

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017354.D
 Acq On : 26 Oct 2018 18:46
 Operator : MJ/SJ
 Sample : J5204-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-A

Quant Time: Oct 27 02:46:44 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	7.65	152	214392	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	894576	20.00	ng	-0.02
39) Acenaphthene-d10	14.29	164	568814	20.00	ng	-0.02
64) Phenanthrene-d10	17.04	188	1475158	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1787852	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1681654	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1462140	115.35	ng	-0.01
7) Phenol-d6	6.84	99	1800202	104.28	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1370035	89.57	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1102422	143.31	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	3422282	80.05	ng	-0.02
79) Terphenyl-d14	19.69	244	6537705	82.42	ng	-0.02

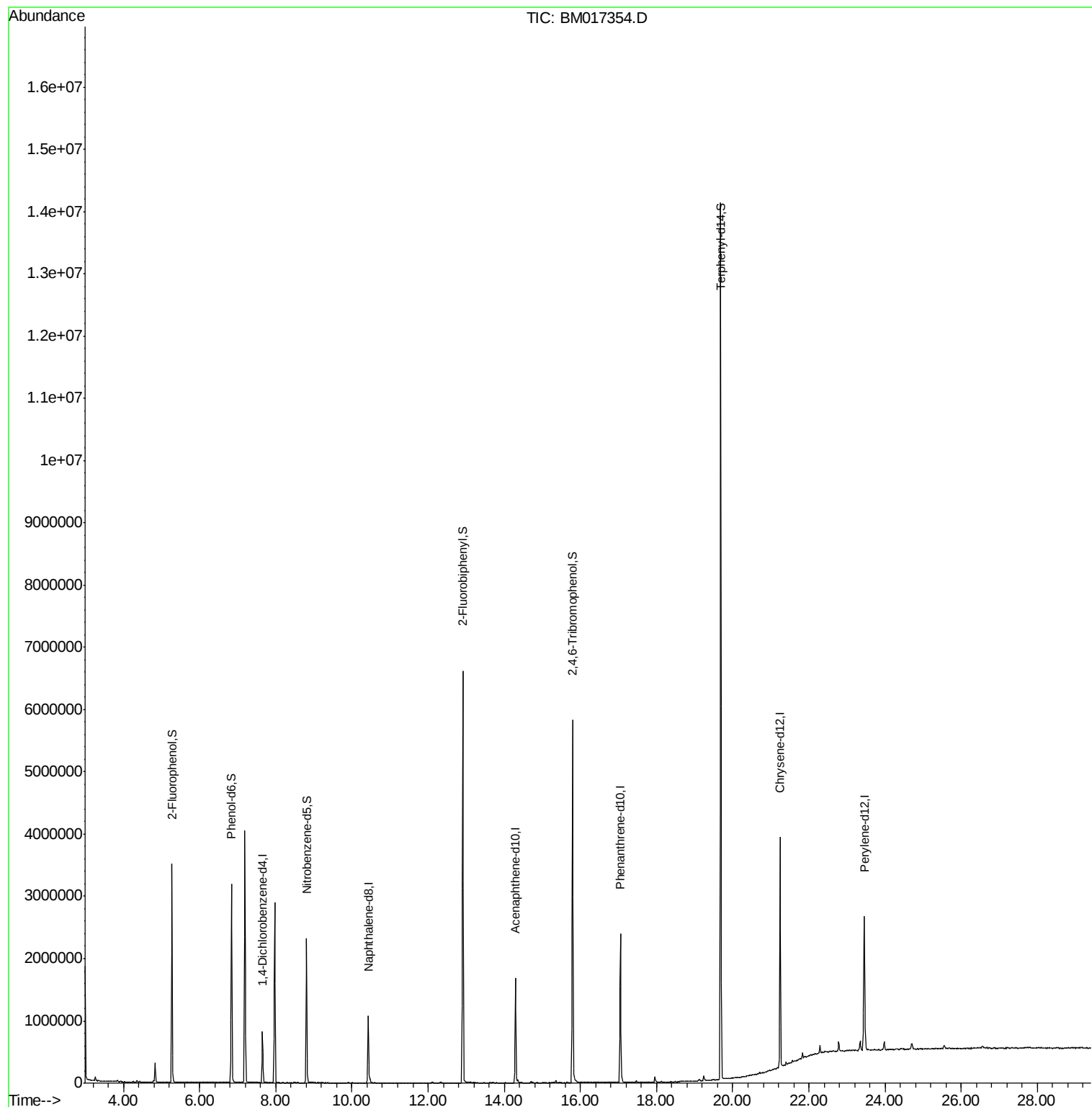
Target Compounds Qvalue

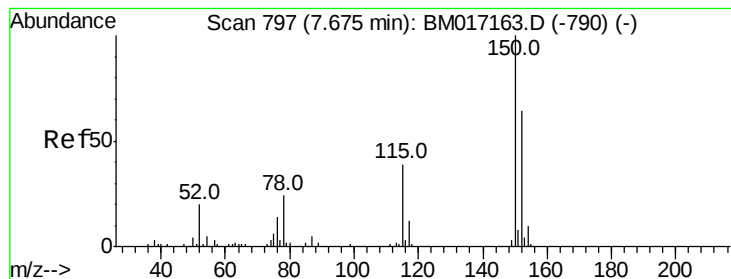
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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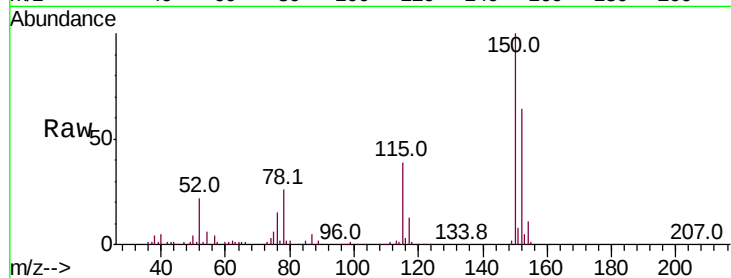


#1

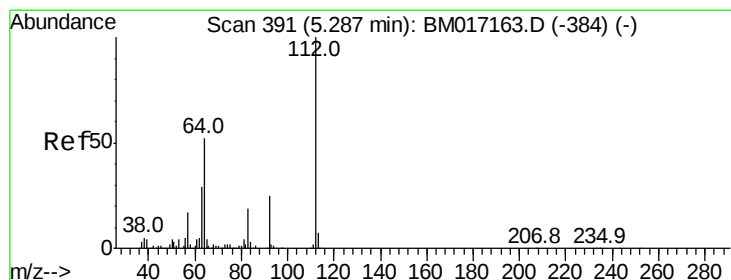
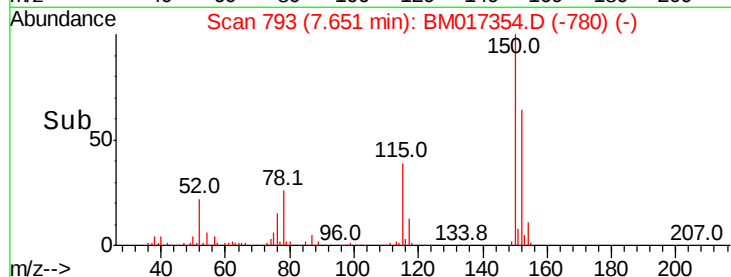
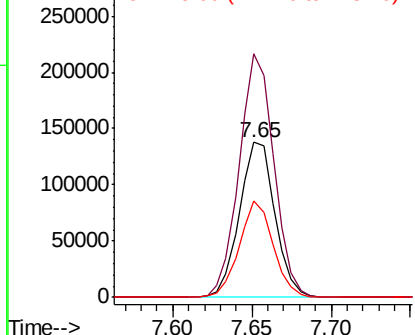
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017354.D
Acq: 26 Oct 2018 18:46

Instrument :
BNA_M
ClientSampleId :
SU-02-102518-A

Tot Ion:152 Resp: 214392
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 62.1 48.1 72.1



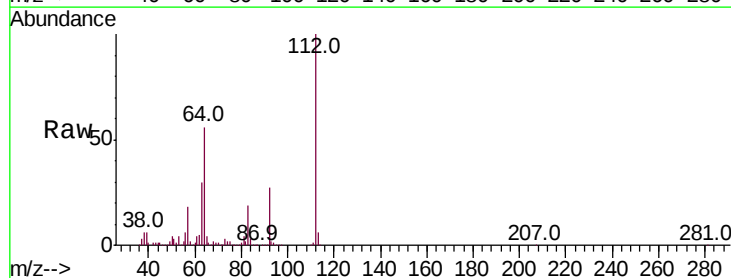
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



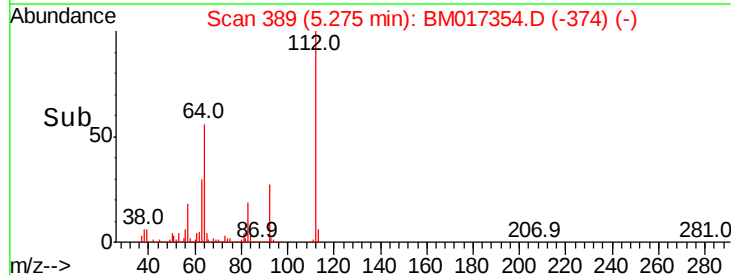
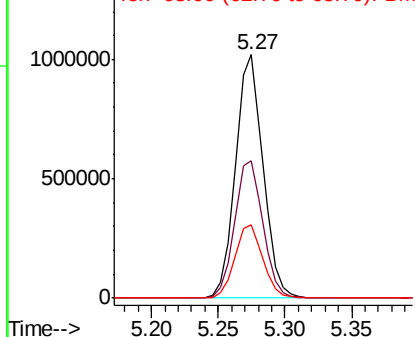
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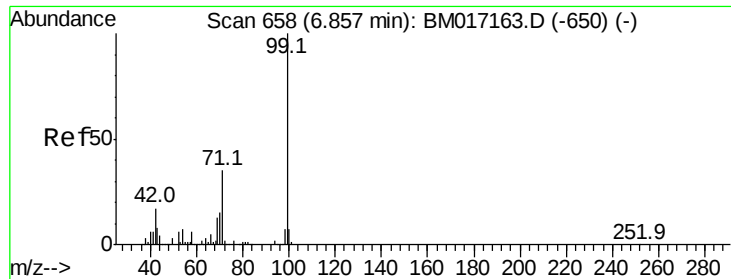
2-Fluorophenol
Concen: 115.348 ng
RT: 5.27 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017354.D
Acq: 26 Oct 2018 18:46

Tgt Ion:112 Resp: 1462140
Ion Ratio Lower Upper
112 100
64 56.5 41.7 62.5
63 30.2 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: 104.276 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017354.D

Acq: 26 Oct 2018 18:46

Instrument :

BNA_M

ClientSampleId :

SU-02-102518-A

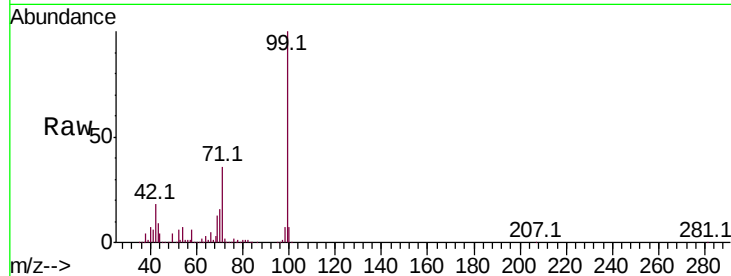
Tot Ion: 99 Resp: 1800202

Ion Ratio Lower Upper

99 100

42 18.3 13.3 19.9

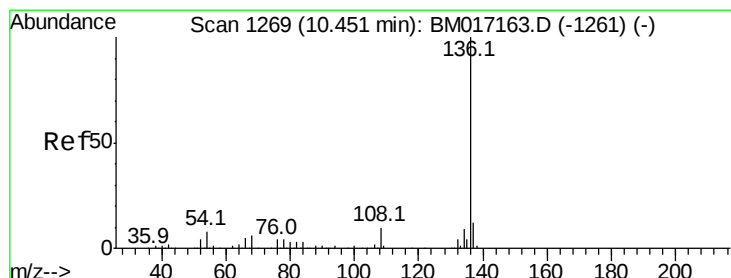
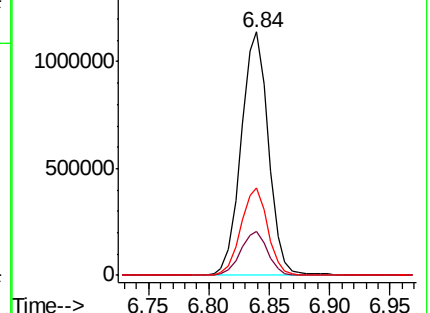
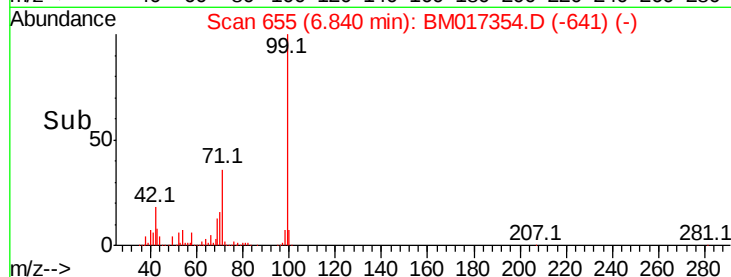
71 35.8 28.0 42.0



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# 1265

Delta R.T. -0.02 min

Lab File: BM017354.D

Acq: 26 Oct 2018 18:46

Tgt Ion: 136 Resp: 894576

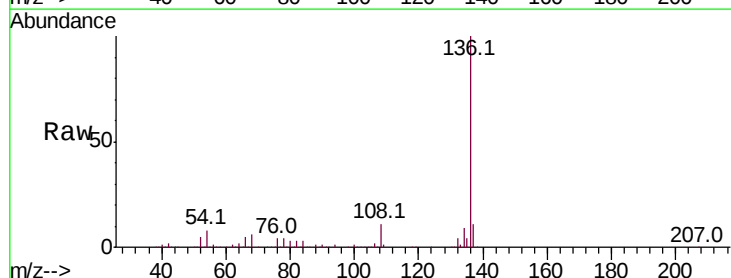
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.9 6.7 10.1

68 5.9 4.7 7.1

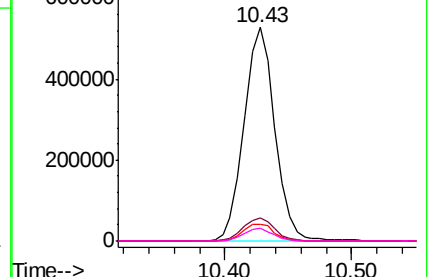
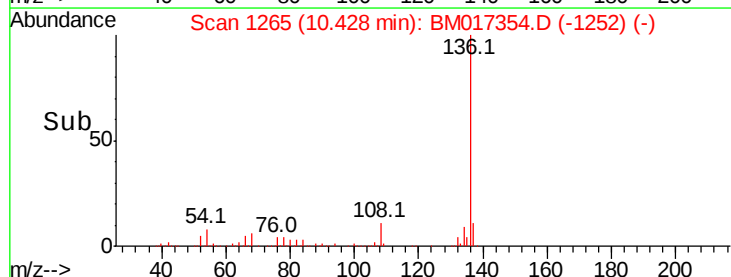


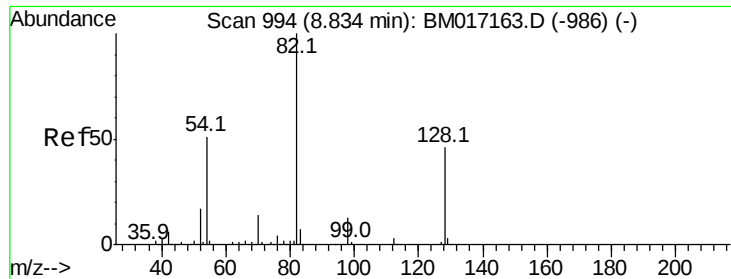
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

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) (-)

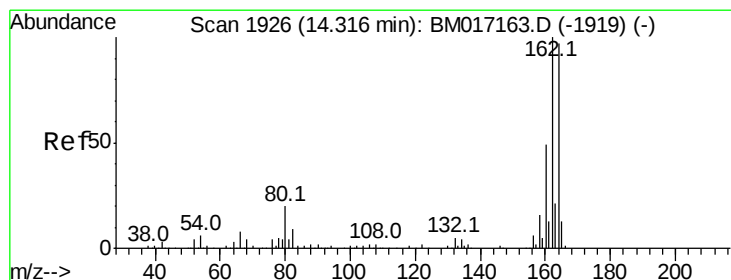
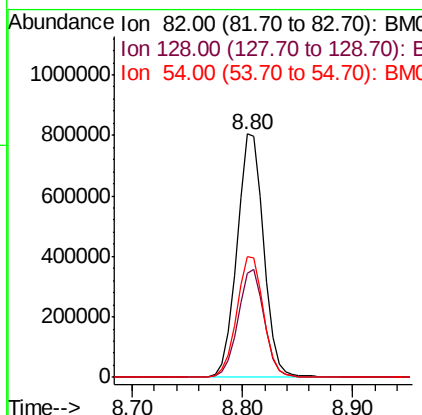
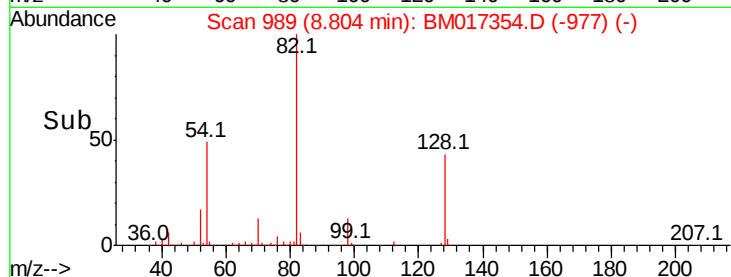
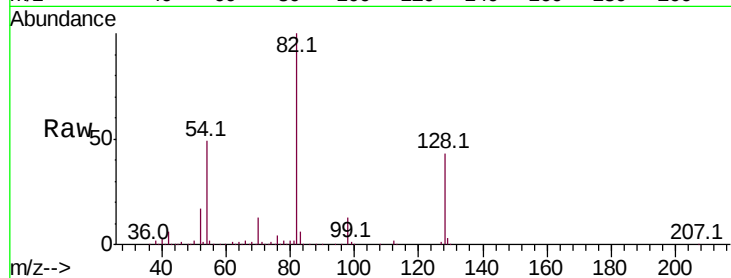




#23
Nitrobenzene-d5
Concen: 89.570 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM017354.D
Acq: 26 Oct 2018 18:46

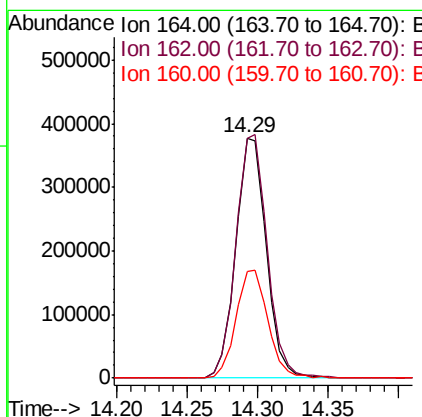
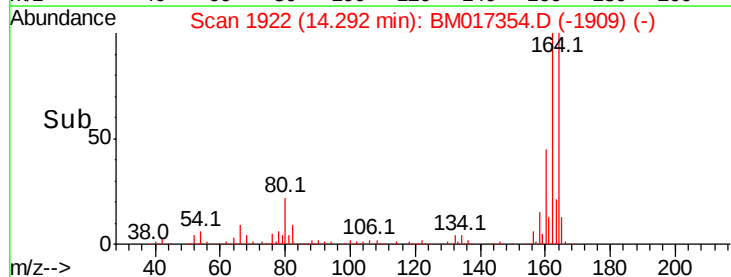
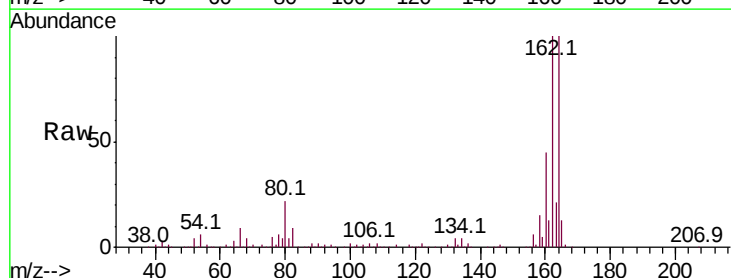
Instrument :
BNA_M
ClientSampleId :
SU-02-102518-A

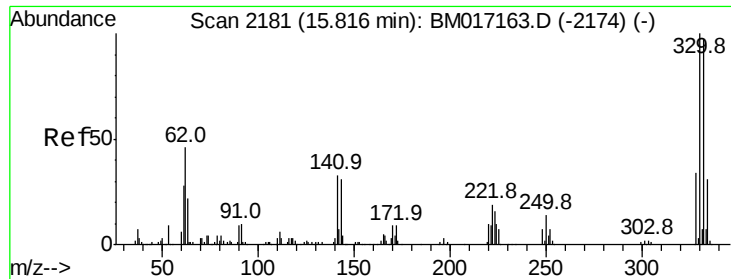
Tot Ion: 82 Resp: 1370035
Ion Ratio Lower Upper
82 100
128 43.0 37.0 55.6
54 49.4 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM017354.D
Acq: 26 Oct 2018 18:46

Tgt Ion:164 Resp: 568814
Ion Ratio Lower Upper
164 100
162 99.9 82.1 123.1
160 44.6 40.2 60.2

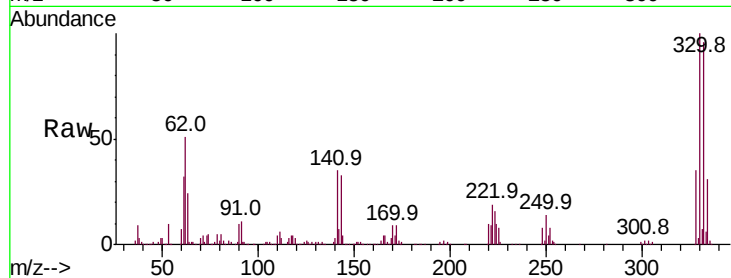




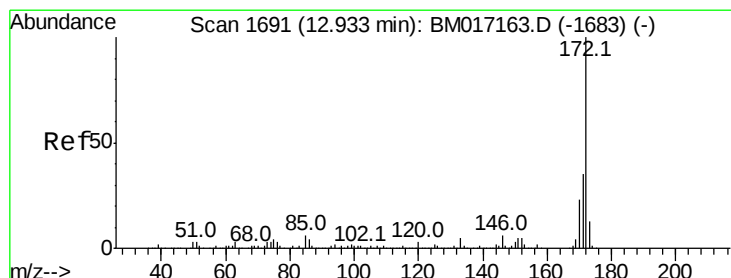
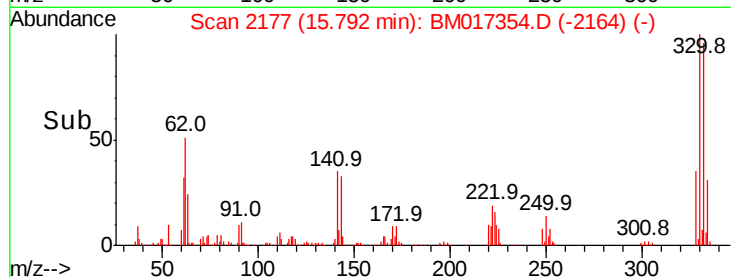
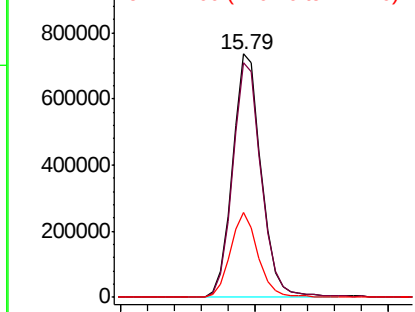
#42
 2,4,6-Tribromophenol
 Concen: 143.314 ng
 RT: 15.79 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BM017354.D
 Acq: 26 Oct 2018 18:46

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-102518-A

Tot Ion:330 Resp: 1102422
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.6 27.4 41.0

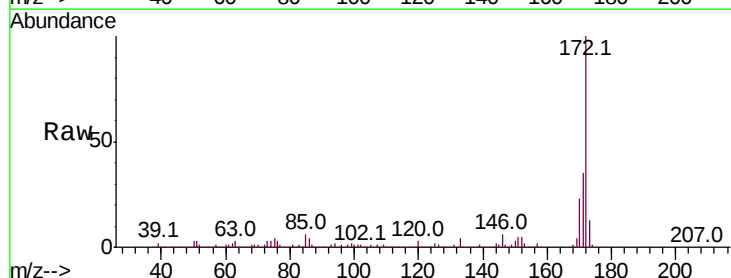


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

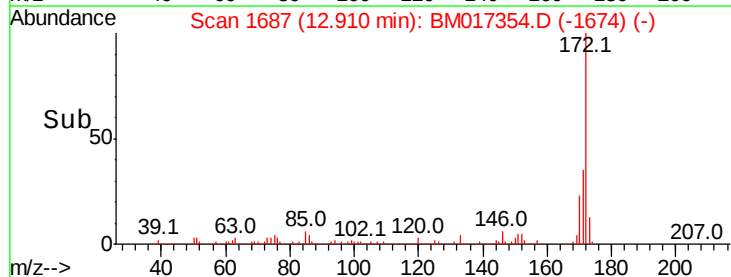
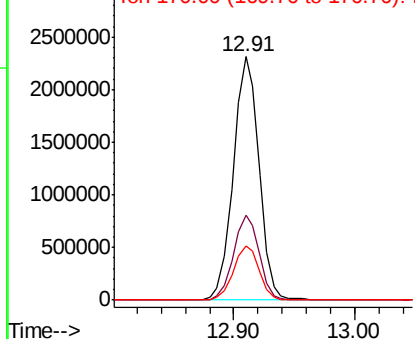


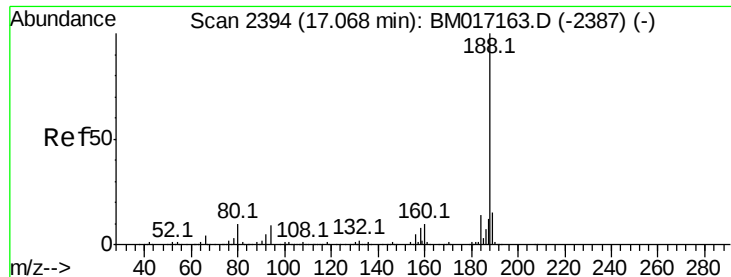
#45
 2-Fluorobiphenyl
 Concen: 80.052 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM017354.D
 Acq: 26 Oct 2018 18:46

Tgt Ion:172 Resp: 3422282
 Ion Ratio Lower Upper
 172 100
 171 34.7 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: 17.04 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BM017354.D

Acq: 26 Oct 2018 18:46

Instrument :

BNA_M

ClientSampleId :

SU-02-102518-A

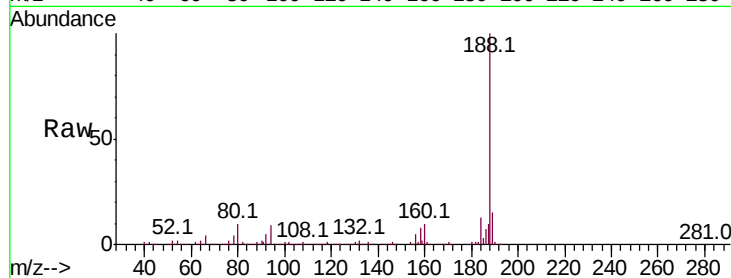
Tot Ion:188 Resp: 1475158

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

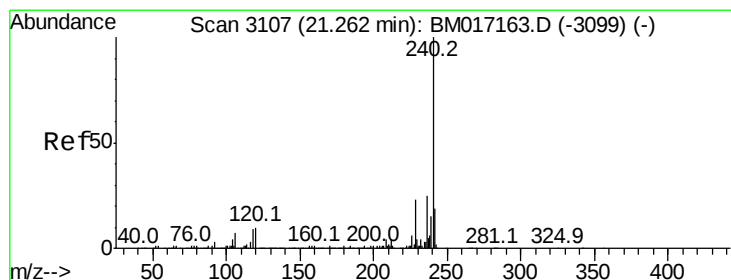
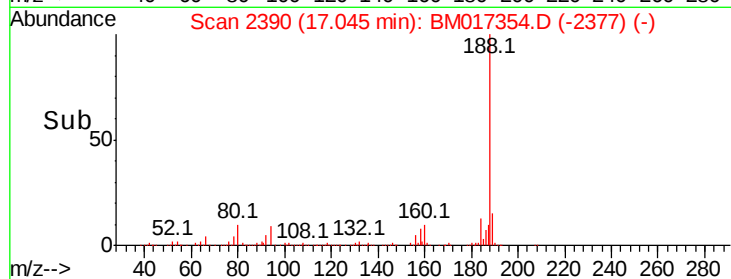
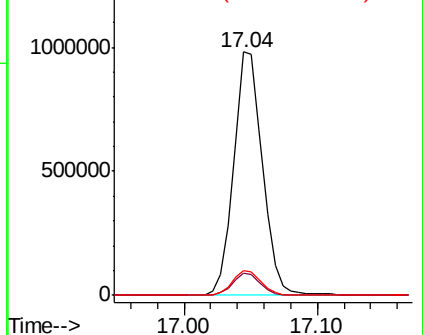
80 10.1 7.7 11.5



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: BM017354.D

Acq: 26 Oct 2018 18:46

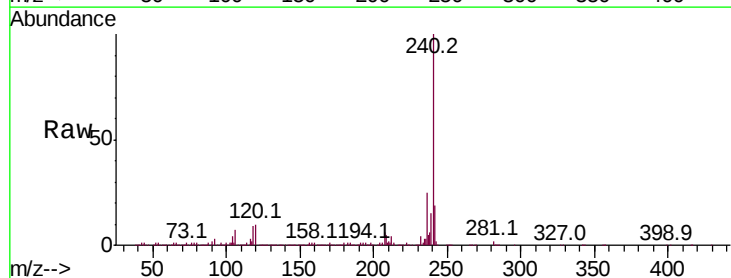
Tgt Ion:240 Resp: 1787852

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

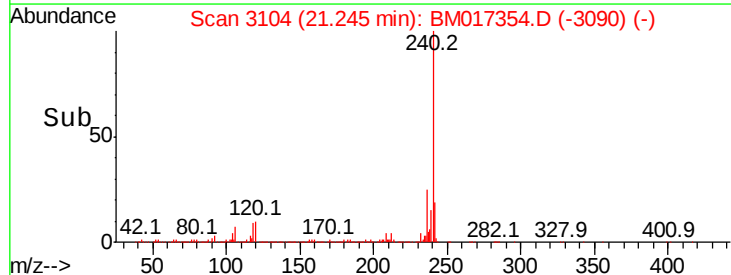
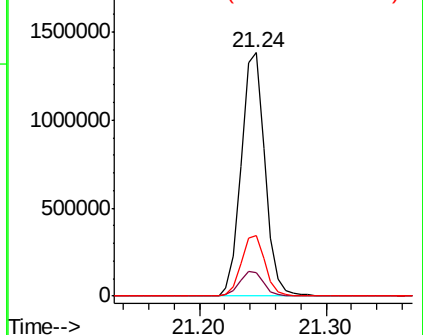
236 24.7 19.9 29.9

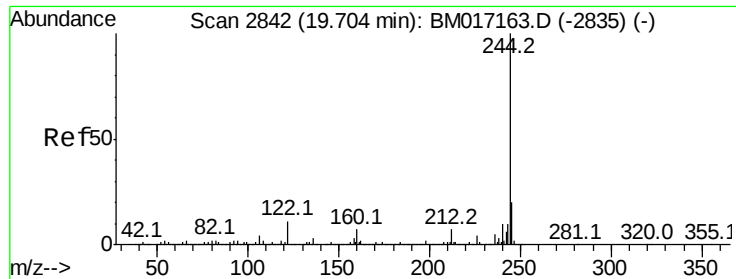


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.423 ng

RT: 19.69 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BM017354.D

Acq: 26 Oct 2018 18:46

Instrument :

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ClientSampleId :

SU-02-102518-A

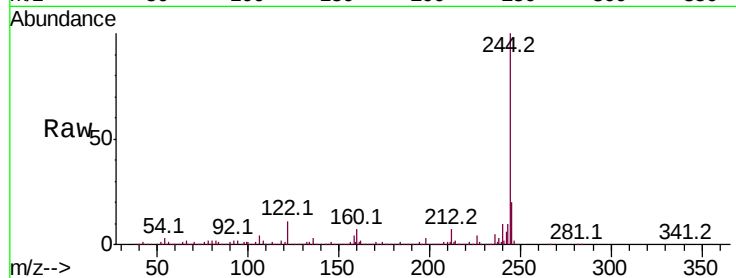
Tot Ion:244 Resp: 6537705

Ion Ratio Lower Upper

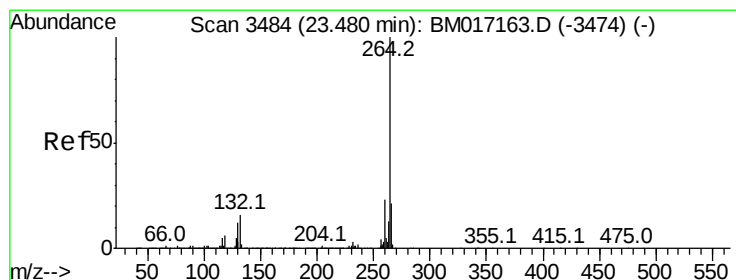
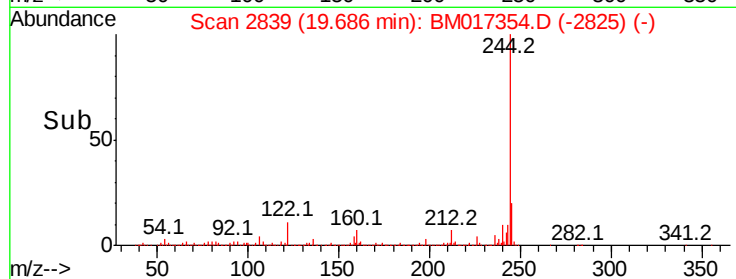
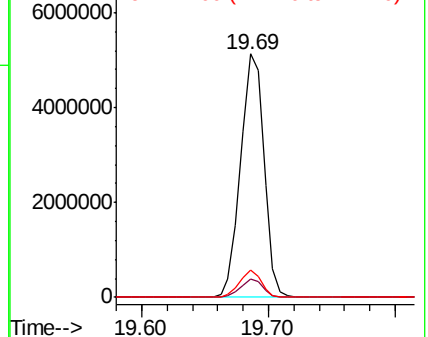
244 100

212 7.3 5.5 8.3

122 11.0 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: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017354.D

Acq: 26 Oct 2018 18:46

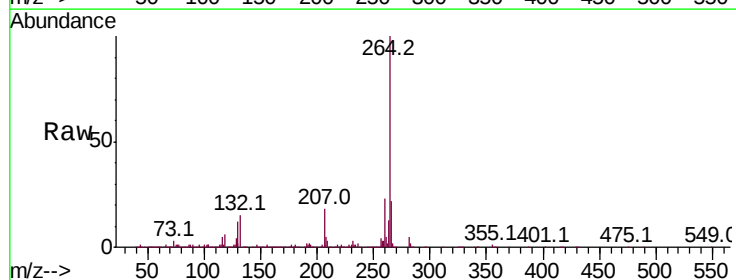
Tgt Ion:264 Resp: 1681654

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.9 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

