

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102218\
 Data File : BM017281.D
 Acq On : 22 Oct 2018 16:27
 Operator : MJ/SJ
 Sample : J5538-18RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLOIRE

Quant Time: Oct 23 07:54:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	397010	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	1628714	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	906837	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1927216	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1770291	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1651855	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.85	99	5393	0.17	ng	0.00
23) Nitrobenzene-d5	8.82	82	2325565	83.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	3012	0.25	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5400641	79.24	ng	-0.01
79) Terphenyl-d14	19.70	244	7152006	91.06	ng	0.00

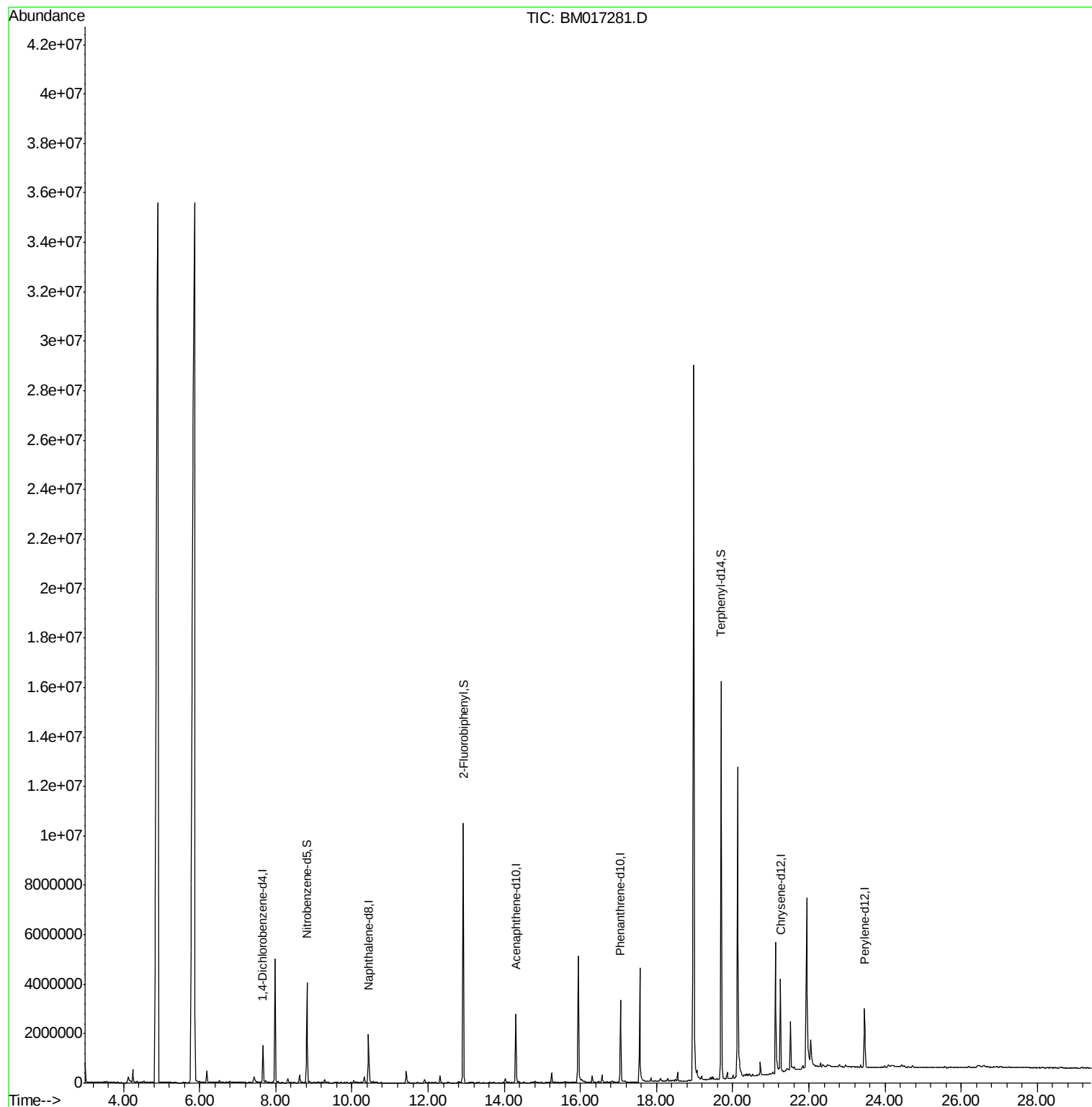
Target Compounds Qvalue

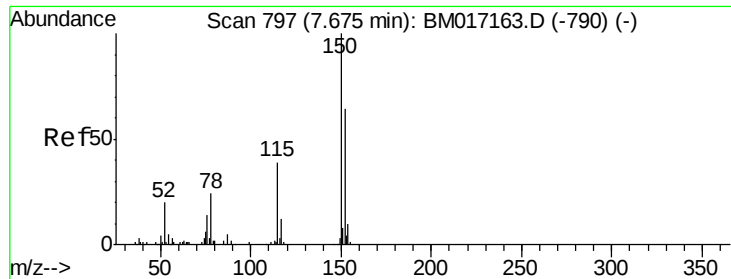
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 07:54:16 2018
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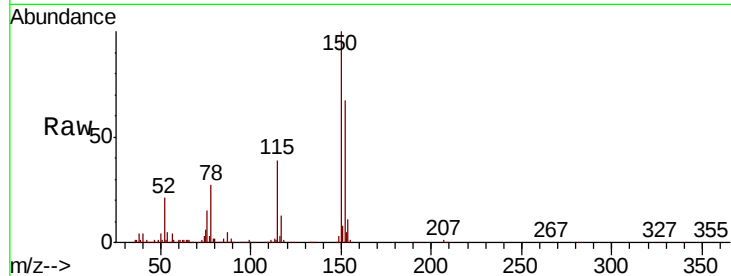


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.66 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Instrument :
 BNA_M
 ClientSampleId :
 BL01RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.3	186.5
115	57.5	48.1	72.1

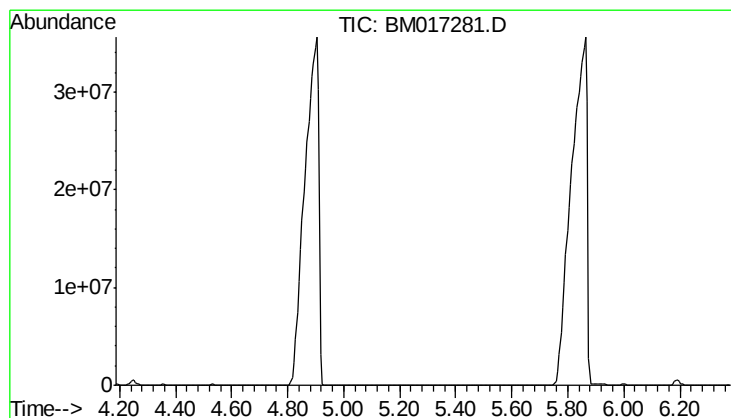
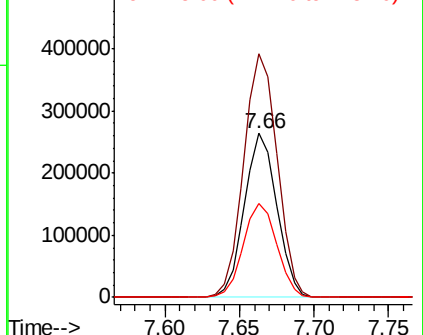
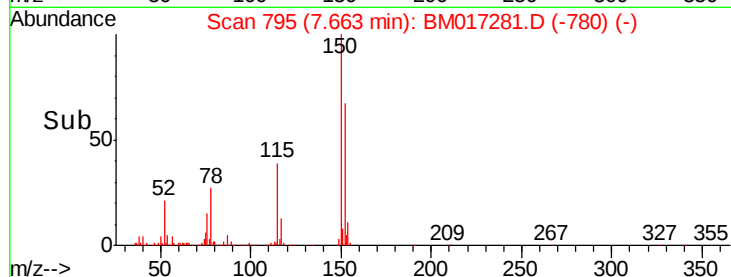


Abundance

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

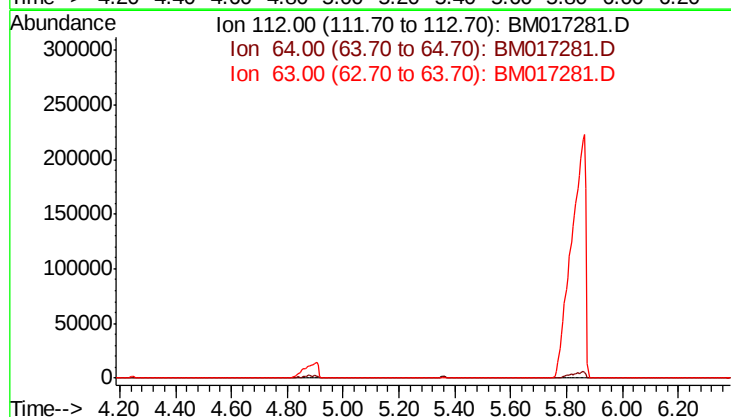


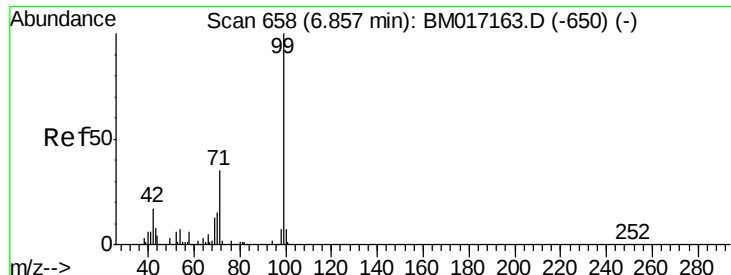
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.29 min

Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Tgt Ion	Sig	Exp Ratio
112	100	
64	52.1	
63	28.7	





#7

Phenol-d6

Concen: 0.169 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

BL01RE

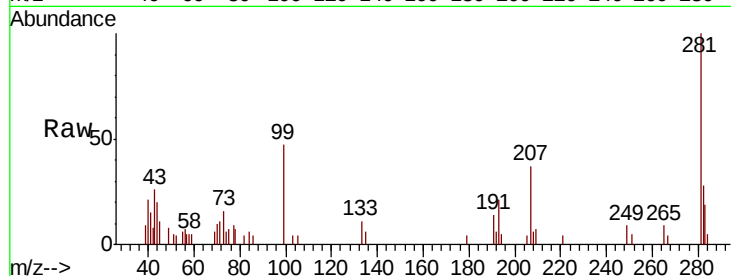
Tot Ion: 99 Resp: 5393

Ion Ratio Lower Upper

99 100

42 16.2 13.3 19.9

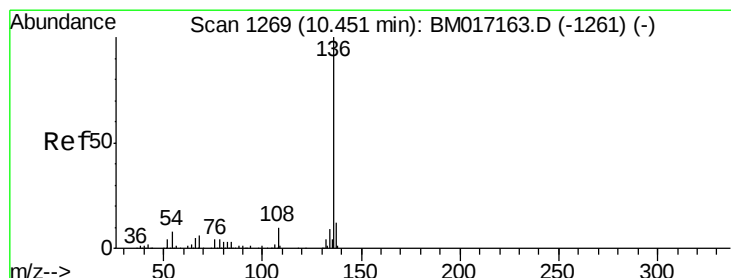
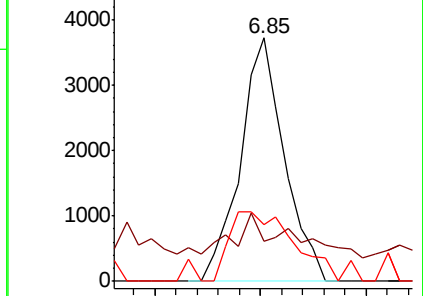
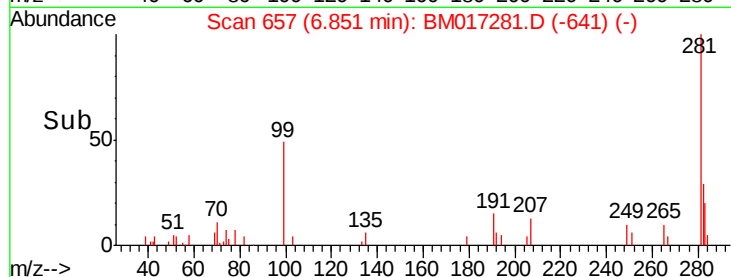
71 23.1 28.0 42.0#



Abundance Ion 99.00 (98.70 to 99.70): BM017281.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017281.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017281.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Tgt Ion: 136 Resp: 1628714

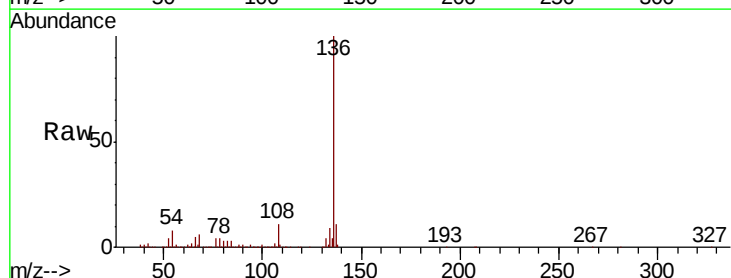
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 8.0 6.7 10.1

68 6.0 4.7 7.1

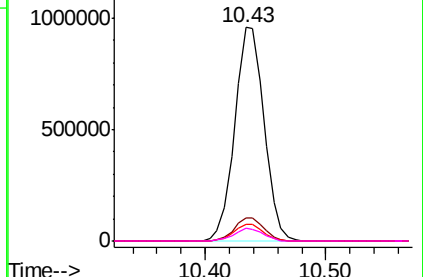
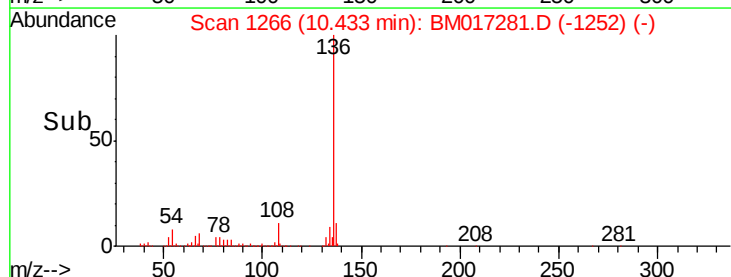


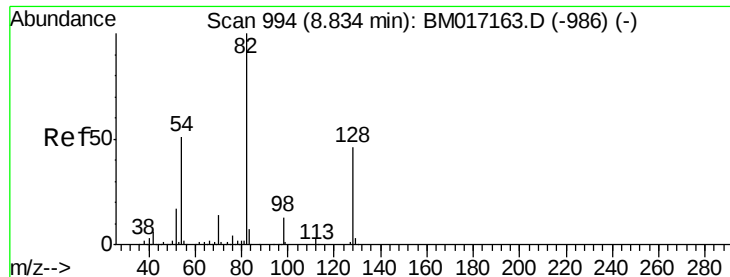
Abundance Ion 136.00 (135.70 to 136.70): BM017281.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017281.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017281.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017281.D (-1252) (-)





#23

Nitrobenzene-d5

Concen: 83.509 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

BL01RE

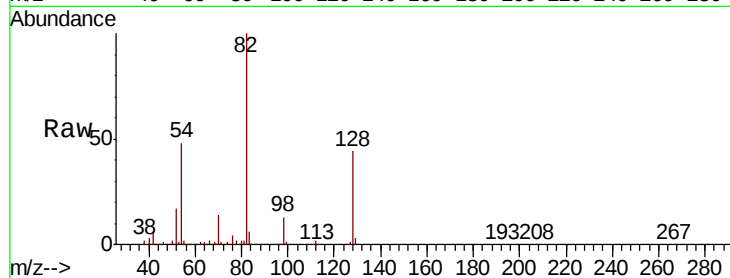
Tot Ion: 82 Resp: 2325565

Ion Ratio Lower Upper

82 100

128 43.7 37.0 55.6

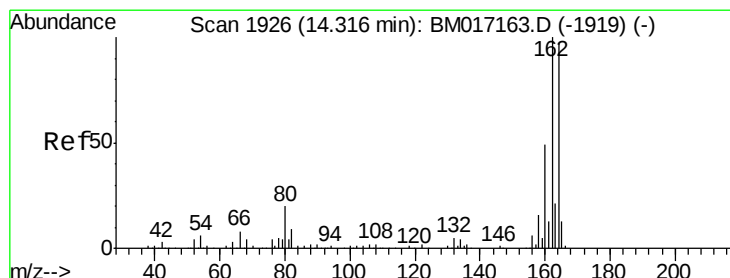
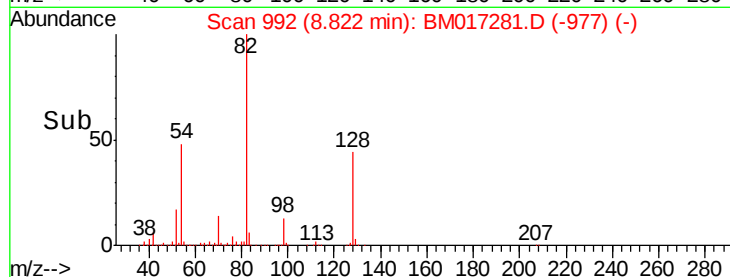
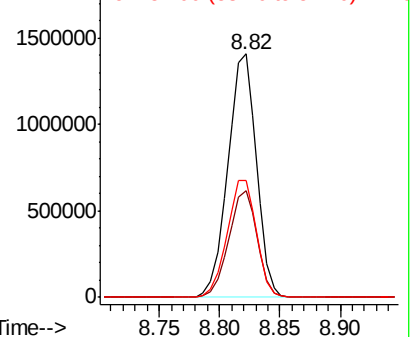
54 47.8 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017281.D (-977) (-)

Ion 128.00 (127.70 to 128.70): BM017281.D (-977) (-)

Ion 54.00 (53.70 to 54.70): BM017281.D (-977) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

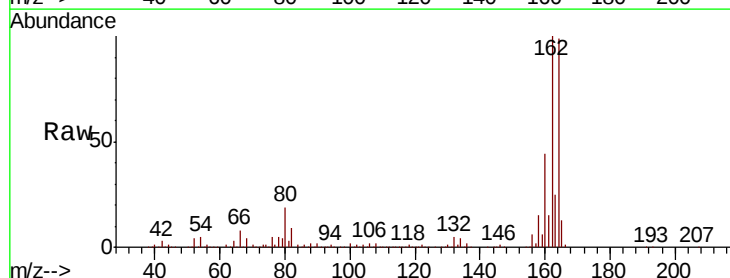
Tgt Ion:164 Resp: 906837

Ion Ratio Lower Upper

164 100

162 100.8 82.1 123.1

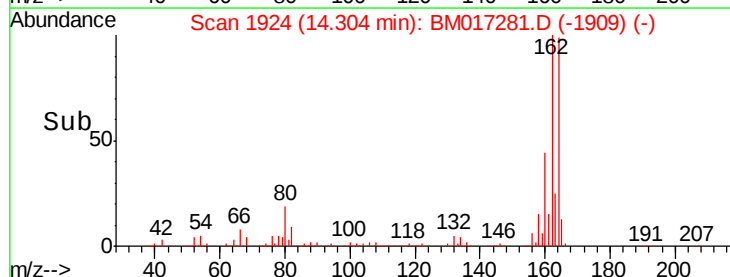
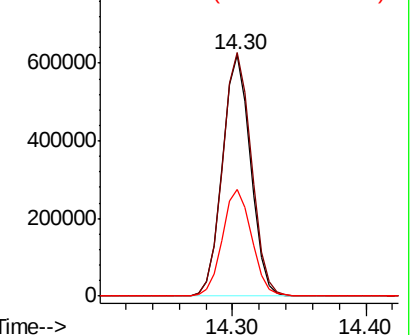
160 44.3 40.2 60.2

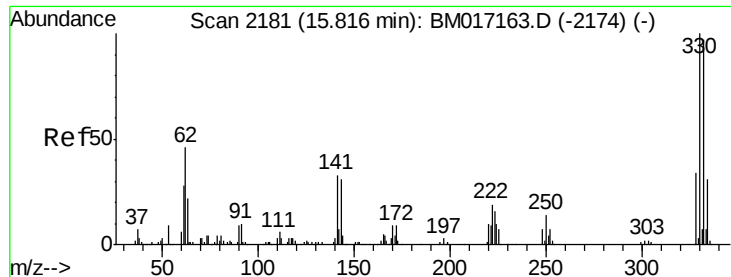


Abundance Ion 164.00 (163.70 to 164.70): BM017281.D (-1909) (-)

Ion 162.00 (161.70 to 162.70): BM017281.D (-1909) (-)

Ion 160.00 (159.70 to 160.70): BM017281.D (-1909) (-)





#42

2,4,6-Tribromophenol

Concen: 0.246 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

BLOIRE

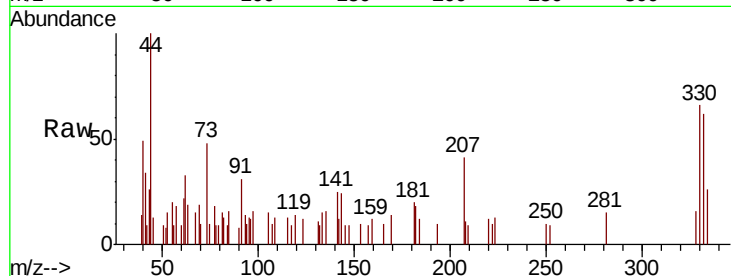
Tot Ion:330 Resp: 3012

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

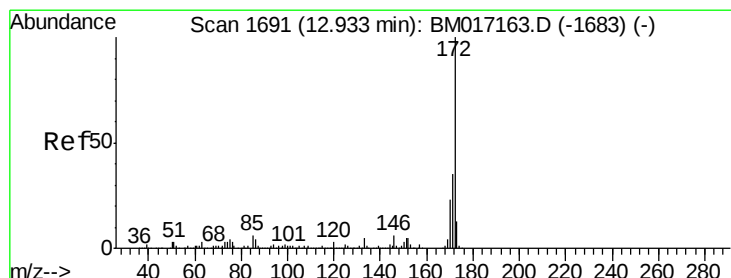
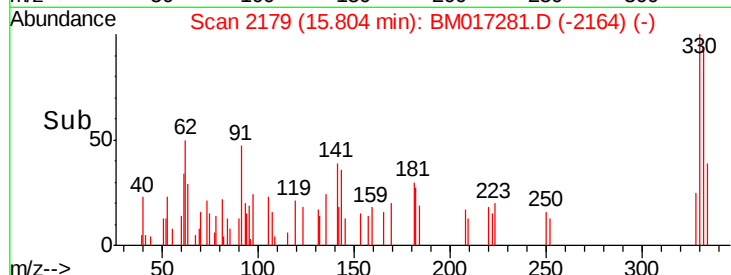
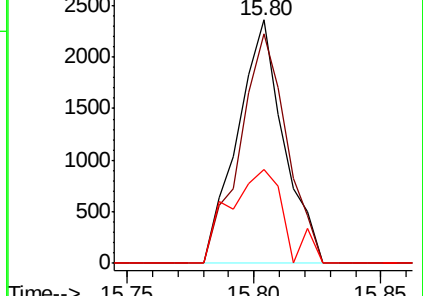
141 45.6 27.4 41.0#



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



#45

2-Fluorobiphenyl

Concen: 79.240 ng

RT: 12.92 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

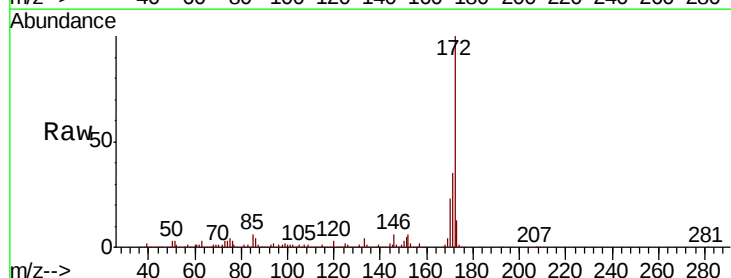
Tgt Ion:172 Resp: 5400641

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

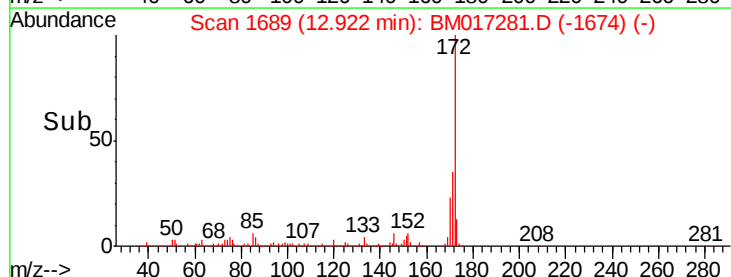
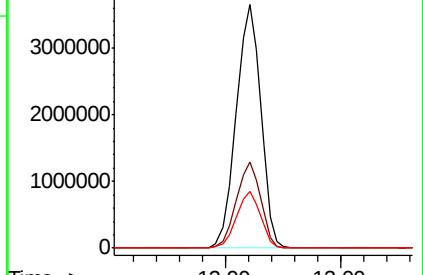
170 23.2 18.3 27.5

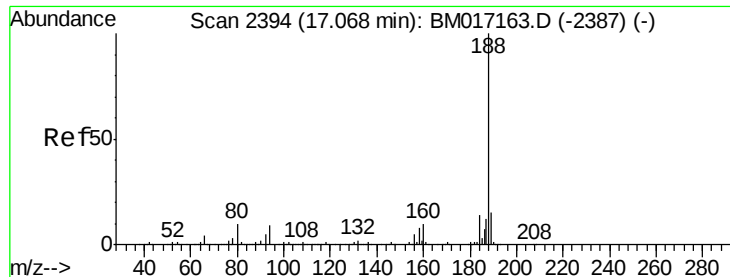


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

Instrument :

BNA_M

ClientSampleId :

BL01RE

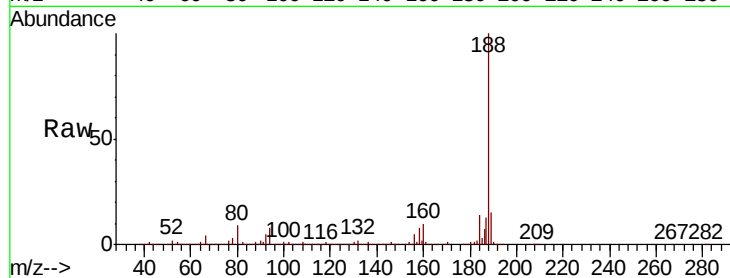
Tot Ion:188 Resp: 1927216

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

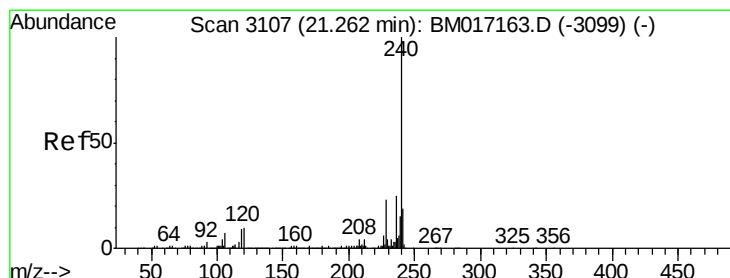
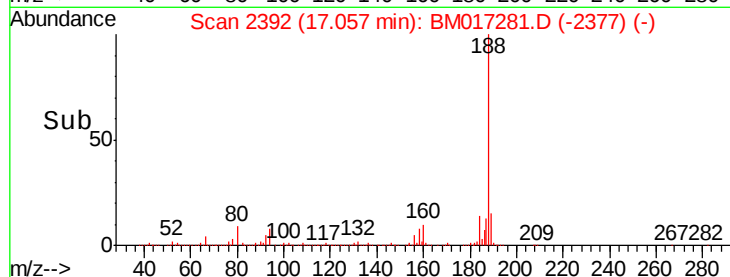
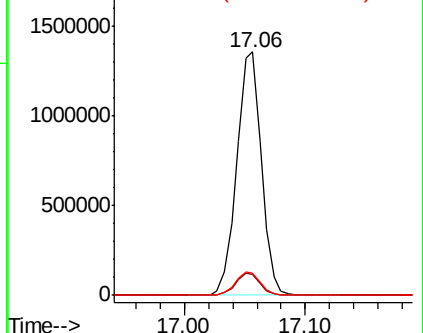
80 9.2 7.7 11.5



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: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017281.D

Acq: 22 Oct 2018 16:27

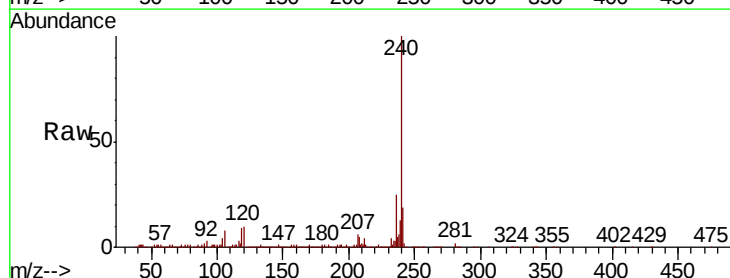
Tgt Ion:240 Resp: 1770291

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

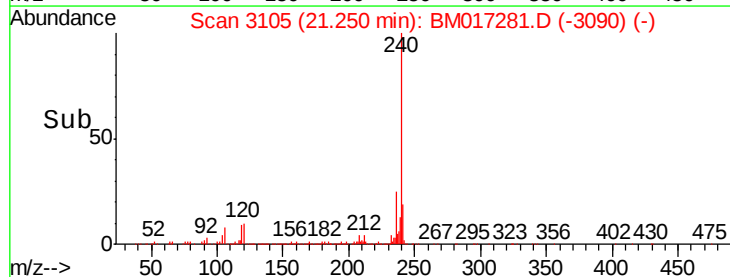
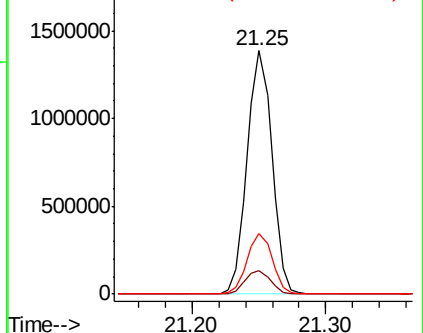
236 24.9 19.9 29.9

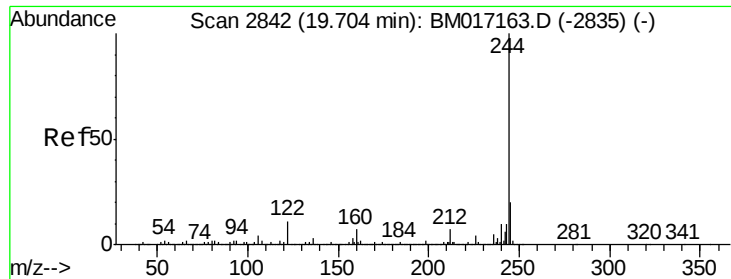


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



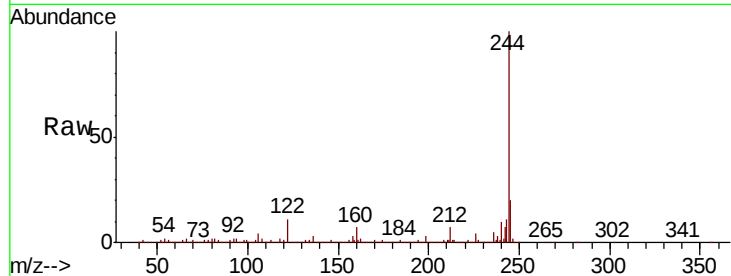


#79
 Terphenyl-d14
 Concen: 91.062 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

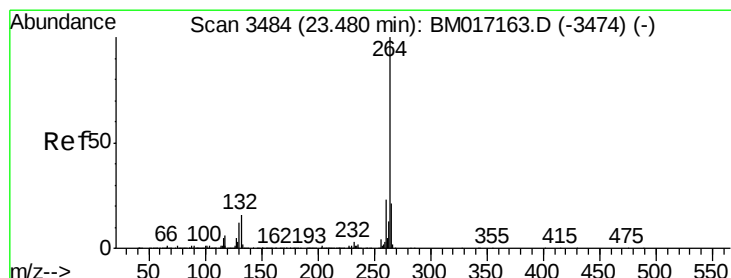
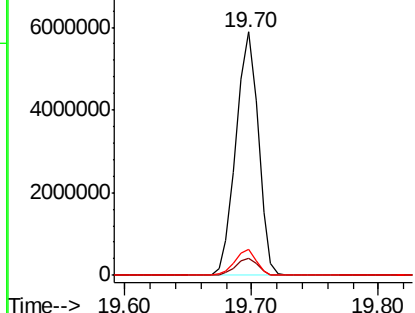
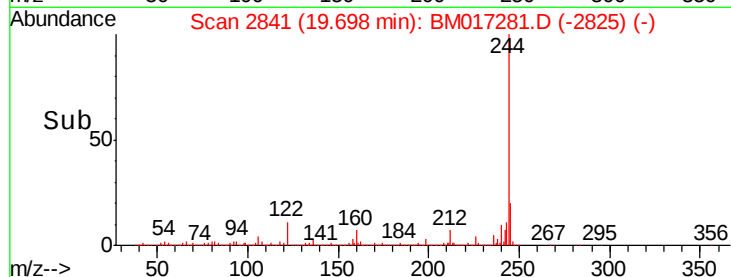
Instrument :
 BNA_M
 ClientSampleId :
 BL01RE

Tot Ion:244 Resp: 7152006

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.6	8.4	12.6



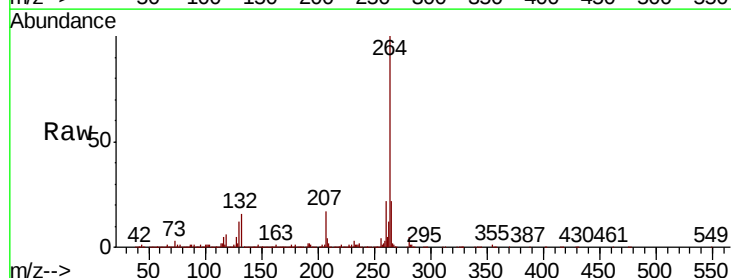
Abundance Ion 244.00 (243.70 to 244.70): E
 8000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017281.D
 Acq: 22 Oct 2018 16:27

Tgt Ion:264 Resp: 1651855

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.6	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 1200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

