

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017288.D
 Acq On : 23 Oct 2018 17:12
 Operator : MJ/SJ
 Sample : PB114097TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114097TB

Quant Time: Oct 24 12:16:49 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	236179	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	918890	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	535190	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1311277	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1506581	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1315785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1612151	115.45	ng	0.00
7) Phenol-d6	6.85	99	2121940	111.57	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1258395	80.09	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	948147	131.00	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3019666	75.07	ng	-0.02
79) Terphenyl-d14	19.69	244	5320434	79.60	ng	-0.01

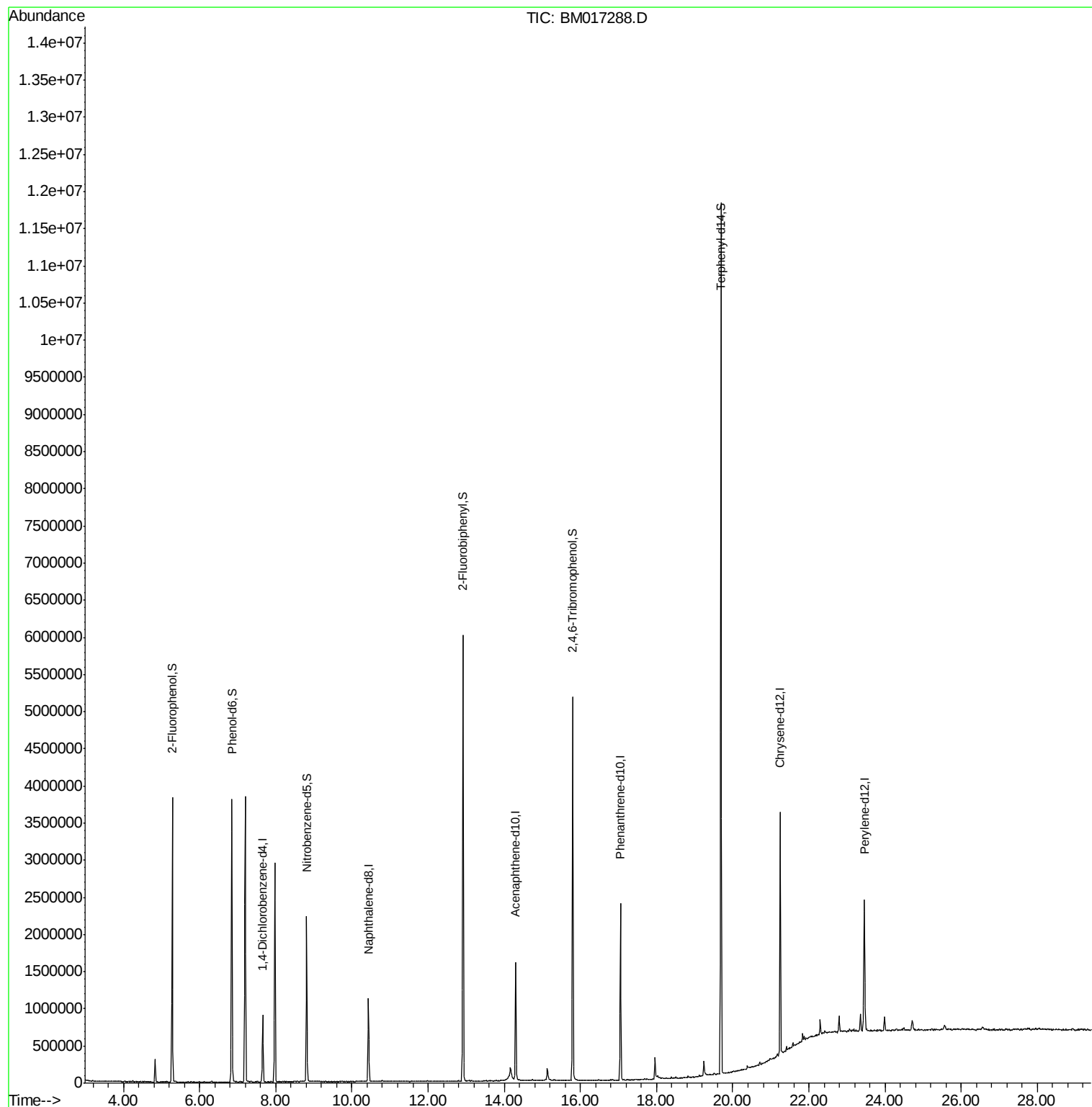
Target Compounds	Qvalue
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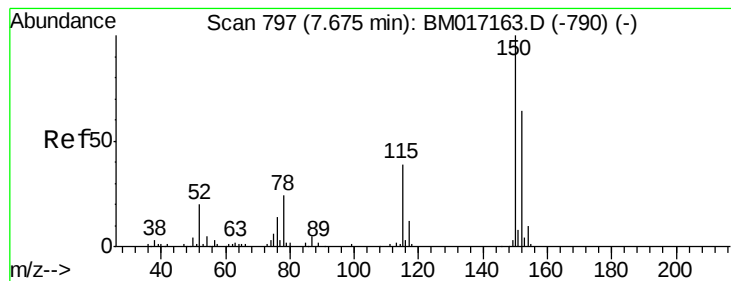
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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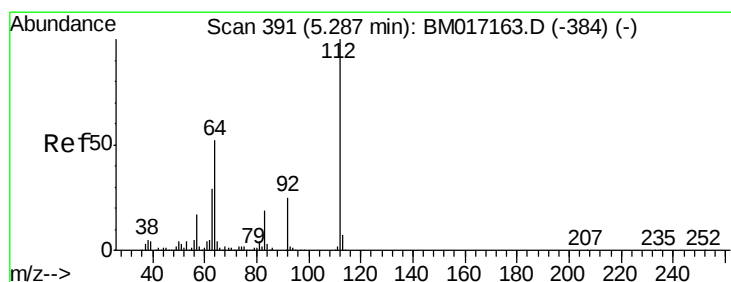
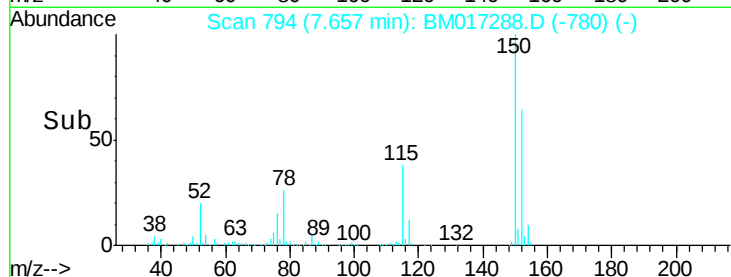
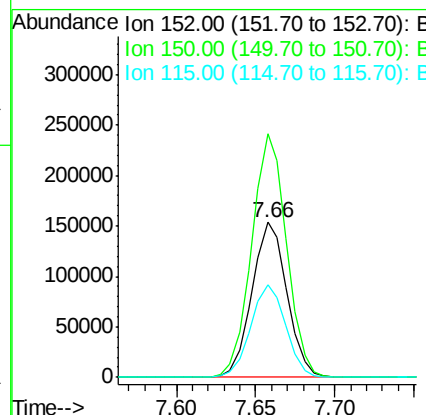
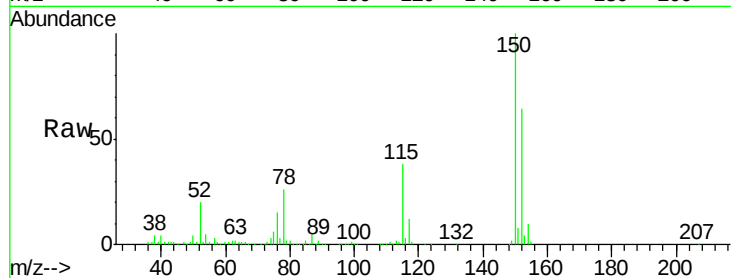


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Instrument :
BNA_M
ClientSampleId :
PB114097TB

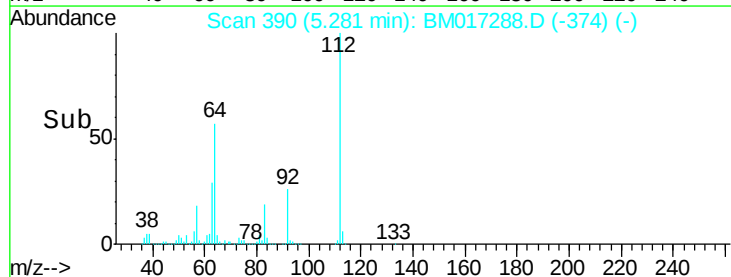
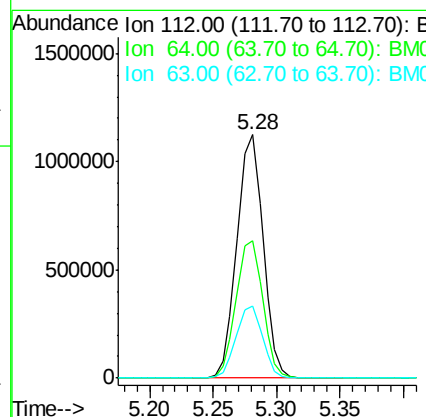
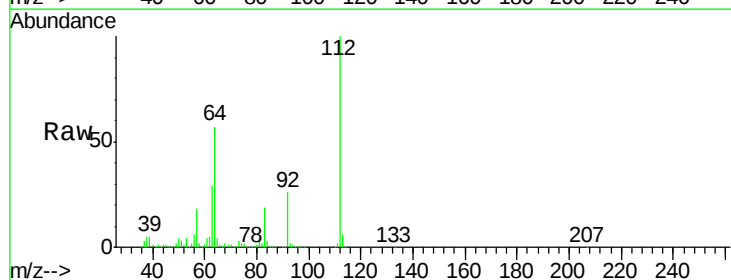
Tgt Ion:152 Resp: 236179
Ion Ratio Lower Upper
152 100
150 157.3 124.3 186.5
115 59.4 48.1 72.1

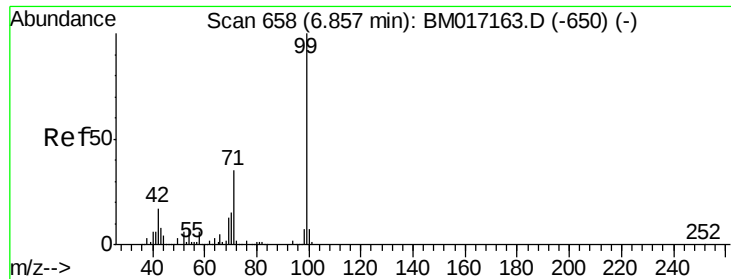


#5

2-Fluorophenol
Concen: 115.450 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.00 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Tgt Ion:112 Resp: 1612151
Ion Ratio Lower Upper
112 100
64 56.6 41.7 62.5
63 29.4 23.0 34.4





#7

Phenol-d6

Concen: 111.574 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampleId :

PB114097TB

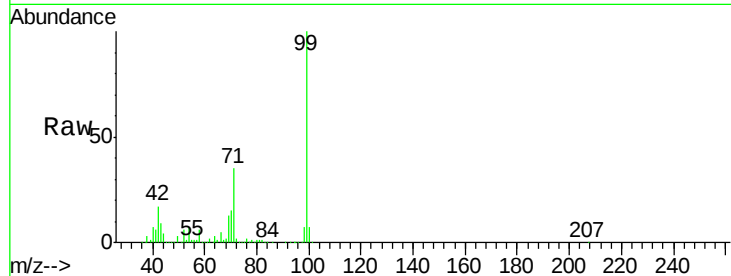
Tgt Ion: 99 Resp: 2121940

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

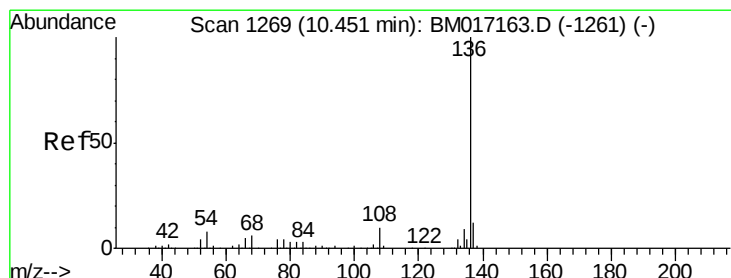
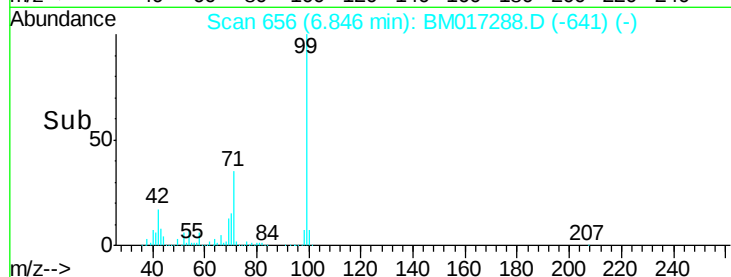
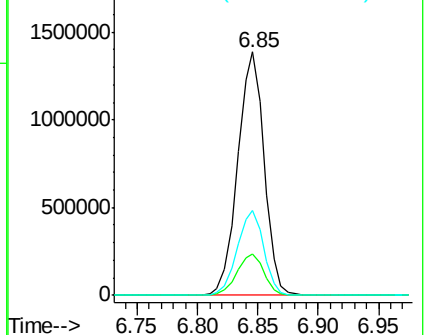
71 35.1 28.0 42.0



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# 1266

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Tgt Ion: 136 Resp: 918890

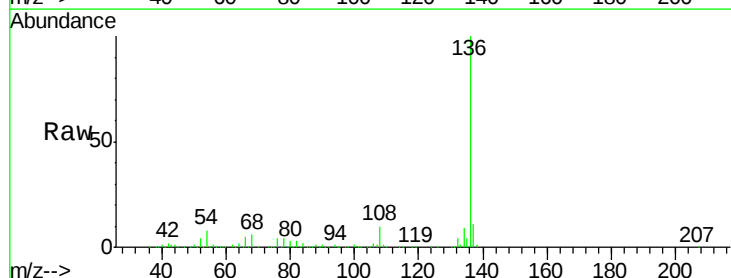
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.5 6.7 10.1

68 5.7 4.7 7.1

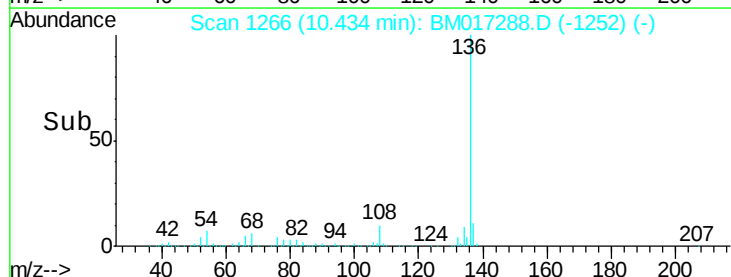
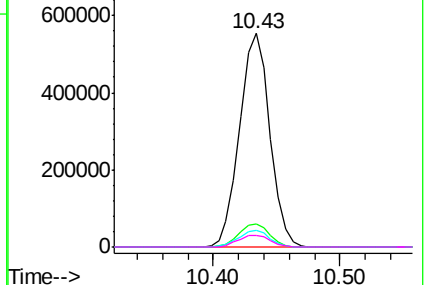


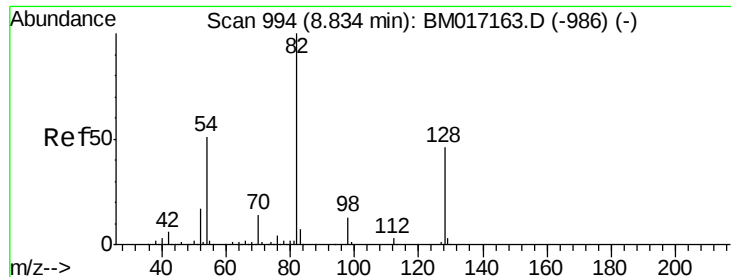
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

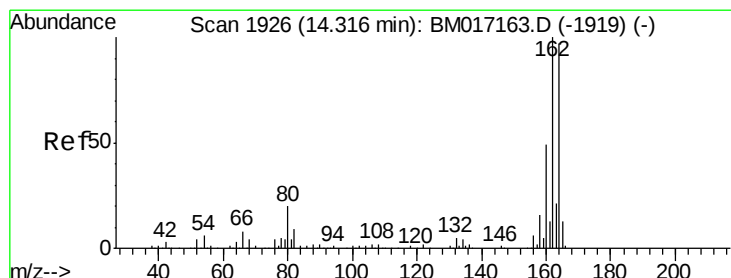
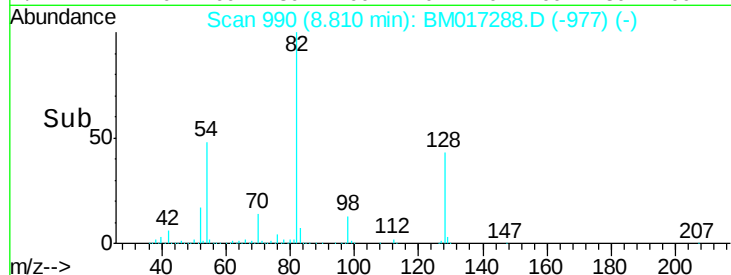
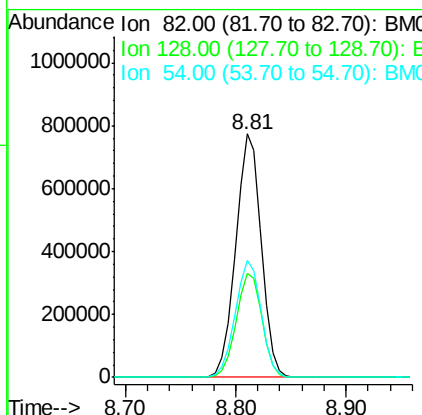
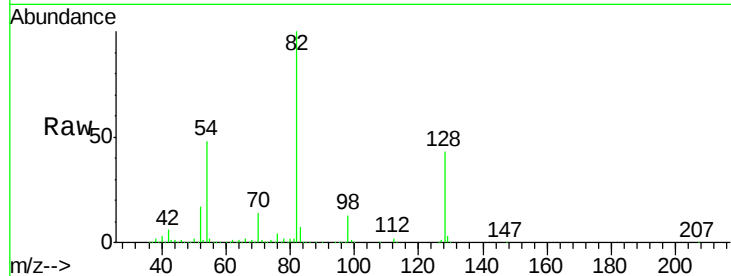




#23
 Nitrobenzene-d5
 Concen: 80.095 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

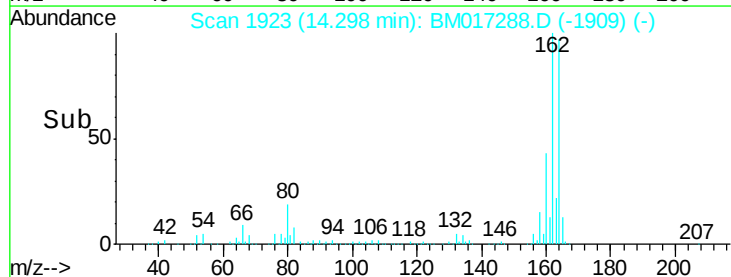
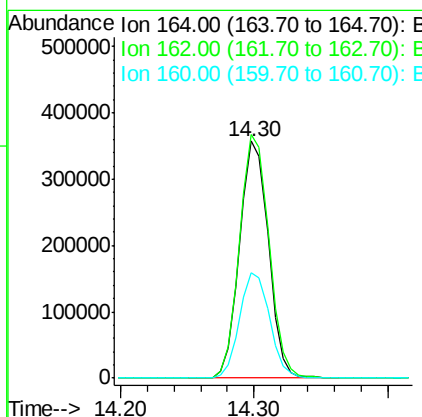
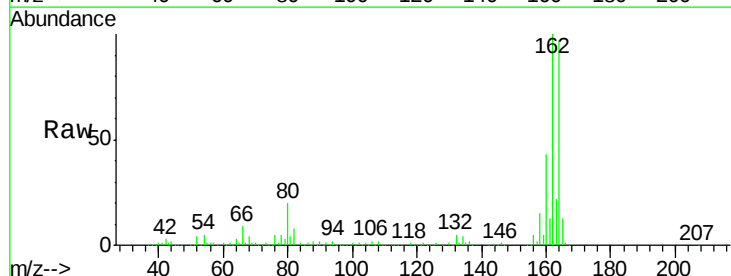
Instrument :
 BNA_M
 ClientSampleId :
 PB114097TB

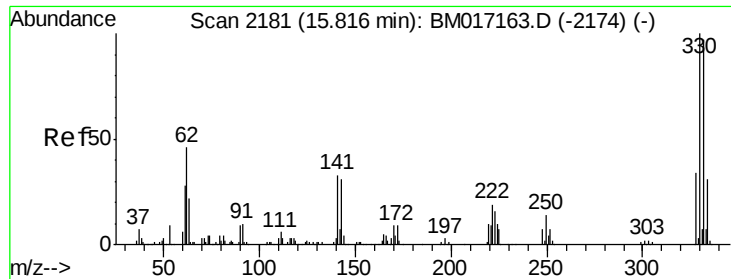
Tgt Ion: 82 Resp: 1258395
 Ion Ratio Lower Upper
 82 100
 128 42.7 37.0 55.6
 54 48.3 40.7 61.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017288.D
 Acq: 23 Oct 2018 17:12

Tgt Ion: 164 Resp: 535190
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 44.6 40.2 60.2





#42

2,4,6-Tribromophenol

Concen: 131.002 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampleId :

PB114097TB

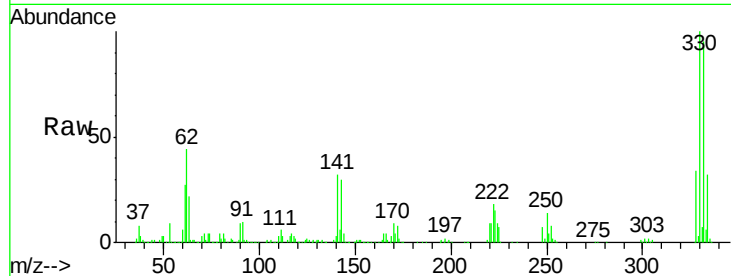
Tgt Ion:330 Resp: 948147

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

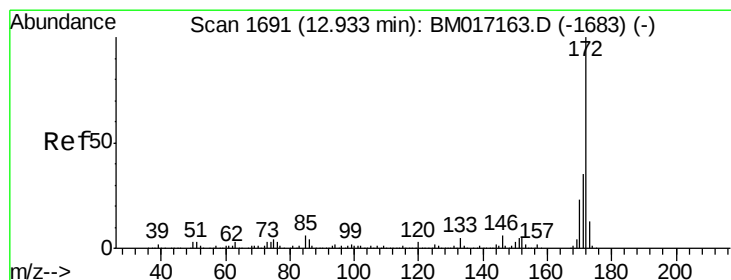
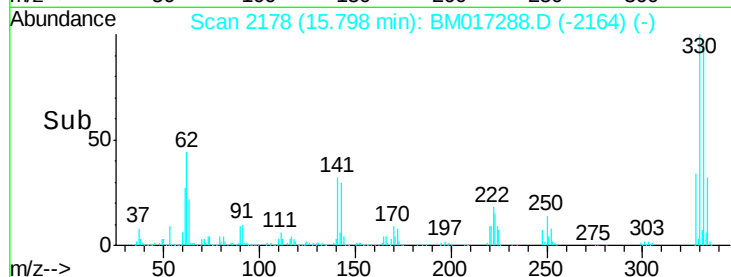
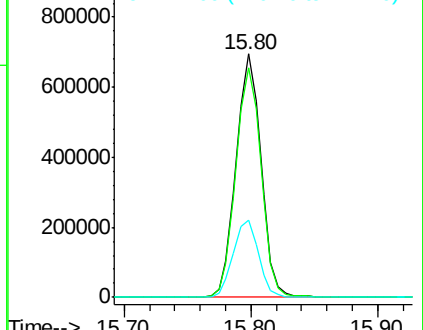
141 32.2 27.4 41.0



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: 75.072 ng

RT: 12.92 min Scan# 1688

Delta R.T. -0.02 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

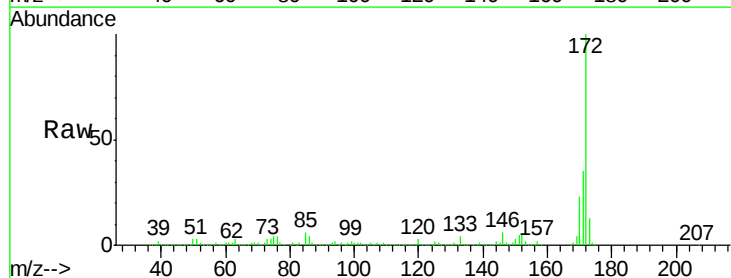
Tgt Ion:172 Resp: 3019666

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

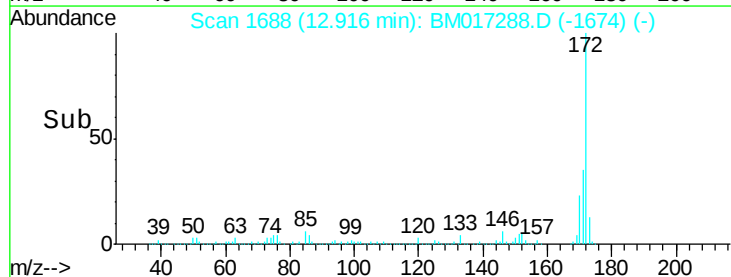
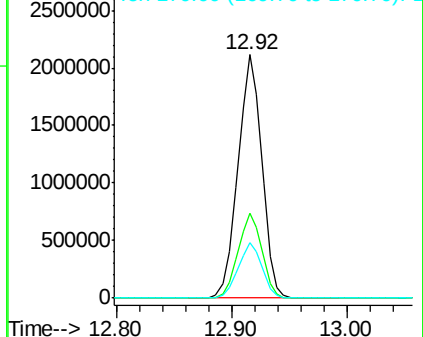
170 22.6 18.3 27.5

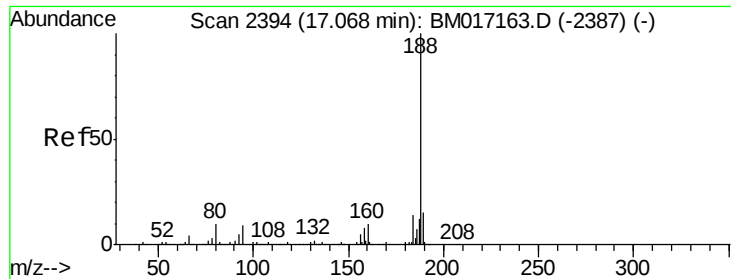


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

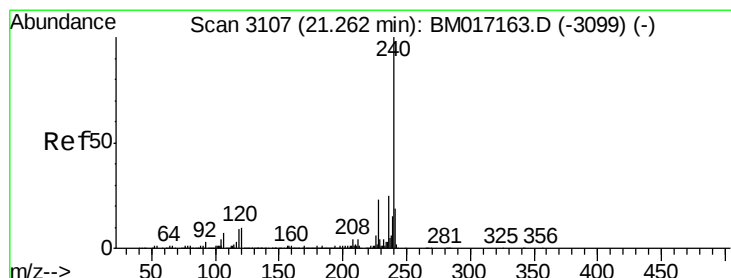
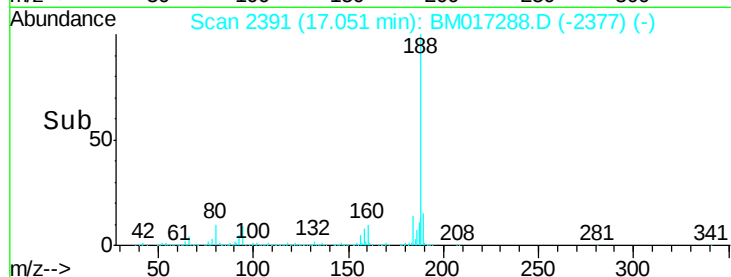
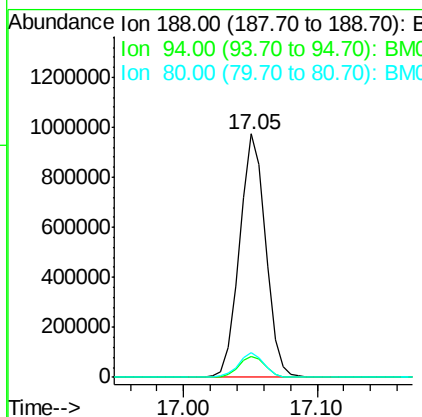
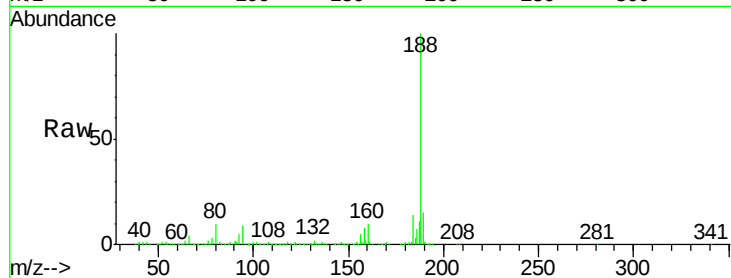




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

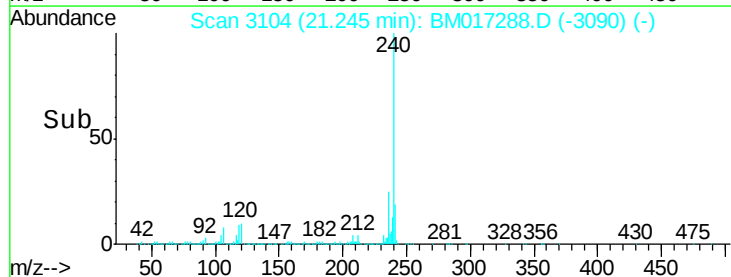
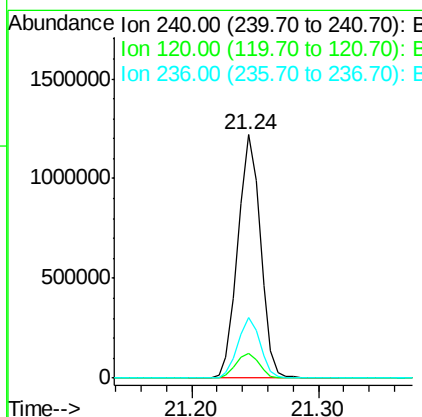
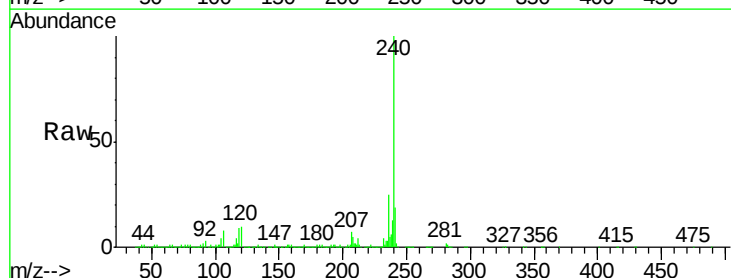
Instrument :
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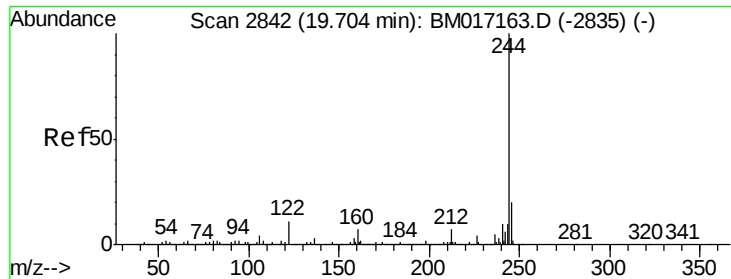
Tgt Ion:188 Resp: 1311277
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017288.D
Acq: 23 Oct 2018 17:12

Tgt Ion:240 Resp: 1506581
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 24.8 19.9 29.9





#79

Terphenyl-d14

Concen: 79.599 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017288.D

Acq: 23 Oct 2018 17:12

Instrument :

BNA_M

ClientSampleId :

PB114097TB

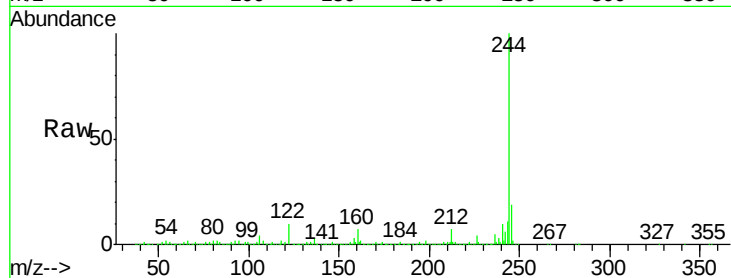
Tgt Ion:244 Resp: 5320434

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

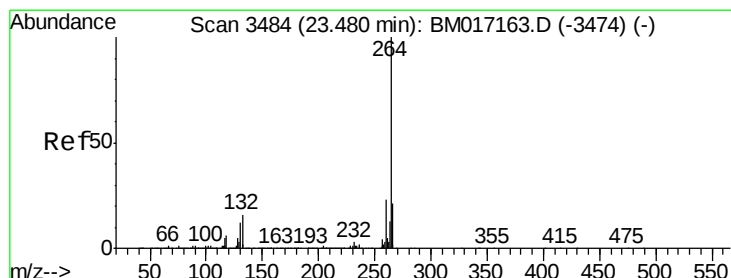
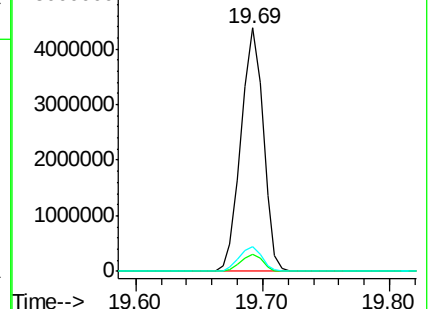
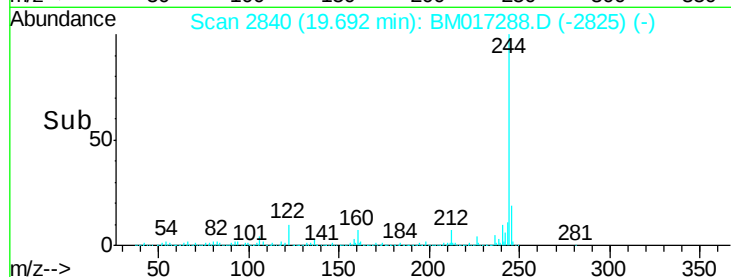
122 10.4 8.4 12.6



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: BM017288.D

Acq: 23 Oct 2018 17:12

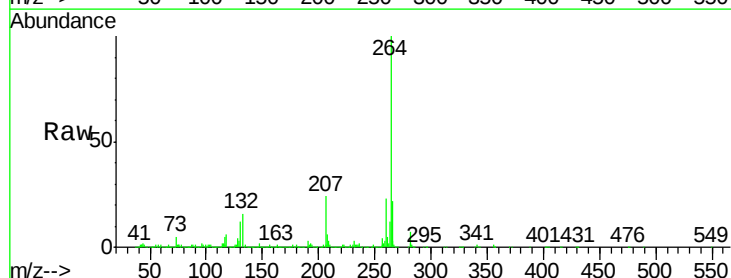
Tgt Ion:264 Resp: 1315785

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.7 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

