

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
 Data File : BM017223.D
 Acq On : 19 Oct 2018 10:20
 Operator : MJ/SJ
 Sample : J5204-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Oct 19 12:25:08 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

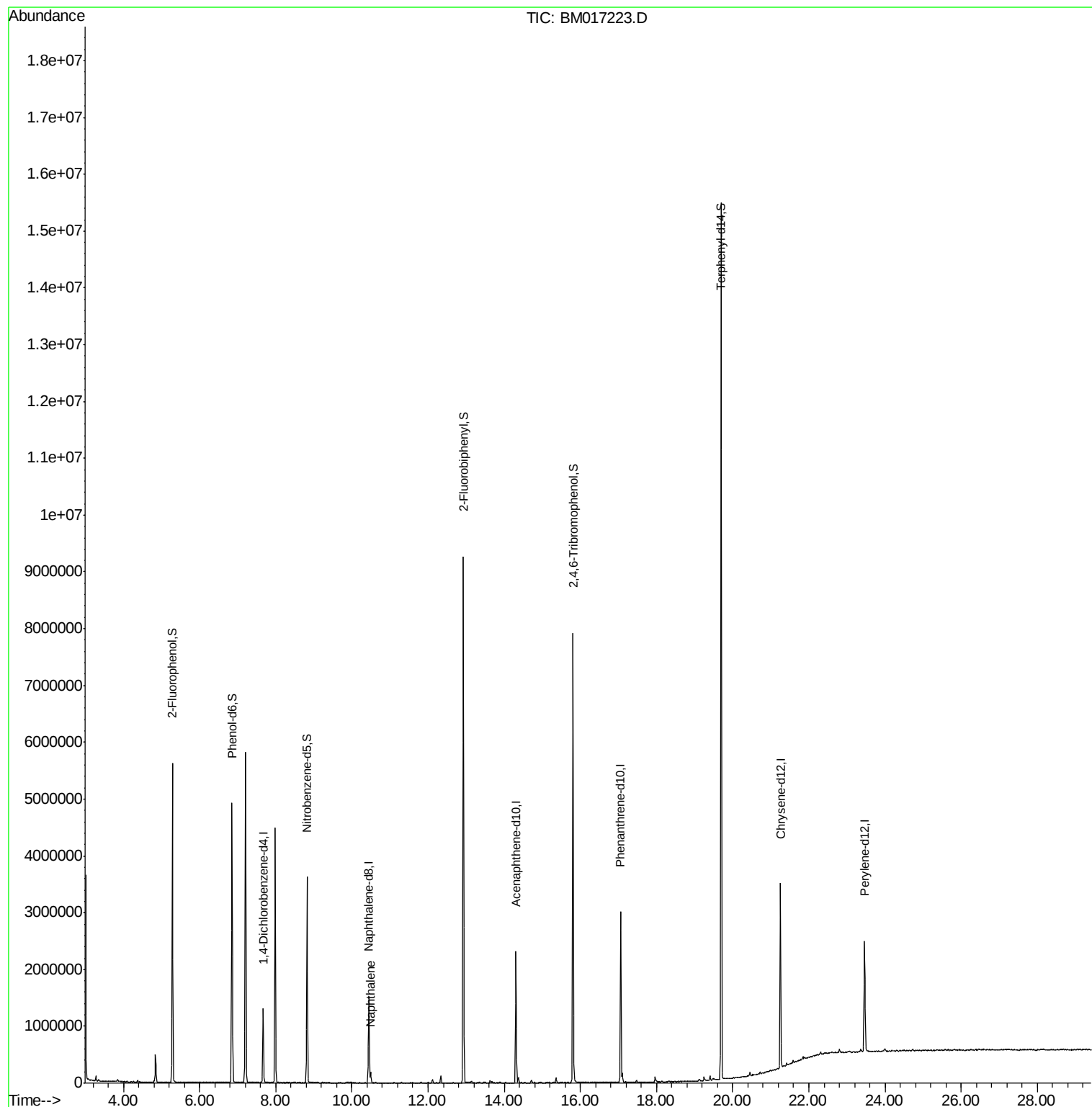
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	332008	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	1264107	20.00	ng	-0.01
39) Acenaphthene-d10	14.31	164	755707	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1727171	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1580078	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1413584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2171834	110.64	ng	0.00
7) Phenol-d6	6.85	99	2587743	96.79	ng	0.00
23) Nitrobenzene-d5	8.82	82	1969074	91.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1358715	132.95	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4682390	82.44	ng	0.00
79) Terphenyl-d14	19.70	244	6751094	96.31	ng	0.00
Target Compounds						
31) Naphthalene	10.49	128	148701	2.400	ng	Qvalue 100

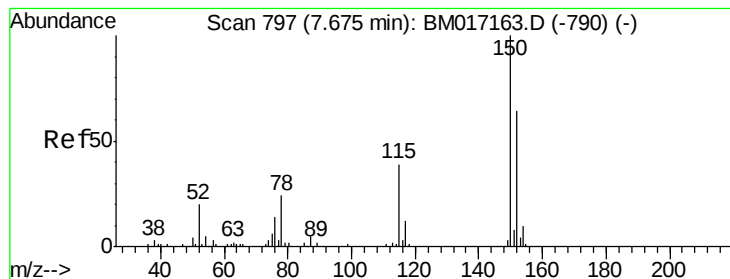
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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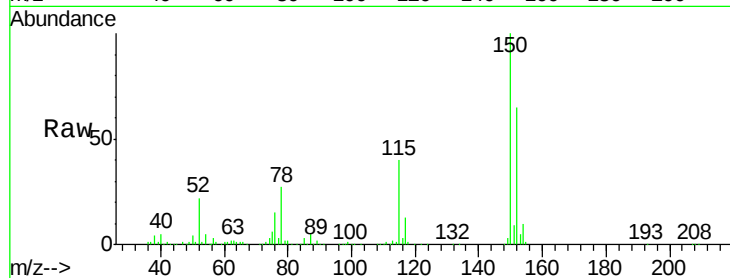


#1

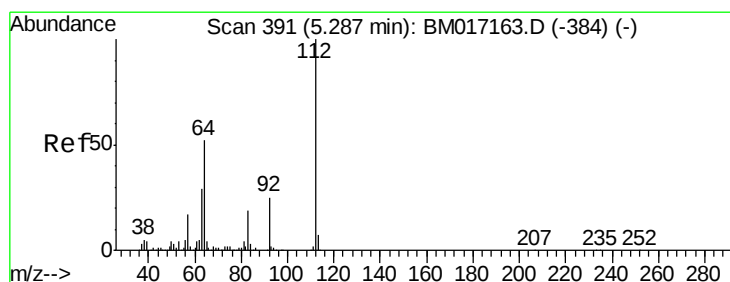
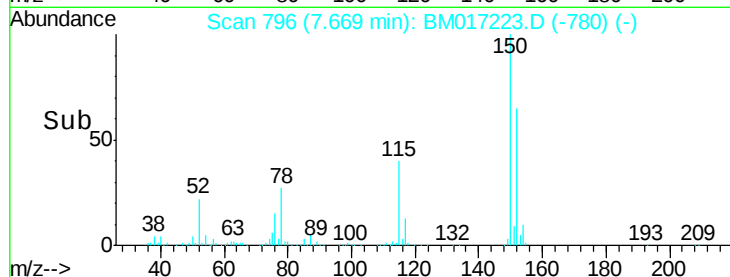
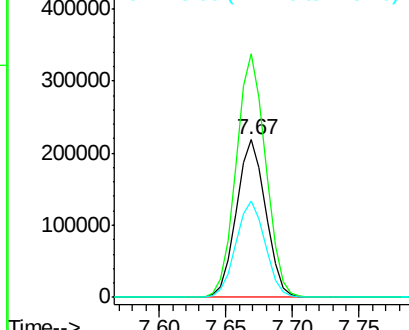
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 332008
Ion Ratio Lower Upper
152 100
150 154.8 124.3 186.5
115 61.3 48.1 72.1



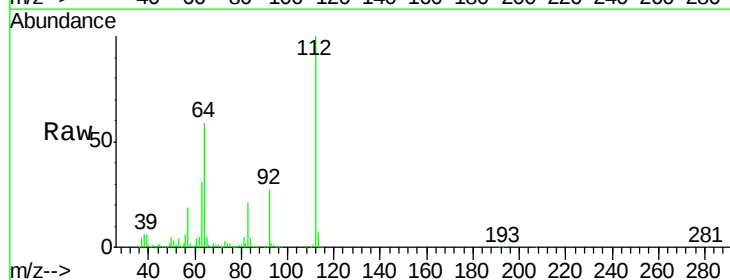
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



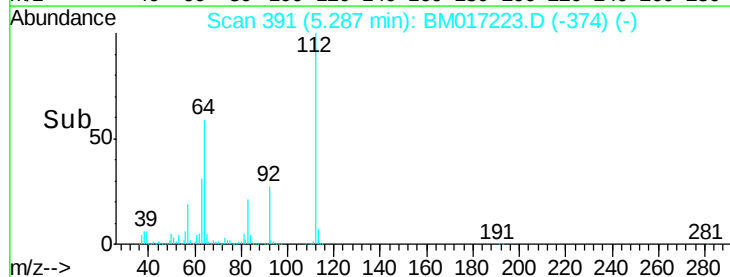
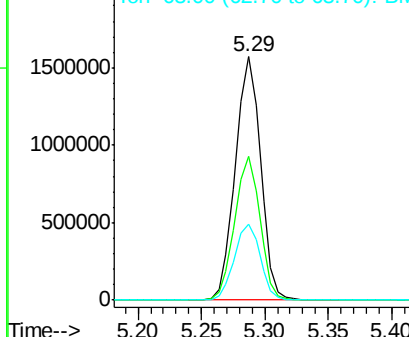
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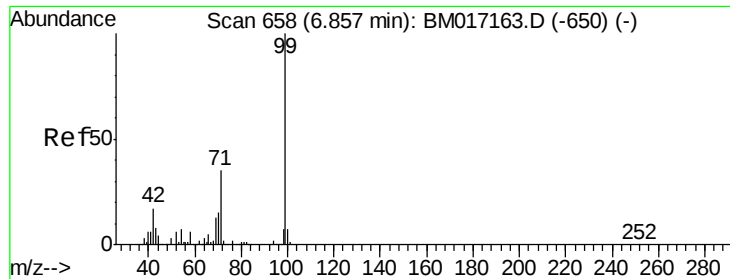
2-Fluorophenol
Concen: 110.639 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Tgt Ion:112 Resp: 2171834
Ion Ratio Lower Upper
112 100
64 59.2 41.7 62.5
63 31.4 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: 96.793 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017223.D

Acq: 19 Oct 2018 10:20

Instrument :

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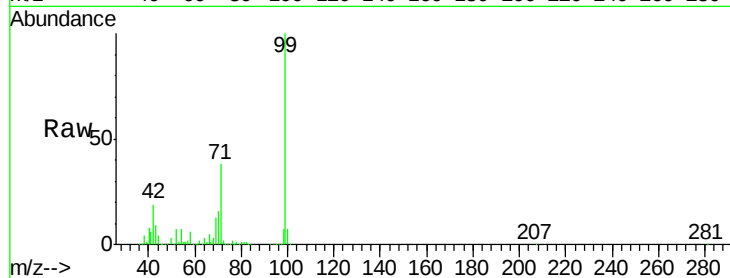
Tgt Ion: 99 Resp: 2587743

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

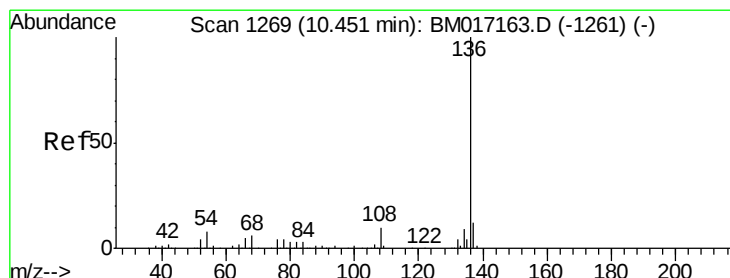
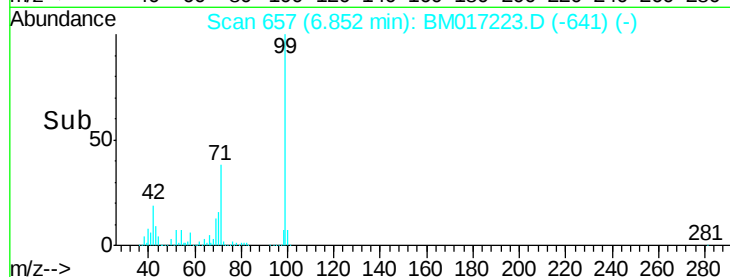
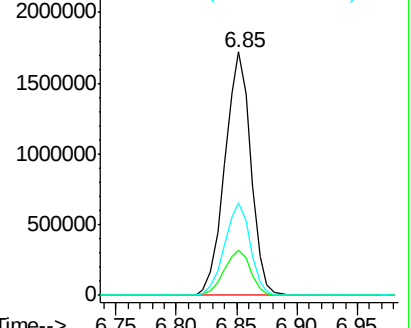
71 38.1 28.0 42.0



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: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017223.D

Acq: 19 Oct 2018 10:20

Tgt Ion: 136 Resp: 1264107

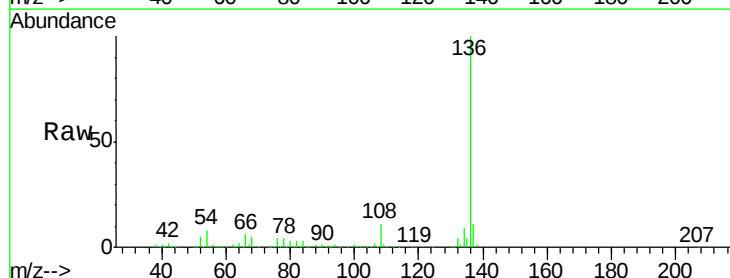
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.0 6.7 10.1

68 5.1 4.7 7.1

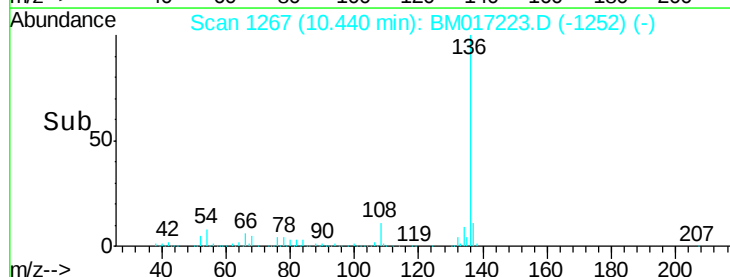
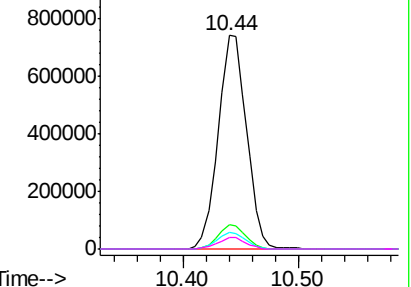


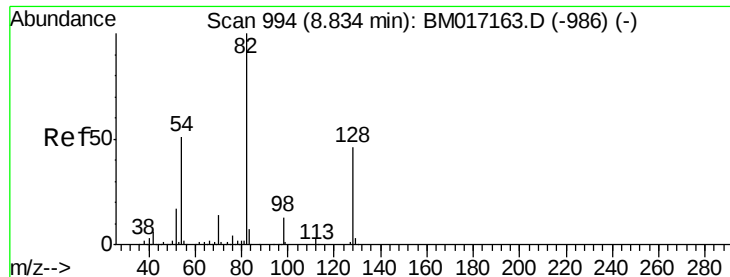
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

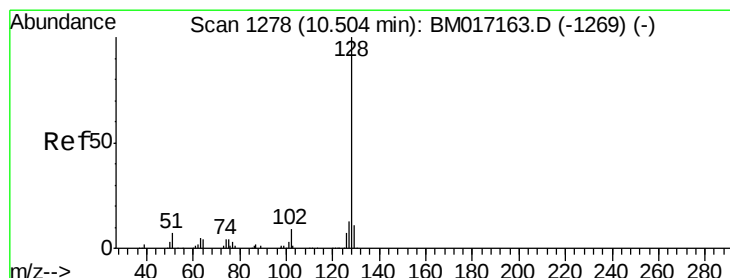
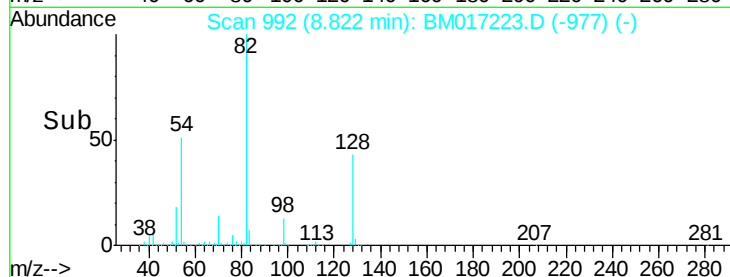
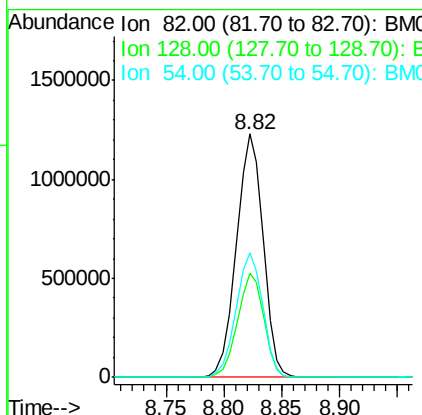
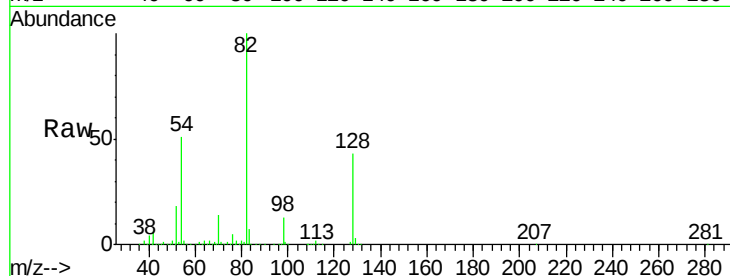




#23
Nitrobenzene-d5
Concen: 91.102 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

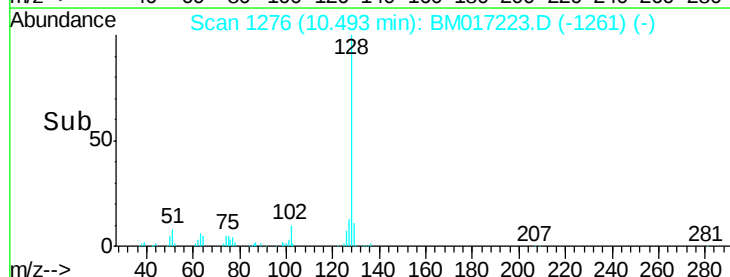
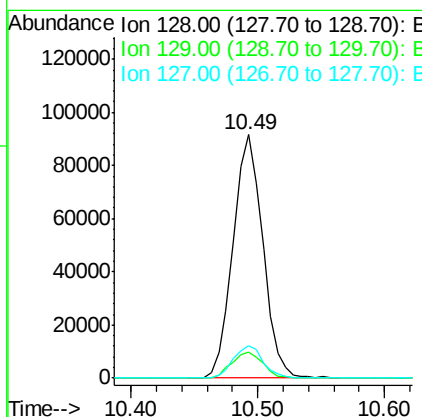
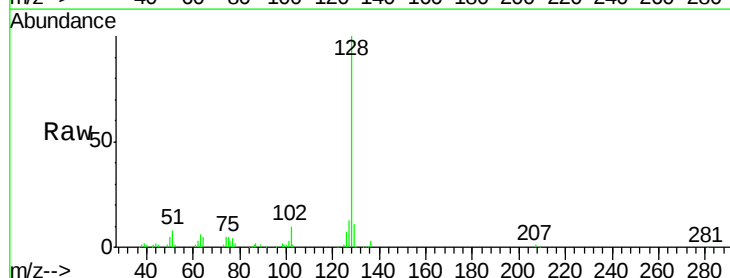
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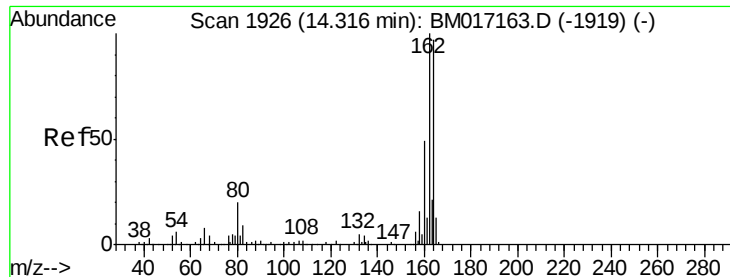
Tgt Ion: 82 Resp: 1969074
Ion Ratio Lower Upper
82 100
128 42.6 37.0 55.6
54 51.3 40.7 61.1



#31
Naphthalene
Concen: 2.400 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Tgt Ion: 128 Resp: 148701
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 13.1 10.3 15.5

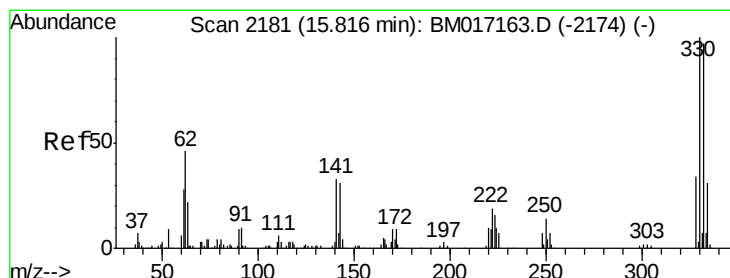
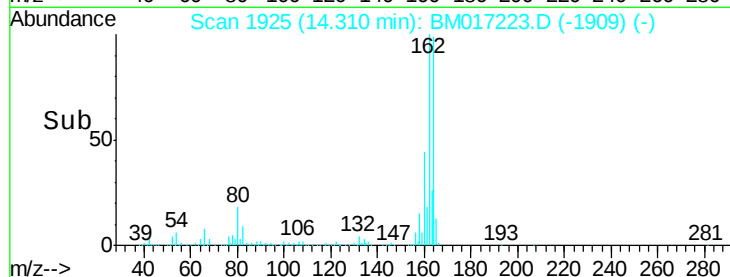
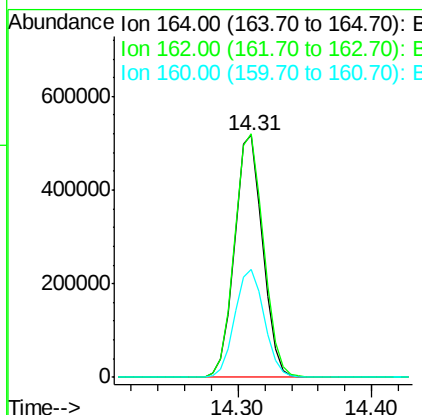
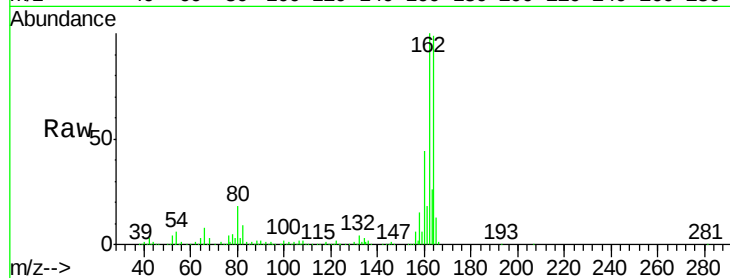




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

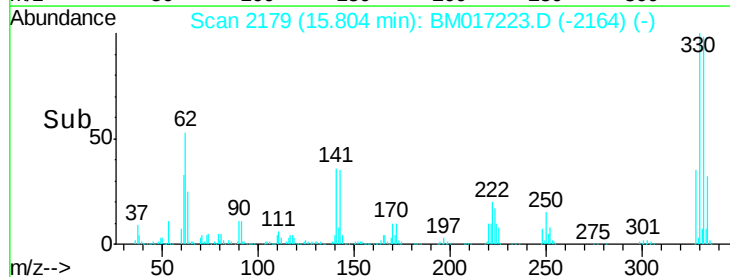
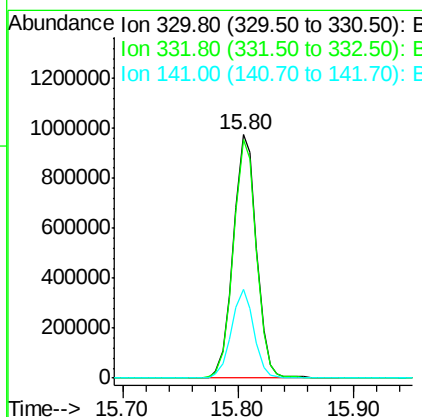
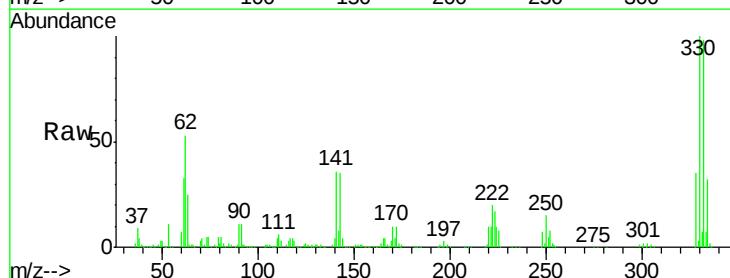
Instrument :
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ClientSampleId :
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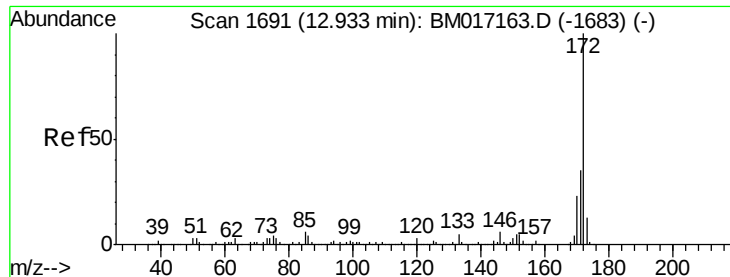
Tgt Ion:164 Resp: 755707
Ion Ratio Lower Upper
164 100
162 100.6 82.1 123.1
160 44.4 40.2 60.2



#42
2,4,6-Tribromophenol
Concen: 132.949 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Tgt Ion:330 Resp: 1358715
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 35.3 27.4 41.0

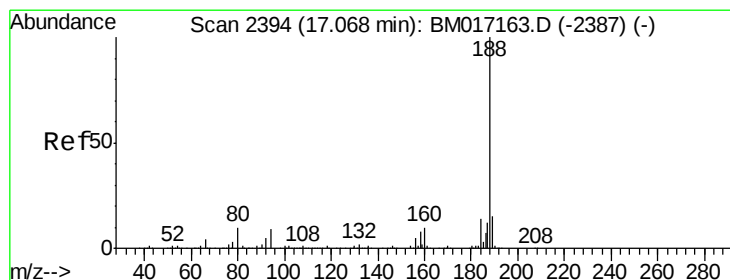
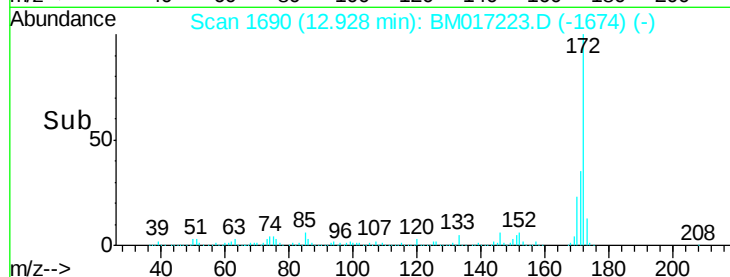
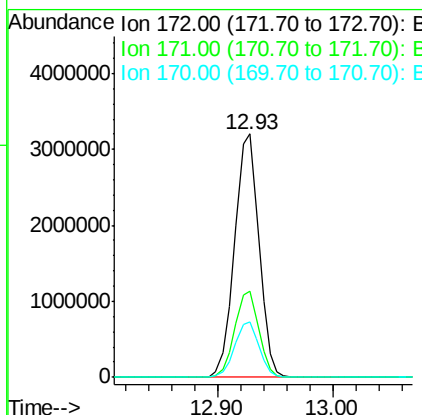
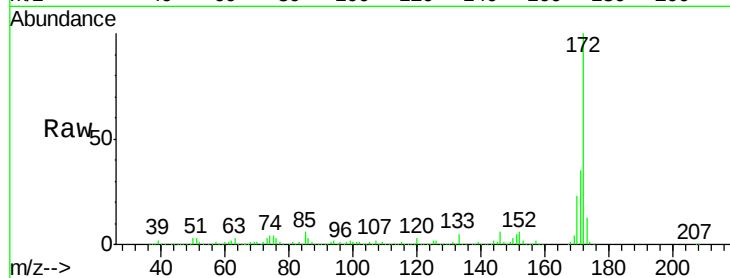




#45
2-Fluorobiphenyl
Concen: 82.441 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

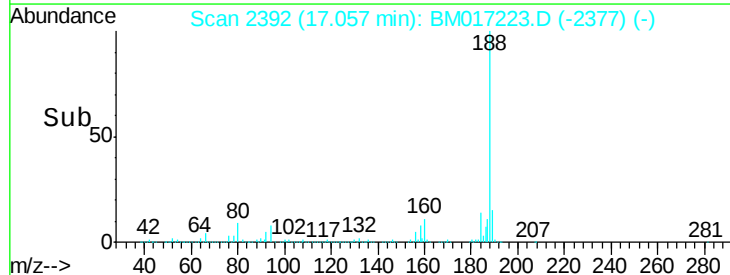
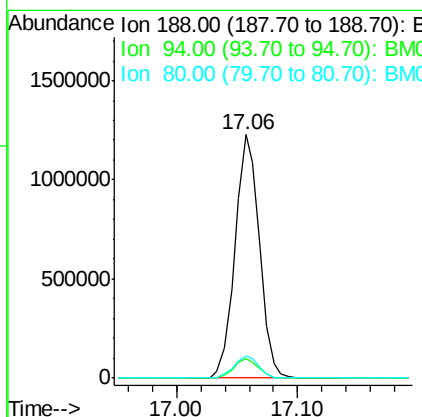
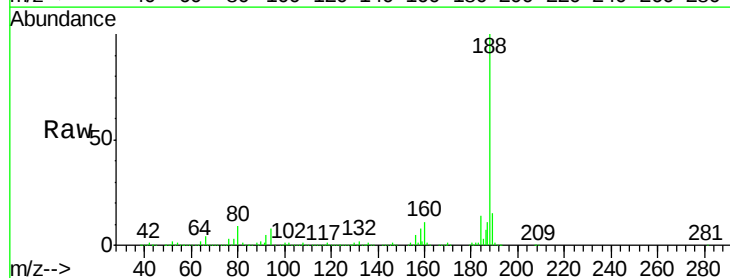
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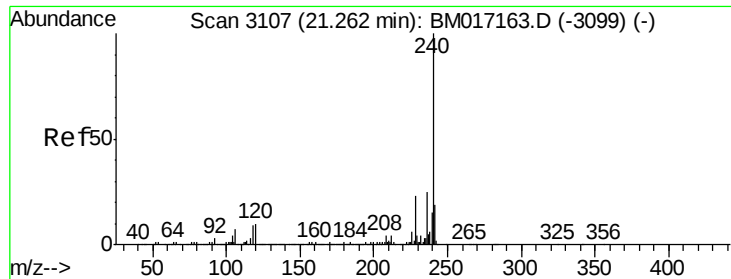
Tgt Ion:172 Resp: 4682390
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.7 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Tgt Ion:188 Resp: 1727171
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.3 7.7 11.5

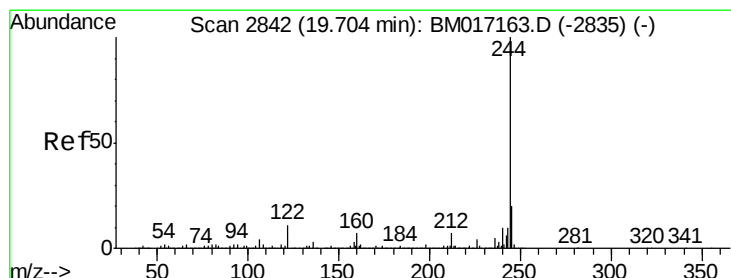
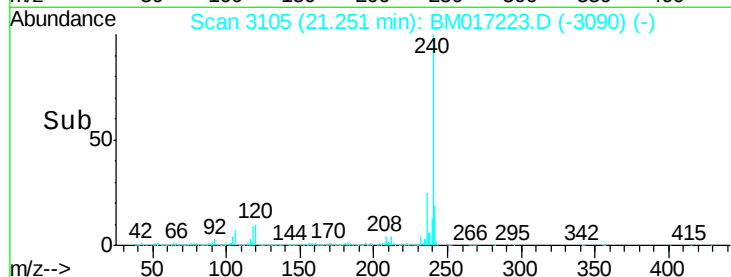
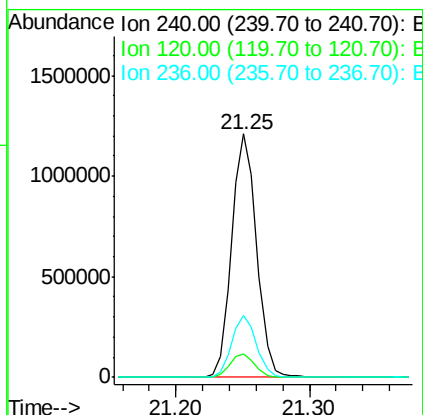
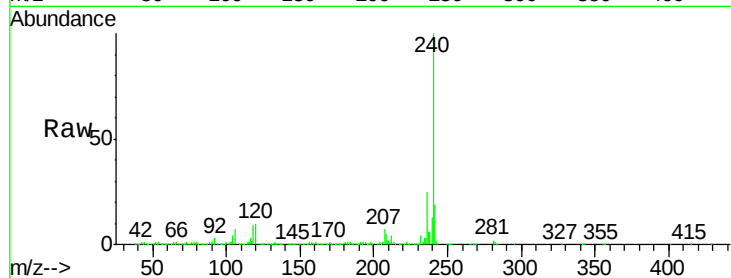




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

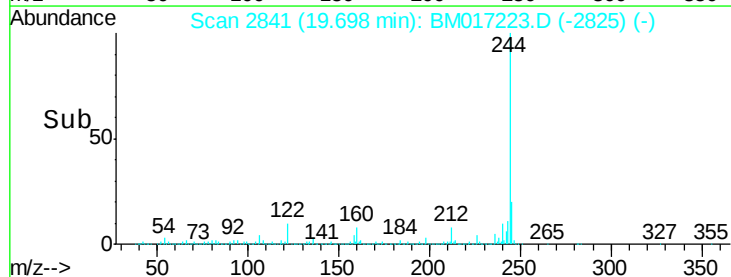
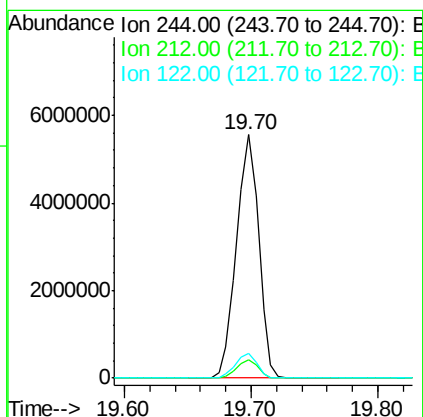
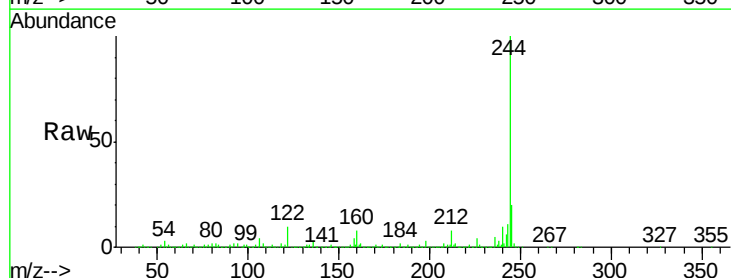
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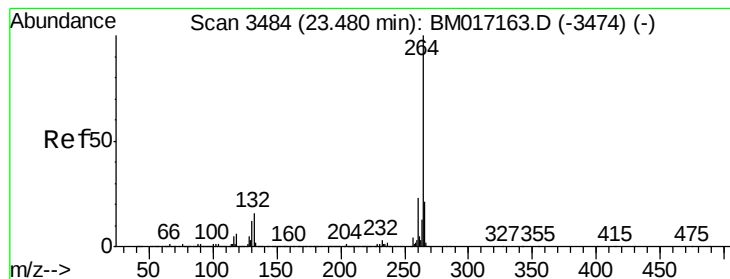
Tgt Ion:240 Resp: 1580078
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.1 19.9 29.9



#79
Terphenyl-d14
Concen: 96.305 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017223.D
Acq: 19 Oct 2018 10:20

Tgt Ion:244 Resp: 6751094
Ion Ratio Lower Upper
244 100
212 7.6 5.5 8.3
122 10.2 8.4 12.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017223.D

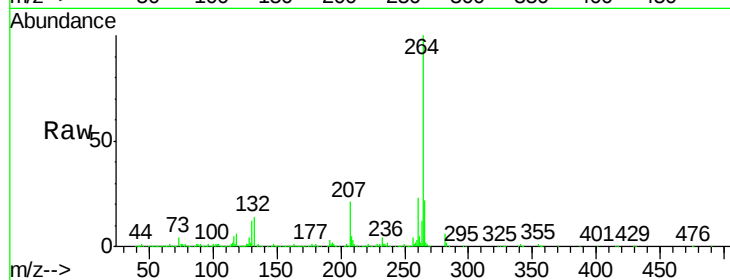
Acq: 19 Oct 2018 10:20

Instrument :

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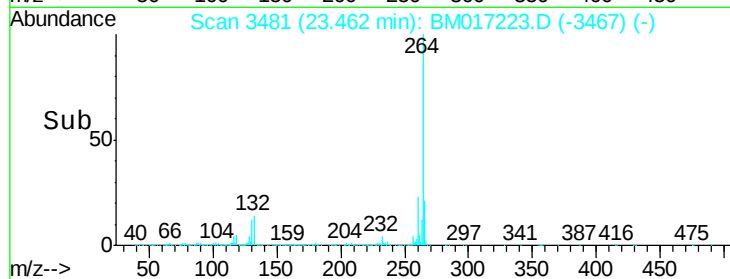
Tgt Ion: 264 Resp: 1413584

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.0 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

