

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016401.D
 Acq On : 16 Aug 2018 05:00
 Operator : SJ/JU
 Sample : J4471-27
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BED-ROCK

Quant Time: Aug 16 07:50:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19074	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	63967	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	11051	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	46697	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	12683	20.00	ng	0.00
86) Perylene-d12	23.94	264	1307	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	167143	145.56	ng	0.00
7) Phenol-d6	7.28	99	74112	49.42	ng	0.00
23) Nitrobenzene-d5	9.30	82	184722	134.31	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	75395	537.91	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	358913	395.17	ng	-0.01
78) Terphenyl-d14	20.06	244	323102	533.27	ng	0.00

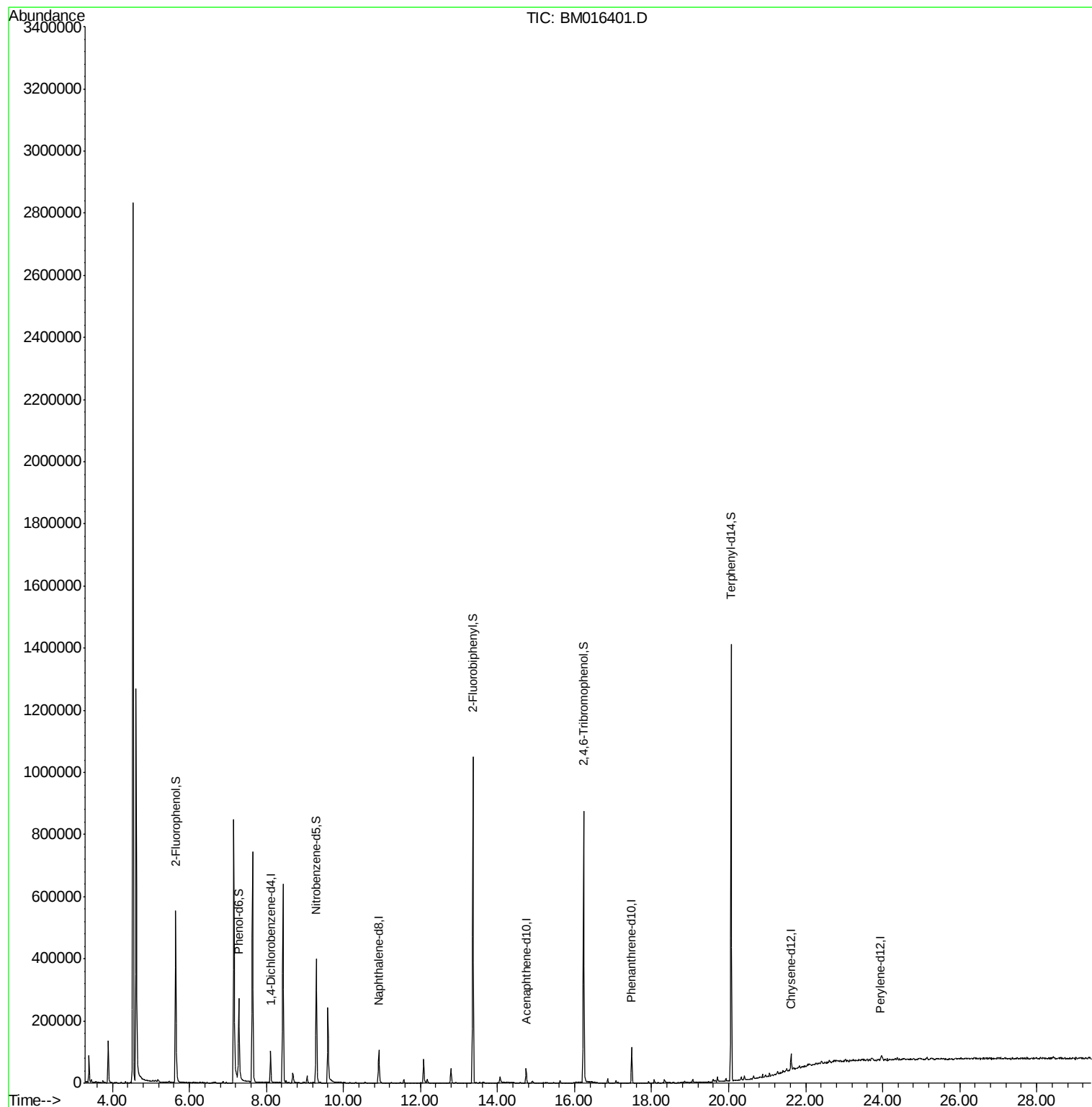
Target Compounds Qvalue

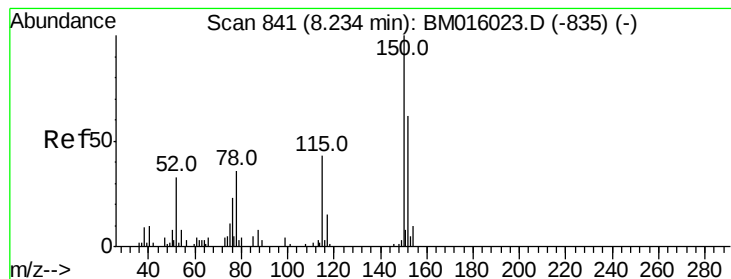
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

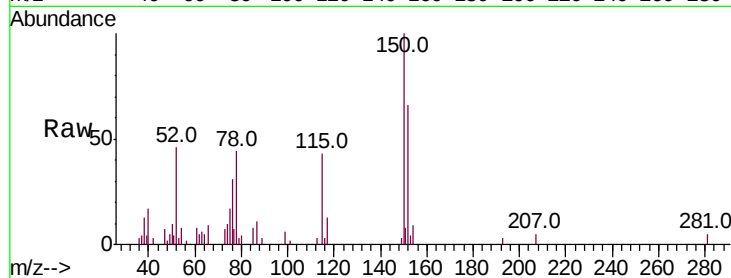
Tot Ion:152 Resp: 19074

Ion Ratio Lower Upper

152 100

150 152.3 119.5 179.3

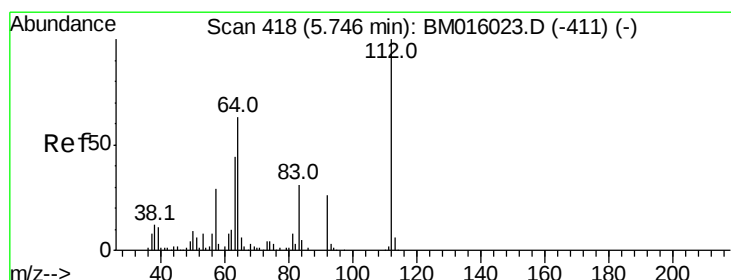
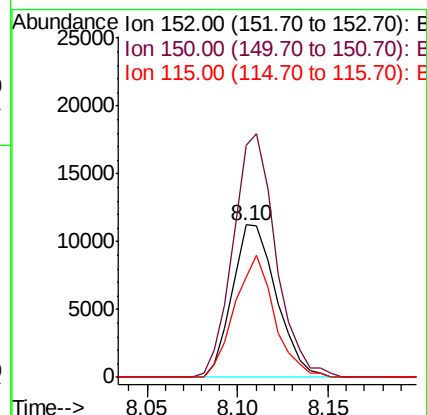
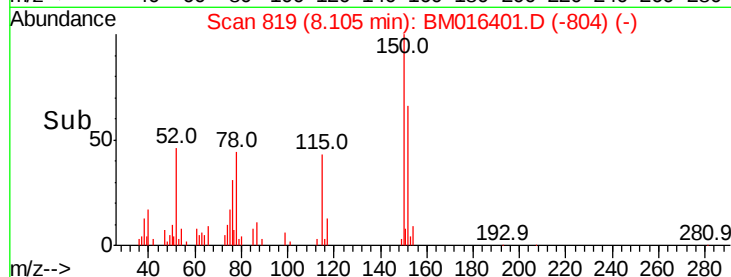
115 66.1 43.0 64.4#



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: N.D. ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

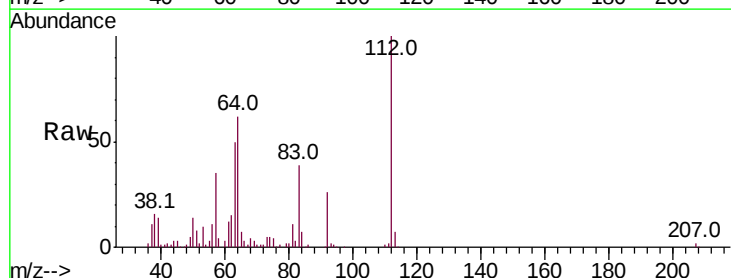
Tgt Ion:112 Resp: 167143

Ion Ratio Lower Upper

112 100

64 61.7 38.6 57.8#

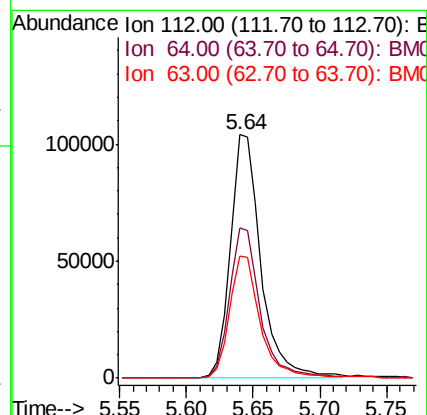
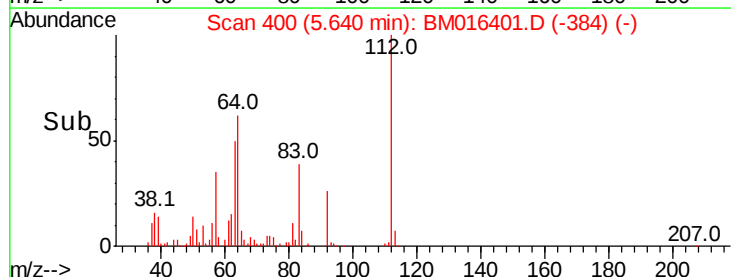
63 49.9 19.3 28.9#

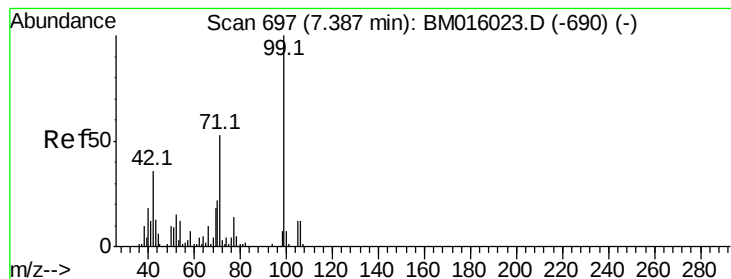


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

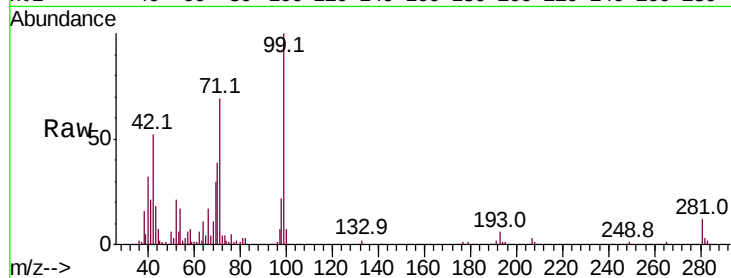
Tot Ion: 99 Resp: 74112

Ion Ratio Lower Upper

99 100

42 51.9 11.0 16.4#

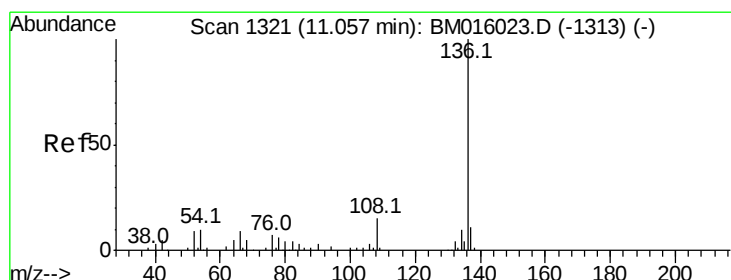
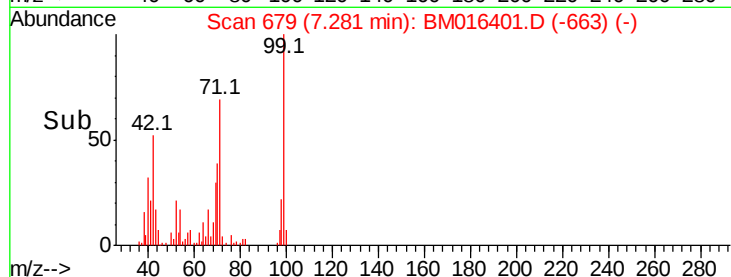
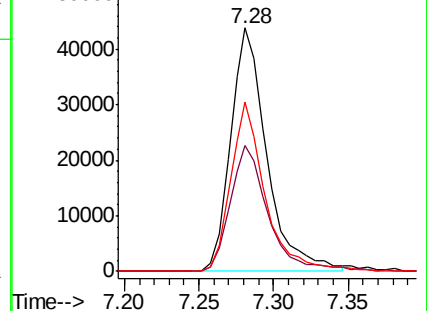
71 69.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016401.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016401.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016401.D (-663) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Tgt Ion: 136 Resp: 63967

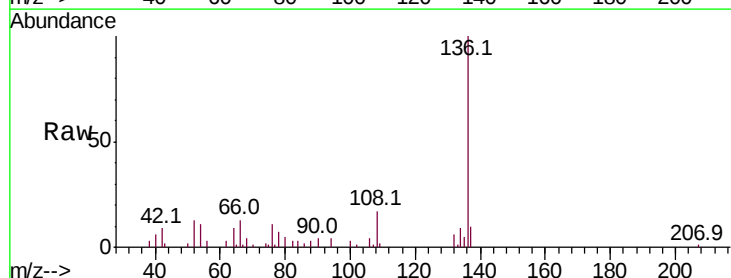
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 11.0 4.6 6.8#

68 3.7 3.7 5.5

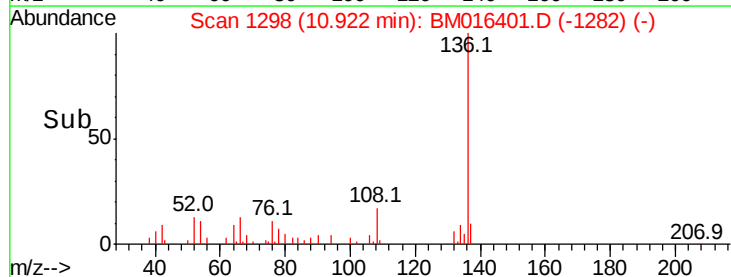
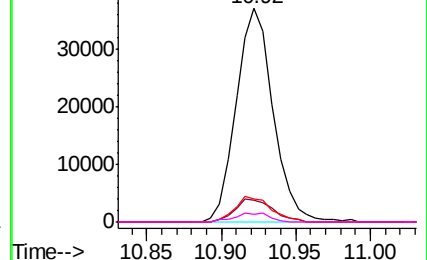


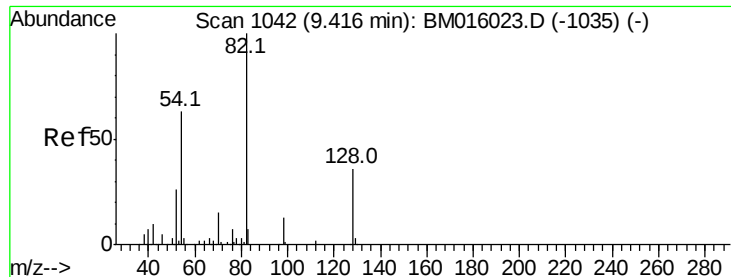
Abundance Ion 136.00 (135.70 to 136.70): BM016401.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM016401.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM016401.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM016401.D (-1282) (-)

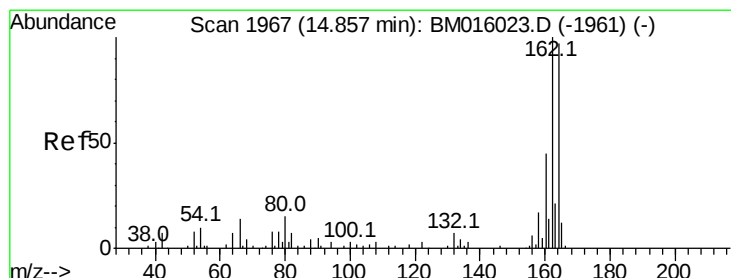
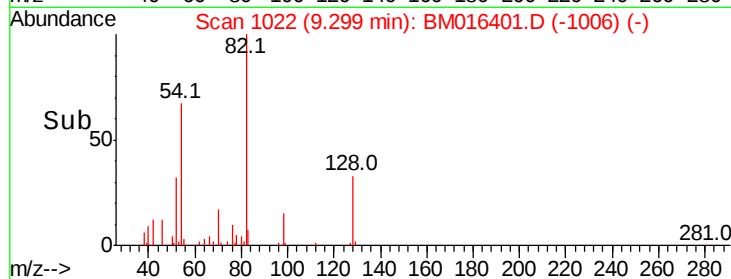
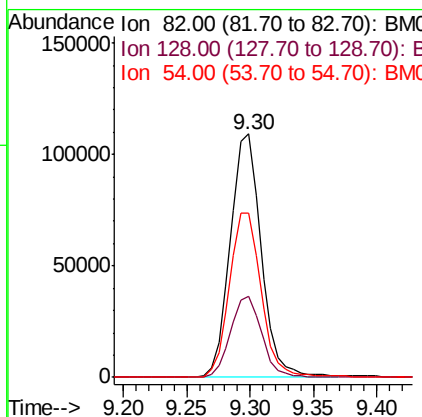
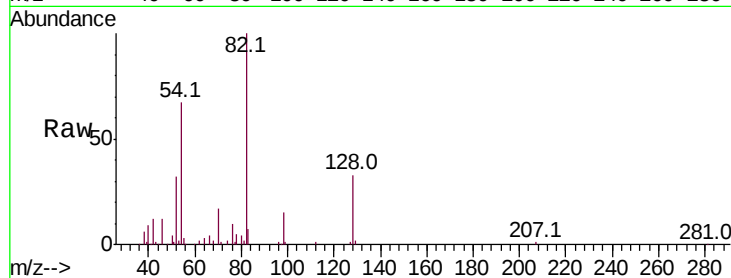




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

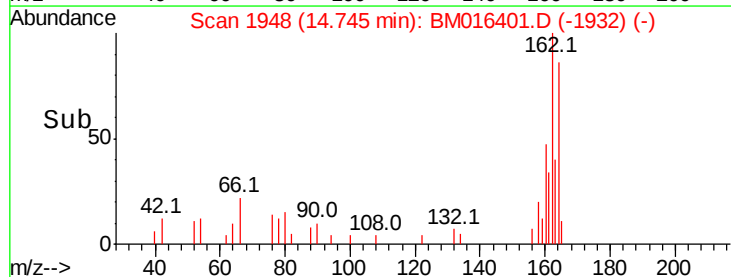
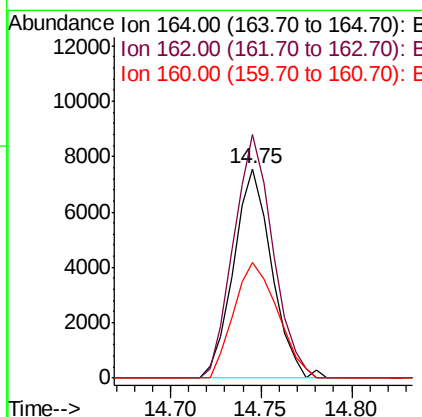
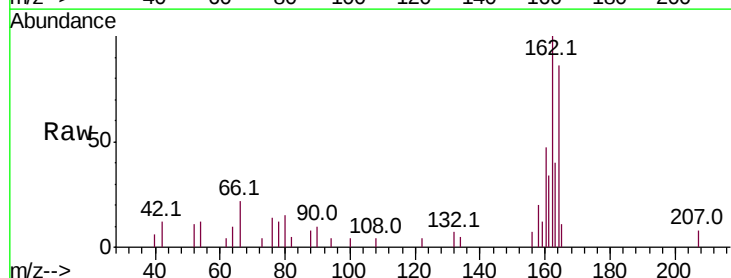
Instrument :
BNA_M
ClientSampleId :
BED-ROCK

Tot Ion: 82 Resp: 184722
Ion Ratio Lower Upper
82 100
128 33.4 32.8 49.2
54 67.4 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion: 164 Resp: 11051
Ion Ratio Lower Upper
164 100
162 116.4 82.4 123.6
160 55.1 35.8 53.6#

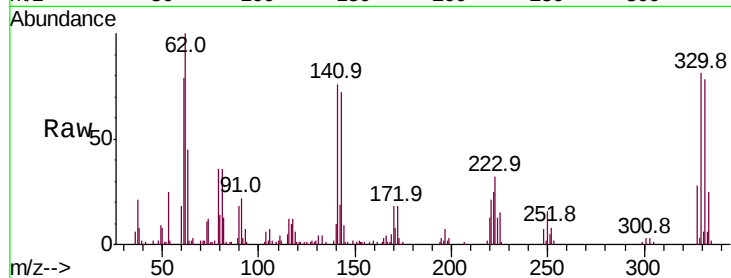




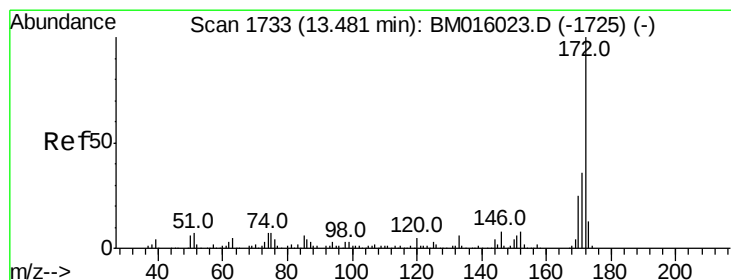
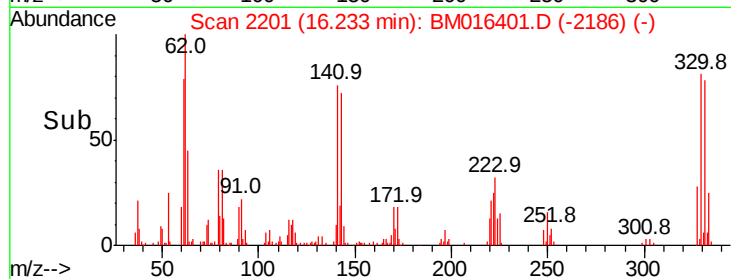
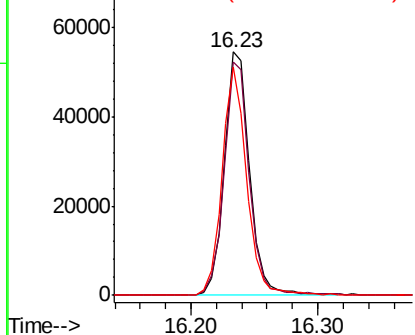
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BM016401.D
 Acq: 16 Aug 2018 05:00

Instrument :
 BNA_M
 ClientSampleId :
 BED-ROCK

Tot Ion:330 Resp: 75395
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 90.8 0.0 0.0#

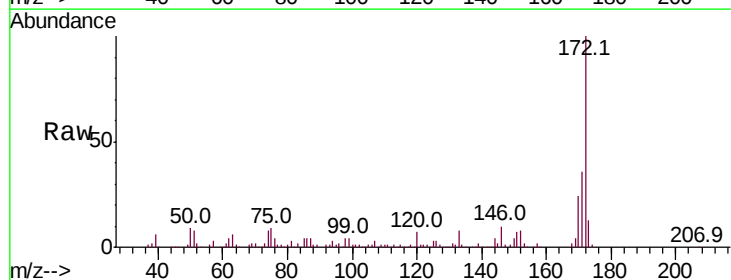


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

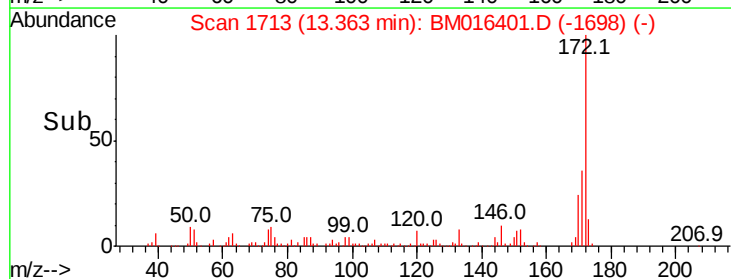
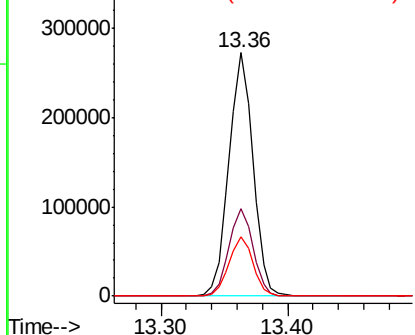


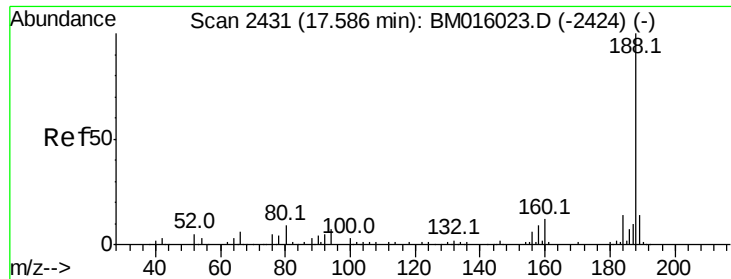
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM016401.D
 Acq: 16 Aug 2018 05:00

Tgt Ion:172 Resp: 358913
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.4 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

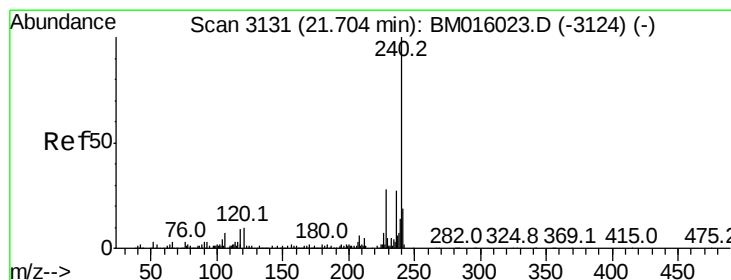
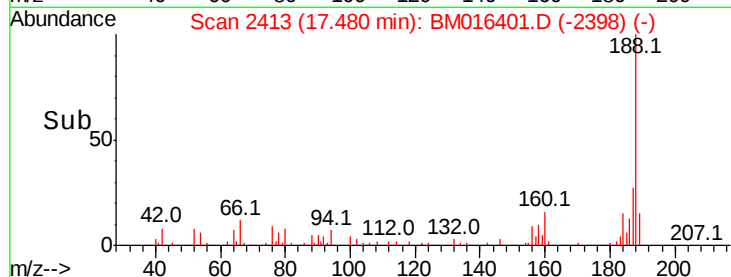
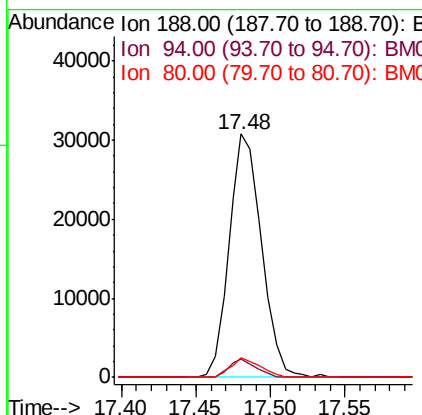
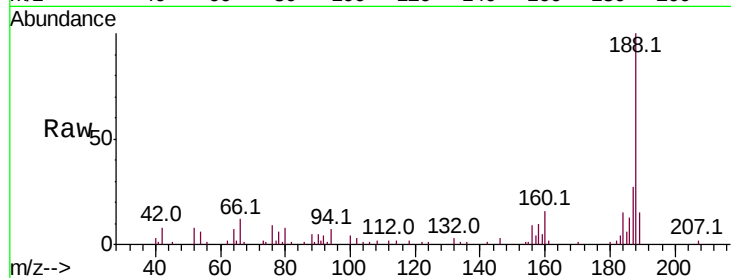




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

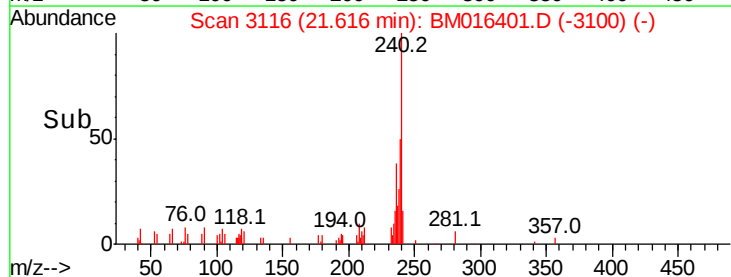
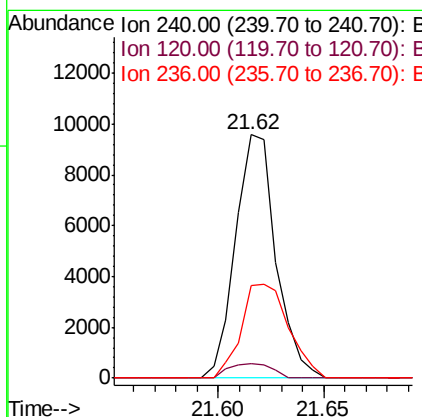
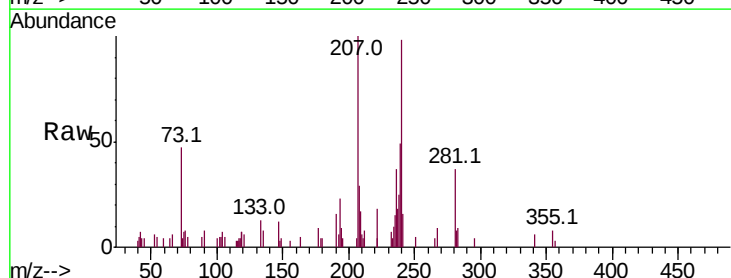
Instrument :
BNA_M
ClientSampleId :
BED-ROCK

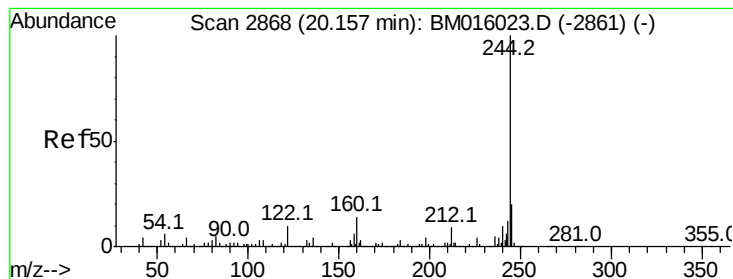
Tot Ion:188 Resp: 46697
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016401.D
Acq: 16 Aug 2018 05:00

Tgt Ion:240 Resp: 12683
Ion Ratio Lower Upper
240 100
120 6.1 8.2 12.2#
236 37.8 20.0 30.0#





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

Instrument :

BNA_M

ClientSampleId :

BED-ROCK

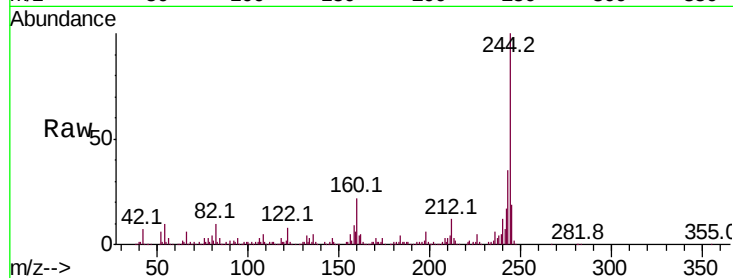
Tot Ion:244 Resp: 323102

Ion Ratio Lower Upper

244 100

212 11.6 4.9 7.3#

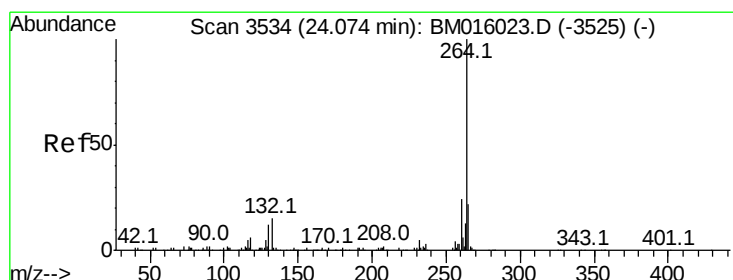
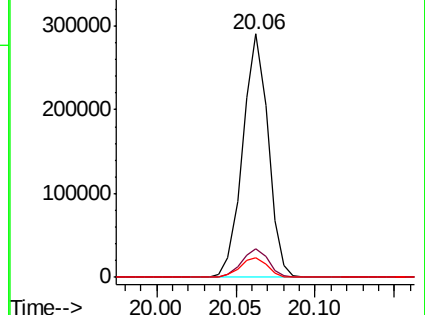
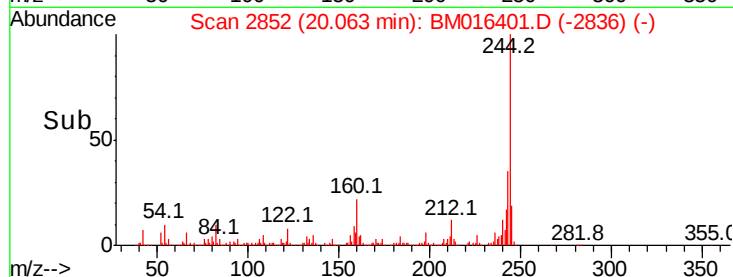
122 8.2 6.2 9.4



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: 20.000 ng

RT: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016401.D

Acq: 16 Aug 2018 05:00

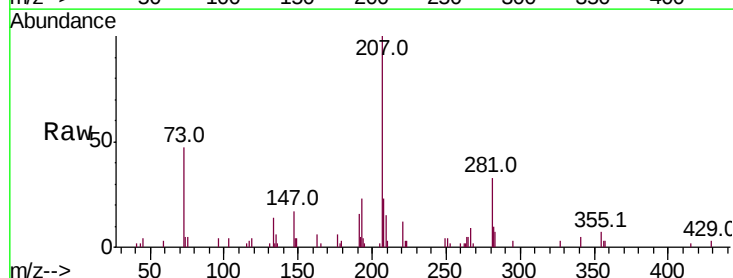
Tgt Ion:264 Resp: 1307

Ion Ratio Lower Upper

264 100

260 39.2 18.6 27.8#

265 94.9 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

