

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
 Data File : BM017306.D
 Acq On : 24 Oct 2018 07:56
 Operator : MJ/SJ
 Sample : J5623-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 101918-DBRI-E-D-S

Quant Time: Oct 24 09:16:55 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	236126	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	991774	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	573183	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1367050	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1487549	20.00	ng	-0.02
87) Perylene-d12	23.45	264	1308300	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	536873	38.46	ng	-0.01
7) Phenol-d6	6.84	99	415638	21.86	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1749572	103.17	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	755107	97.41	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	4367560	101.39	ng	-0.02
79) Terphenyl-d14	19.69	244	6099614	92.42	ng	-0.01

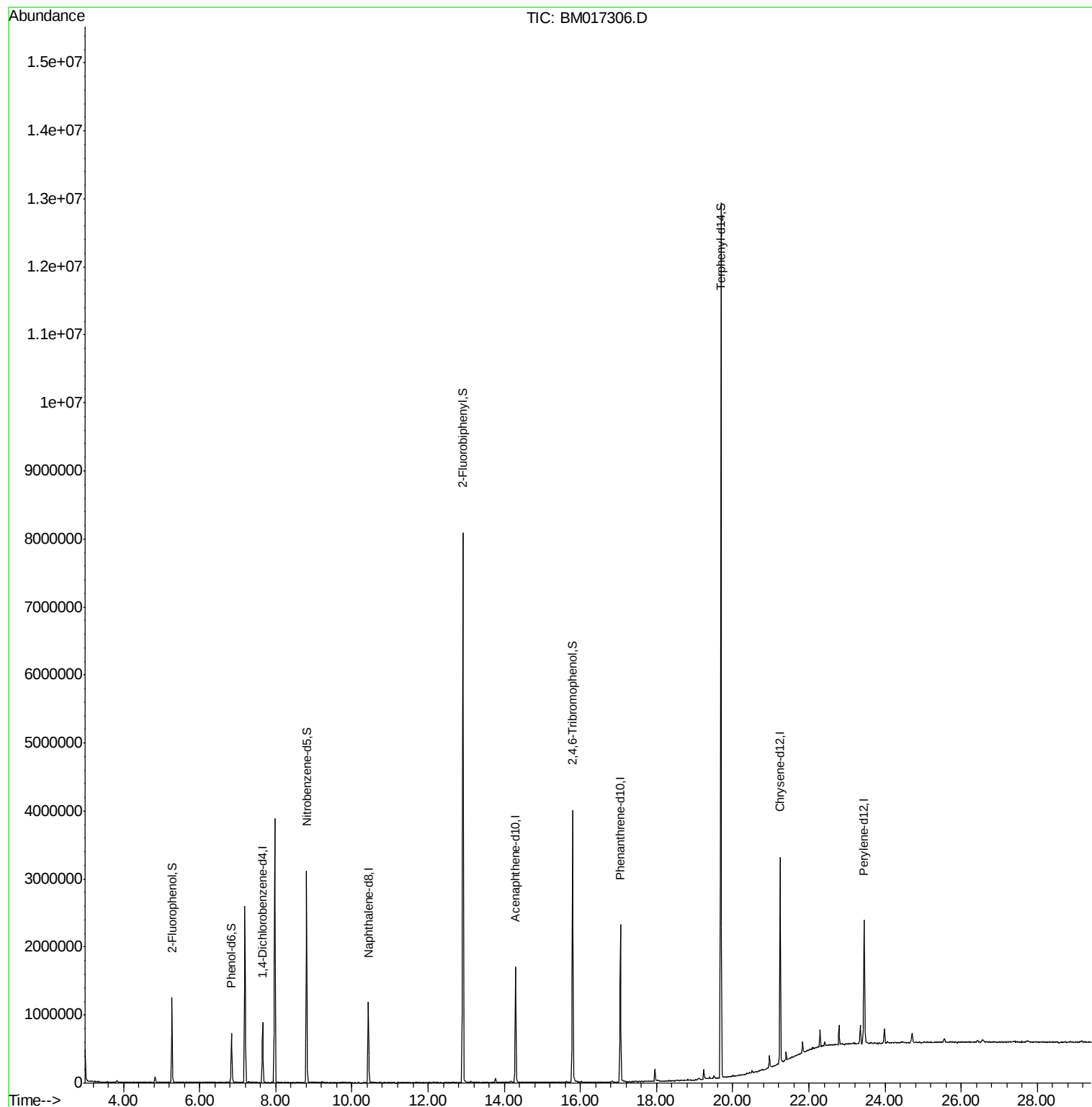
Target Compounds	Qvalue
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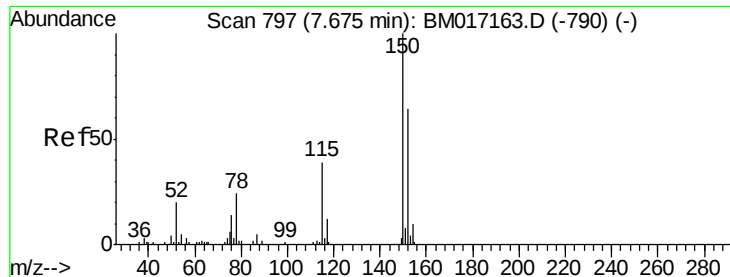
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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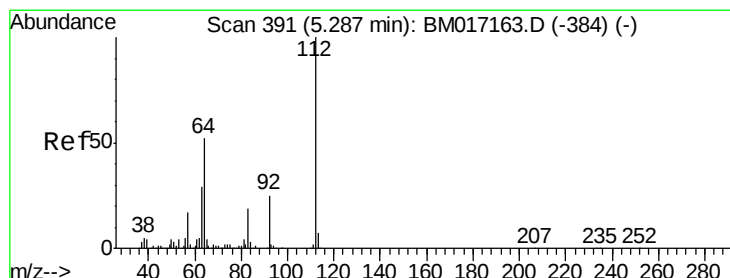
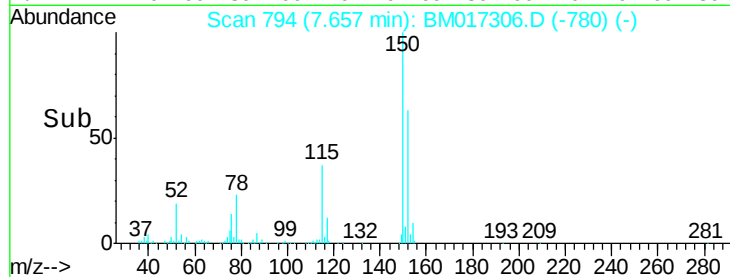
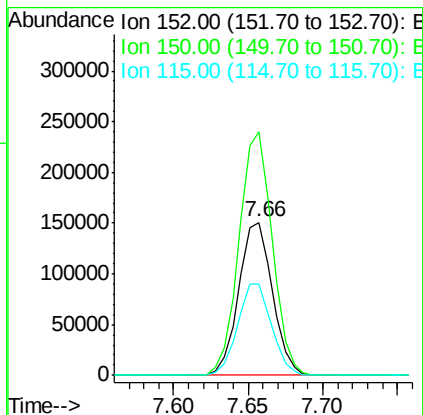
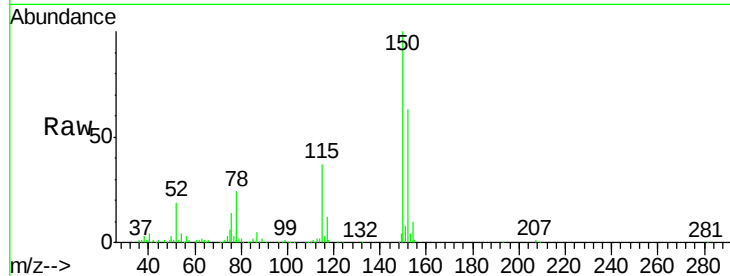


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017306.D
Acq: 24 Oct 2018 07:56

Instrument :
BNA_M
ClientSampleId :
101918-DBRI-E-D-S

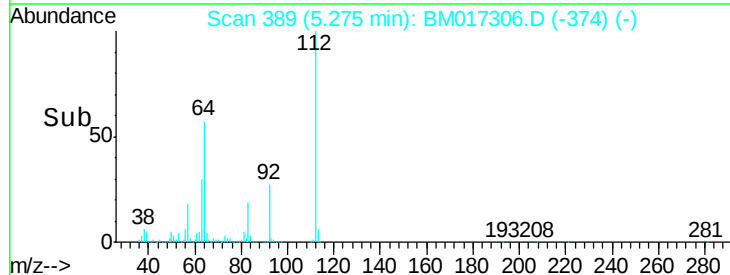
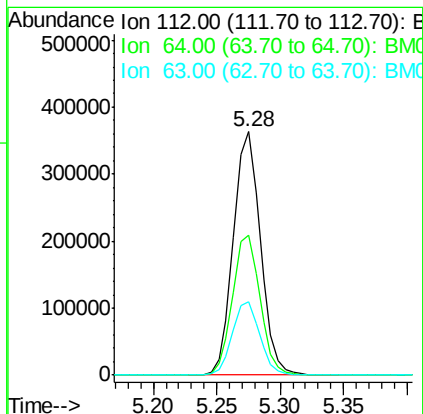
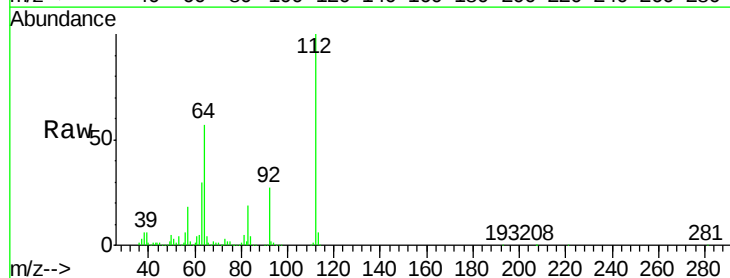
Tgt Ion:152 Resp: 236126
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 59.2 48.1 72.1

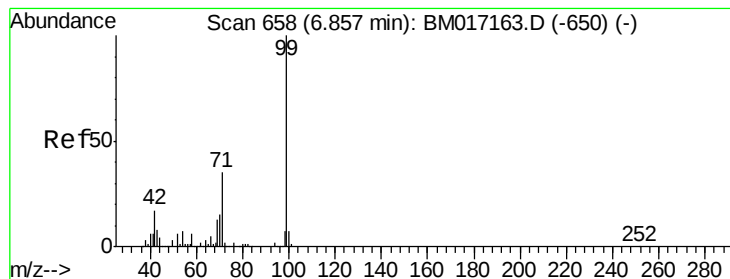


#5

2-Fluorophenol
Concen: 38.455 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017306.D
Acq: 24 Oct 2018 07:56

Tgt Ion:112 Resp: 536873
Ion Ratio Lower Upper
112 100
64 57.3 41.7 62.5
63 29.9 23.0 34.4





#7

Phenol-d6

Concen: 21.860 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-D-S

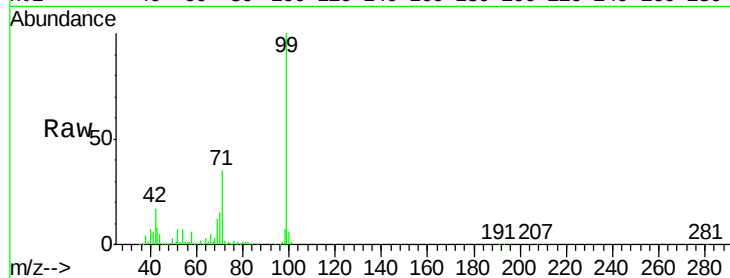
Tgt Ion: 99 Resp: 415638

Ion Ratio Lower Upper

99 100

42 16.6 13.3 19.9

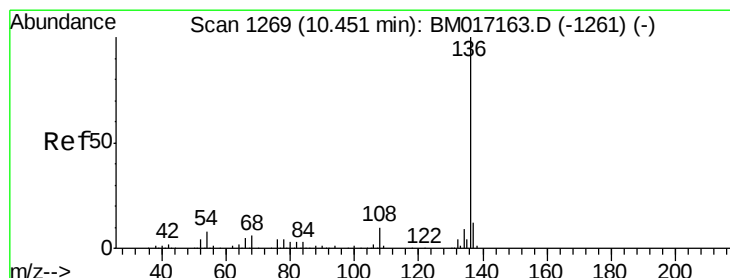
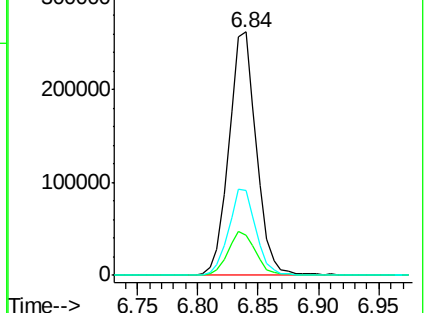
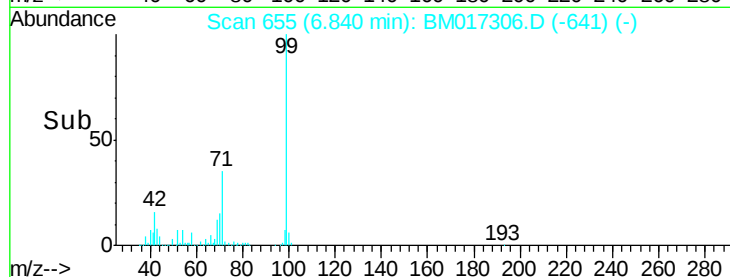
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017306.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017306.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017306.D (-641) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Tgt Ion: 136 Resp: 991774

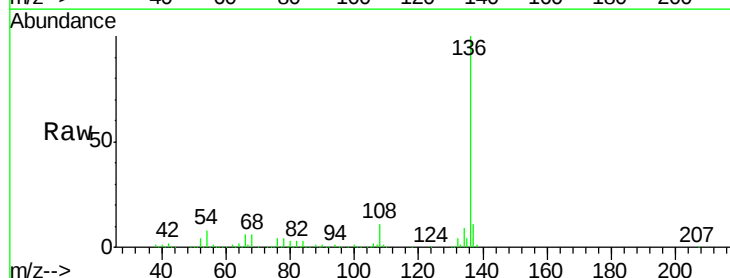
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 7.7 6.7 10.1

68 5.7 4.7 7.1

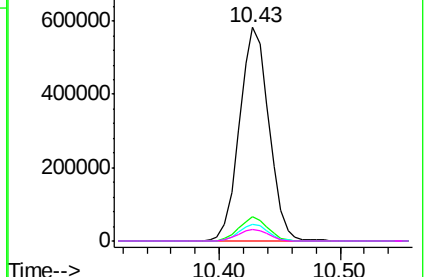
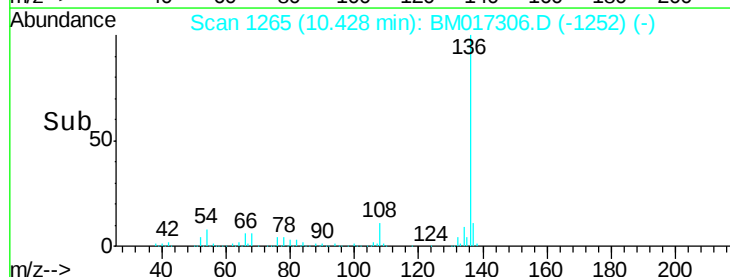


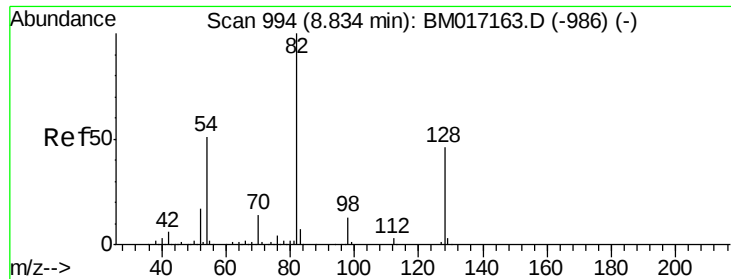
Abundance Ion 136.00 (135.70 to 136.70): BM017306.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM017306.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM017306.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM017306.D (-1252) (-)



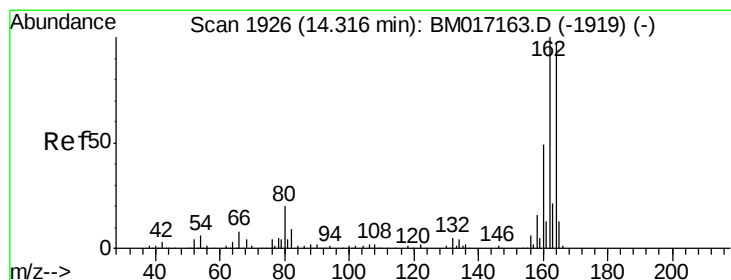
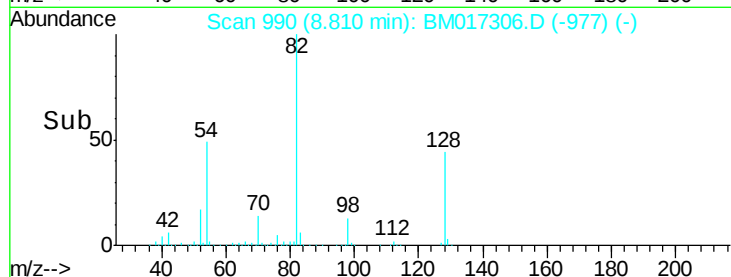
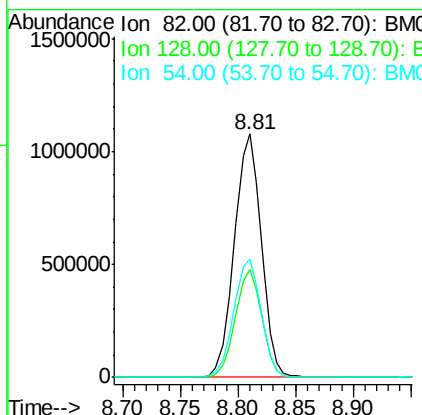
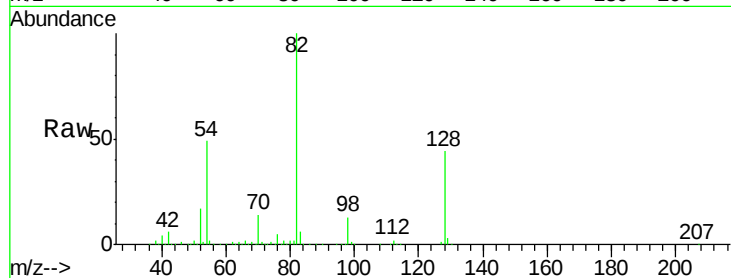


#23
 Nitrobenzene-d5
 Concen: 103.174 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :
 101918-DBRI-E-D-S

Tgt Ion: 82 Resp: 1749572

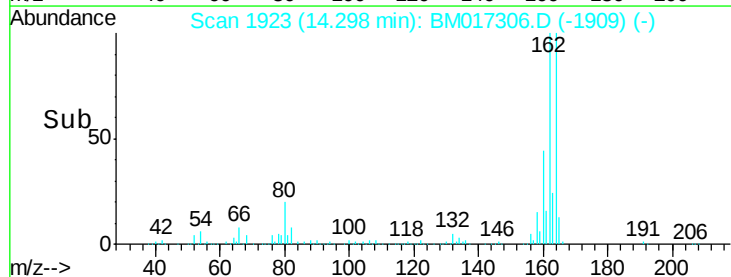
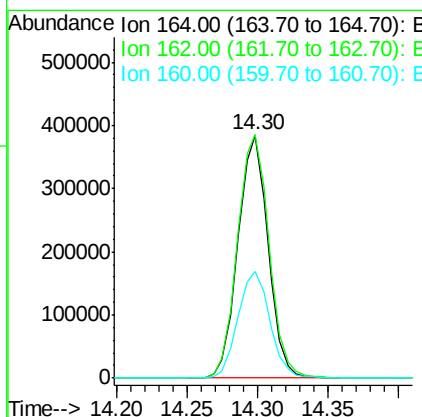
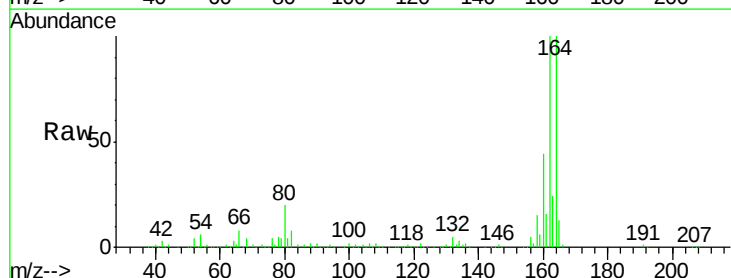
Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.0	55.6
54	48.6	40.7	61.1

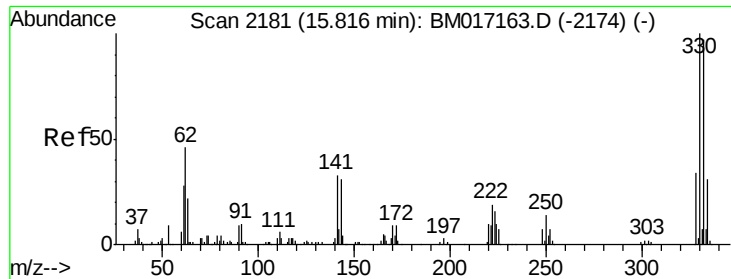


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Tgt Ion: 164 Resp: 573183

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	43.8	40.2	60.2

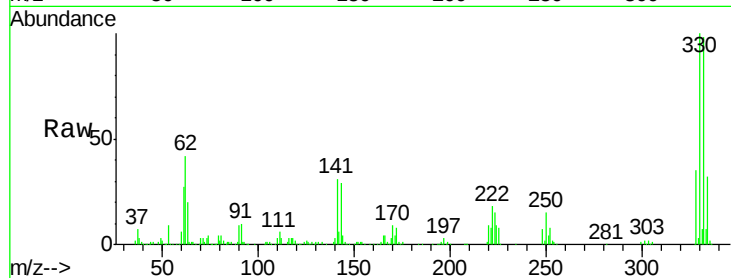




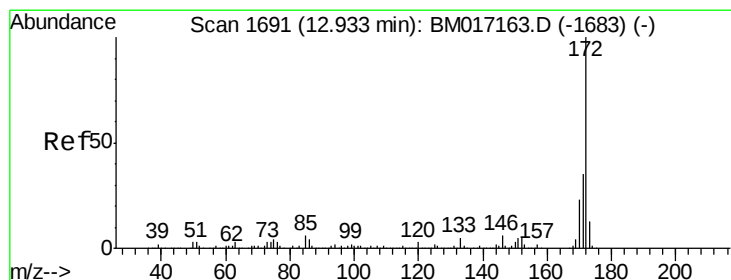
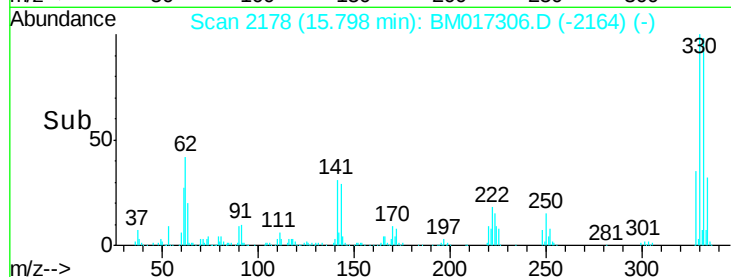
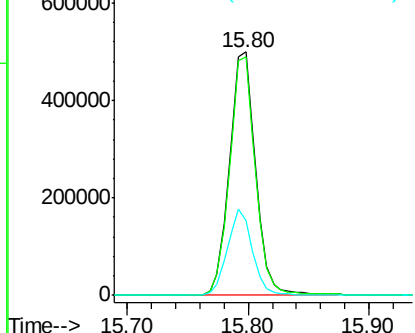
#42
 2,4,6-Tribromophenol
 Concen: 97.415 ng
 RT: 15.80 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Instrument :
 BNA_M
 ClientSampleId :
 101918-DBRI-E-D-S

Tgt Ion:330 Resp: 755107
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 33.9 27.4 41.0

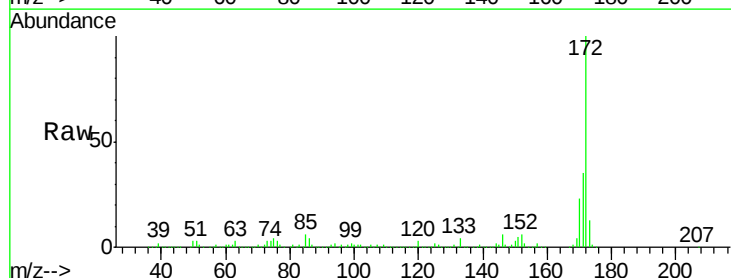


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

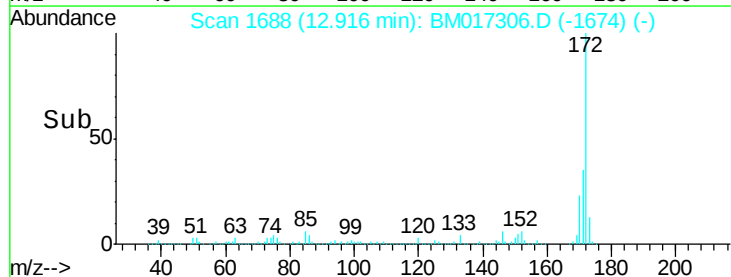
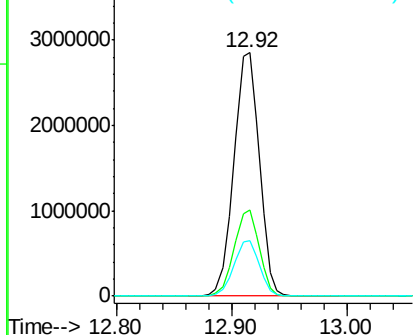


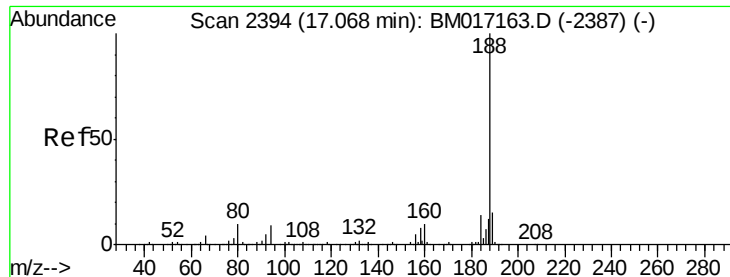
#45
 2-Fluorobiphenyl
 Concen: 101.385 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.02 min
 Lab File: BM017306.D
 Acq: 24 Oct 2018 07:56

Tgt Ion:172 Resp: 4367560
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-D-S

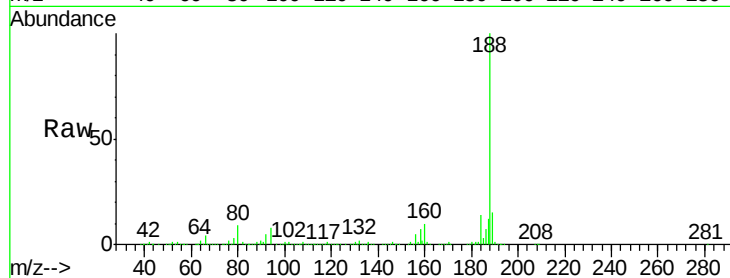
Tgt Ion:188 Resp: 1367050

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

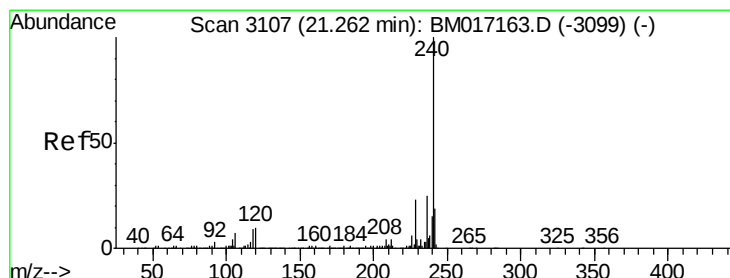
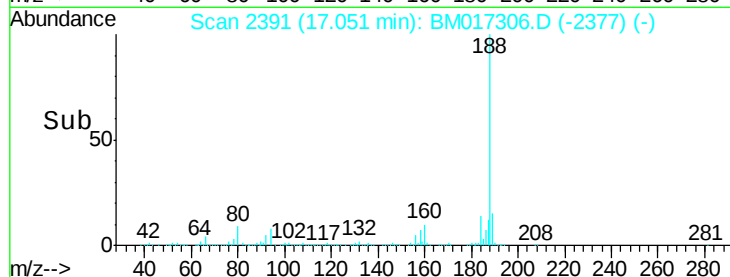
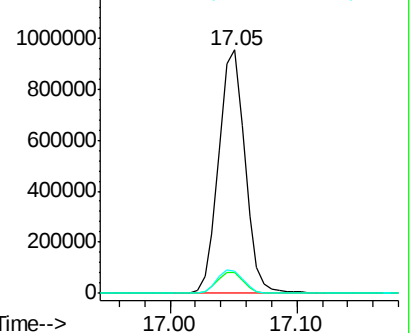
80 9.3 7.7 11.5



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: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

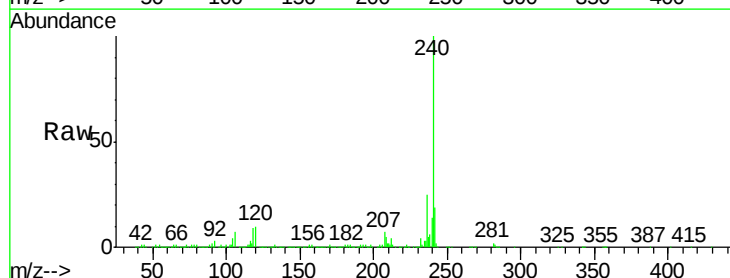
Tgt Ion:240 Resp: 1487549

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

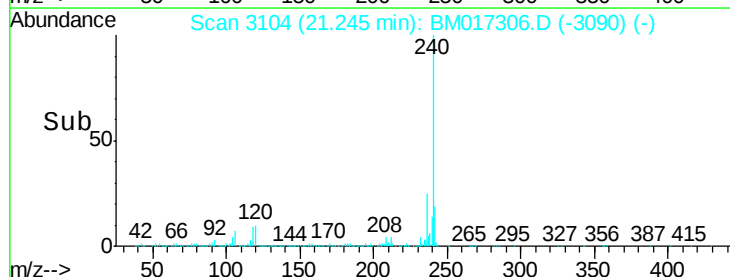
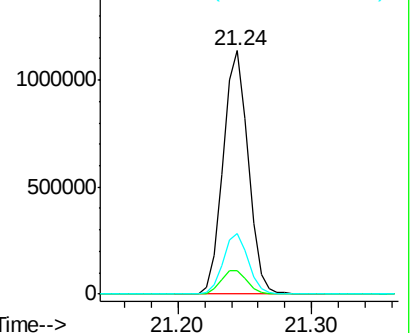
236 25.0 19.9 29.9

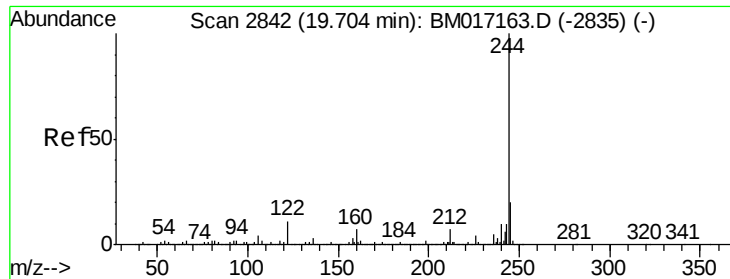


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.424 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

Instrument :

BNA_M

ClientSampleId :

101918-DBRI-E-D-S

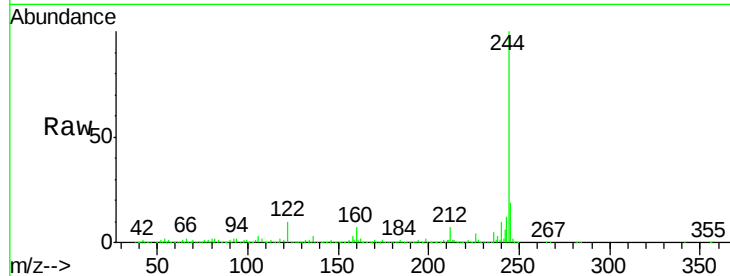
Tgt Ion:244 Resp: 6099614

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

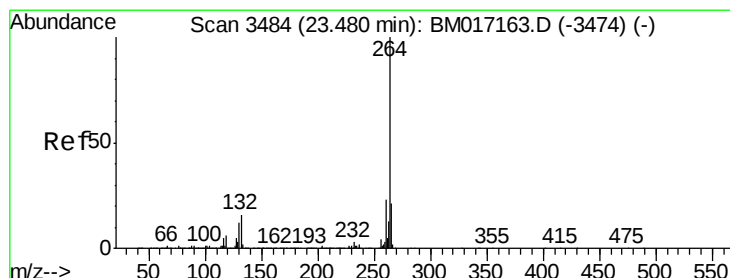
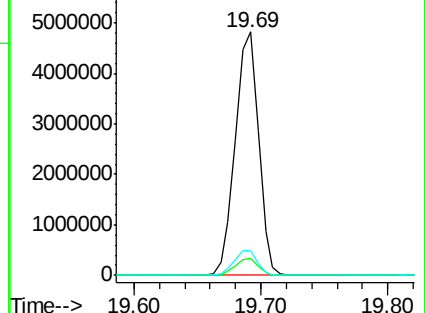
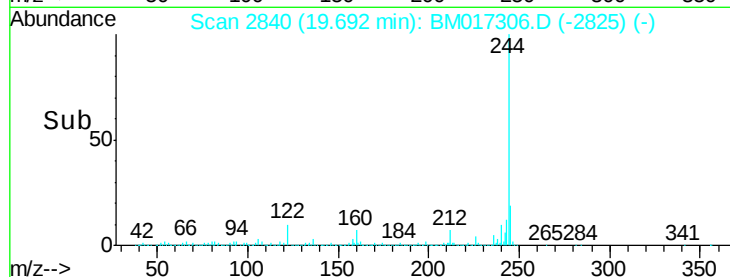
122 10.0 8.4 12.6



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: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017306.D

Acq: 24 Oct 2018 07:56

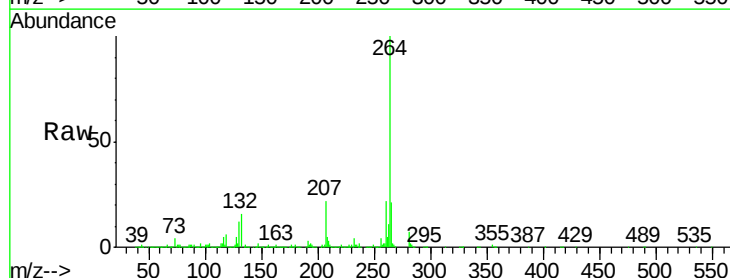
Tgt Ion:264 Resp: 1308300

Ion Ratio Lower Upper

264 100

260 22.4 18.6 27.8

265 21.4 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

