

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
 Data File : BM018555.D
 Acq On : 14 Jan 2019 17:23
 Operator : JU/SJ
 Sample : K1131-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019

Quant Time: Jan 14 23:40:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

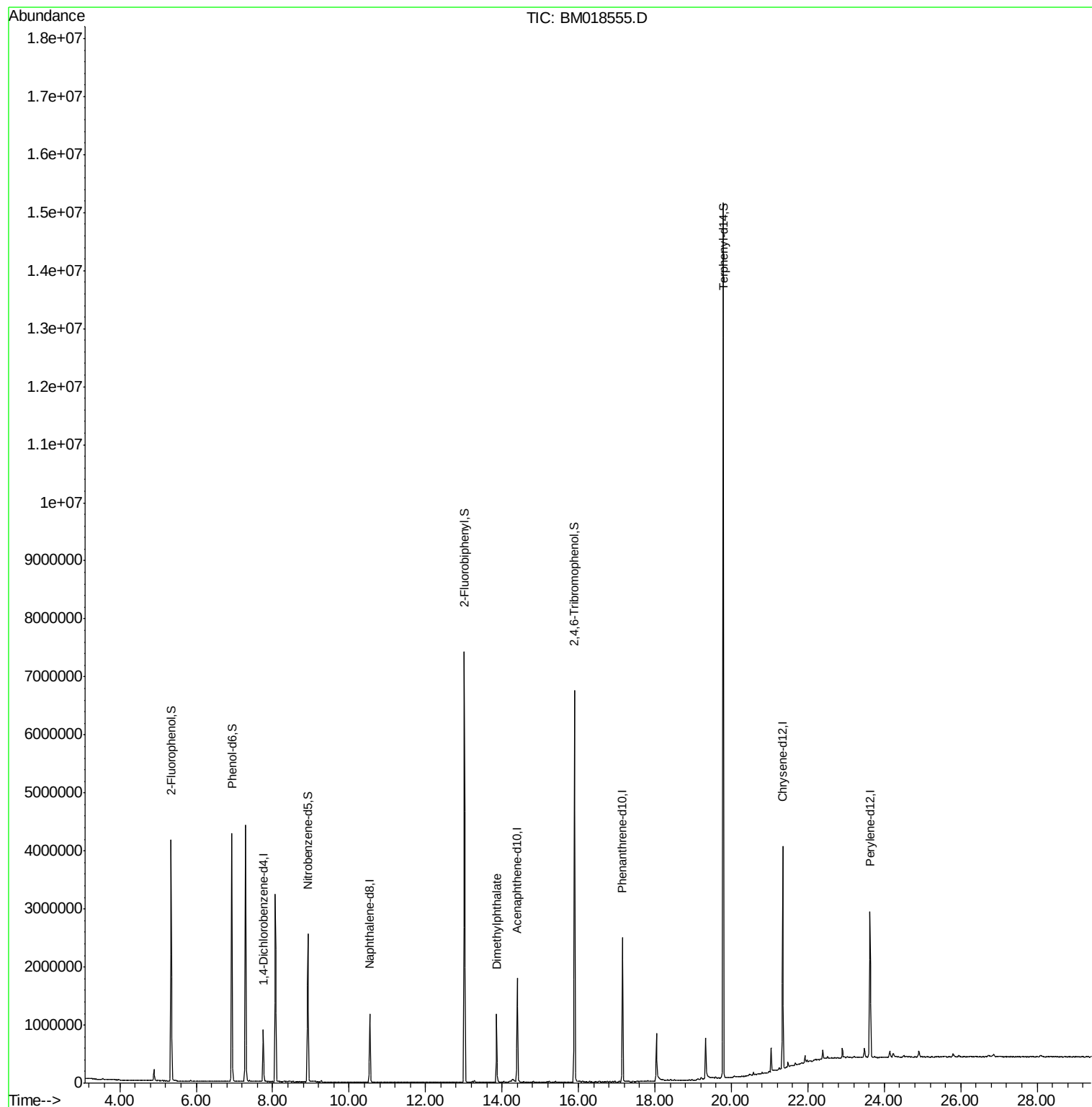
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	242543	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	986560	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	602687	20.00	ng	0.00
64) Phenanthrene-d10	17.15	188	1447657	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1655562	20.00	ng	0.00
87) Perylene-d12	23.63	264	1801960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1782767	135.72	ng	0.00
7) Phenol-d6	6.93	99	2401673	143.96	ng	0.00
23) Nitrobenzene-d5	8.92	82	1418931	83.38	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1187383	154.73	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3867040	83.72	ng	0.00
79) Terphenyl-d14	19.79	244	6778286	86.31	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.86	163	805442	16.273	ng	Qvalue 99

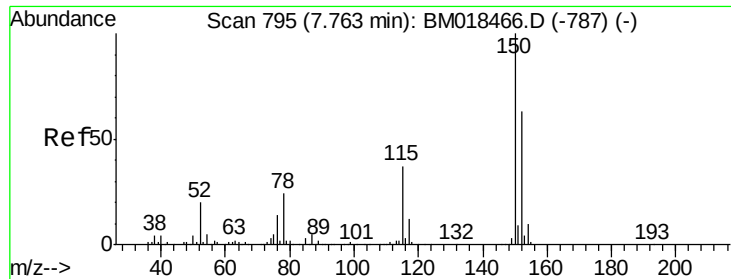
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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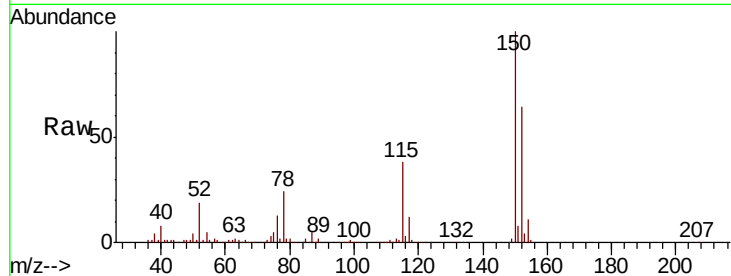


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Instrument :
BNA_M
ClientSampleId :
QD-01-011019

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.9	190.3
115	60.1	45.5	68.3

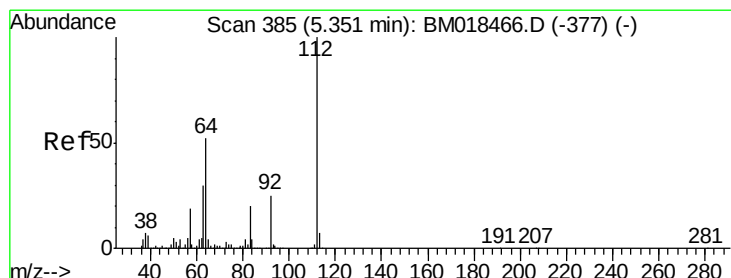
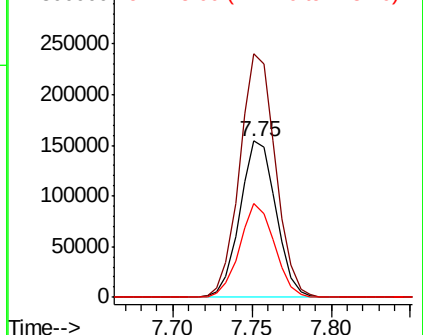
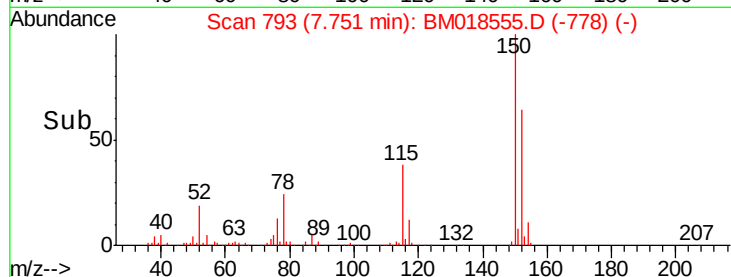


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

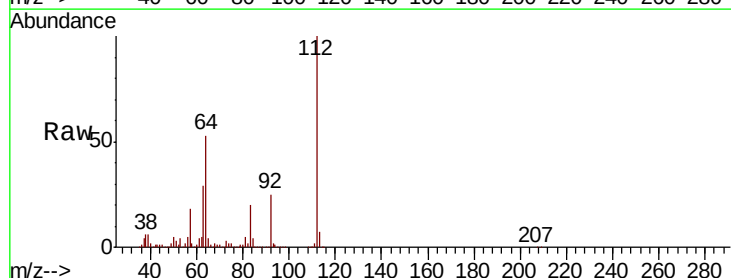
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.723 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	28.7	25.2	37.8

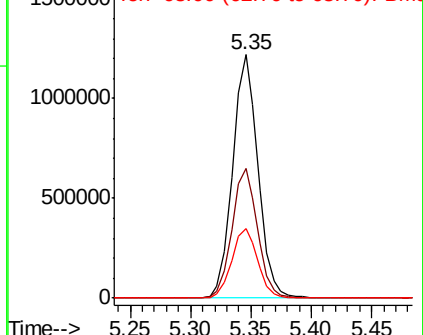
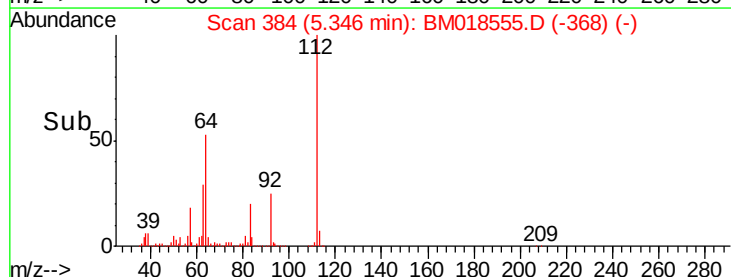


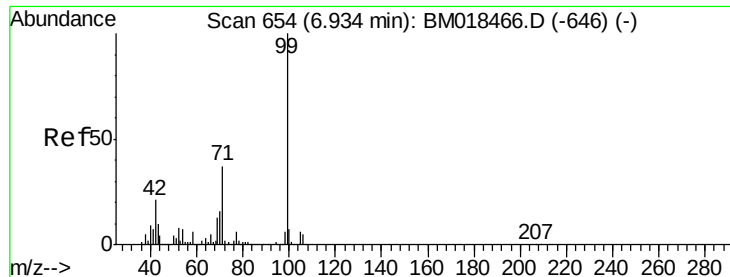
Abundance

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: 143.955 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Instrument :

BNA_M

ClientSampleId :

QD-01-011019

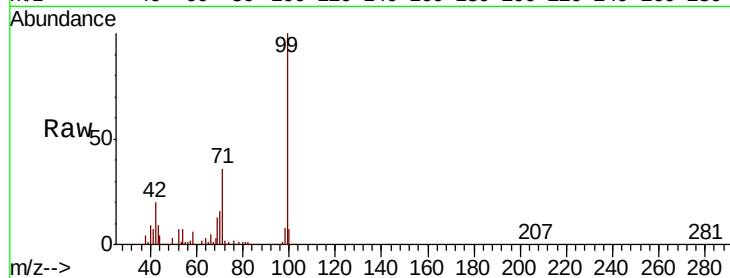
Tot Ion: 99 Resp: 2401673

Ion Ratio Lower Upper

99 100

42 19.6 17.3 25.9

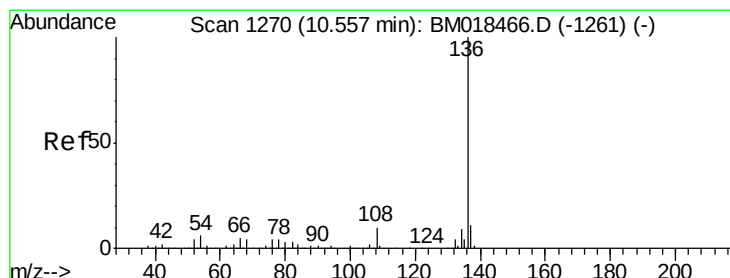
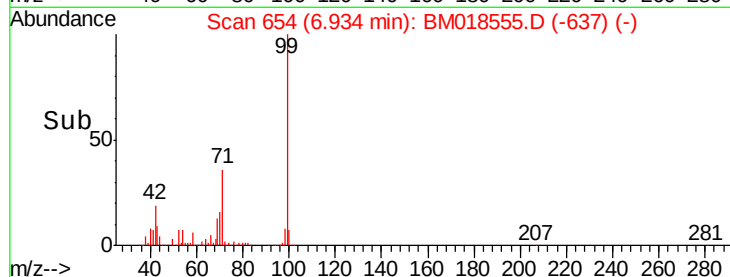
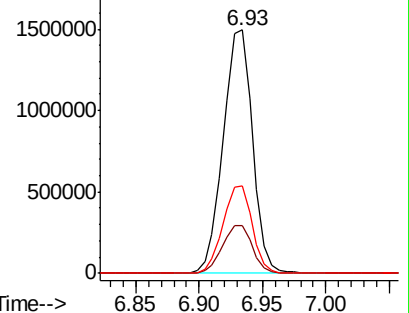
71 36.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Tgt Ion: 136 Resp: 986560

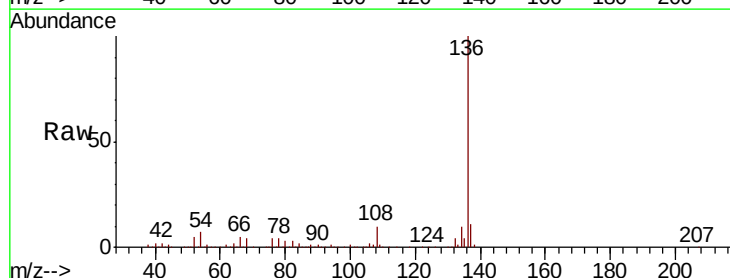
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 6.0 9.0

68 4.2 4.5 6.7#

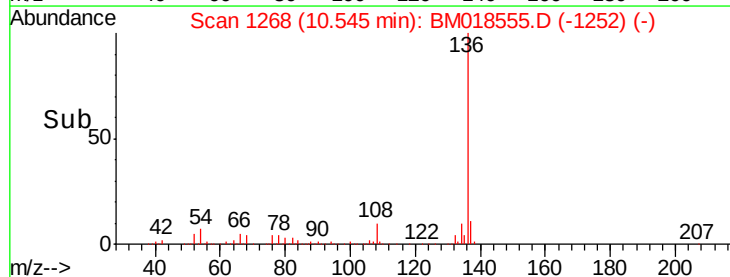
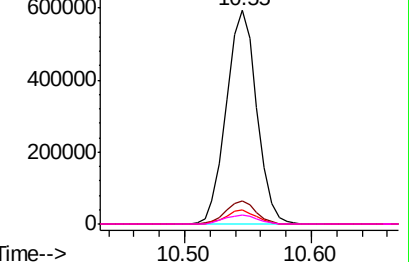


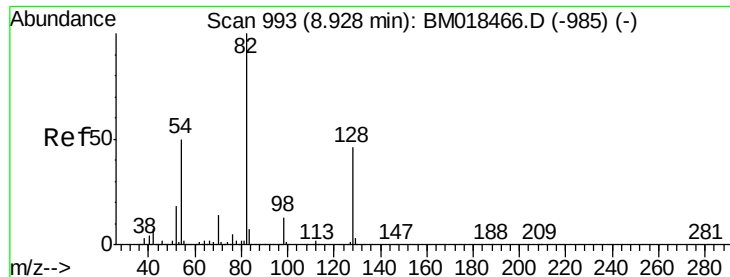
Abundance Ion 136.00 (135.70 to 136.70): BM018466.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM018466.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM018466.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM018466.D (-1261) (-)





#23

Nitrobenzene-d5

Concen: 83.377 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Instrument :

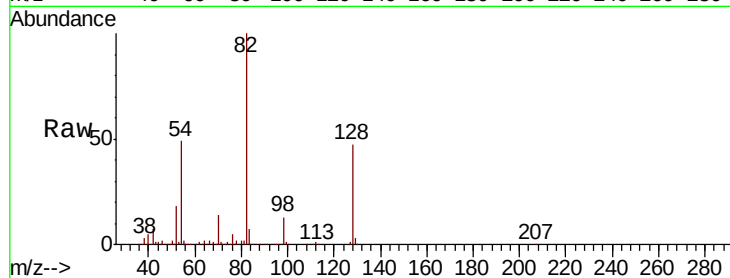
BNA_M

ClientSampleId :

QD-01-011019

Tot Ion: 82 Resp: 1418931

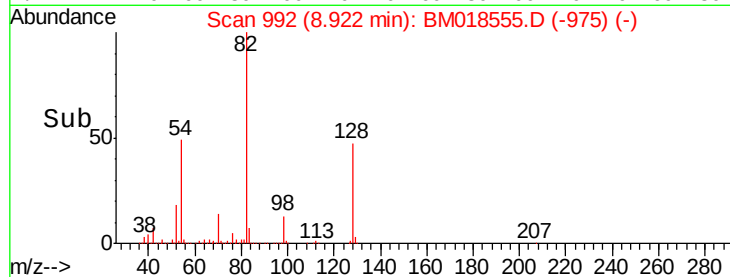
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	49.3	41.7	62.5



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-985) (-)

Ion 128.00 (127.70 to 128.70): BM018466.D (-985) (-)

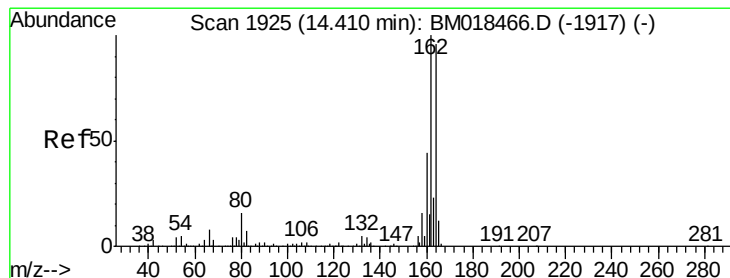
Ion 54.00 (53.70 to 54.70): BM018466.D (-985) (-)



Abundance Ion 82.00 (81.70 to 82.70): BM018555.D (-975) (-)

Ion 128.00 (127.70 to 128.70): BM018555.D (-975) (-)

Ion 54.00 (53.70 to 54.70): BM018555.D (-975) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1924

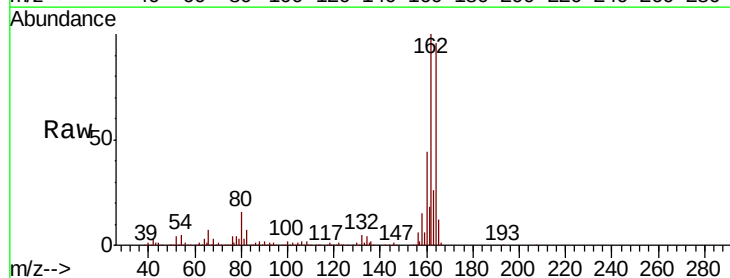
Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Tgt Ion:164 Resp: 602687

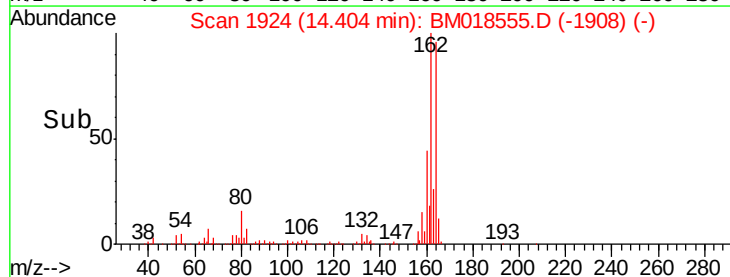
Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.2	37.1	55.7



Abundance Ion 164.00 (163.70 to 164.70): BM018466.D (-1917) (-)

Ion 162.00 (161.70 to 162.70): BM018466.D (-1917) (-)

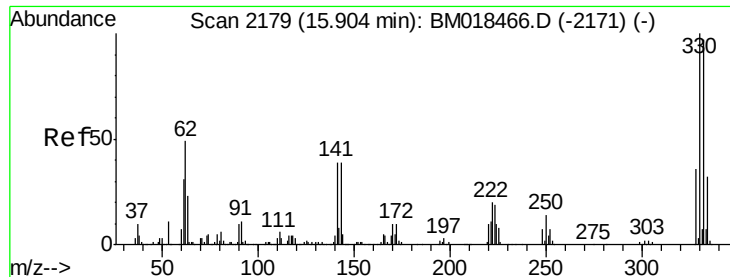
Ion 160.00 (159.70 to 160.70): BM018466.D (-1917) (-)



Abundance Ion 164.00 (163.70 to 164.70): BM018555.D (-1908) (-)

Ion 162.00 (161.70 to 162.70): BM018555.D (-1908) (-)

Ion 160.00 (159.70 to 160.70): BM018555.D (-1908) (-)

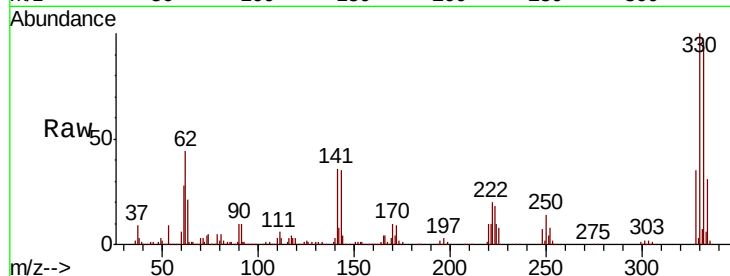


#42
 2,4,6-Tribromophenol
 Concen: 154.730 ng
 RT: 15.90 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BM018555.D
 Acq: 14 Jan 2019 17:23

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019

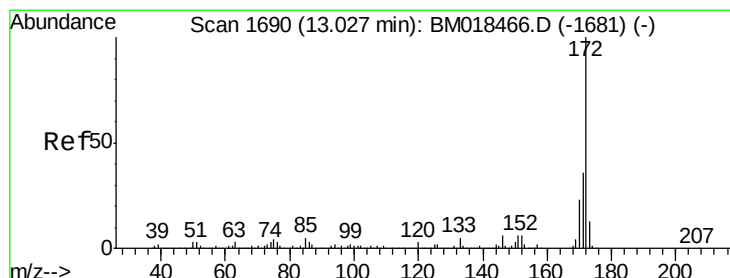
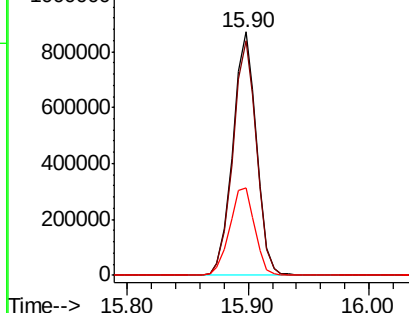
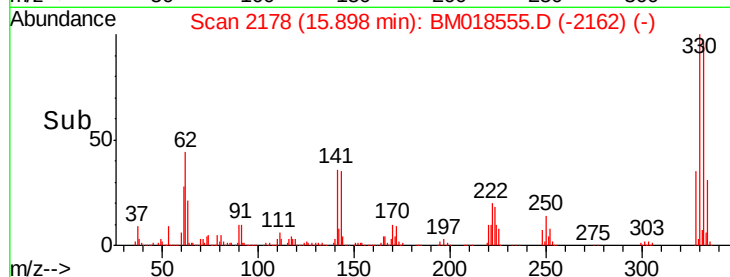
Tot Ion:330 Resp: 1187383

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	38.0	31.7	47.5



Abundance

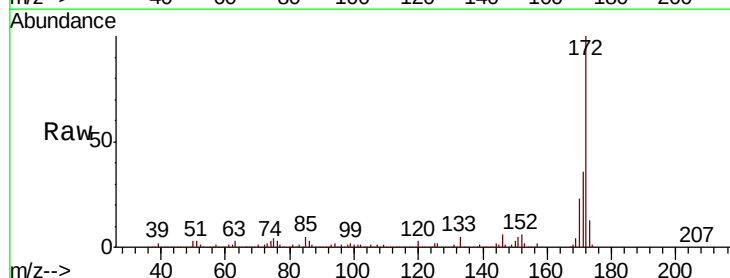
Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.724 ng
 RT: 13.02 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BM018555.D
 Acq: 14 Jan 2019 17:23

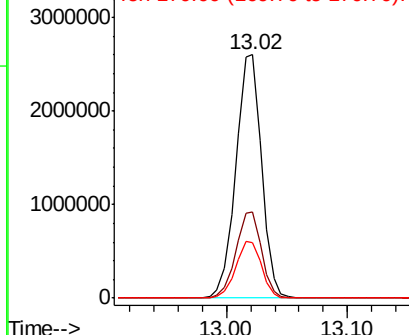
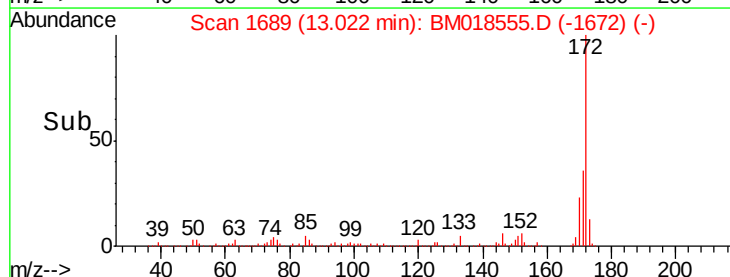
Tgt Ion:172 Resp: 3867040

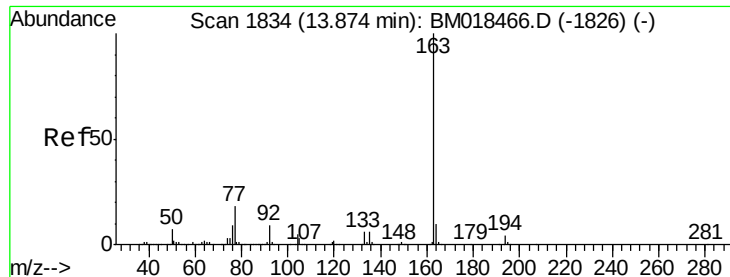
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.0	18.9	28.3



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





#50

Dimethylphthalate

Concen: 16.273 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Instrument :

BNA_M

ClientSampleId :

QD-01-011019

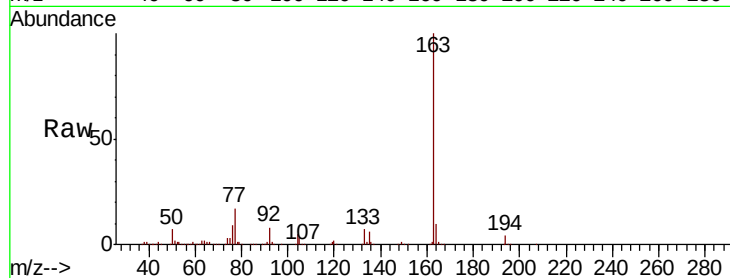
Tot Ion:163 Resp: 805442

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

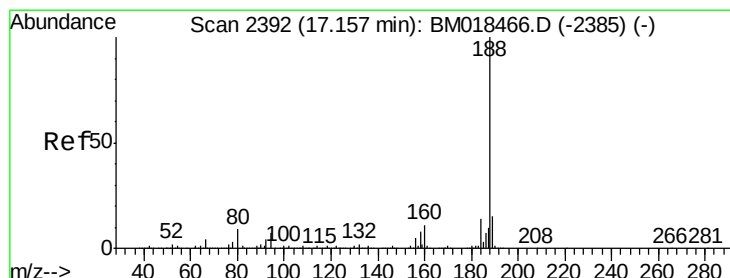
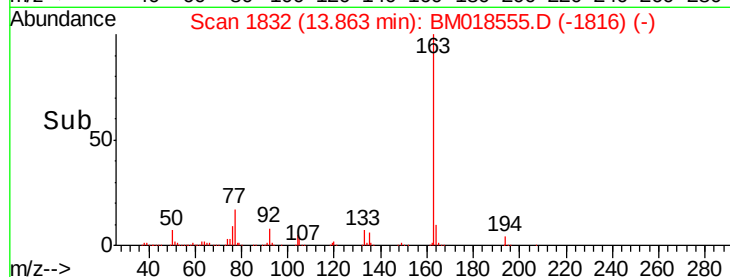
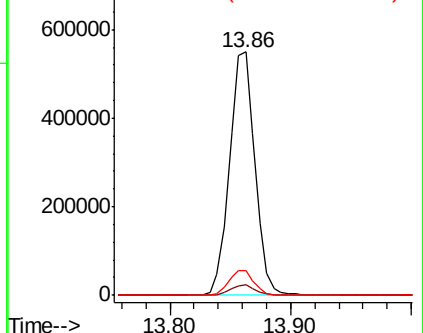
164 10.0 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

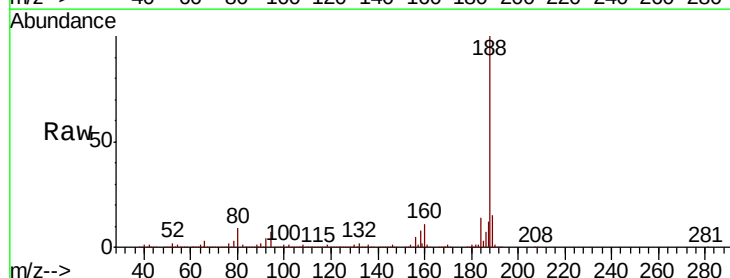
Tgt Ion:188 Resp: 1447657

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

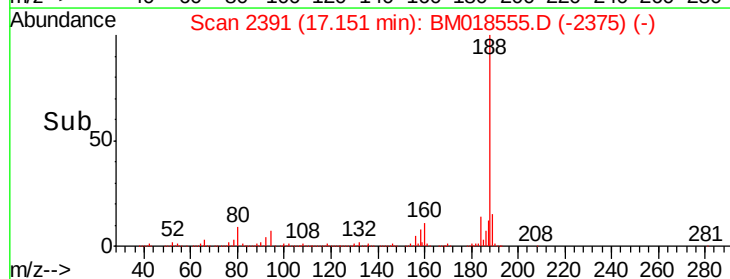
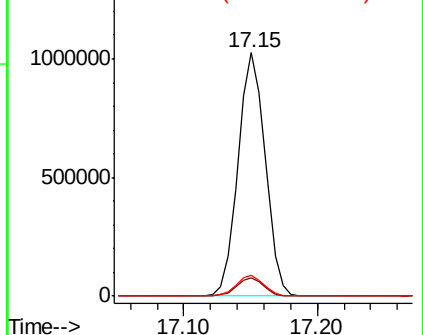
80 8.5 7.6 11.4

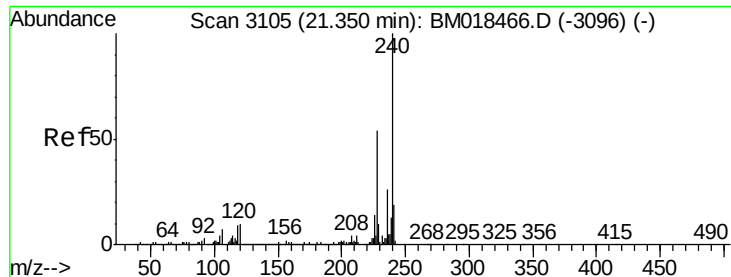


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

Instrument :

BNA_M

ClientSampleId :

QD-01-011019

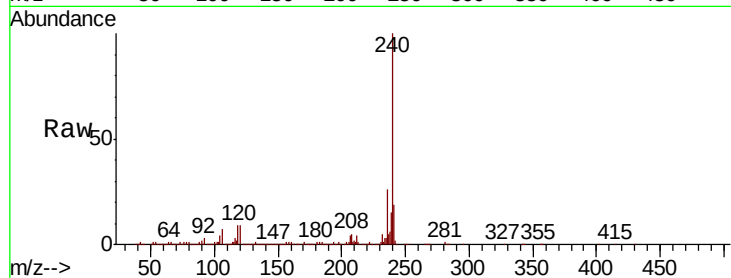
Tot Ion:240 Resp: 1655562

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

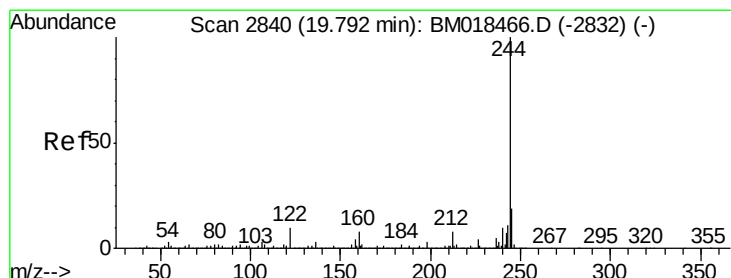
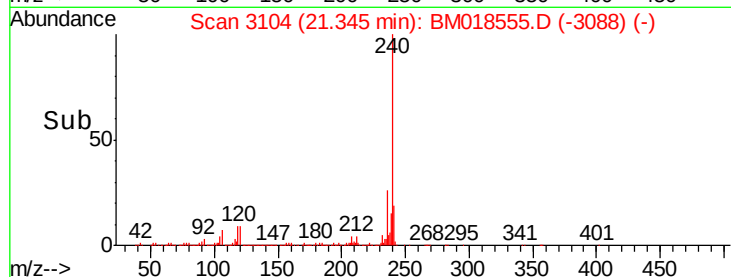
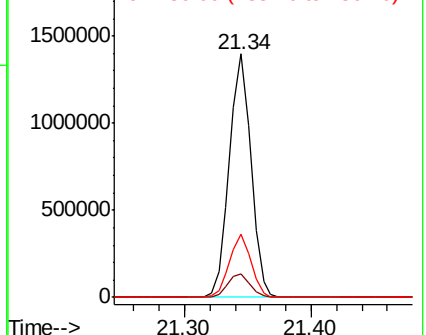
236 25.9 20.7 31.1



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: 86.308 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018555.D

Acq: 14 Jan 2019 17:23

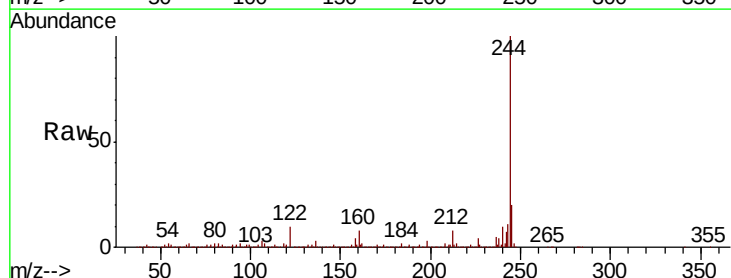
Tgt Ion:244 Resp: 6778286

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

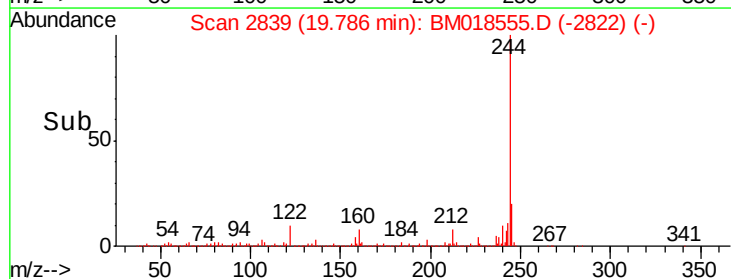
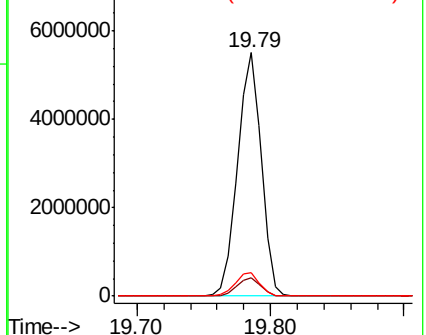
122 9.6 9.0 13.4

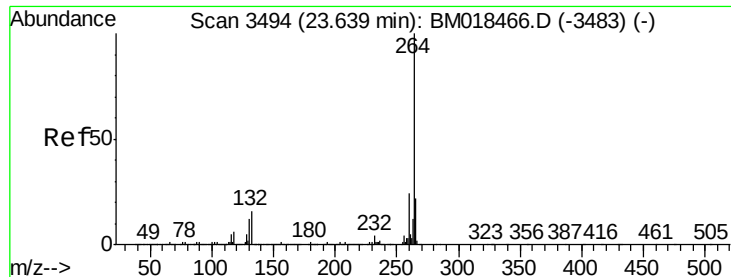


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018555.D
Acq: 14 Jan 2019 17:23

Instrument :
BNA_M
ClientSampleId :
QD-01-011019

Tot Ion:264 Resp: 1801960

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.4	16.8	25.2

