

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017220.D
 Acq On : 19 Oct 2018 08:32
 Operator : MJ/SJ
 Sample : J5202-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-A

Quant Time: Oct 19 12:23:46 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	7.67	152	326939	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1243055	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	726684	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1576258	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1269903	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1155288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2102289	108.76	ng	0.00
7) Phenol-d6	6.85	99	2440055	92.68	ng	0.00
23) Nitrobenzene-d5	8.82	82	1931793	90.89	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1240308	126.21	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4562918	83.55	ng	0.00
79) Terphenyl-d14	19.70	244	5557053	98.63	ng	0.00

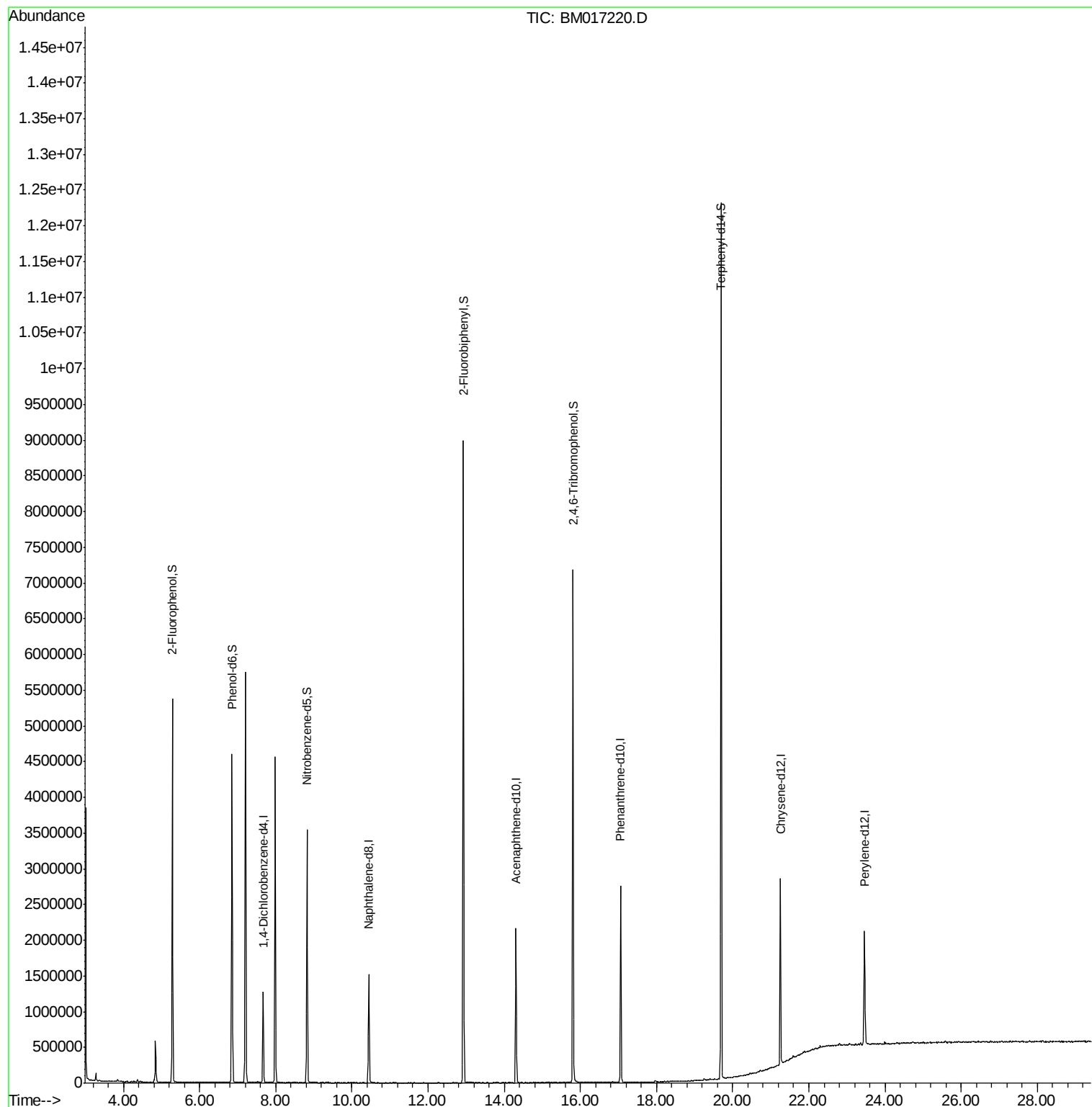
Target Compounds	Qvalue
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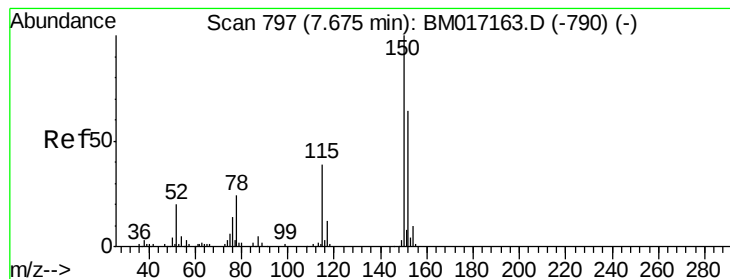
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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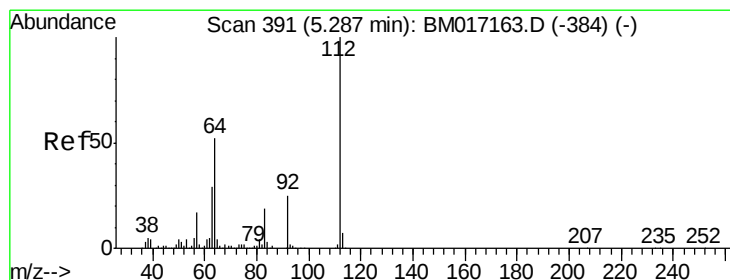
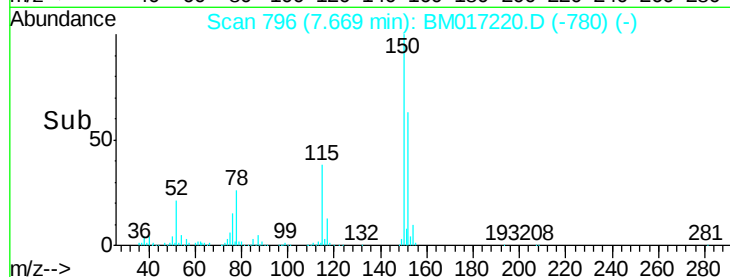
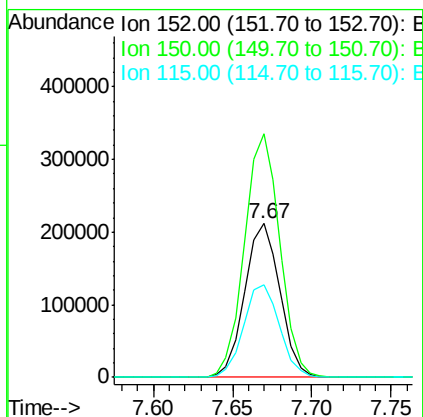
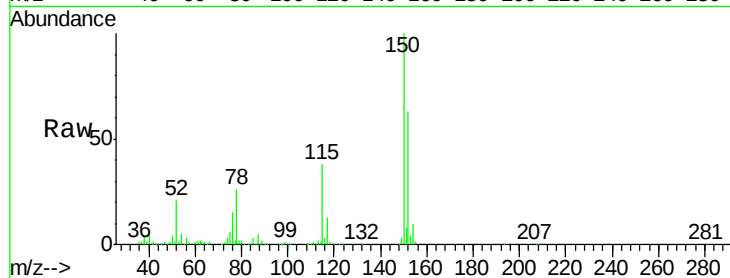


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

Instrument :
BNA_M
ClientSampleId :
PL-03-101718-A

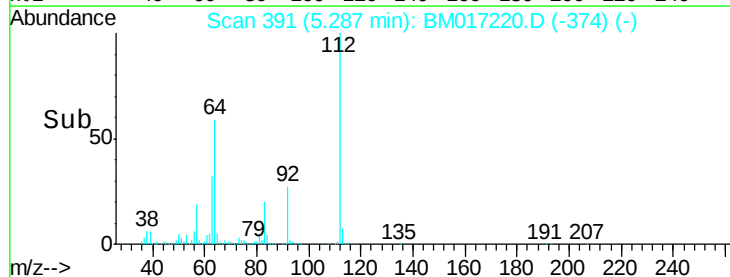
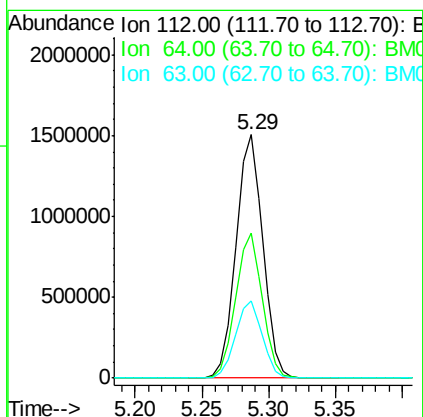
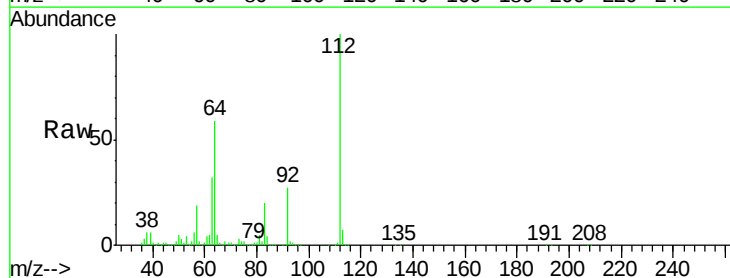
Tgt Ion:152 Resp: 326939
Ion Ratio Lower Upper
152 100
150 158.2 124.3 186.5
115 59.9 48.1 72.1

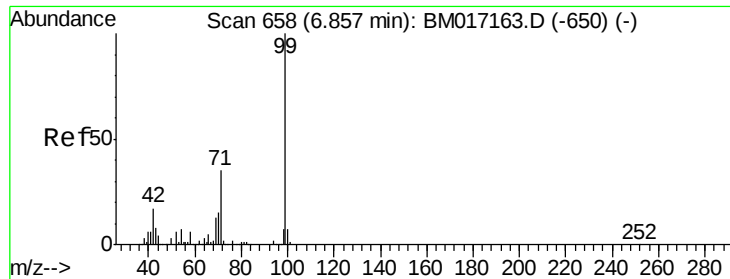


#5

2-Fluorophenol
Concen: 108.757 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

Tgt Ion:112 Resp: 2102289
Ion Ratio Lower Upper
112 100
64 59.5 41.7 62.5
63 31.8 23.0 34.4





#7

Phenol-d6

Concen: 92.684 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017220.D

Acq: 19 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

PL-03-101718-A

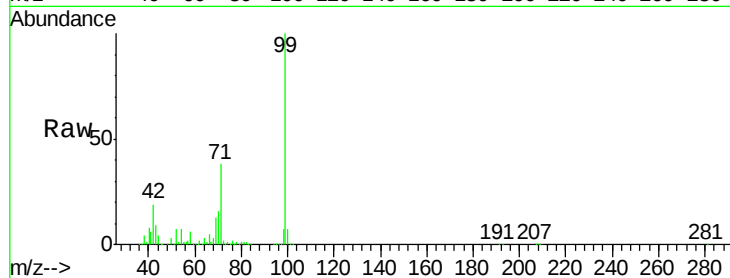
Tgt Ion: 99 Resp: 2440055

Ion Ratio Lower Upper

99 100

42 18.8 13.3 19.9

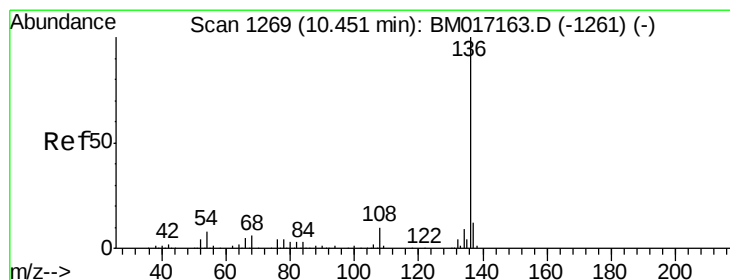
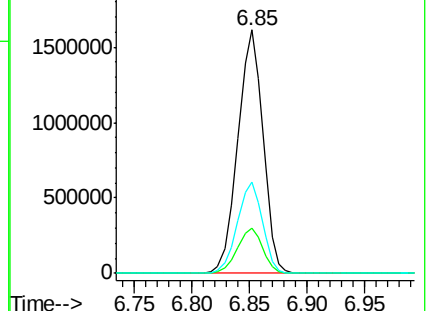
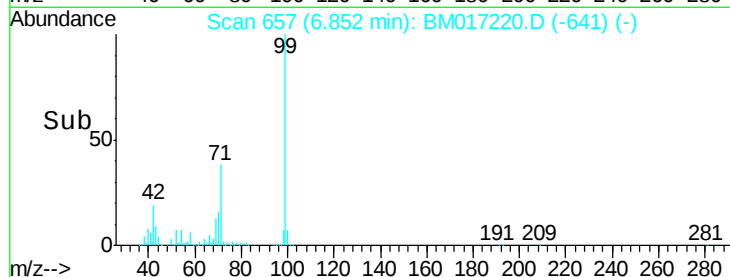
71 37.6 28.0 42.0



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: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017220.D

Acq: 19 Oct 2018 08:32

Tgt Ion: 136 Resp: 1243055

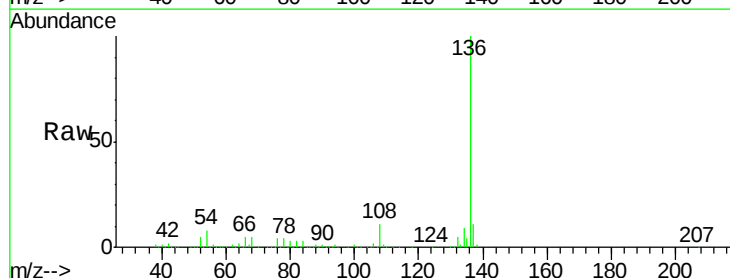
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 7.9 6.7 10.1

68 5.5 4.7 7.1

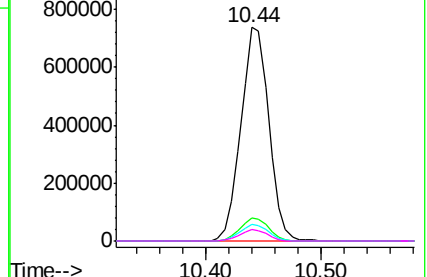
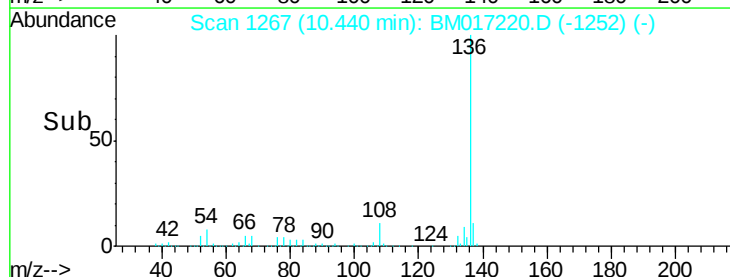


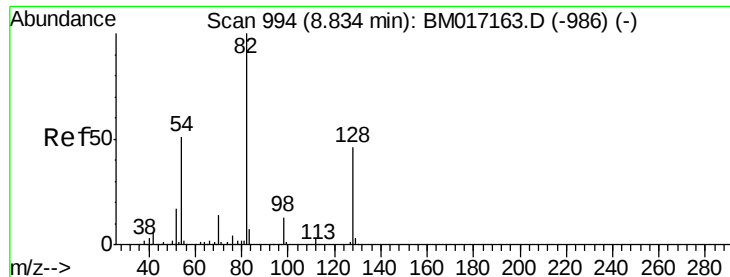
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

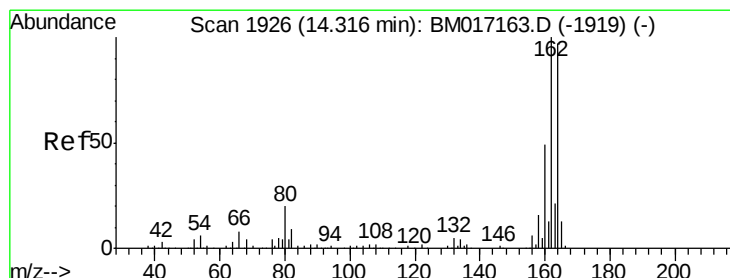
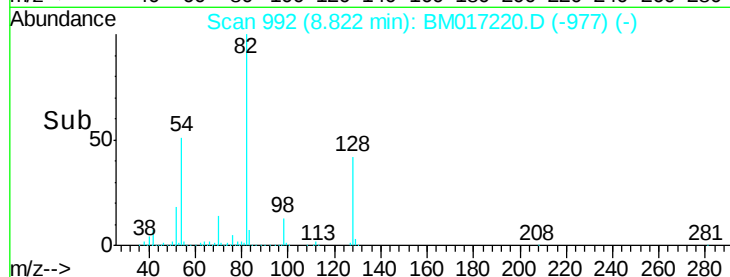
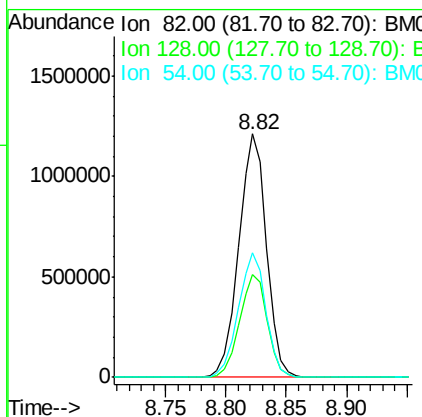
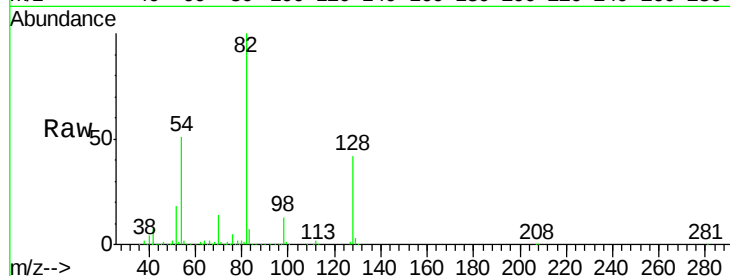




#23
Nitrobenzene-d5
Concen: 90.891 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

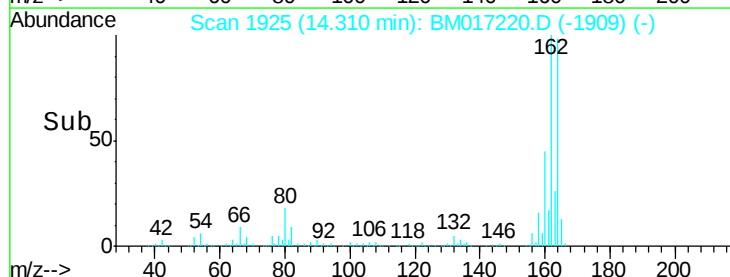
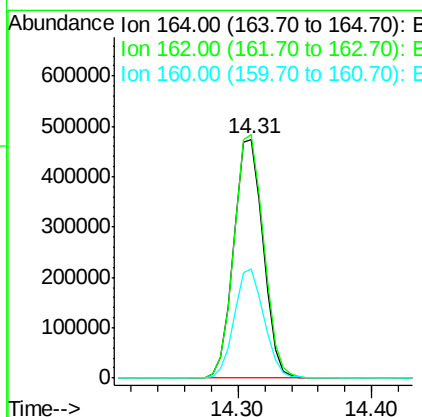
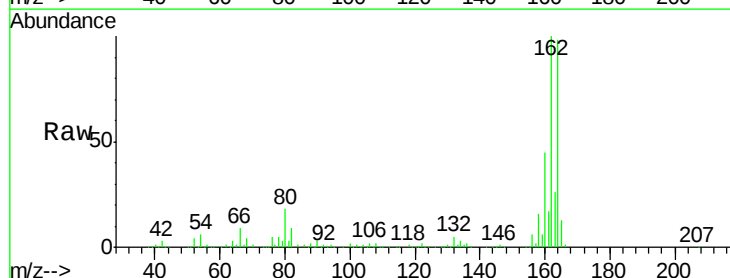
Instrument :
BNA_M
ClientSampleId :
PL-03-101718-A

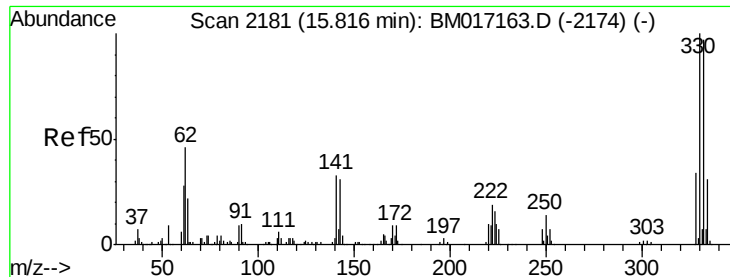
Tgt Ion: 82 Resp: 1931793
Ion Ratio Lower Upper
82 100
128 42.3 37.0 55.6
54 50.9 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

Tgt Ion: 164 Resp: 726684
Ion Ratio Lower Upper
164 100
162 101.9 82.1 123.1
160 45.6 40.2 60.2

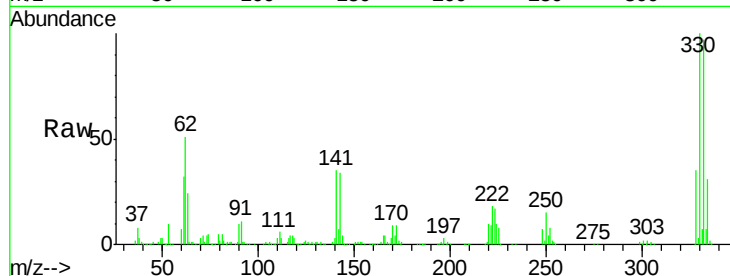




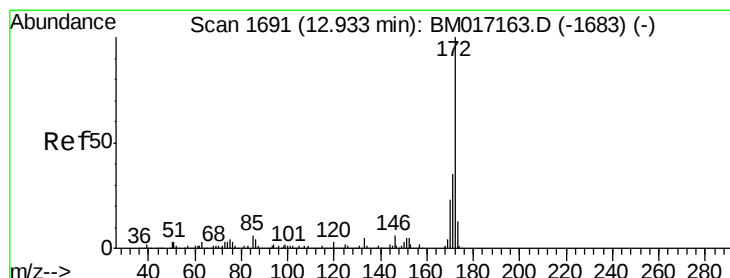
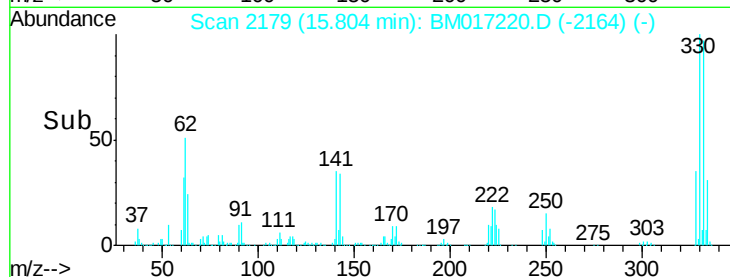
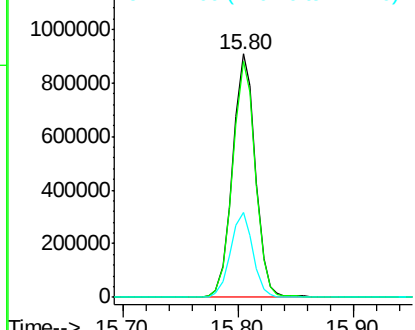
#42
 2,4,6-Tribromophenol
 Concen: 126.210 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017220.D
 Acq: 19 Oct 2018 08:32

Instrument :
 BNA_M
 ClientSampleId :
 PL-03-101718-A

Tgt Ion:330 Resp: 1240308
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 34.5 27.4 41.0

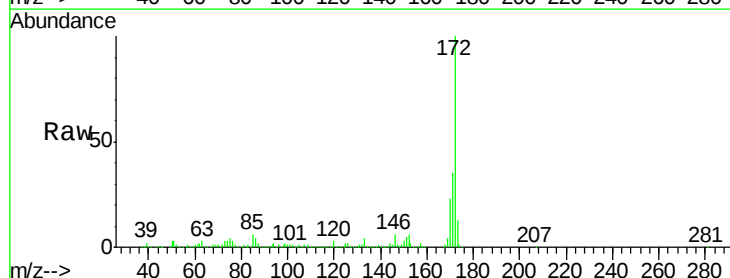


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

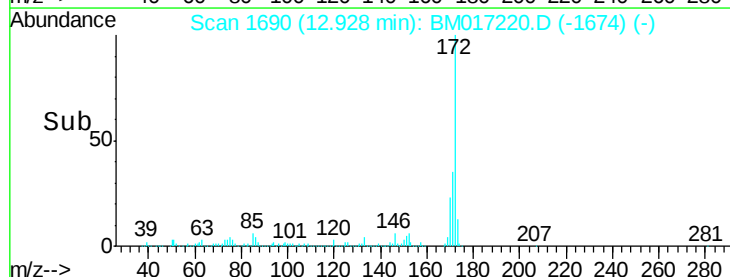
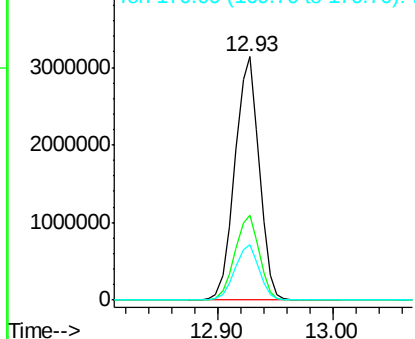


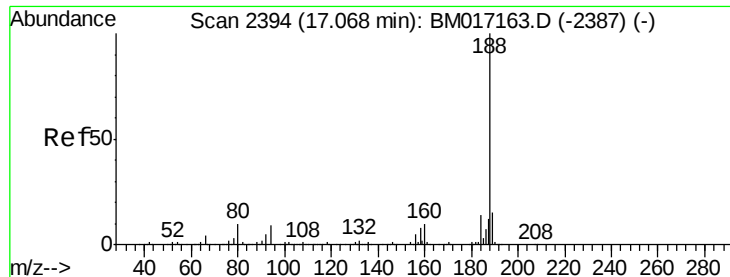
#45
 2-Fluorobiphenyl
 Concen: 83.546 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017220.D
 Acq: 19 Oct 2018 08:32

Tgt Ion:172 Resp: 4562918
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

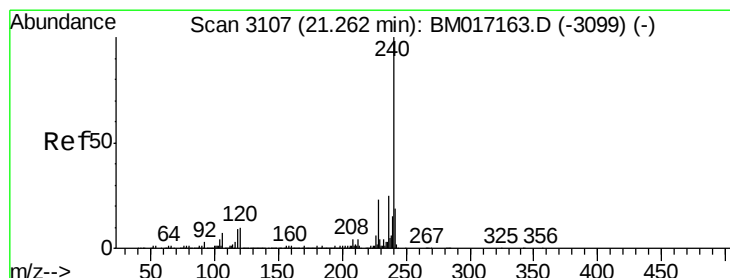
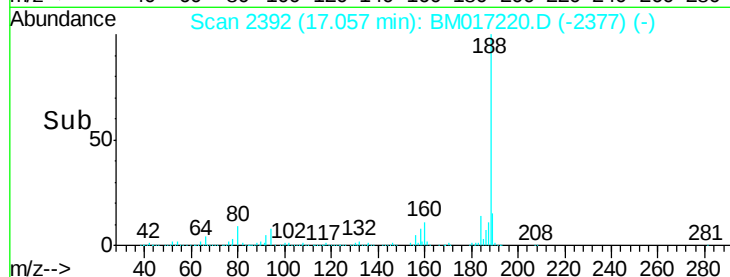
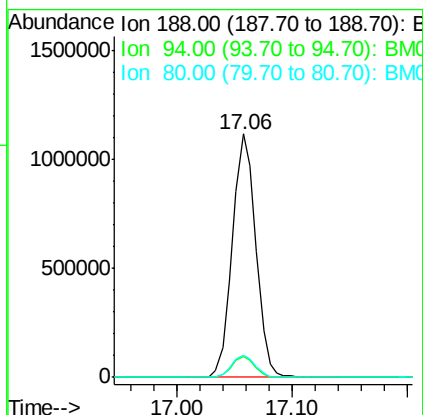
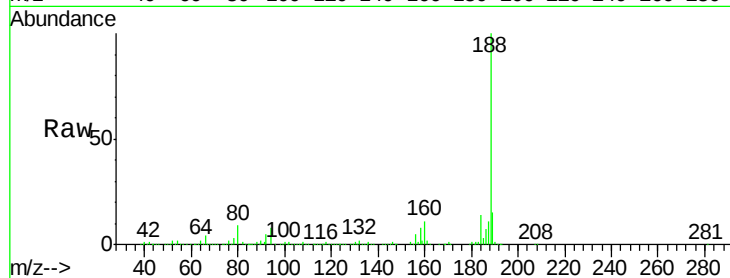




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

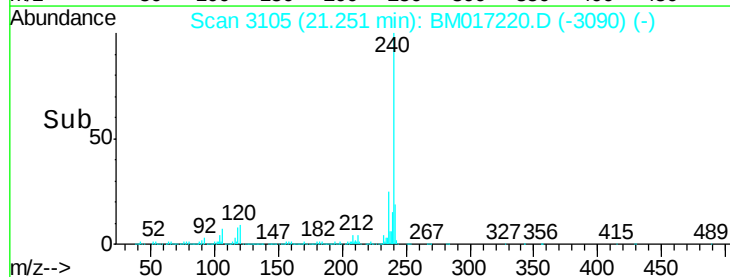
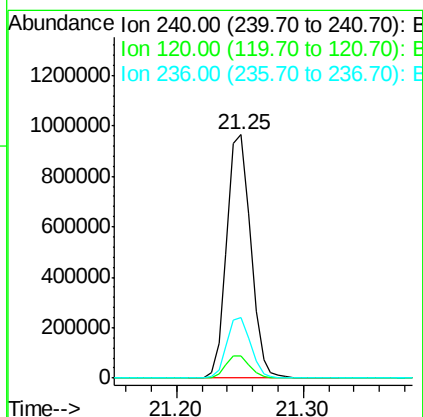
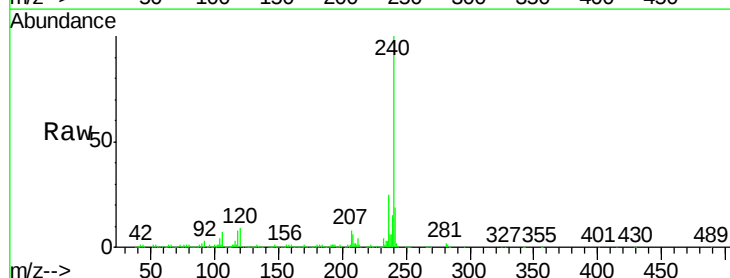
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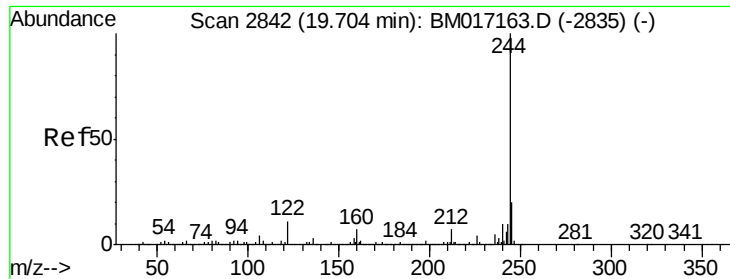
Tgt Ion:188 Resp: 1576258
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017220.D
Acq: 19 Oct 2018 08:32

Tgt Ion:240 Resp: 1269903
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 24.8 19.9 29.9





#79

Terphenyl-d14

Concen: 98.634 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017220.D

Acq: 19 Oct 2018 08:32

Instrument :

BNA_M

ClientSampleId :

PL-03-101718-A

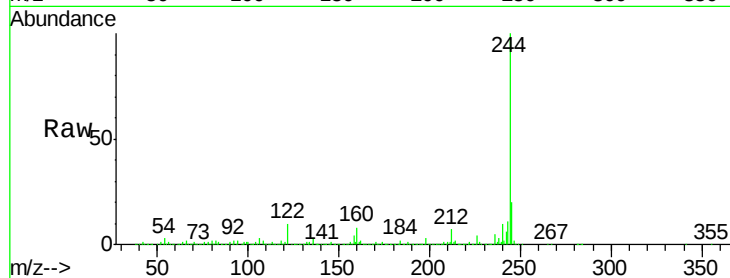
Tgt Ion:244 Resp: 5557053

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

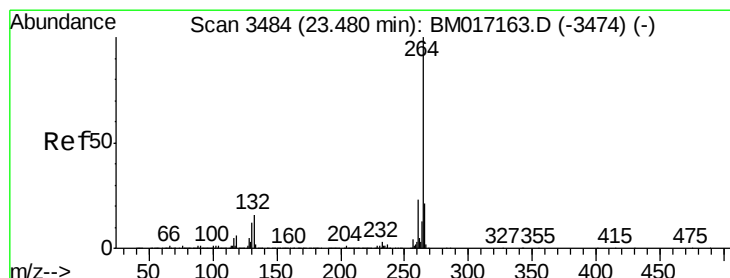
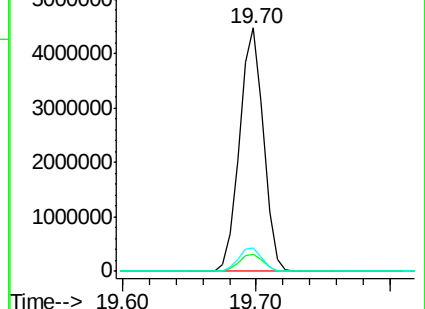
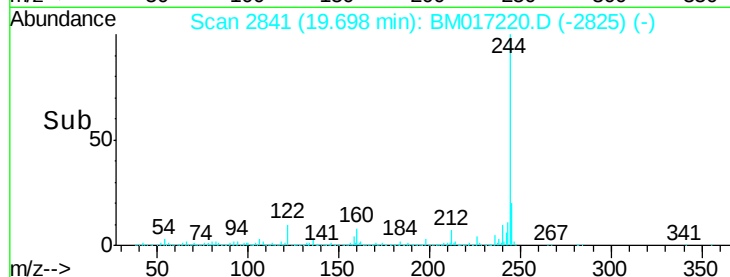
122 9.8 8.4 12.6



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# 3481

Delta R.T. -0.02 min

Lab File: BM017220.D

Acq: 19 Oct 2018 08:32

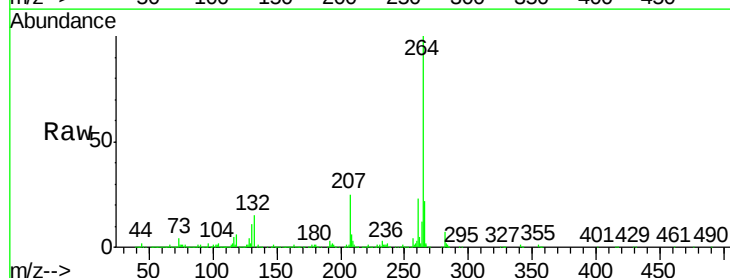
Tgt Ion:264 Resp: 1155288

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.3 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

