

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017563.D
 Acq On : 07 Nov 2018 17:00
 Operator : MJ/SJ
 Sample : PB114586BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BL

Quant Time: Nov 08 09:01:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	207975	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	773459	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	459298	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1177433	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1556757	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1666717	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1501682	122.12	ng	-0.02
7) Phenol-d6	6.81	99	1991999	118.95	ng	-0.02
23) Nitrobenzene-d5	8.77	82	1184050	89.53	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	864520	139.18	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	2791472	80.87	ng	-0.02
79) Terphenyl-d14	19.66	244	5591033	80.95	ng	-0.02

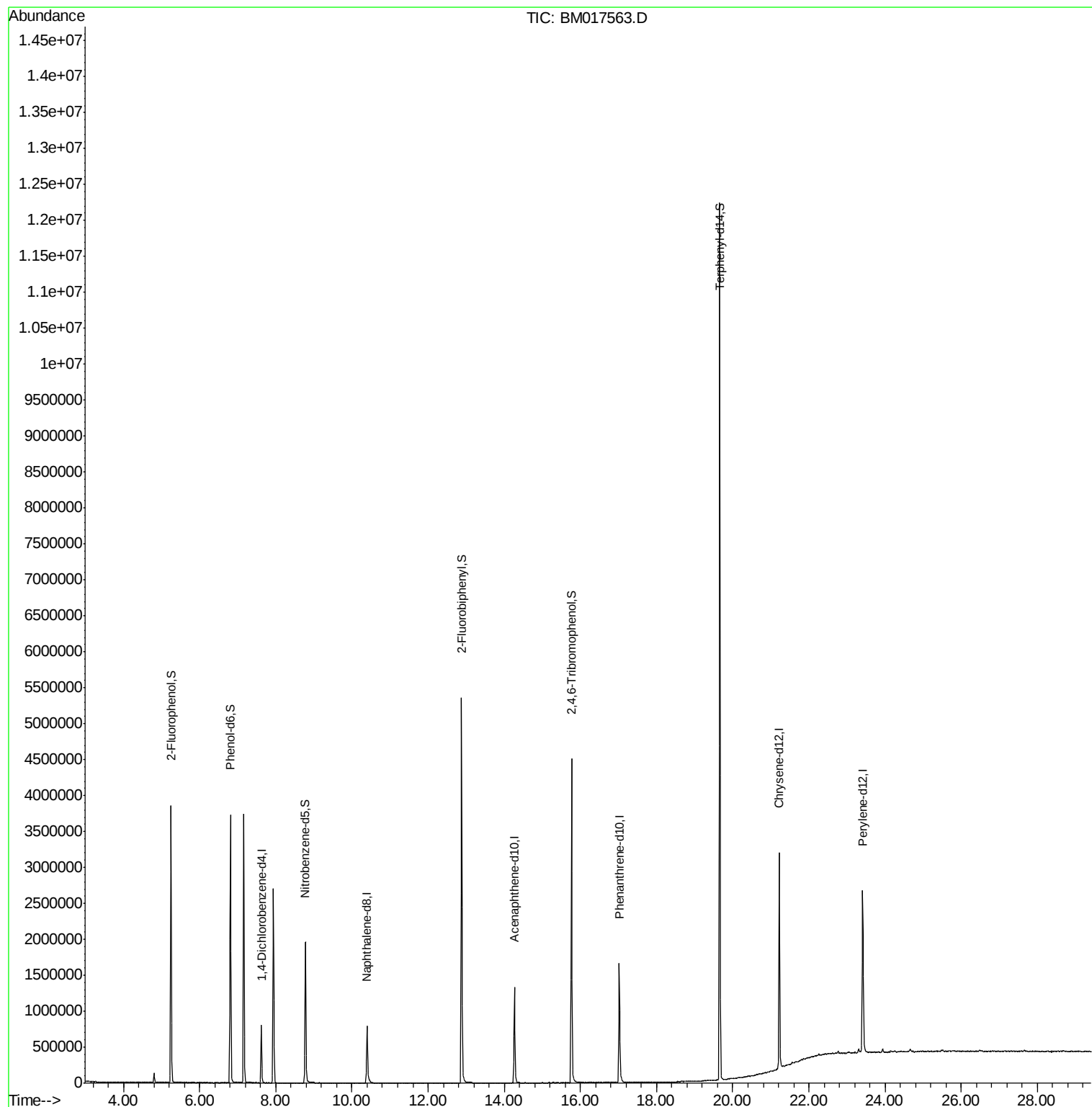
Target Compounds Qvalue

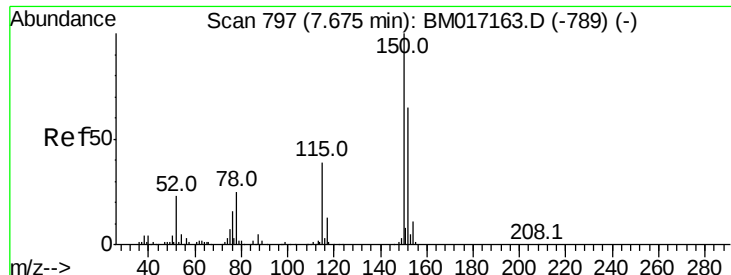
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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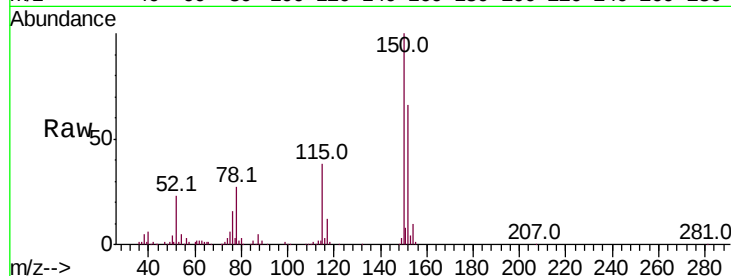


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017563.D
Acq: 07 Nov 2018 17:00

Instrument :
BNA_M
ClientSampled :
PB114586BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	58.5	48.1	72.1

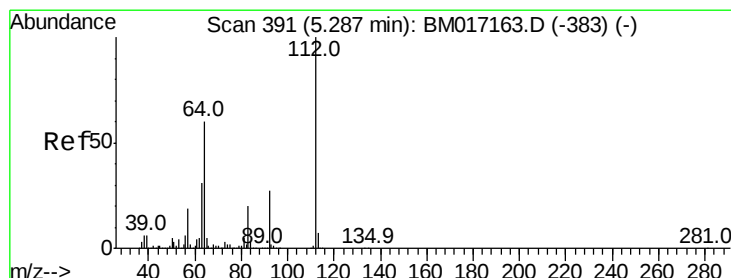
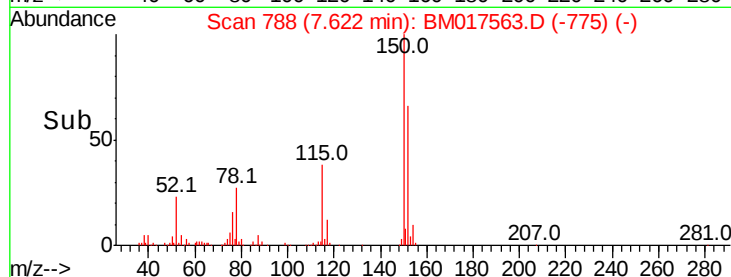
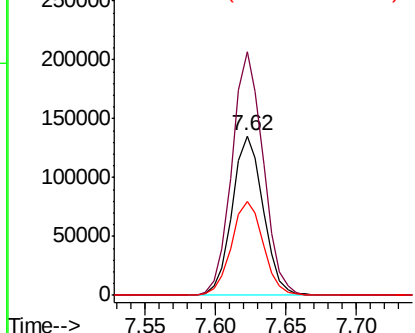


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

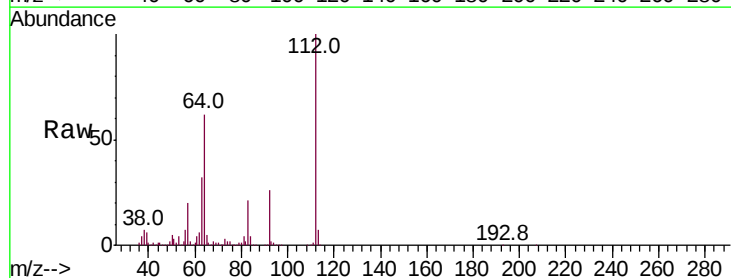
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.123 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017563.D
Acq: 07 Nov 2018 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	41.7	62.5
63	32.4	23.0	34.4

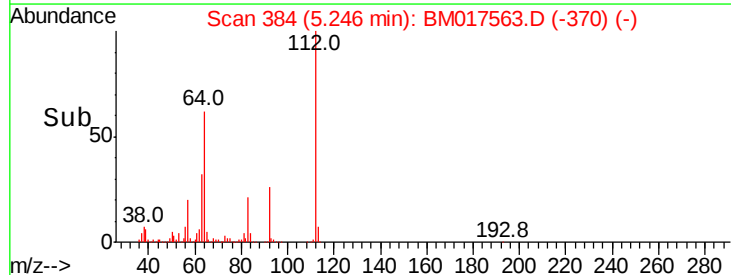
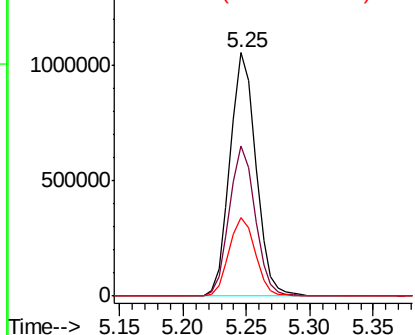


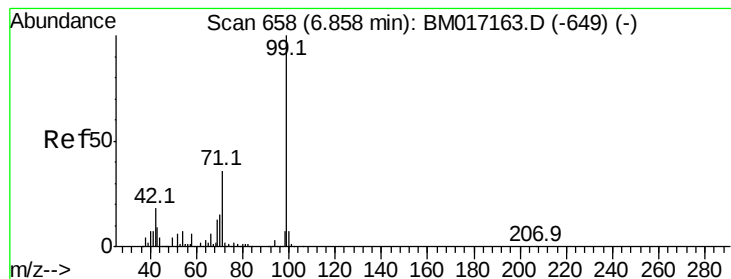
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BMC

Ion 63.00 (62.70 to 63.70): BMC





#7

Phenol-d6

Concen: 118.946 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Instrument :

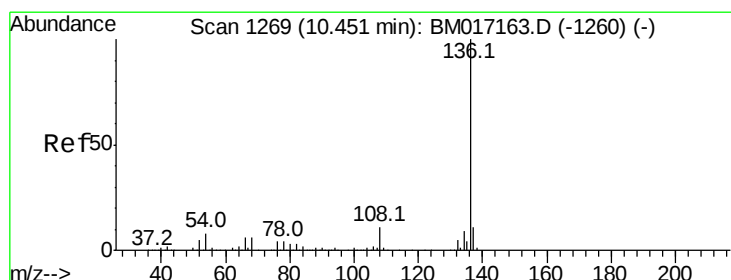
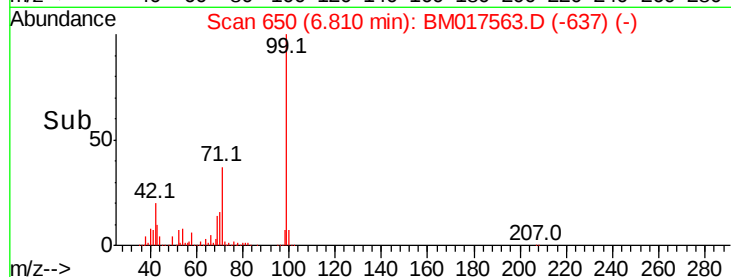
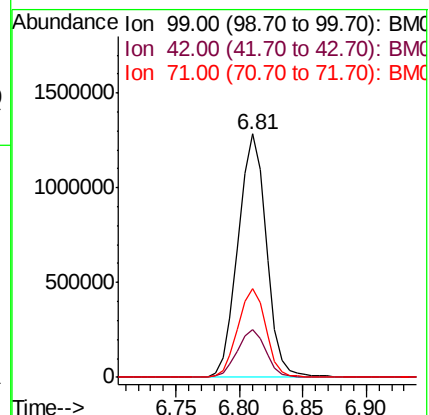
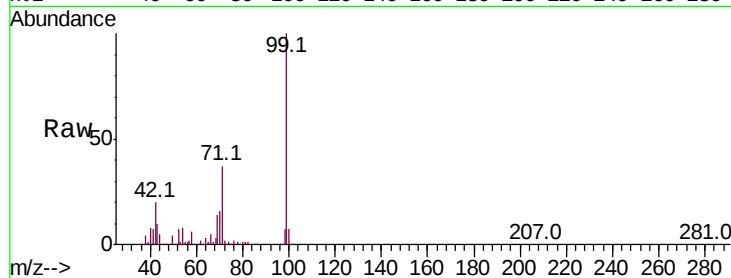
BNA_M

ClientSampleId :

PB114586BL

Tot Ion: 99 Resp: 1991999

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.3	19.9
71	36.7	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.40 min Scan# 1260

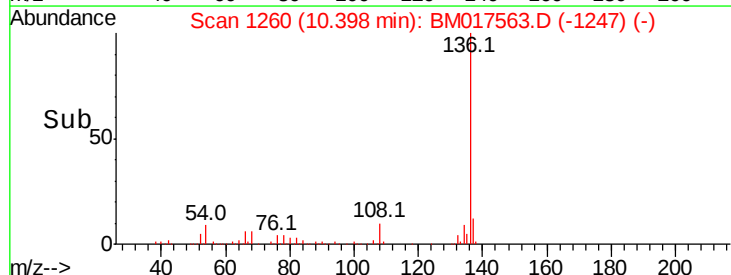
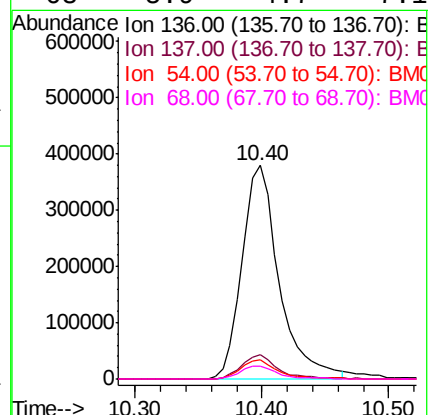
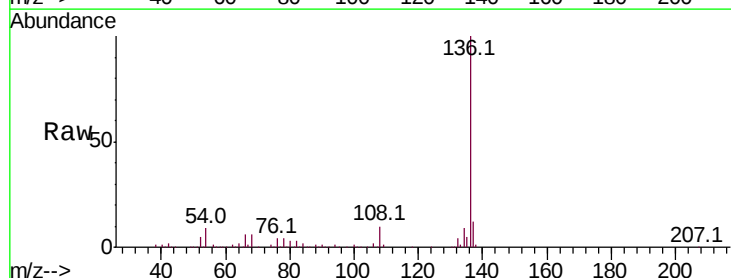
Delta R.T. -0.02 min

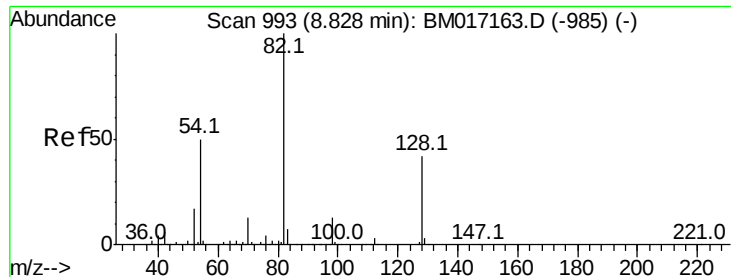
Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Tgt Ion: 136 Resp: 773459

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.8	6.7	10.1
68	5.9	4.7	7.1



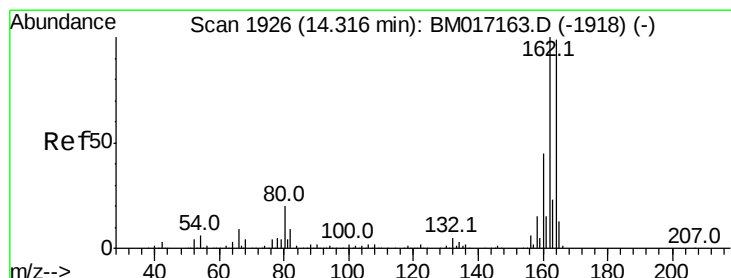
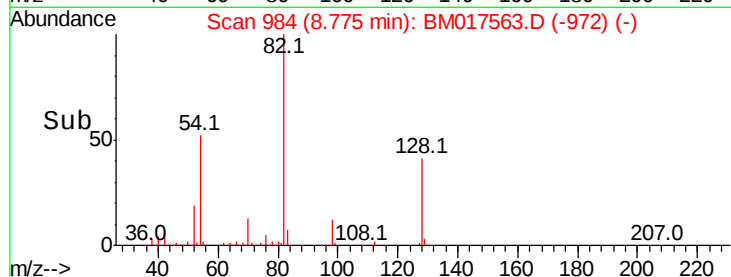
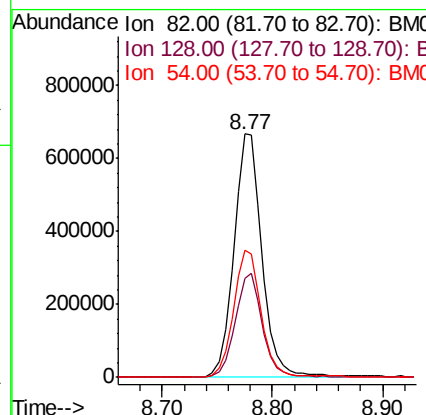
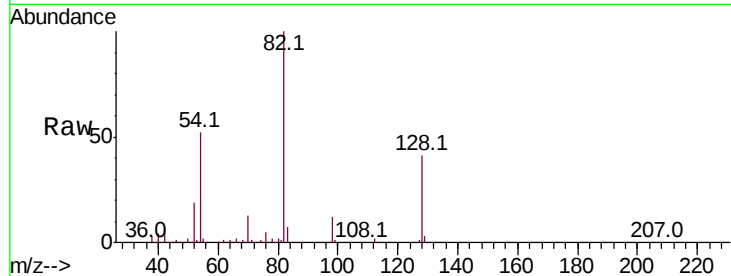


#23
 Nitrobenzene-d5
 Concen: 89.533 ng
 RT: 8.77 min Scan# 984
 Delta R.T. -0.03 min
 Lab File: BM017563.D
 Acq: 07 Nov 2018 17:00

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BL

Tot Ion: 82 Resp: 1184050

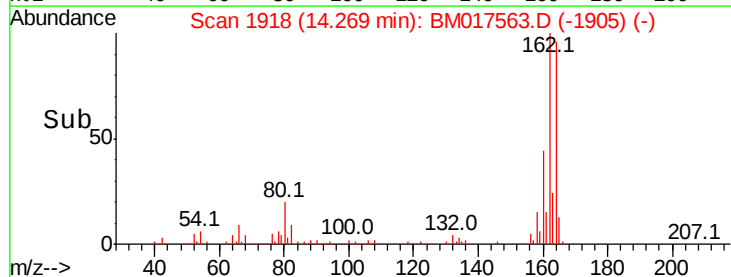
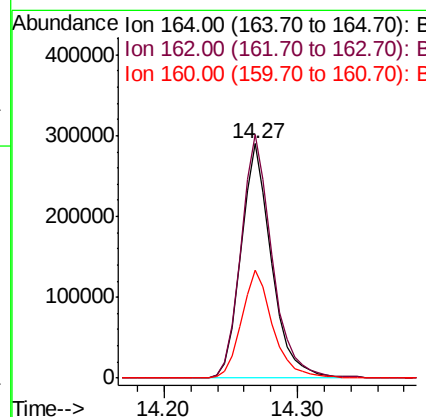
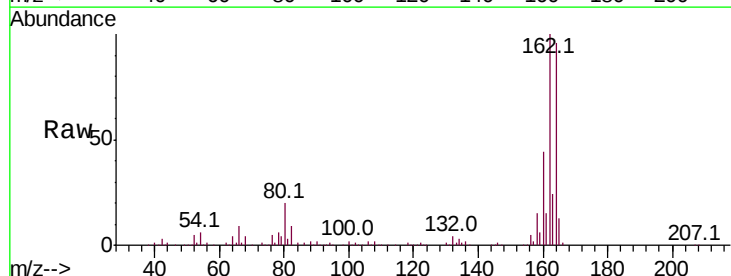
Ion	Ratio	Lower	Upper
82	100		
128	40.9	37.0	55.6
54	52.1	40.7	61.1

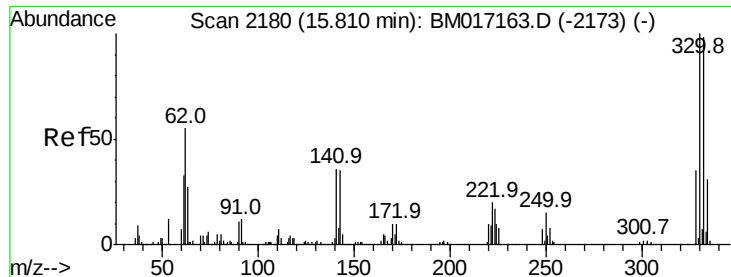


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.27 min Scan# 1918
 Delta R.T. -0.02 min
 Lab File: BM017563.D
 Acq: 07 Nov 2018 17:00

Tgt Ion: 164 Resp: 459298

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.1	123.1
160	45.8	40.2	60.2





#42

2,4,6-Tribromophenol

Concen: 139.184 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Instrument :

BNA_M

ClientSampleId :

PB114586BL

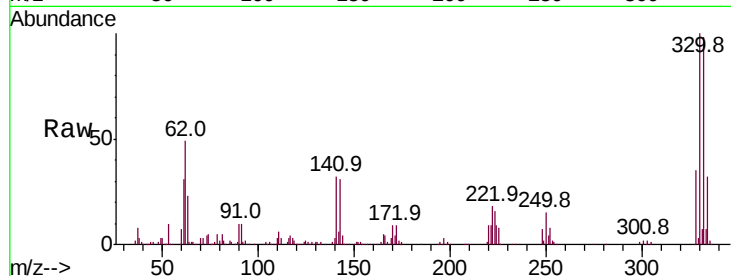
Tot Ion:330 Resp: 864520

Ion Ratio Lower Upper

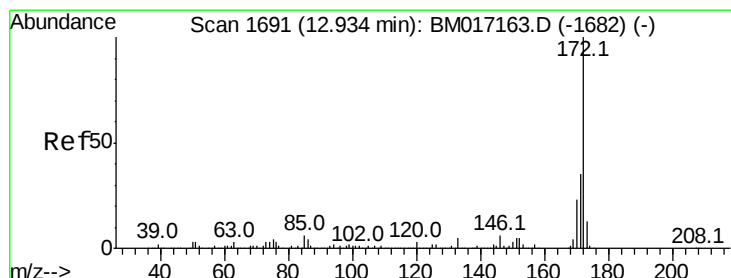
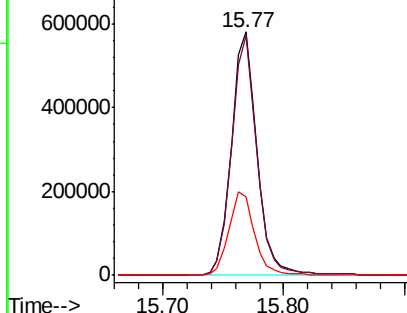
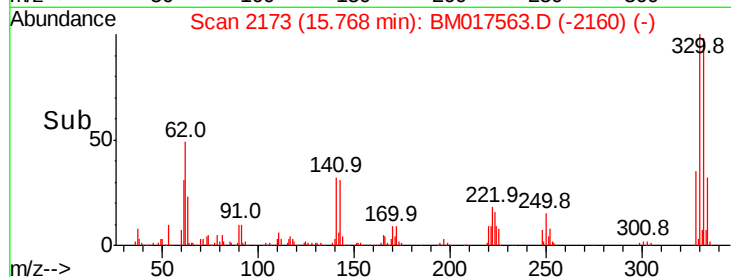
330 100

332 97.0 77.3 115.9

141 34.5 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: 80.866 ng

RT: 12.88 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

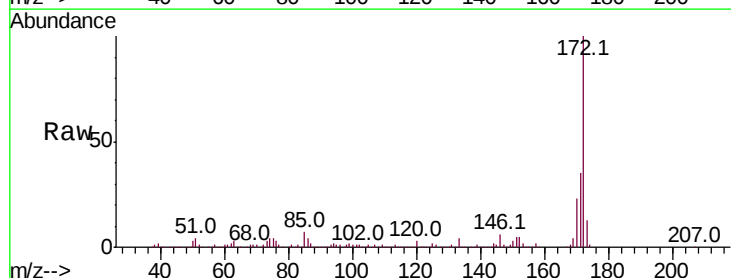
Tgt Ion:172 Resp: 2791472

Ion Ratio Lower Upper

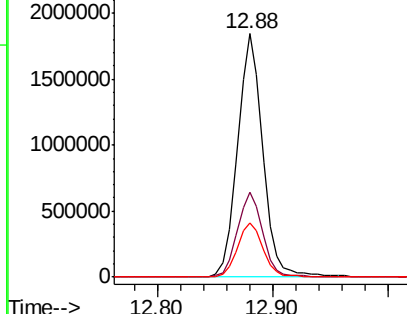
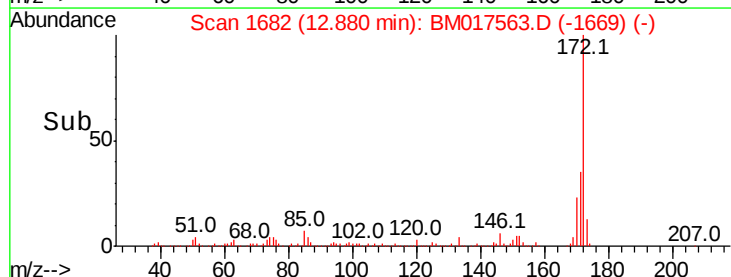
172 100

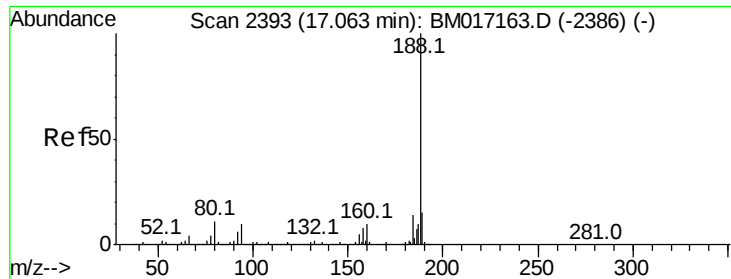
171 34.8 28.3 42.5

170 22.5 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: 17.02 min Scan# 2386

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Instrument :

BNA_M

ClientSampleId :

PB114586BL

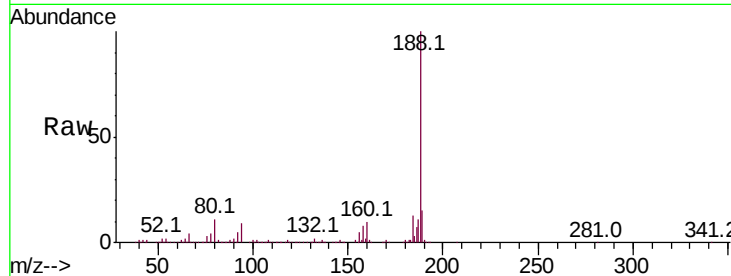
Tot Ion:188 Resp: 1177433

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

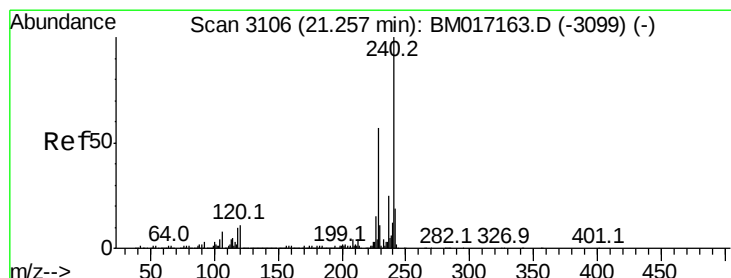
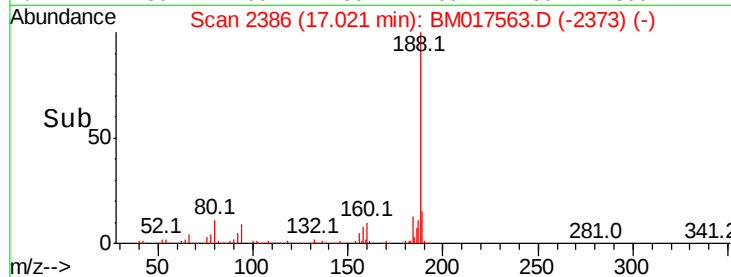
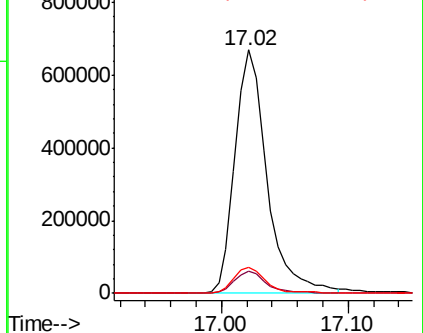
80 10.6 7.7 11.5



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: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

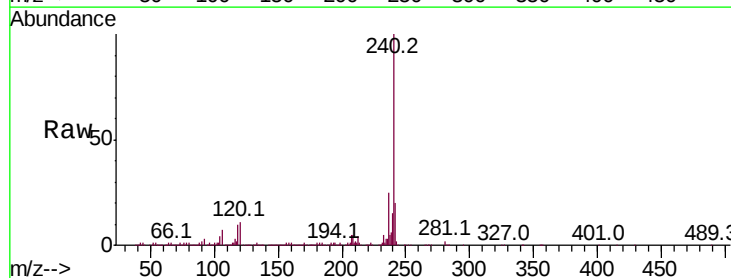
Tgt Ion:240 Resp: 1556757

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

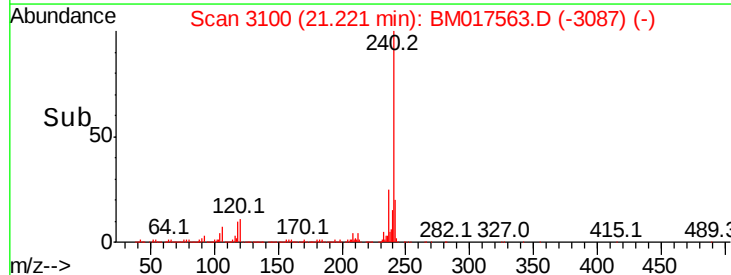
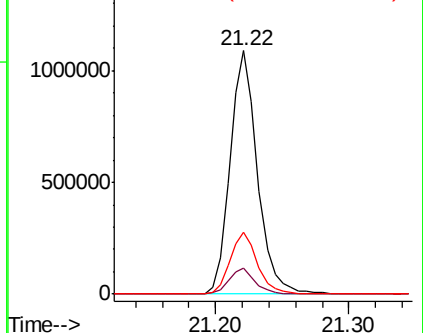
236 25.2 19.9 29.9

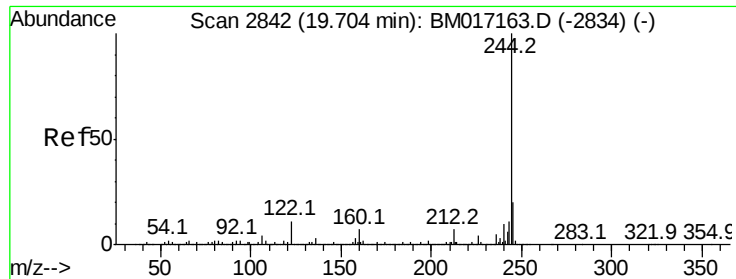


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.952 ng

RT: 19.66 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Instrument :

BNA_M

ClientSampleId :

PB114586BL

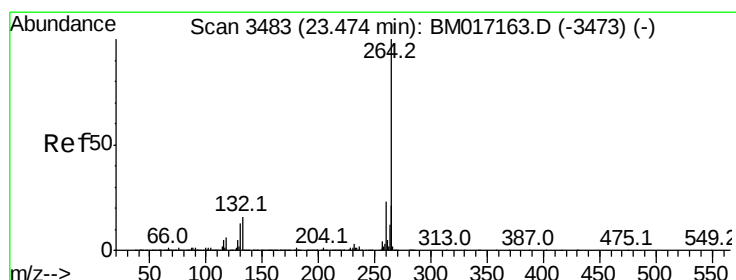
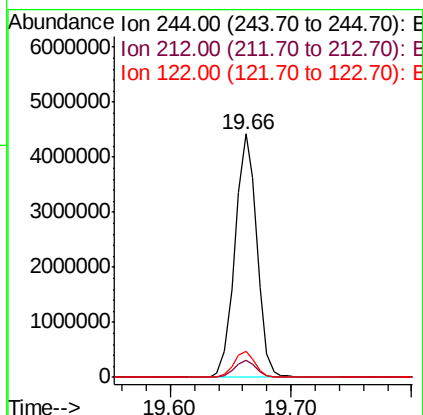
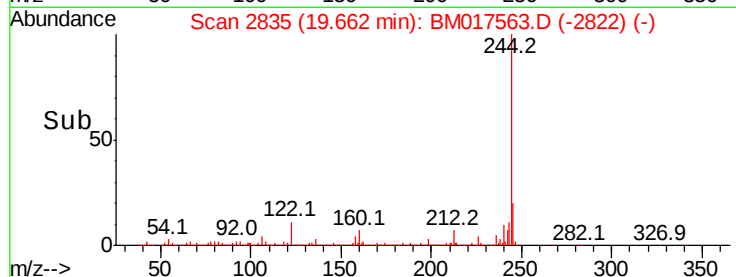
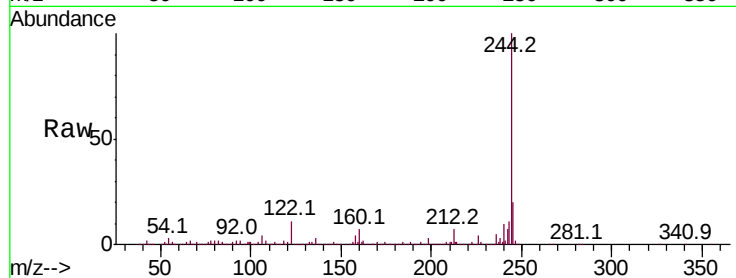
Tot Ion:244 Resp: 5591033

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.5 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.42 min Scan# 3473

Delta R.T. -0.04 min

Lab File: BM017563.D

Acq: 07 Nov 2018 17:00

Tgt Ion:264 Resp: 1666717

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 20.9 17.8 26.8

