

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018916.D
 Acq On : 25 Feb 2019 15:23
 Operator : JU/SJ
 Sample : K1595-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 25 16:19:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

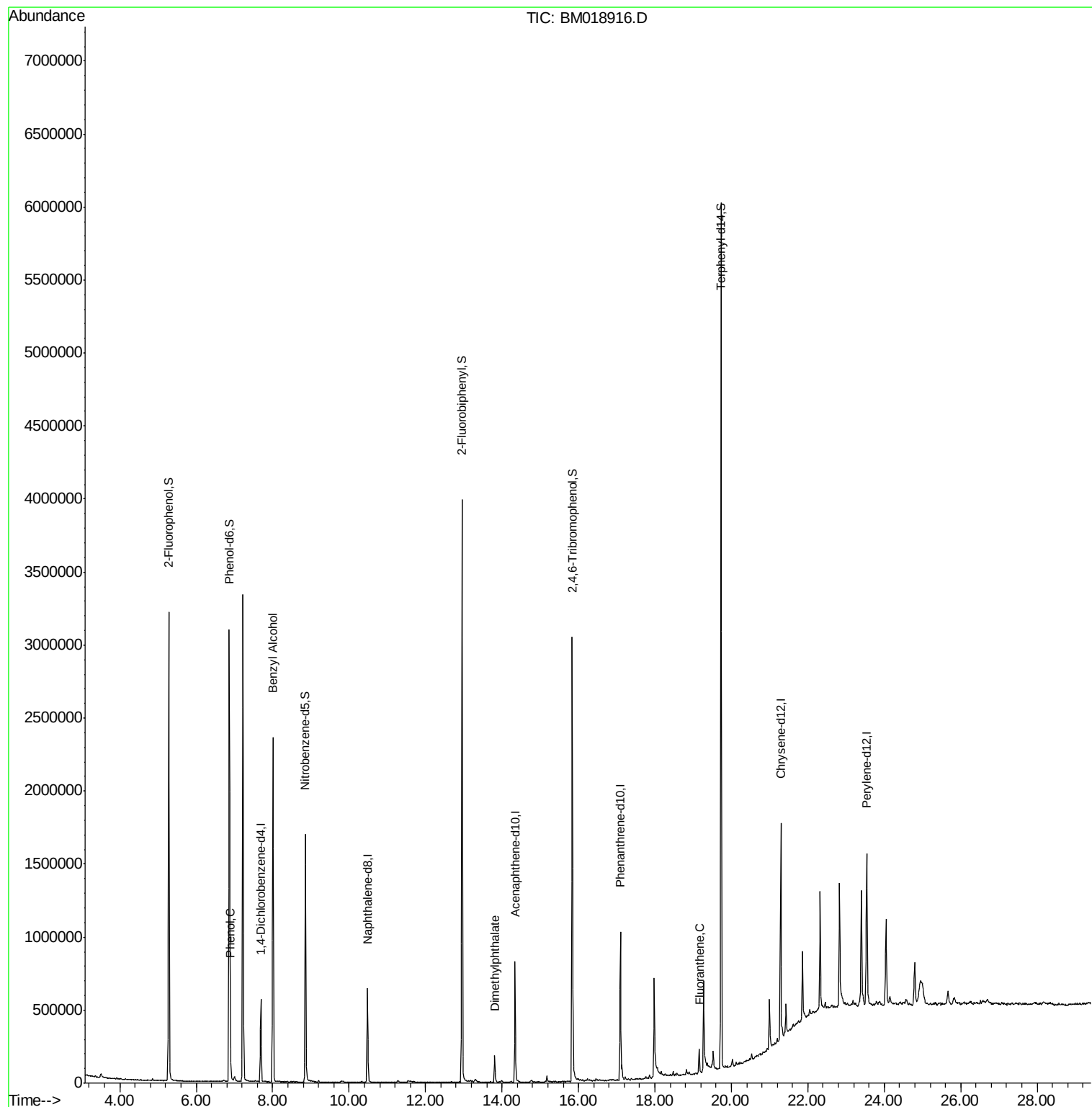
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	143707	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	529918	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	267955	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	580577	20.00	ng	0.00
76) Chrysene-d12	21.29	240	652415	20.00	ng	0.00
87) Perylene-d12	23.54	264	731887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1325179	151.09	ng	0.00
7) Phenol-d6	6.86	99	1789808	144.85	ng	-0.01
23) Nitrobenzene-d5	8.86	82	1106686	96.57	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	561328	145.33	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	1957043	96.95	ng	0.00
79) Terphenyl-d14	19.73	244	2630357	83.17	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.86	77	6391	Below Cal		Qvalue # 7
10) Phenol	6.89	94	111231	8.556	ng	98
15) Benzyl Alcohol	8.00	79	20612	2.099	ng	# 44
50) Dimethylphthalate	13.80	163	127156	5.694	ng	100
75) Fluoranthene	19.16	202	84270	2.338	ng	96

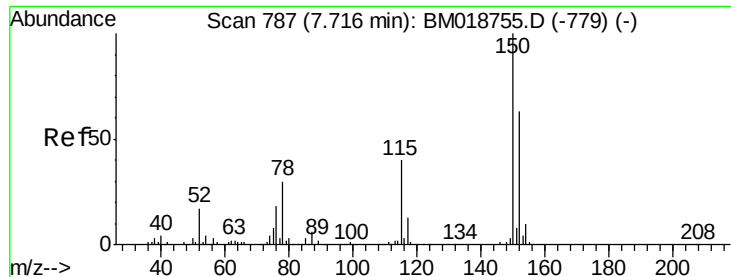
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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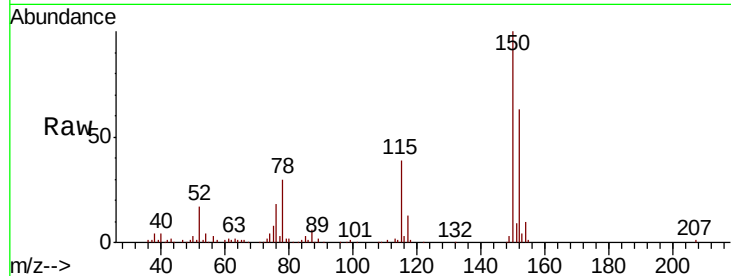


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM018916.D
Acq: 25 Feb 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TP-MH-C02

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.3	190.9
115	62.4	50.8	76.2

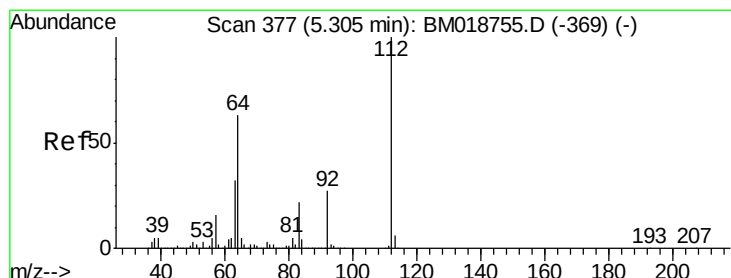
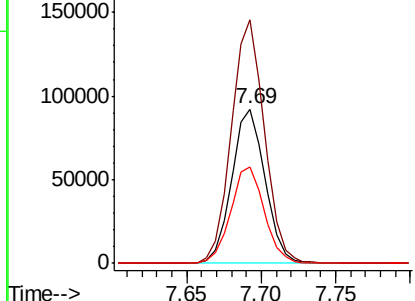
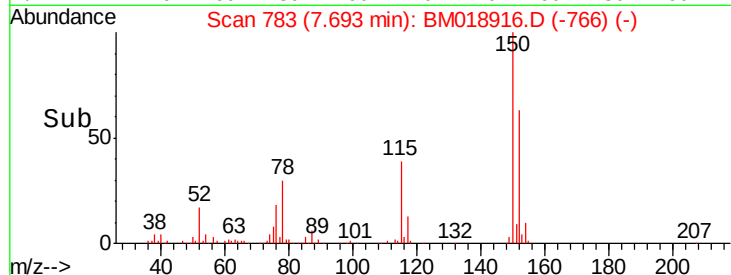


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

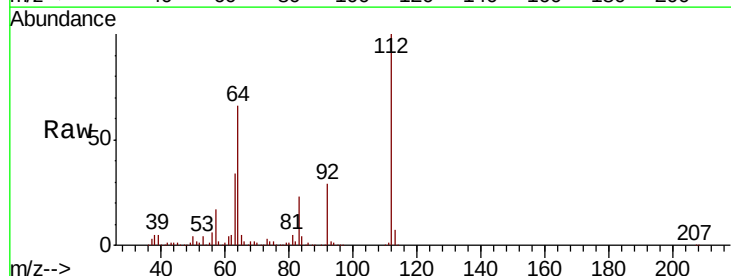
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 151.090 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.01 min
Lab File: BM018916.D
Acq: 25 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	50.6	75.8
63	33.5	25.7	38.5

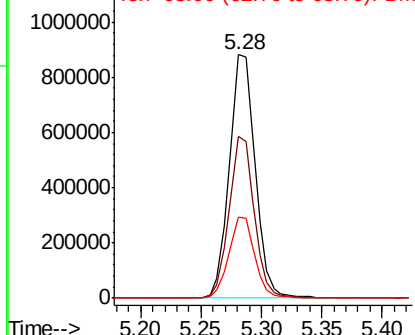
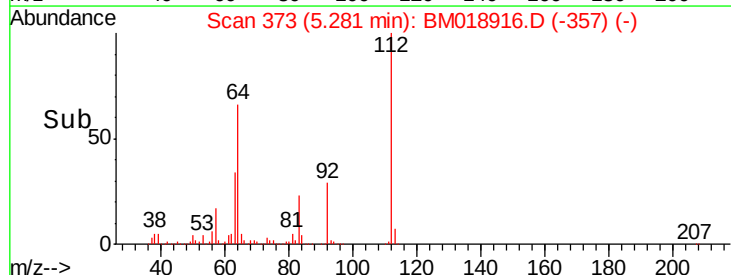


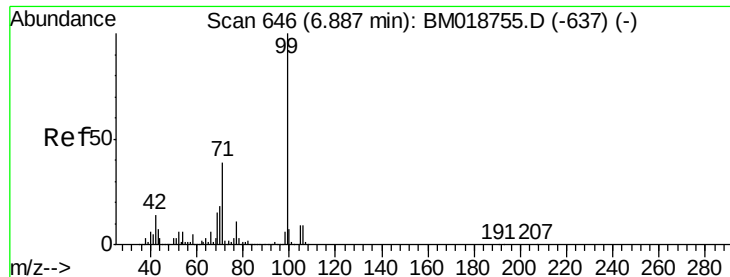
Abundance

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: 144.855 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

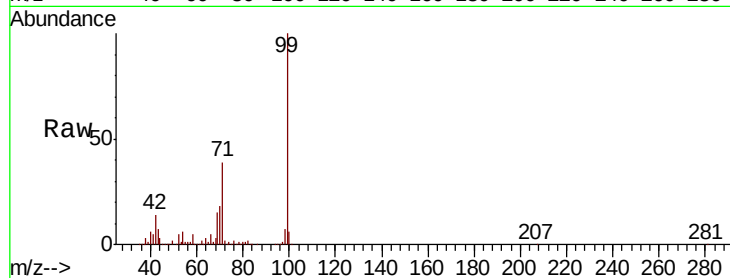
BNA_M

ClientSampleId :

TP-MH-C02

Tot Ion: 99 Resp: 1789808

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.6
71	39.0	31.3	46.9

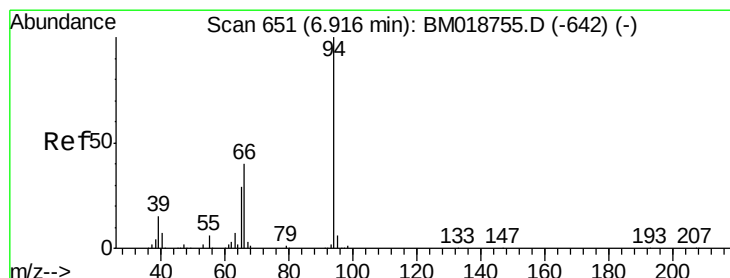
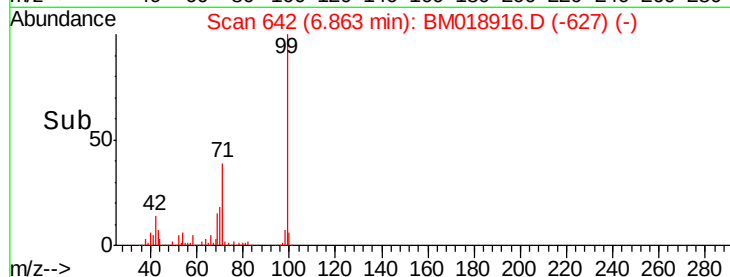


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 8.556 ng

RT: 6.89 min Scan# 647

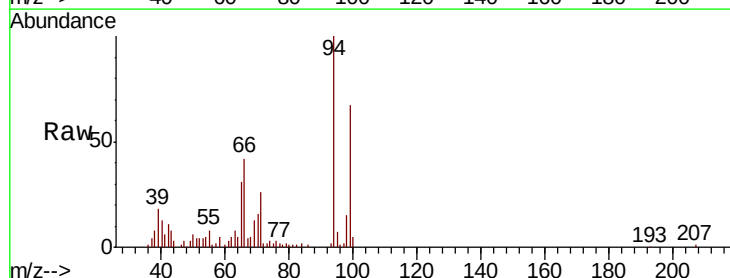
Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Tgt Ion: 94 Resp: 111231

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.6	49.6
66	41.9	20.4	60.4

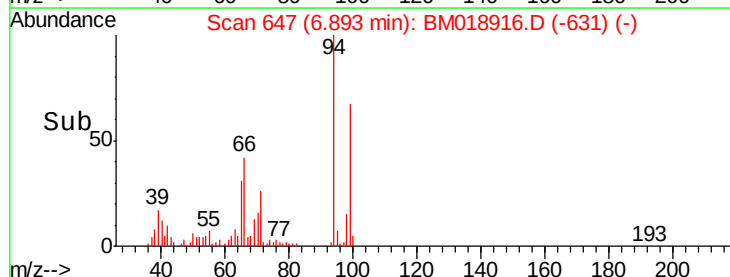


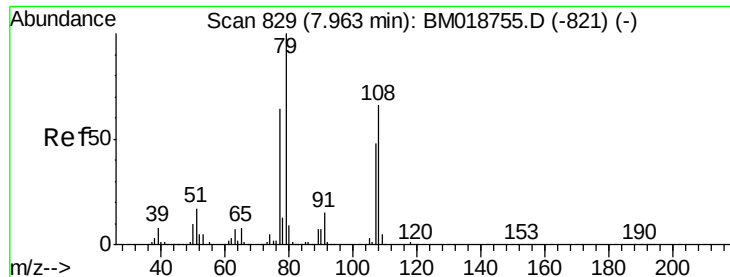
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#15

Benzyl Alcohol

Concen: 2.099 ng

RT: 8.00 min Scan# 836

Delta R.T. 0.06 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

TP-MH-C02

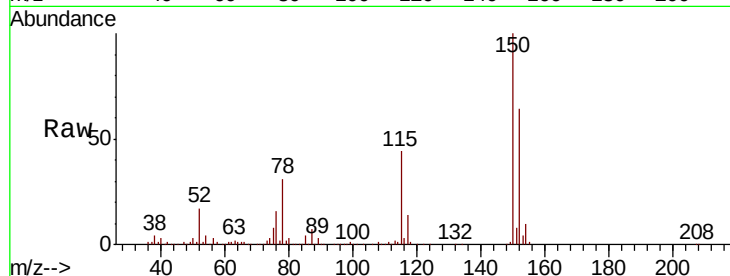
Tot Ion: 79 Resp: 20612

Ion Ratio Lower Upper

79 100

108 28.5 52.7 79.1#

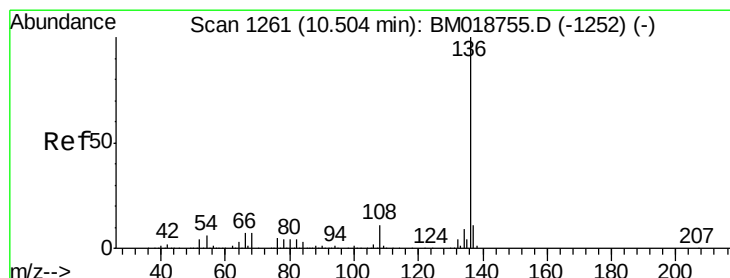
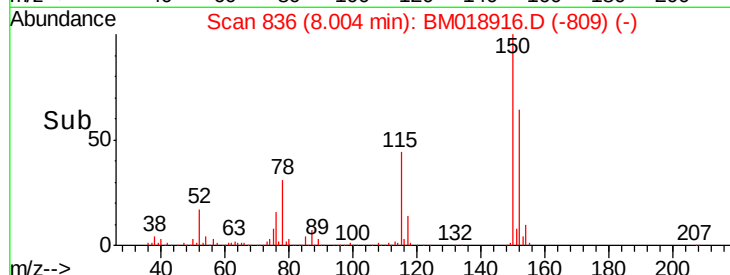
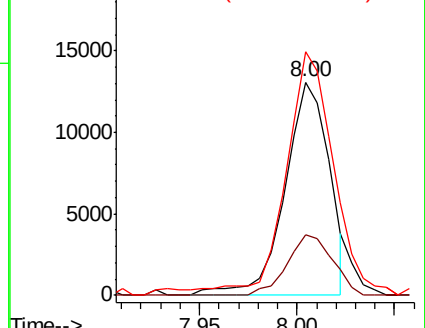
77 114.1 51.0 76.4#



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Tgt Ion: 136 Resp: 529918

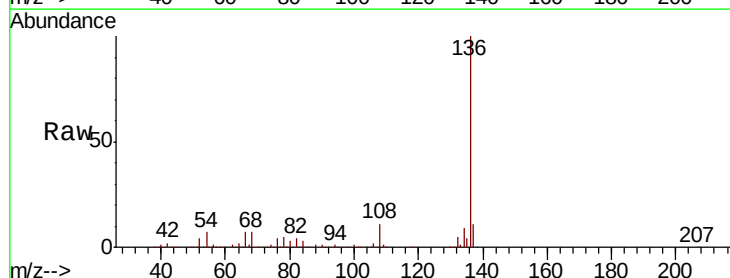
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.6 5.0 7.6

68 7.0 5.5 8.3

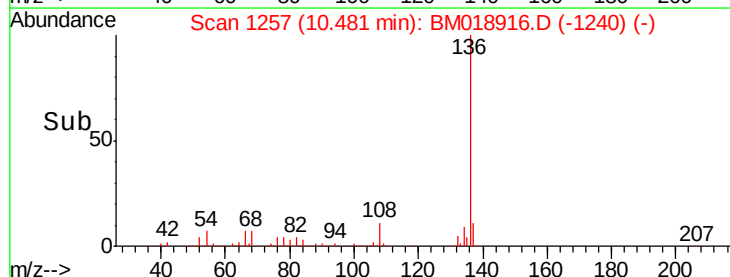
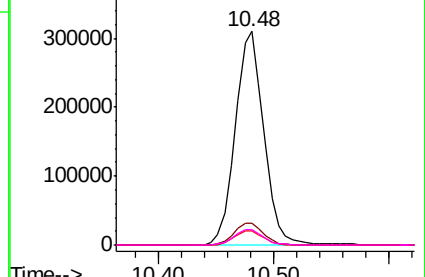


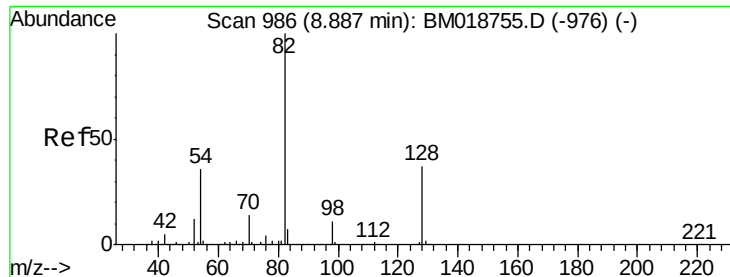
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

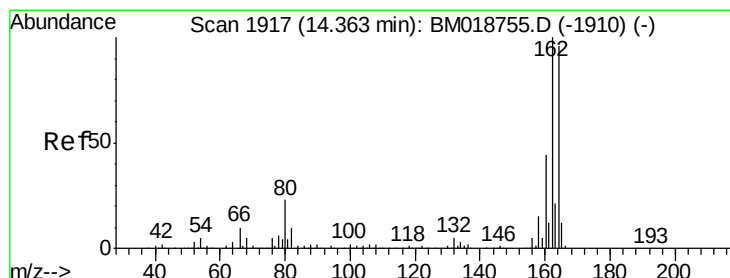
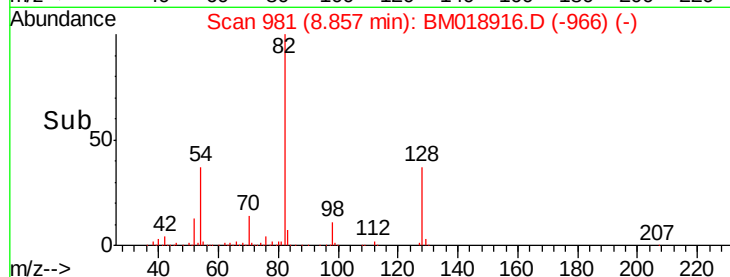
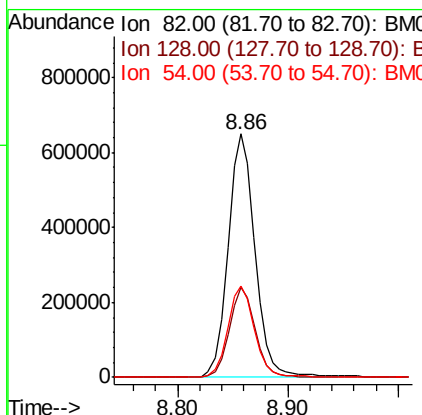
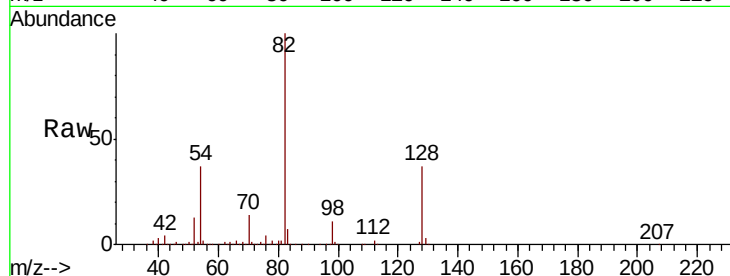




#23
 Nitrobenzene-d5
 Concen: 96.565 ng
 RT: 8.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM018916.D
 Acq: 25 Feb 2019 15:23

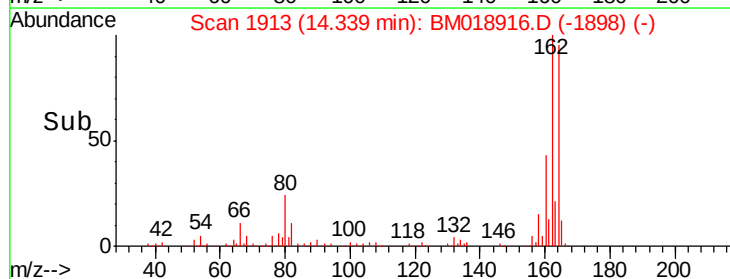
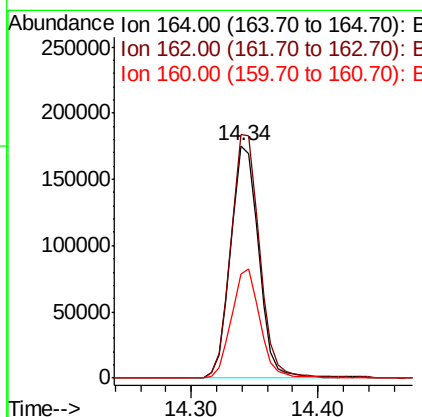
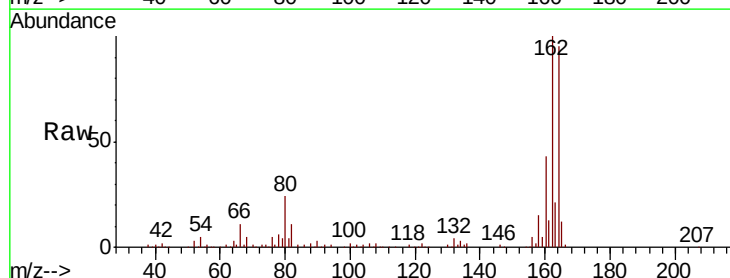
Instrument :
 BNA_M
 ClientSampleId :
 TP-MH-C02

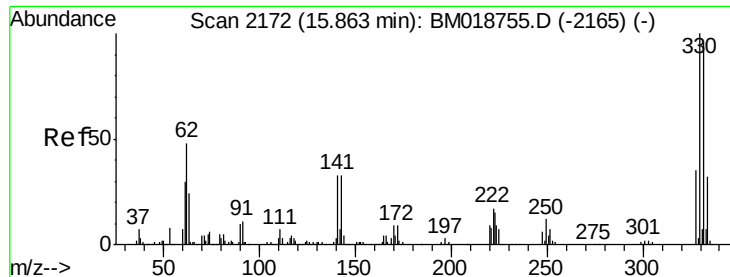
Tot Ion: 82 Resp: 1106686
 Ion Ratio Lower Upper
 82 100
 128 37.0 29.9 44.9
 54 37.4 29.1 43.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.34 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM018916.D
 Acq: 25 Feb 2019 15:23

Tgt Ion:164 Resp: 267955
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.4 125.0
 160 45.1 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 145.328 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

TP-MH-C02

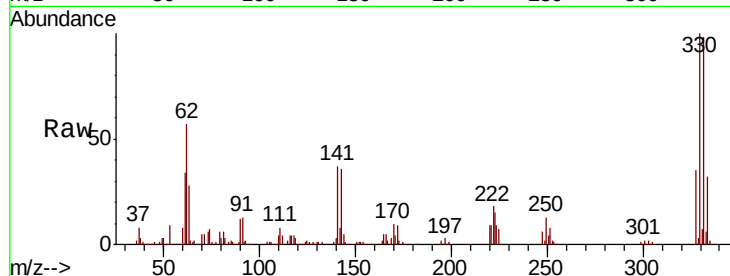
Tot Ion:330 Resp: 561328

Ion Ratio Lower Upper

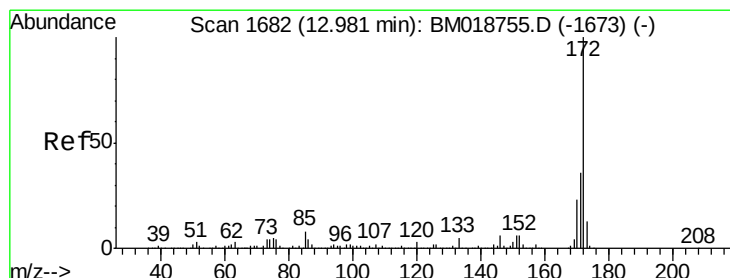
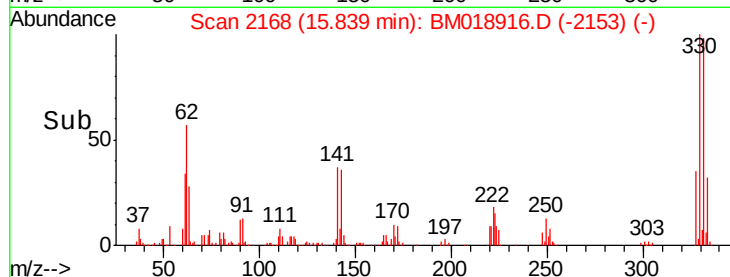
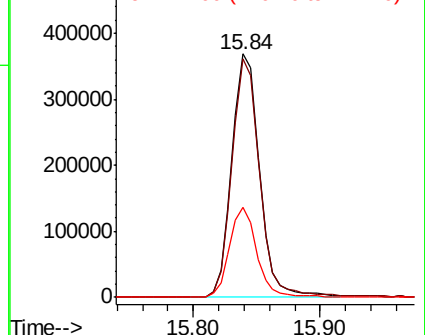
330 100

332 97.1 76.9 115.3

141 36.3 28.7 43.1



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: 96.954 ng

RT: 12.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

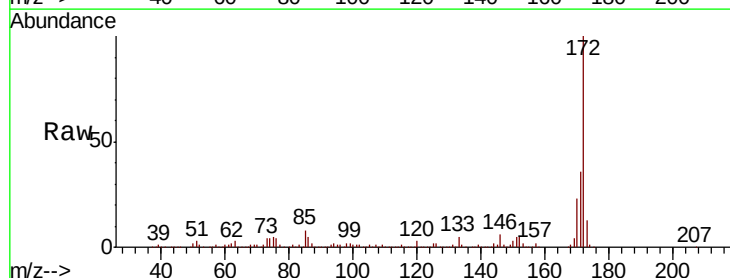
Tgt Ion:172 Resp: 1957043

Ion Ratio Lower Upper

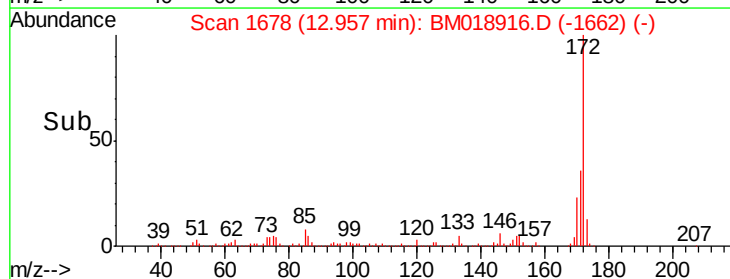
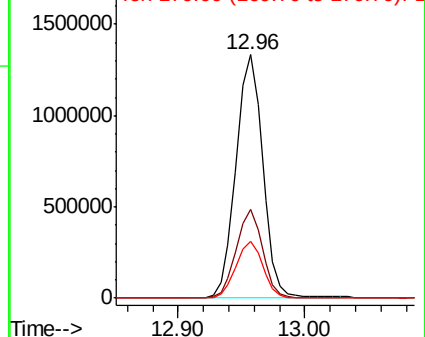
172 100

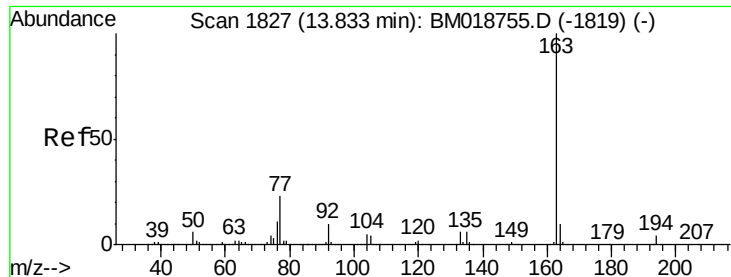
171 36.2 29.0 43.6

170 23.5 18.6 28.0



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: 5.694 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

BNA_M

ClientSampled :

TP-MH-C02

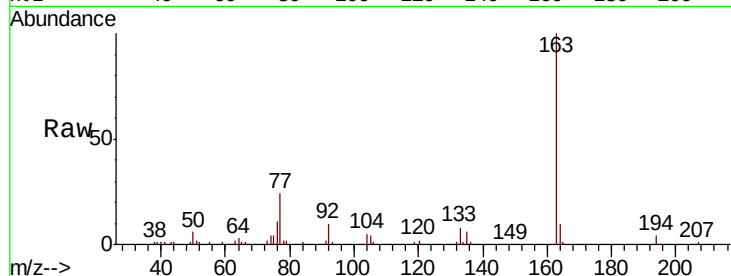
Tot Ion:163 Resp: 127156

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

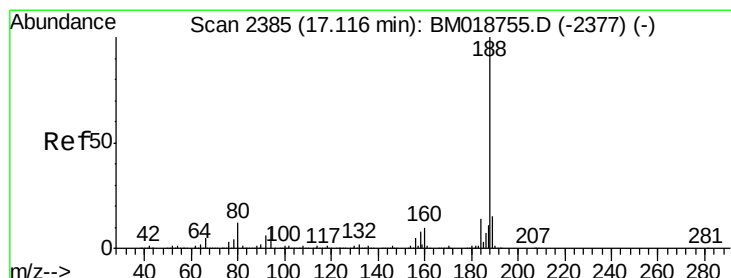
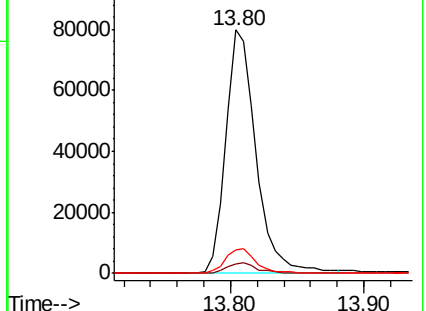
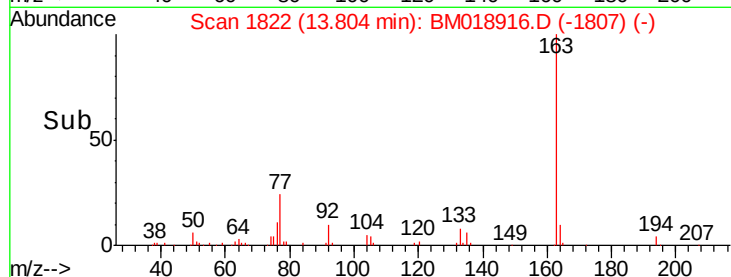
164 9.8 7.8 11.8



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: 17.10 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

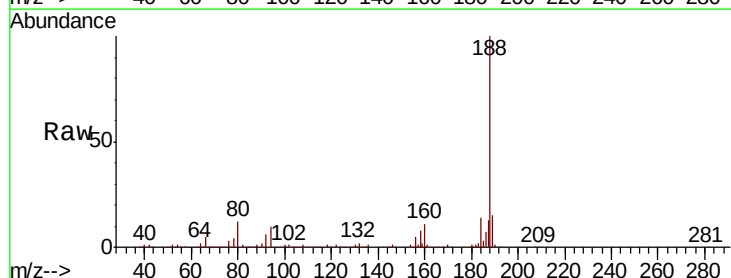
Tgt Ion:188 Resp: 580577

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

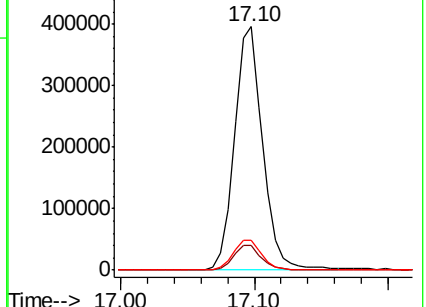
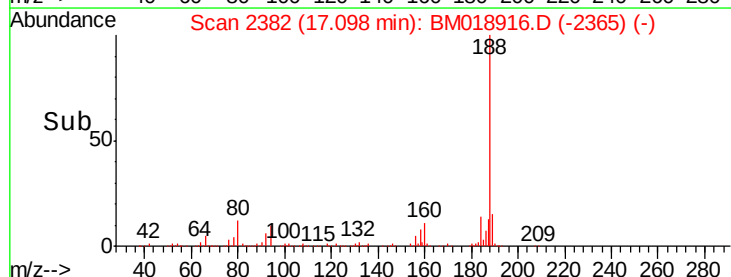
80 12.0 9.7 14.5

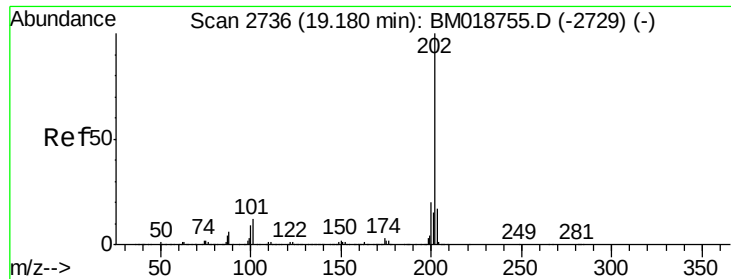


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.338 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.00 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

TP-MH-C02

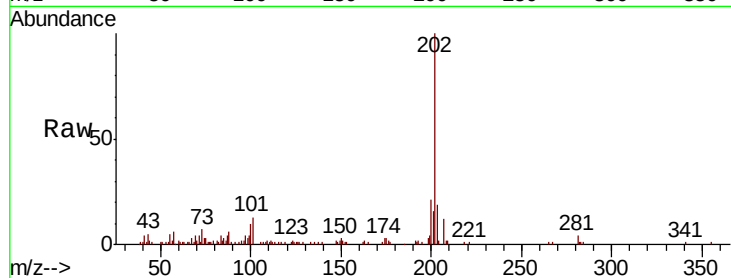
Tot Ion:202 Resp: 84270

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.5

203 18.9 0.0 37.3

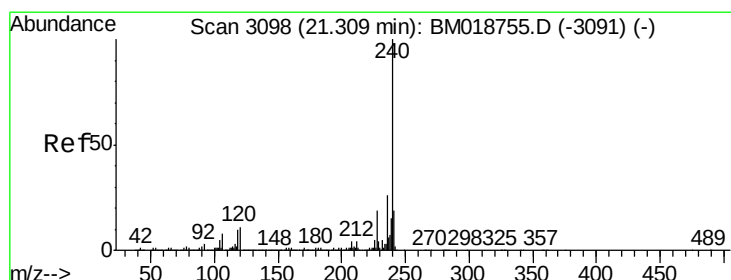
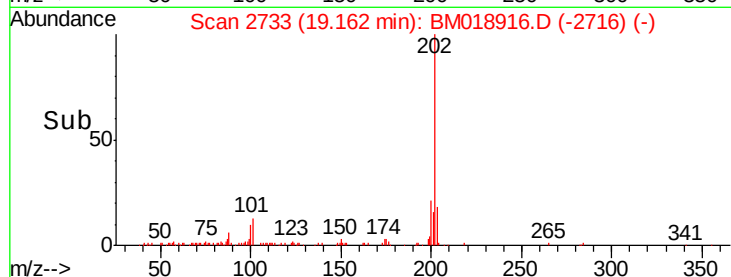
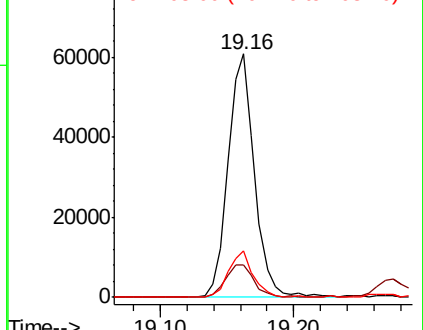


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

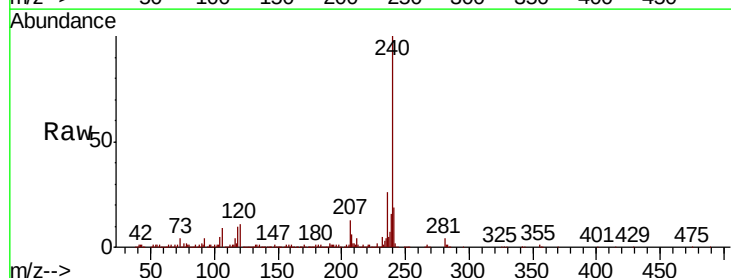
Tgt Ion:240 Resp: 652415

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.0 20.9 31.3

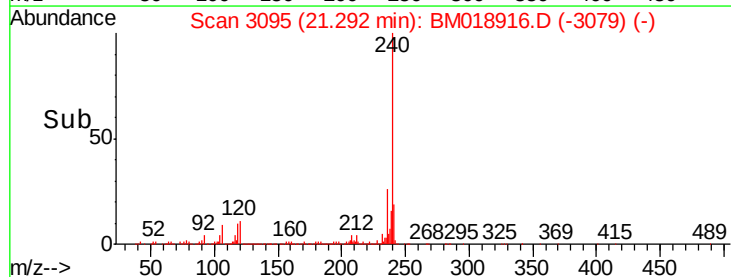
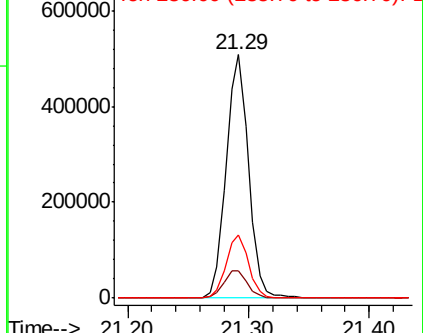


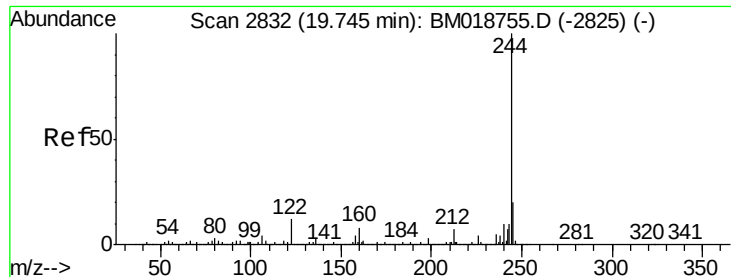
Abundance

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: 83.170 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Instrument :

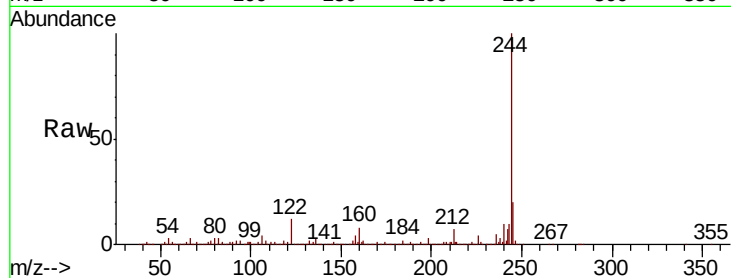
BNA_M

ClientSampled :

TP-MH-C02

Tot Ion:244 Resp: 2630357

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.6	9.3	13.9

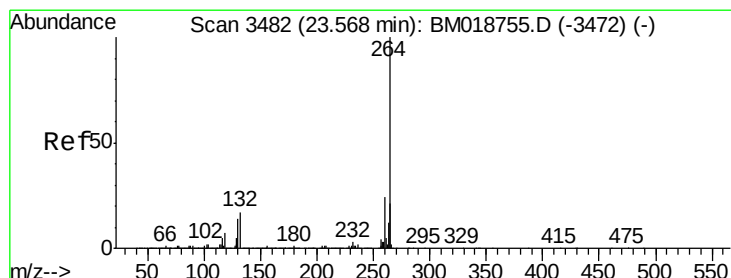
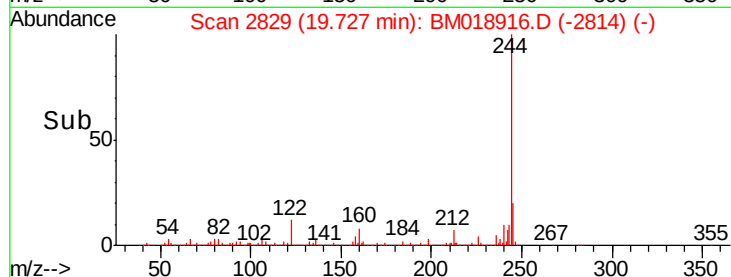
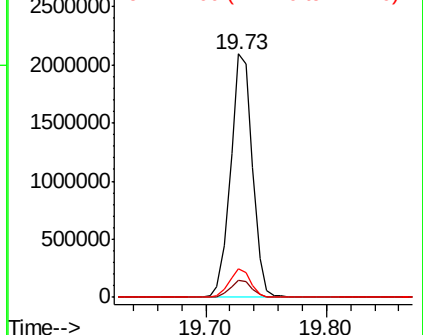


Abundance

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: 23.54 min Scan# 3477

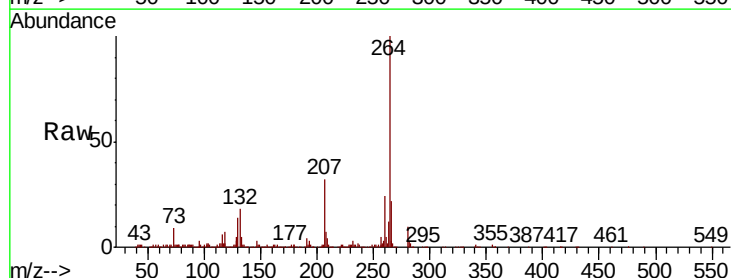
Delta R.T. -0.01 min

Lab File: BM018916.D

Acq: 25 Feb 2019 15:23

Tgt Ion:264 Resp: 731887

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.2	17.3	25.9



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

