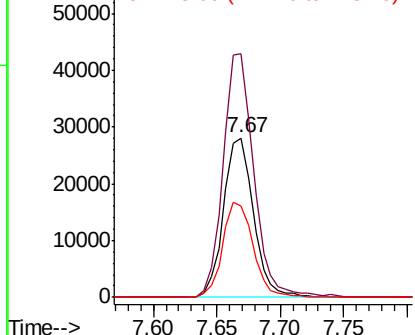
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020533.D
Acq: 24 May 2019 01:35

Instrument :
BNA_M
ClientSampleId :
TP-SOIL

Tot Ion:152 Resp: 46138
Ion Ratio Lower Upper
152 100
150 153.0 119.8 179.8
115 57.2 50.8 76.2



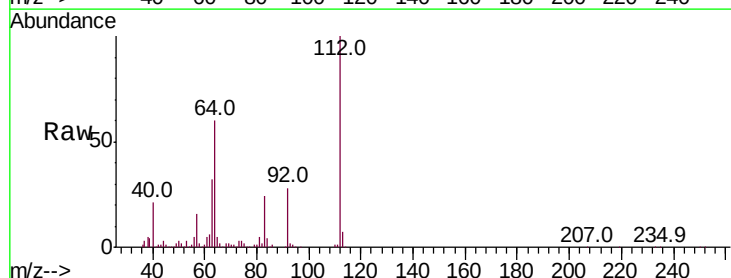
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



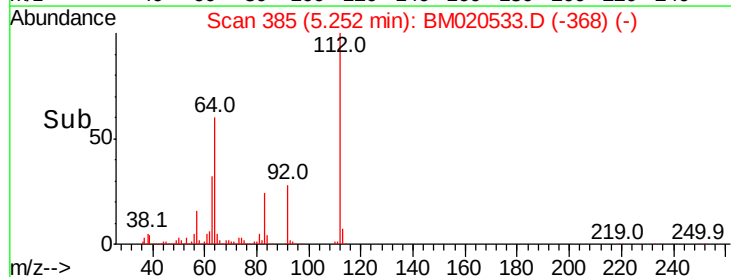
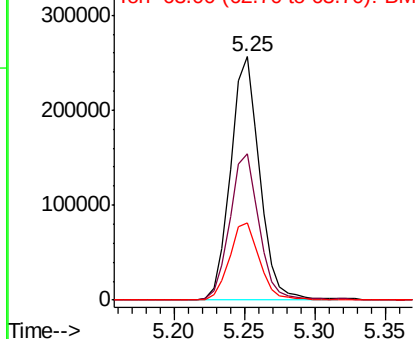
#5

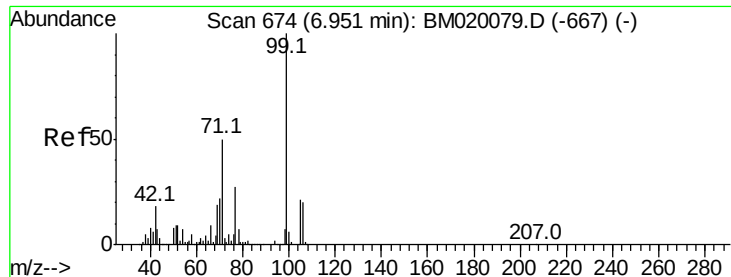
2-Fluorophenol
Concen: 130.330 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020533.D
Acq: 24 May 2019 01:35

Tgt Ion:112 Resp: 367868
Ion Ratio Lower Upper
112 100
64 60.2 53.8 80.6
63 31.9 32.3 48.5#



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: 110.749 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

Instrument :

BNA_M

ClientSampleId :

TP-SOIL

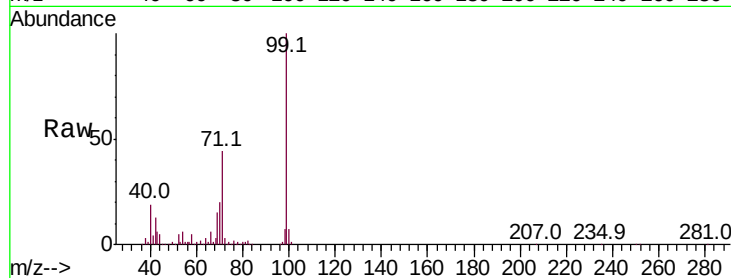
Tot Ion: 99 Resp: 427054

Ion Ratio Lower Upper

99 100

42 12.8 14.2 21.2#

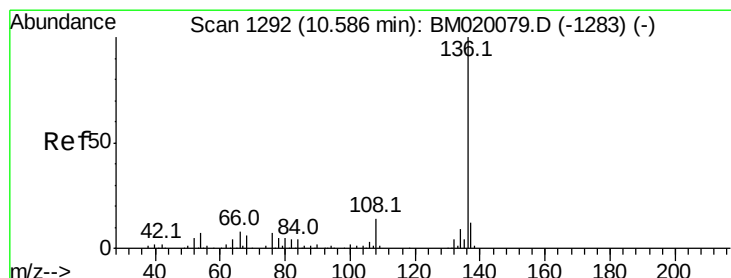
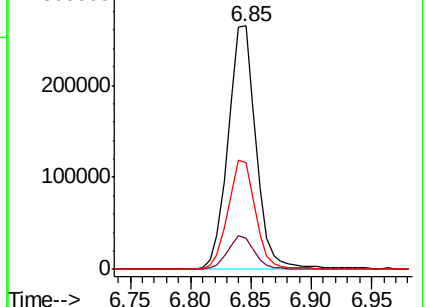
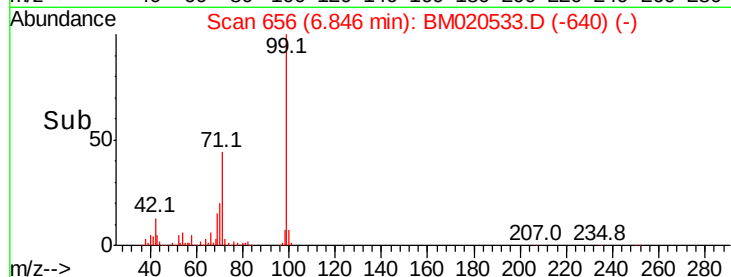
71 43.8 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020533.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020533.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020533.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

Tgt Ion: 136 Resp: 143908

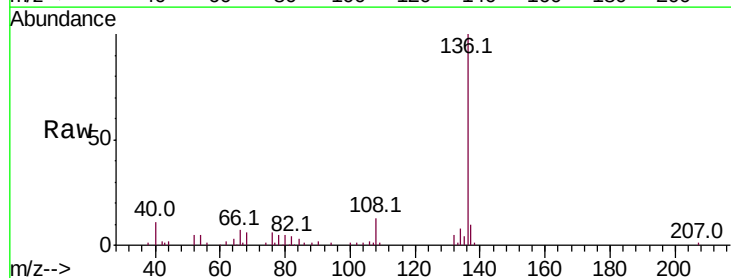
Ion Ratio Lower Upper

136 100

137 10.2 9.6 14.4

54 5.4 5.5 8.3#

68 5.6 4.6 6.8

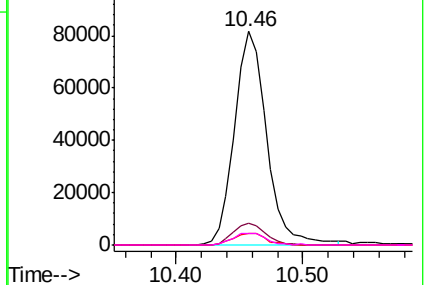
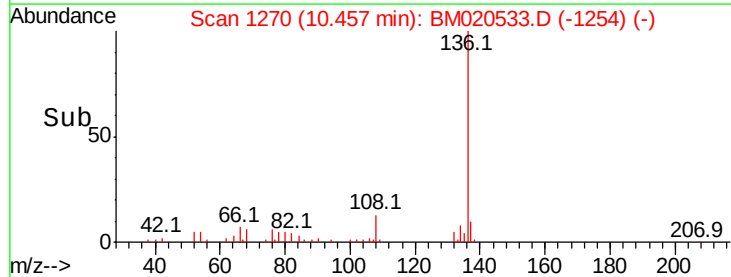


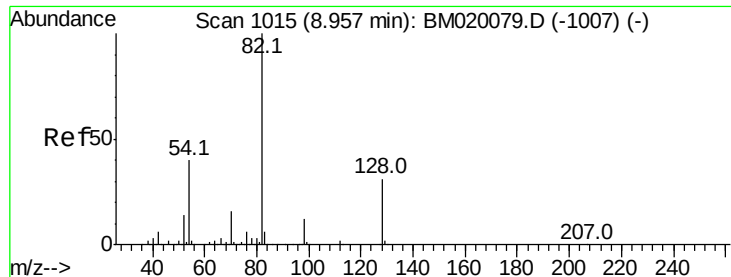
Abundance Ion 136.00 (135.70 to 136.70): BM020533.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020533.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020533.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020533.D (-1283) (-)





#23

Nitrobenzene-d5

Concen: 88.528 ng

RT: 8.83 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

Instrument :

BNA_M

ClientSampled :

TP-SOIL

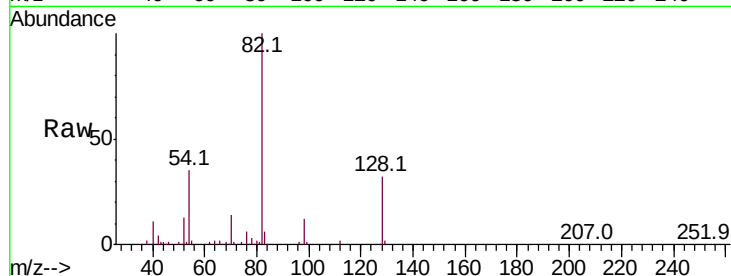
Tot Ion: 82 Resp: 322693

Ion Ratio Lower Upper

82 100

128 32.4 25.2 37.8

54 35.4 31.9 47.9



Abundance Ion 82.00 (81.70 to 82.70): BM020533.D (-979) (-)

250000

Ion 128.00 (127.70 to 128.70): BM020533.D (-979) (-)

200000

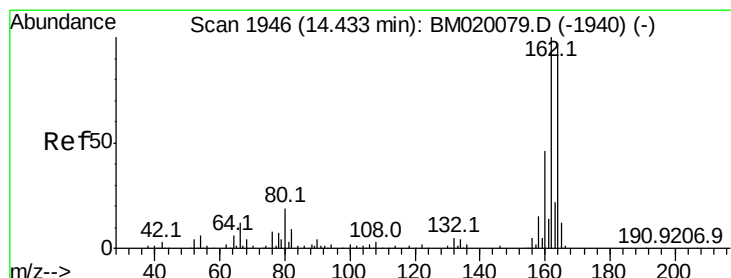
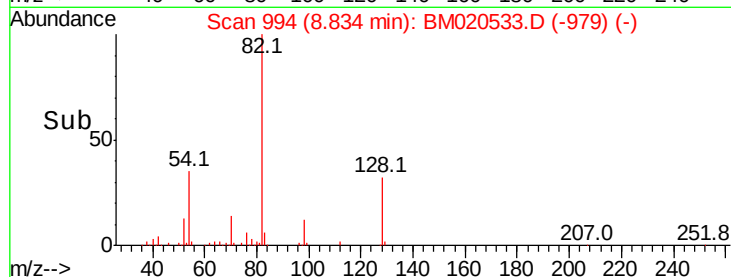
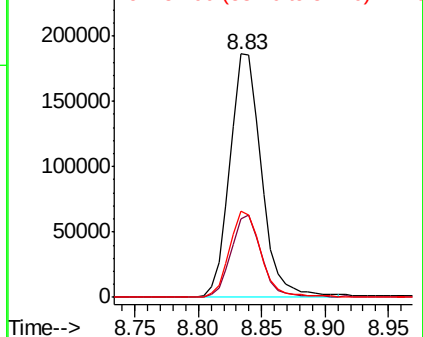
Ion 54.00 (53.70 to 54.70): BM020533.D (-979) (-)

150000

100000

50000

0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

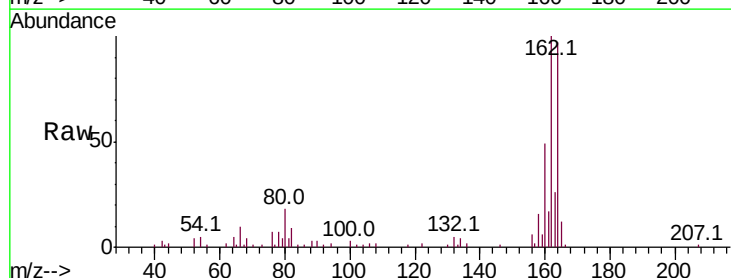
Tgt Ion: 164 Resp: 83351

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

160 51.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BM020533.D (-1912) (-)

60000

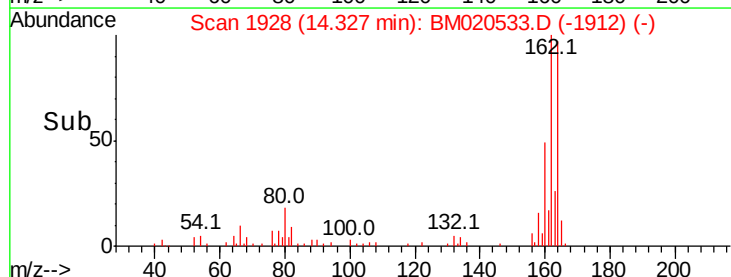
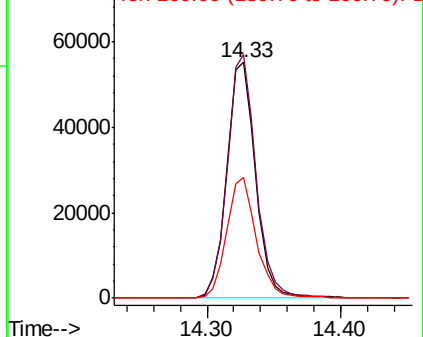
Ion 162.00 (161.70 to 162.70): BM020533.D (-1912) (-)

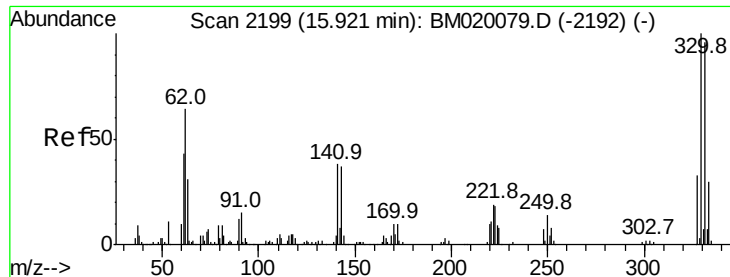
40000

Ion 160.00 (159.70 to 160.70): BM020533.D (-1912) (-)

20000

0

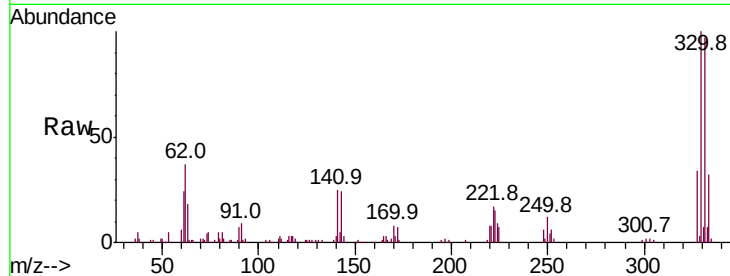




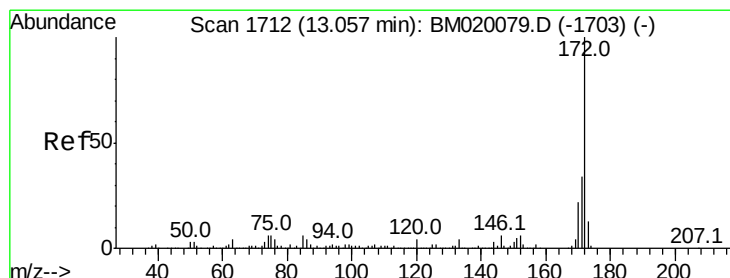
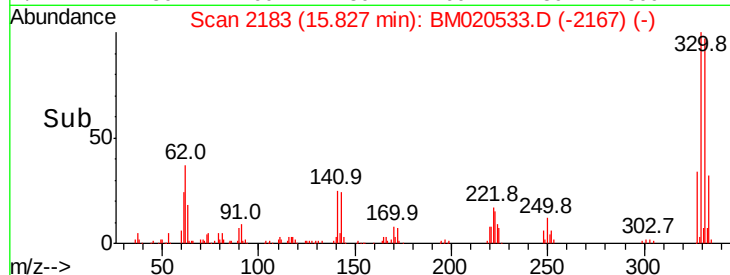
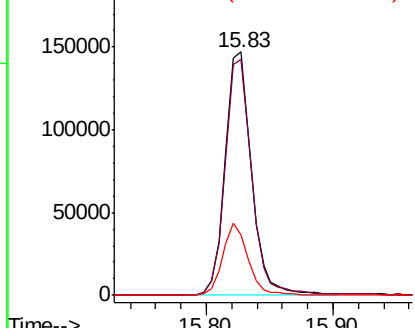
#42
 2,4,6-Tribromophenol
 Concen: 164.760 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020533.D
 Acq: 24 May 2019 01:35

Instrument :
 BNA_M
 ClientSampleId :
 TP-SOIL

Tot Ion:330 Resp: 213161
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 28.7 29.2 43.8#

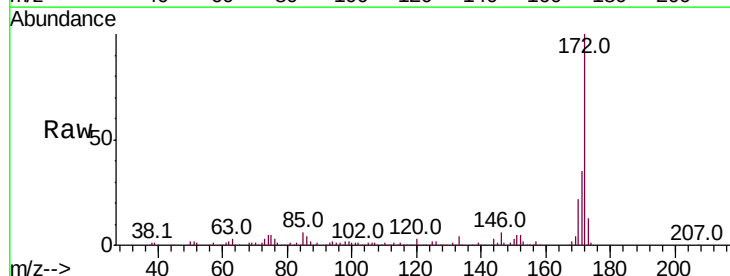


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

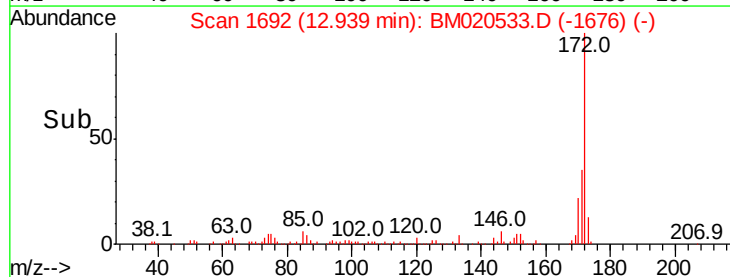
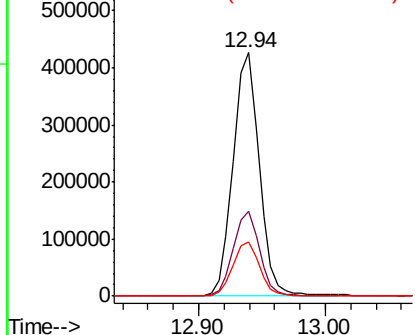


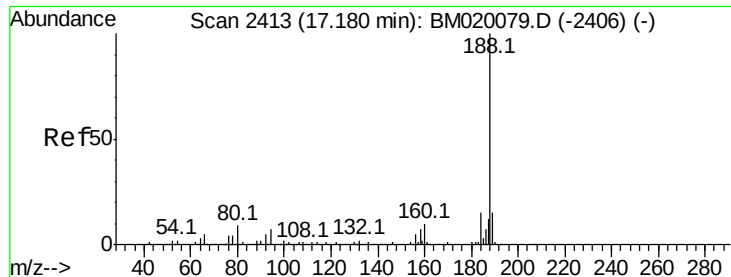
#45
 2-Fluorobiphenyl
 Concen: 90.359 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020533.D
 Acq: 24 May 2019 01:35

Tgt Ion:172 Resp: 612136
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.3 40.9
 170 22.3 17.9 26.9



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

Instrument :

BNA_M

ClientSampleId :

TP-SOIL

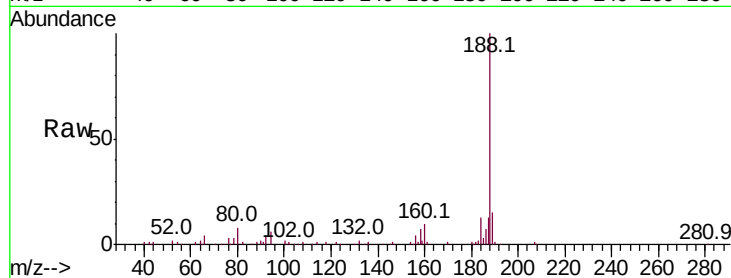
Tot Ion:188 Resp: 206554

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

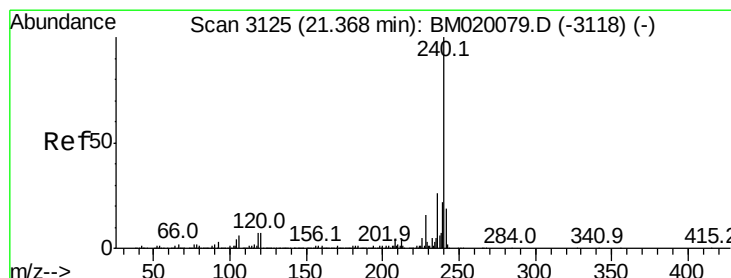
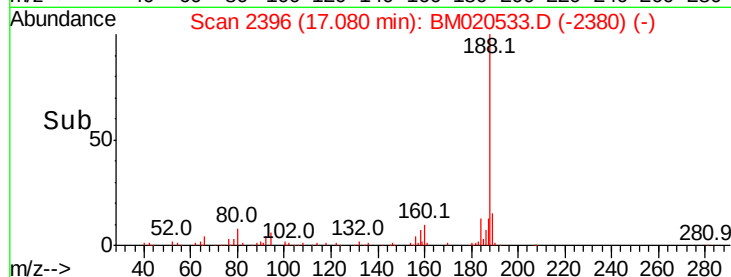
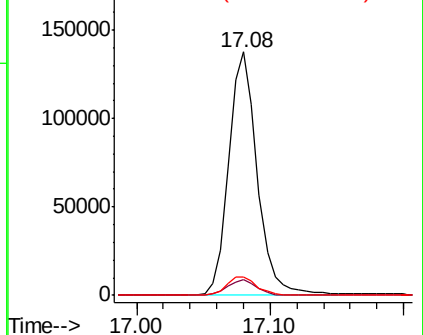
80 7.7 7.4 11.2



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: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

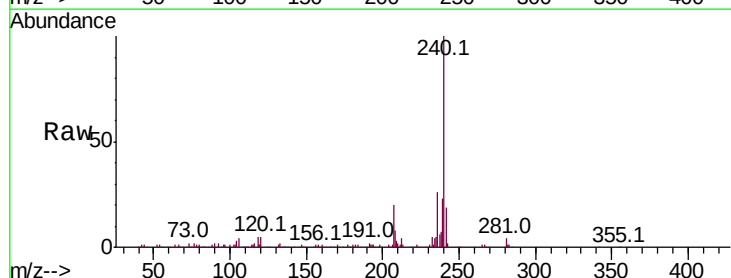
Tgt Ion:240 Resp: 246302

Ion Ratio Lower Upper

240 100

120 5.3 5.6 8.4#

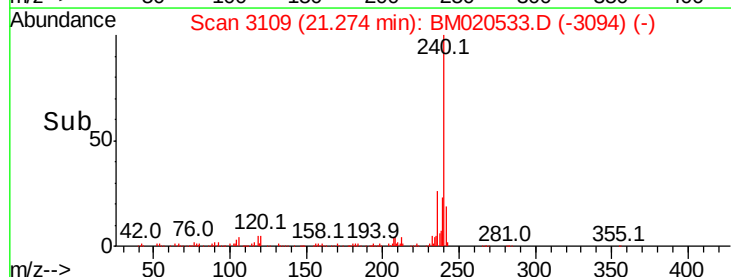
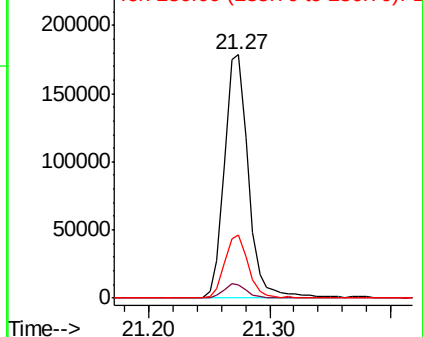
236 25.7 20.9 31.3

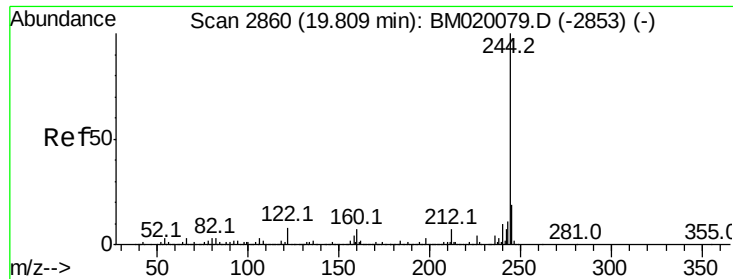


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.301 ng

RT: 19.71 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

Instrument :

BNA_M

ClientSampleId :

TP-SOIL

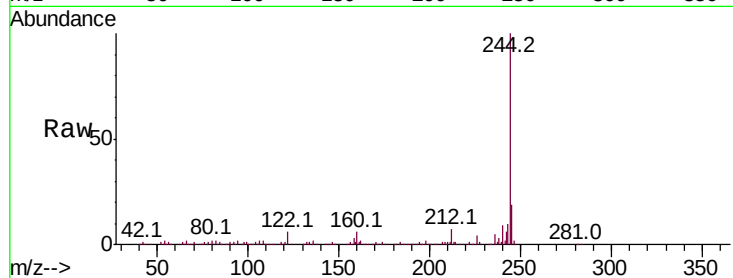
Tot Ion:244 Resp: 1246909

Ion Ratio Lower Upper

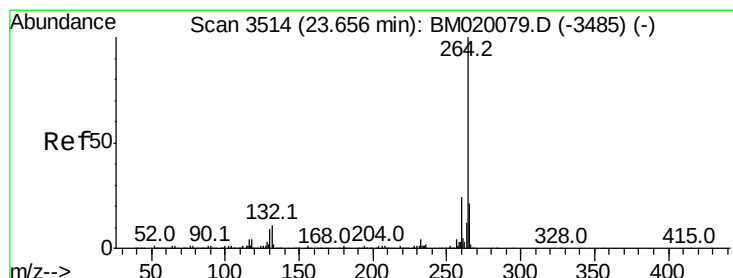
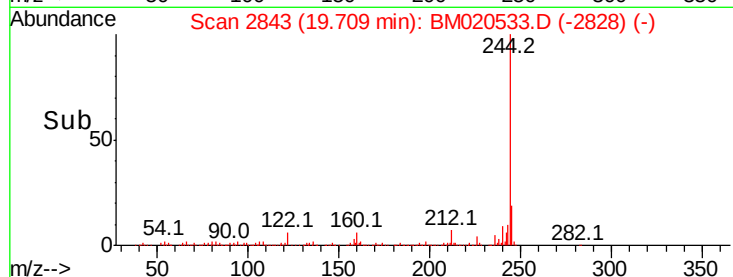
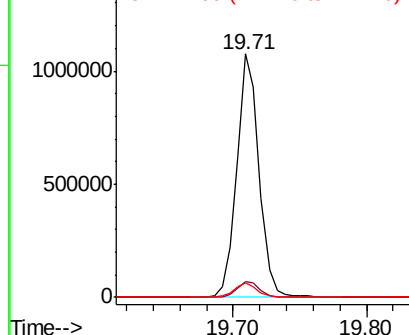
244 100

212 6.7 5.7 8.5

122 6.1 6.2 9.2#



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: 23.52 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM020533.D

Acq: 24 May 2019 01:35

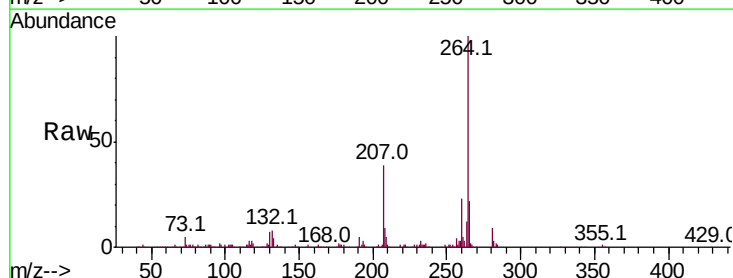
Tgt Ion:264 Resp: 310563

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 22.4 16.9 25.3



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

