

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017356.D
 Acq On : 26 Oct 2018 19:59
 Operator : MJ/SJ
 Sample : J5204-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-102518-A

Quant Time: Oct 27 02:49:26 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	7.65	152	213178	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	889678	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	566191	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1461531	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1765899	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1624625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1414290	112.21	ng	-0.01
7) Phenol-d6	6.84	99	1760820	102.58	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1320300	86.79	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1066374	139.27	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3278036	77.03	ng	-0.02
79) Terphenyl-d14	19.69	244	6380751	81.44	ng	-0.02

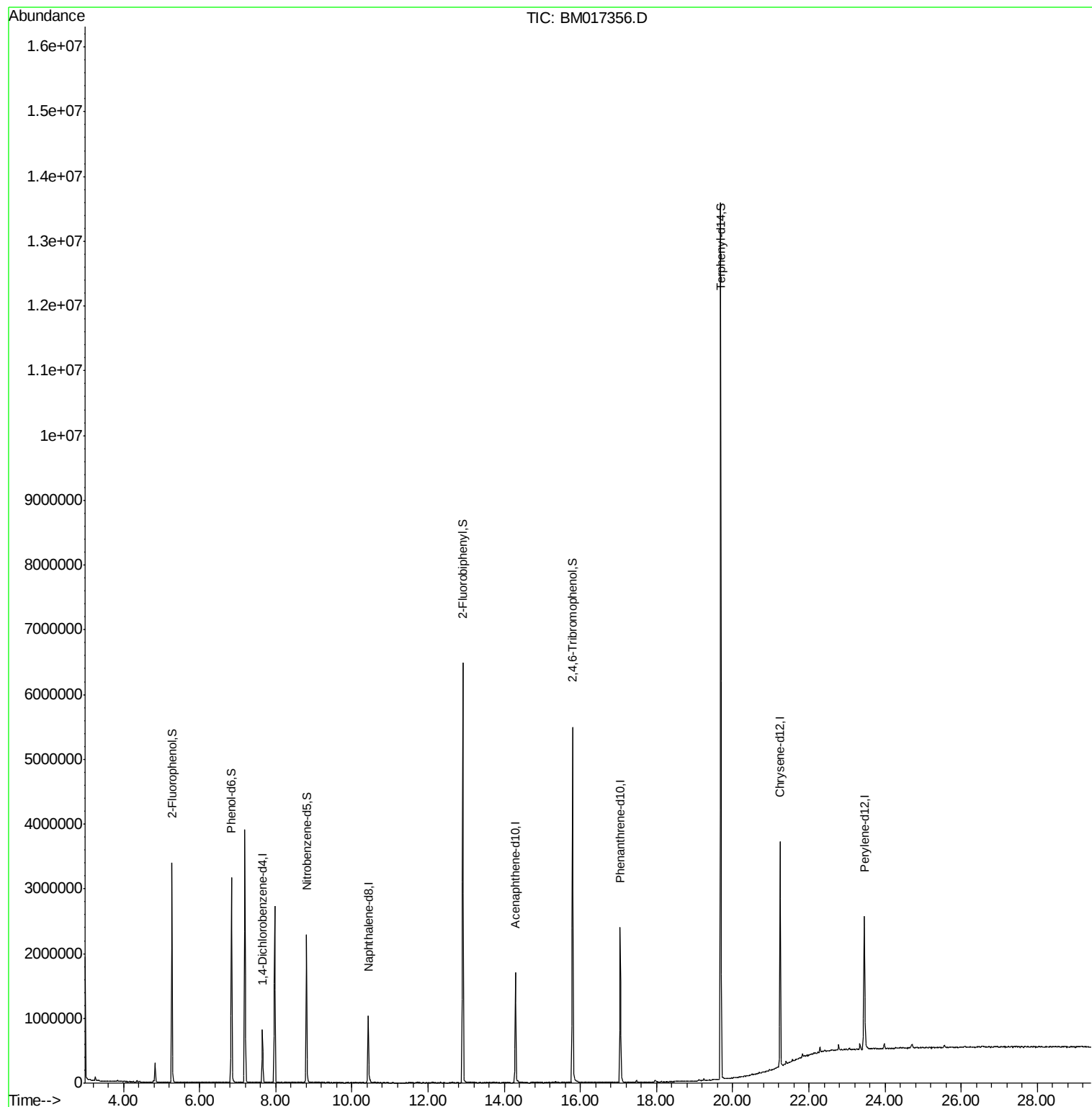
Target Compounds Qvalue

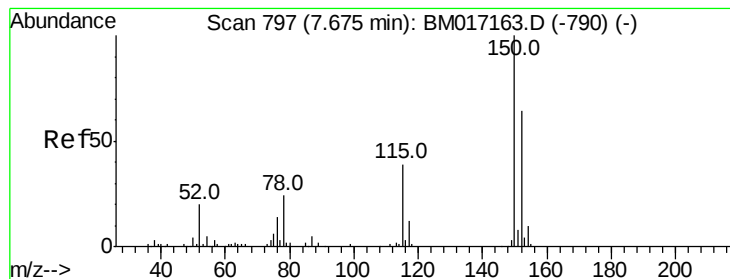
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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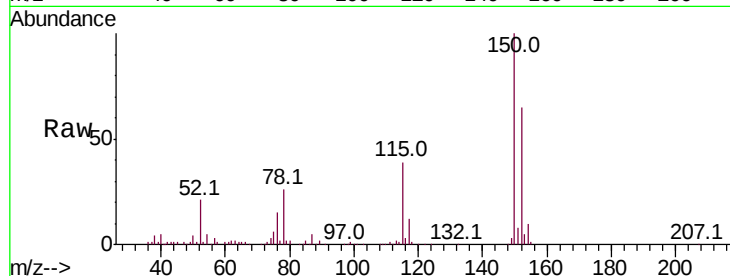


#1

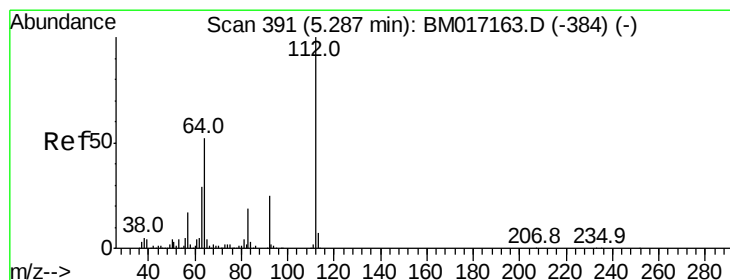
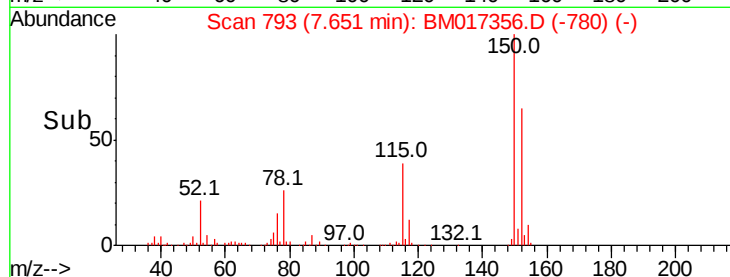
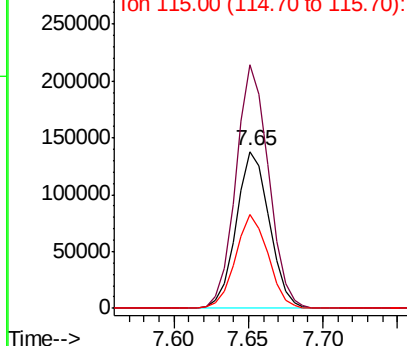
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017356.D
Acq: 26 Oct 2018 19:59

Instrument :
BNA_M
ClientSampleId :
SU-01-102518-A

Tot Ion:152 Resp: 213178
Ion Ratio Lower Upper
152 100
150 155.0 124.3 186.5
115 59.8 48.1 72.1



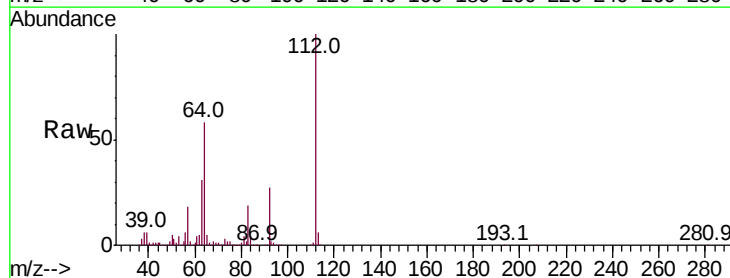
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



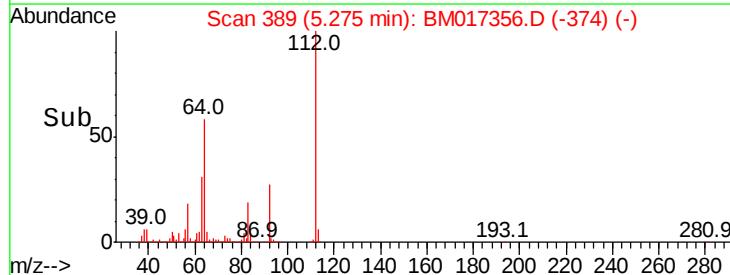
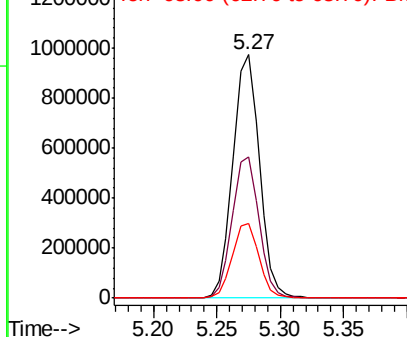
#5

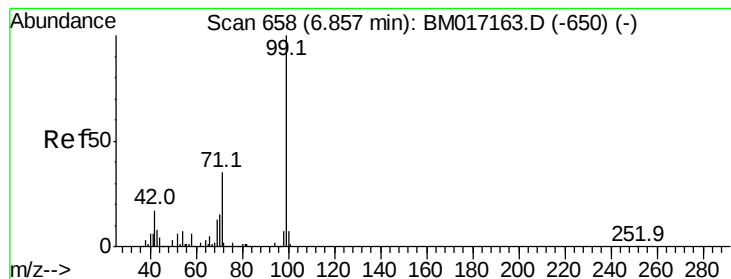
2-Fluorophenol
Concen: 112.208 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017356.D
Acq: 26 Oct 2018 19:59

Tgt Ion:112 Resp: 1414290
Ion Ratio Lower Upper
112 100
64 58.1 41.7 62.5
63 30.5 23.0 34.4



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: 102.575 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

Instrument :

BNA_M

ClientSampleId :

SU-01-102518-A

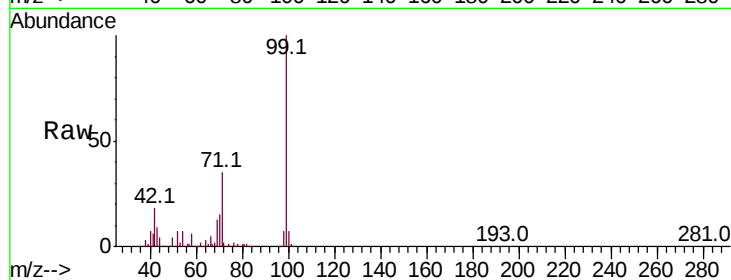
Tot Ion: 99 Resp: 1760820

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

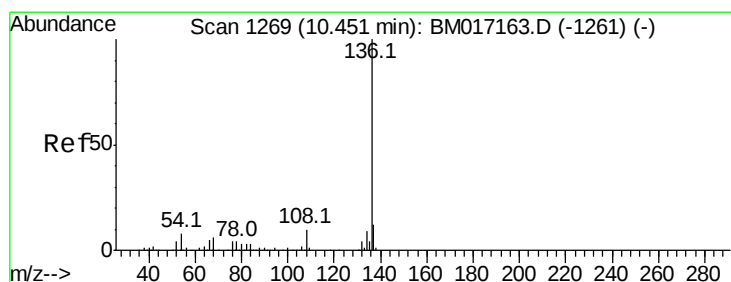
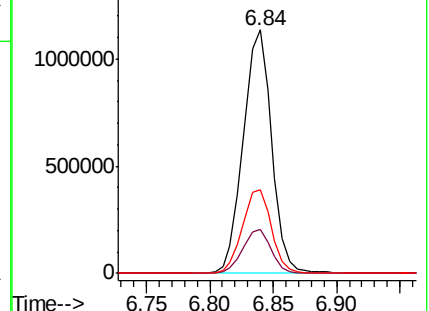
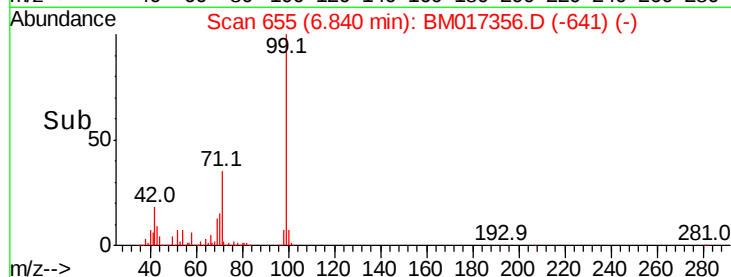
71 34.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

Tgt Ion: 136 Resp: 889678

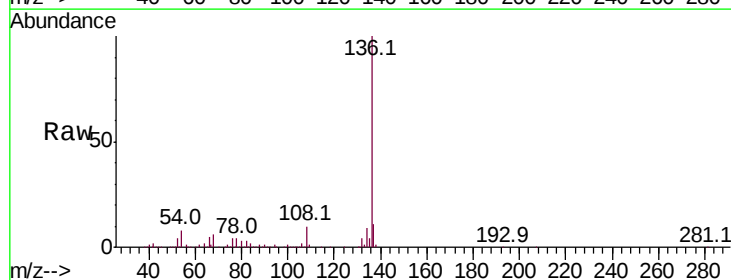
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.0 6.7 10.1

68 5.5 4.7 7.1

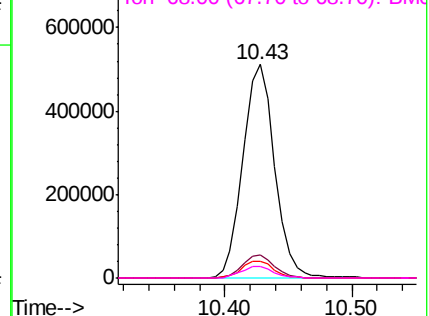
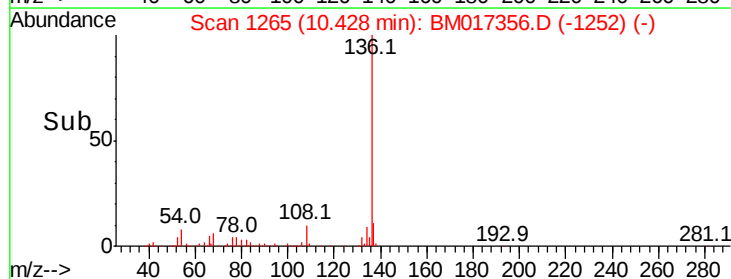


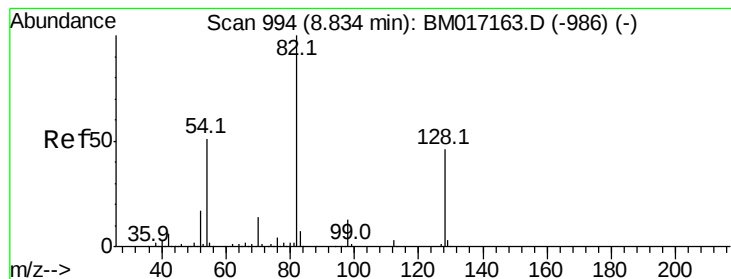
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 86.794 ng

RT: 8.80 min Scan# 989

Delta R.T. -0.03 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

Instrument :

BNA_M

ClientSampleId :

SU-01-102518-A

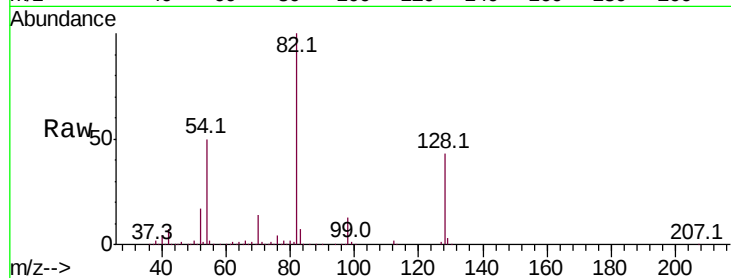
Tot Ion: 82 Resp: 1320300

Ion Ratio Lower Upper

82 100

128 43.0 37.0 55.6

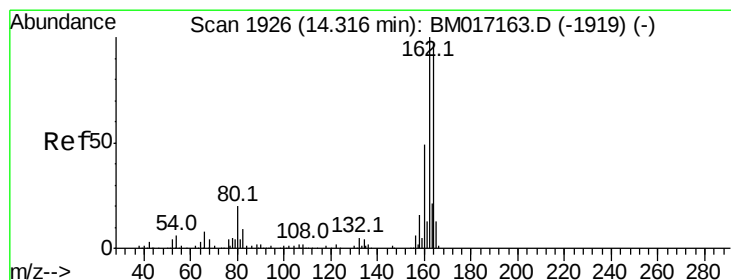
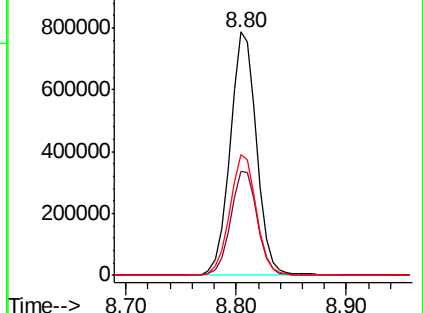
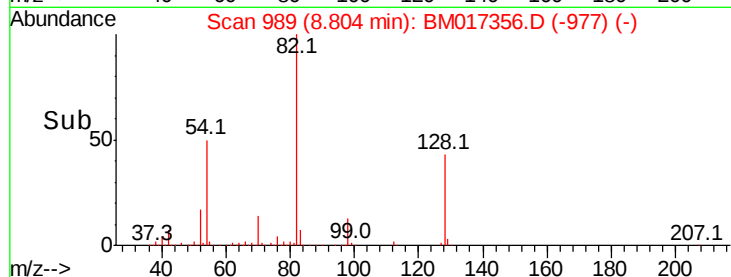
54 49.6 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

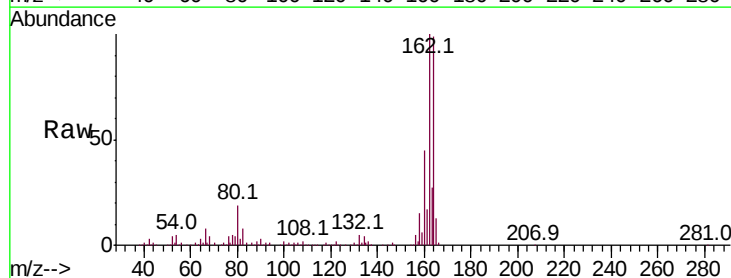
Tgt Ion: 164 Resp: 566191

Ion Ratio Lower Upper

164 100

162 101.4 82.1 123.1

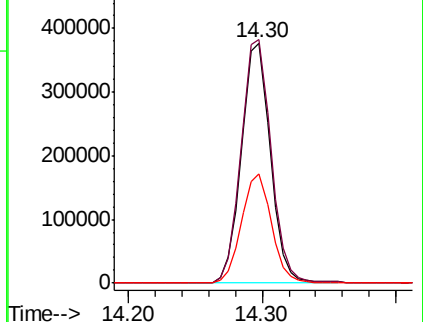
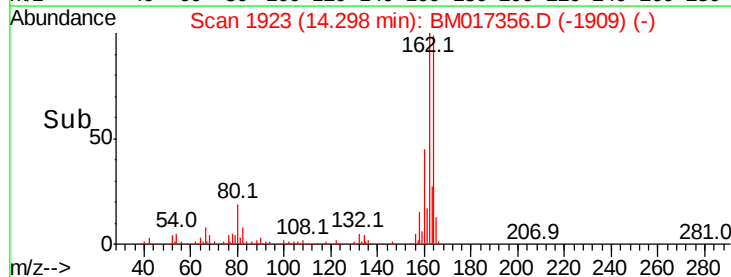
160 45.3 40.2 60.2

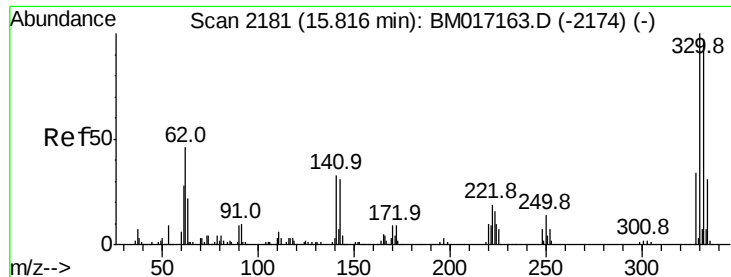


Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)

Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)

Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)

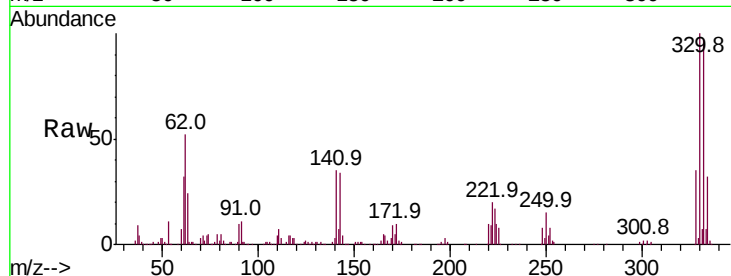




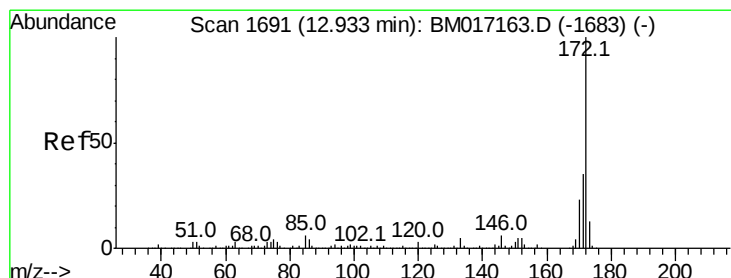
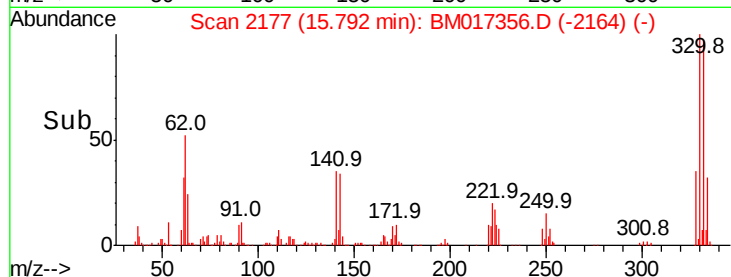
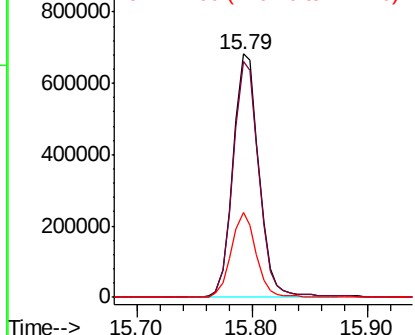
#42
 2,4,6-Tribromophenol
 Concen: 139.270 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017356.D
 Acq: 26 Oct 2018 19:59

Instrument :
 BNA_M
 ClientSampleId :
 SU-01-102518-A

Tot Ion:330 Resp: 1066374
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.6 27.4 41.0

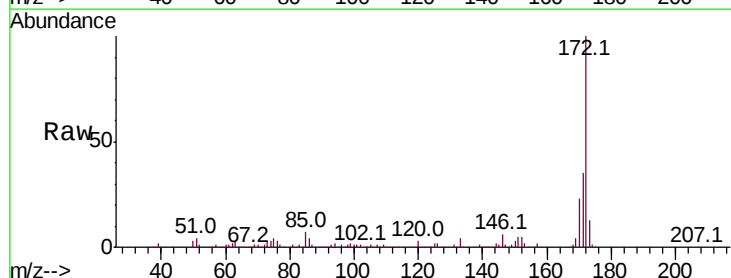


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

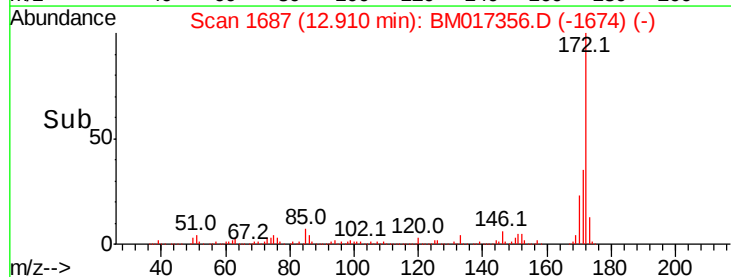
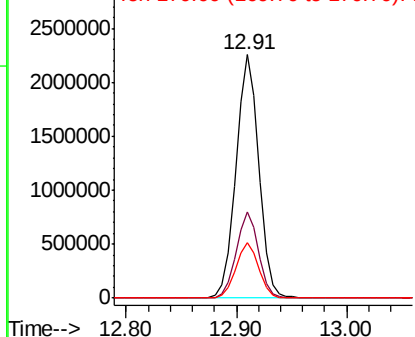


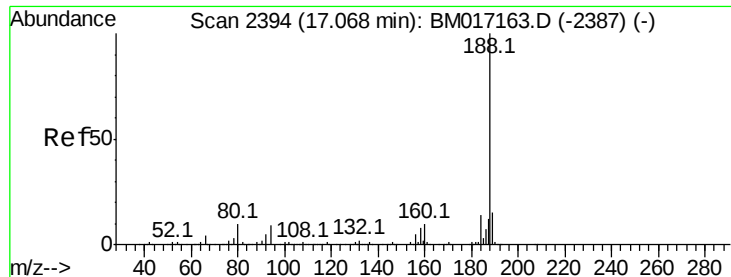
#45
 2-Fluorobiphenyl
 Concen: 77.033 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017356.D
 Acq: 26 Oct 2018 19:59

Tgt Ion:172 Resp: 3278036
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 22.8 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

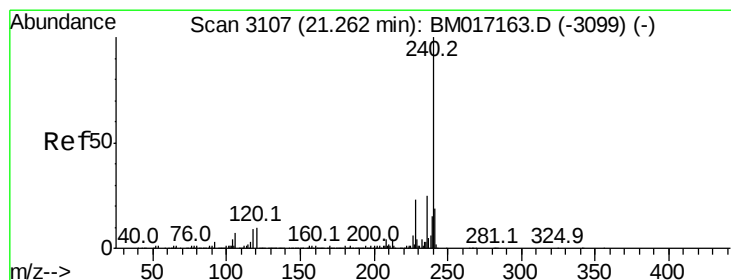
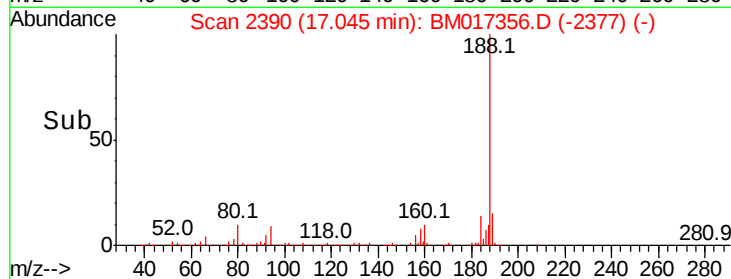
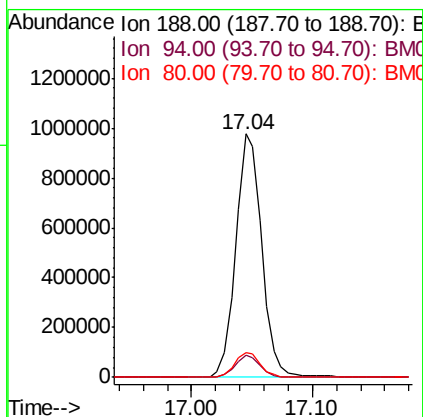
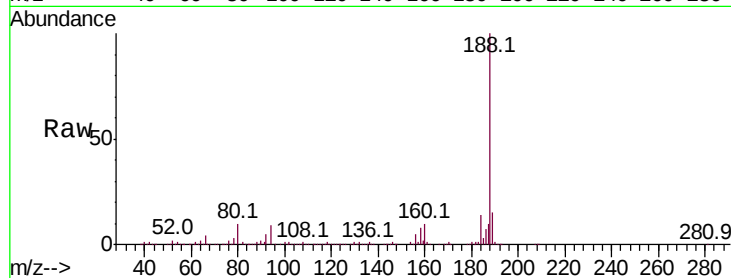




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BM017356.D
Acq: 26 Oct 2018 19:59

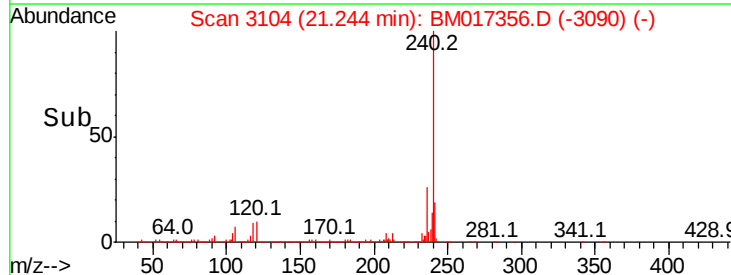
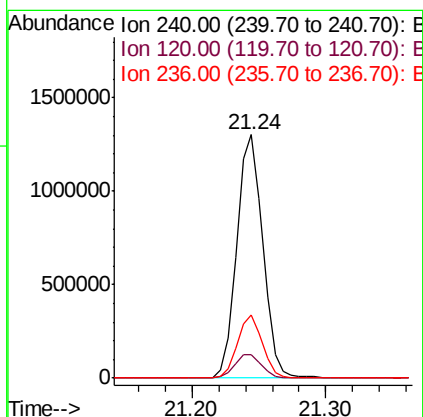
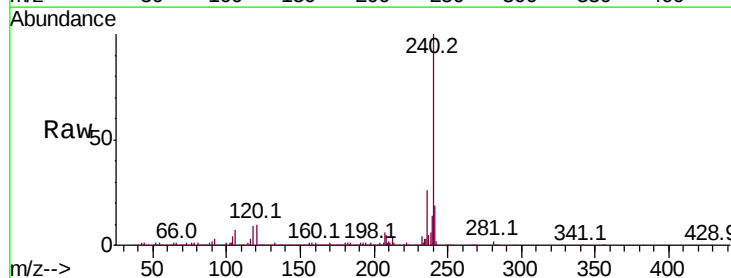
Instrument :
BNA_M
ClientSampleId :
SU-01-102518-A

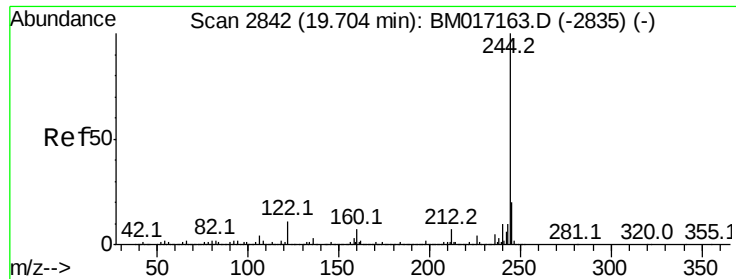
Tot Ion:188 Resp: 1461531
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017356.D
Acq: 26 Oct 2018 19:59

Tgt Ion:240 Resp: 1765899
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 25.7 19.9 29.9





#79

Terphenyl-d14

Concen: 81.444 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

Instrument :

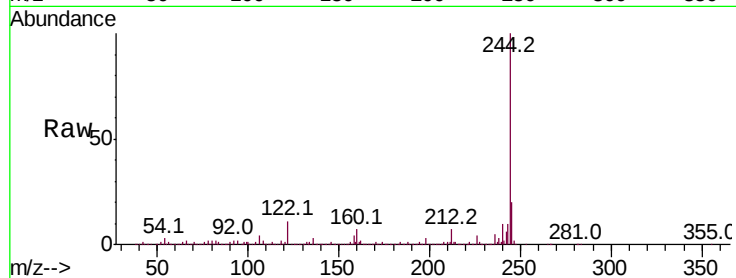
BNA_M

ClientSampleId :

SU-01-102518-A

Tot Ion:244 Resp: 6380751

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	11.1	8.4	12.6

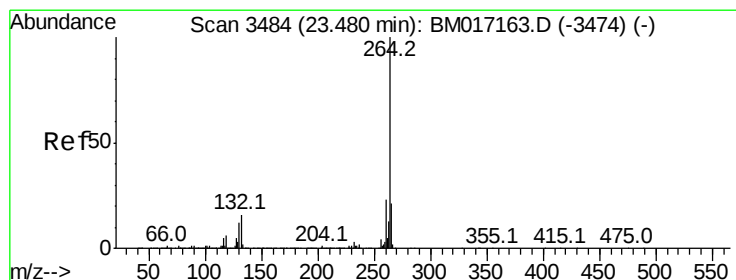
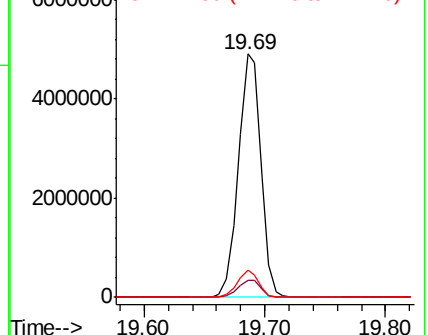
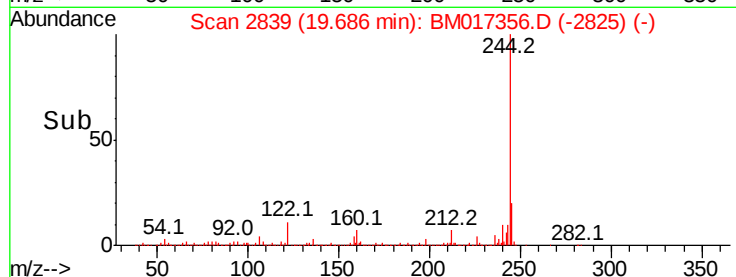


Abundance

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: 23.46 min Scan# 3480

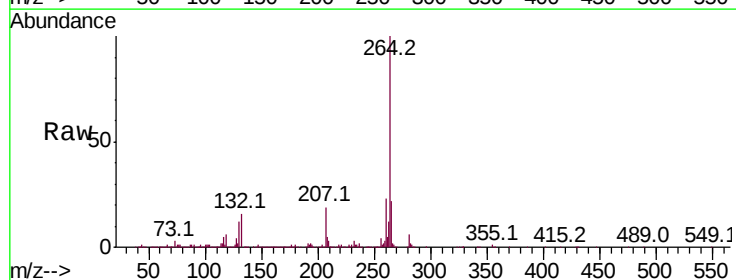
Delta R.T. -0.02 min

Lab File: BM017356.D

Acq: 26 Oct 2018 19:59

Tgt Ion:264 Resp: 1624625

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.8	17.8	26.8



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

