

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
 Data File : BM018981.D
 Acq On : 28 Feb 2019 22:14
 Operator : JU/SJ
 Sample : K1643-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 INTERIOR-WALL

Quant Time: Mar 01 01:15:03 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 11 16:02:12 2019
 Response via : Initial Calibration

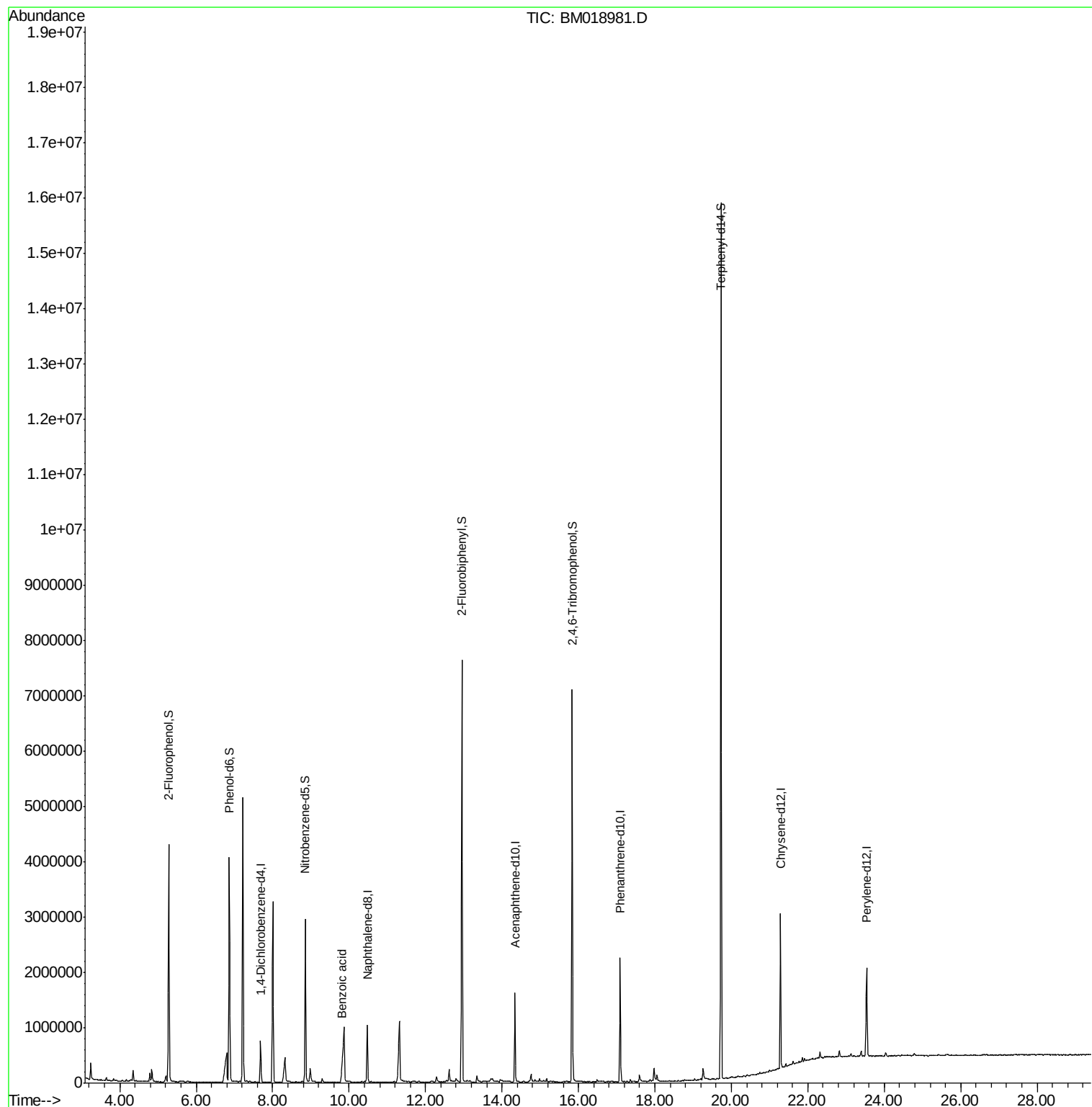
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	194326	20.00	ng	-0.03
21) Naphthalene-d8	10.47	136	839641	20.00	ng	-0.03
39) Acenaphthene-d10	14.34	164	501629	20.00	ng	-0.02
64) Phenanthrene-d10	17.09	188	1164809	20.00	ng	-0.02
76) Chrysene-d12	21.29	240	1221882	20.00	ng	-0.02
87) Perylene-d12	23.54	264	1078706	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1777069	149.83	ng	-0.02
7) Phenol-d6	6.86	99	2320489	138.88	ng	-0.02
23) Nitrobenzene-d5	8.86	82	1853703	102.08	ng	-0.03
42) 2,4,6-Tribromophenol	15.84	330	1246835	172.43	ng	-0.02
45) 2-Fluorobiphenyl	12.95	172	3660806	96.88	ng	-0.03
79) Terphenyl-d14	19.73	244	6870737	116.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.86	77	5691	Below Cal		Qvalue # 22
32) Benzoic acid	9.81	122	57689	6.032 ng		100

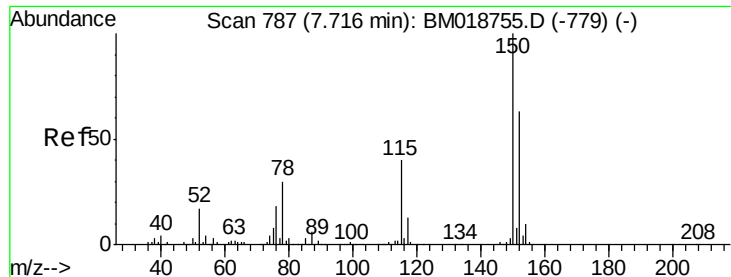
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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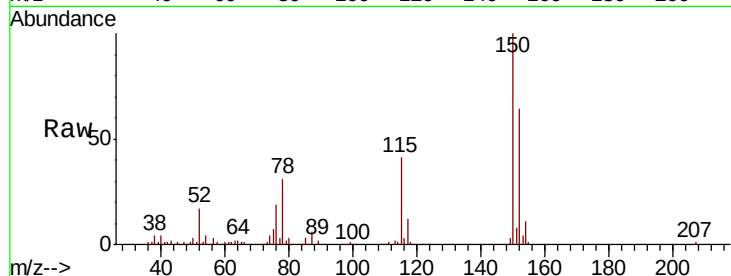


#1

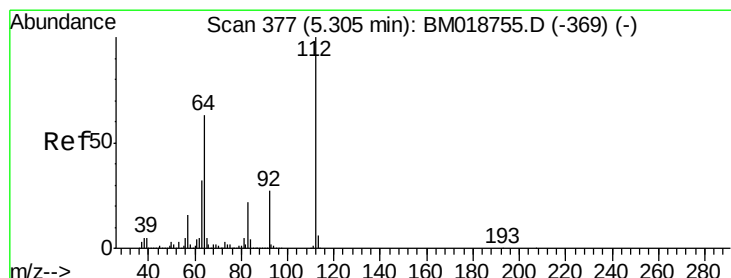
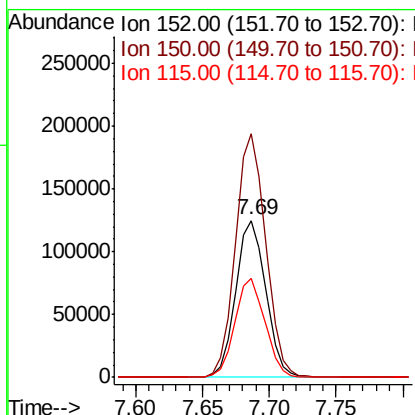
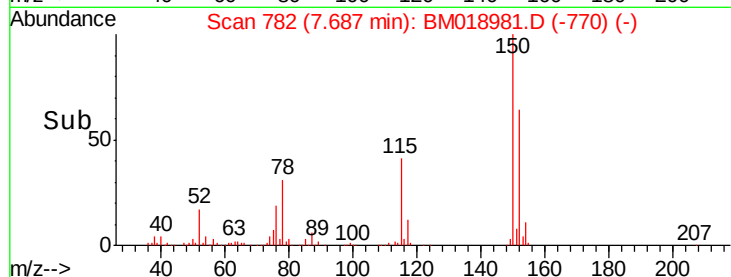
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018981.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_M
ClientSampleId :
INTERIOR-WALL

Tgt Ion:152 Resp: 194326
Ion Ratio Lower Upper
152 100
150 155.5 127.3 190.9
115 63.6 50.8 76.2



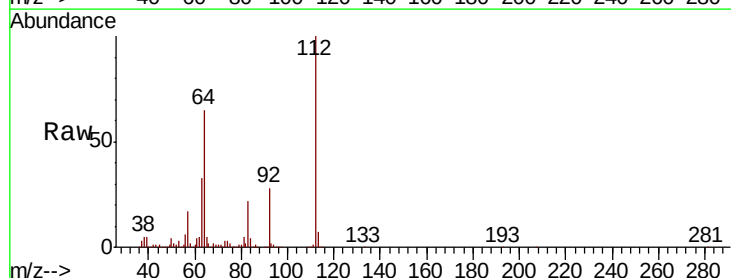
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



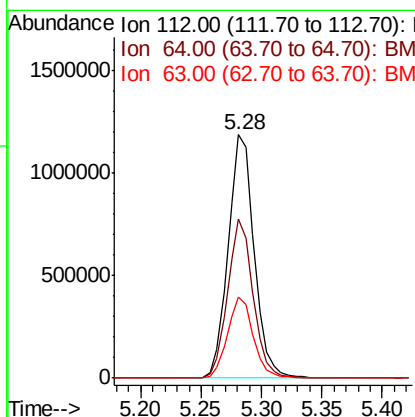
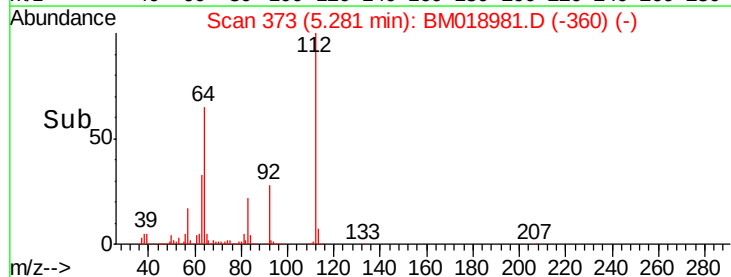
#5

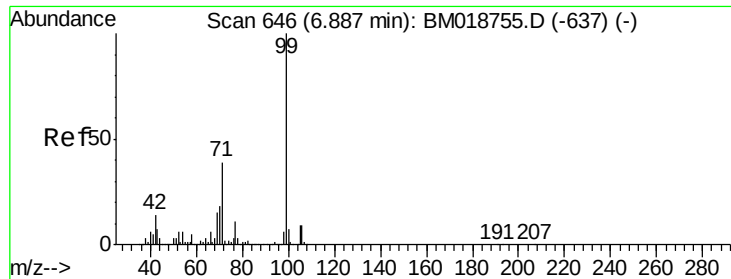
2-Fluorophenol
Concen: 149.835 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018981.D
Acq: 28 Feb 2019 22:14

Tgt Ion:112 Resp: 1777069
Ion Ratio Lower Upper
112 100
64 65.2 50.6 75.8
63 33.2 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: 138.884 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_M

ClientSampleId :

INTERIOR-WALL

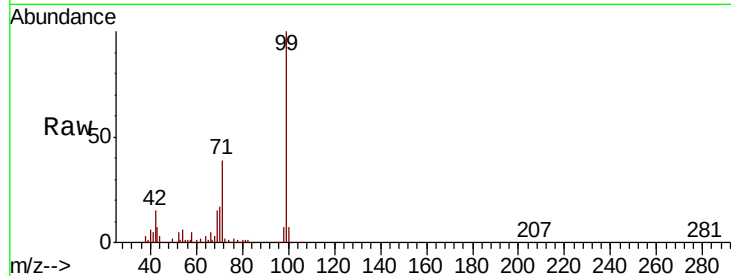
Tgt Ion: 99 Resp: 2320489

Ion Ratio Lower Upper

99 100

42 14.5 11.0 16.6

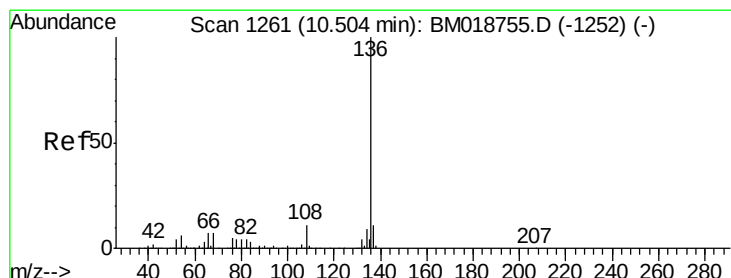
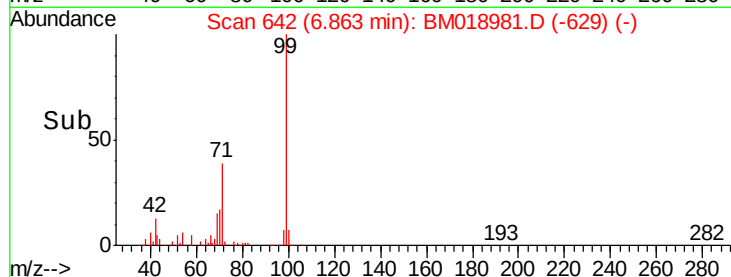
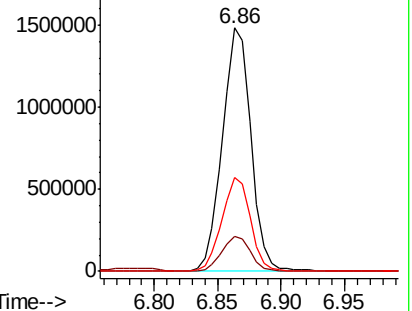
71 38.8 31.3 46.9



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

Tgt Ion: 136 Resp: 839641

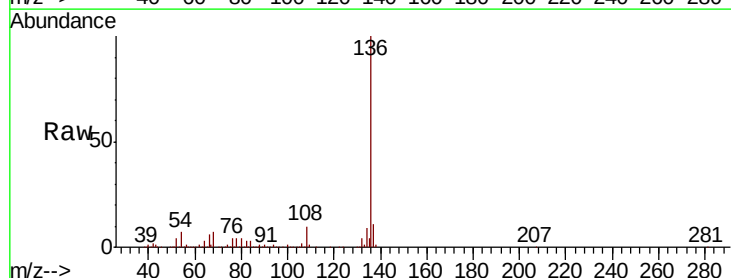
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.9 5.0 7.6

68 7.3 5.5 8.3

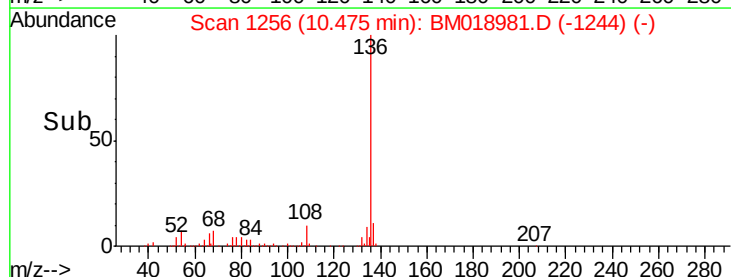
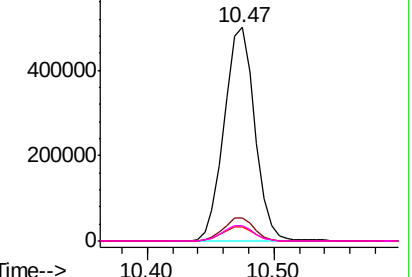


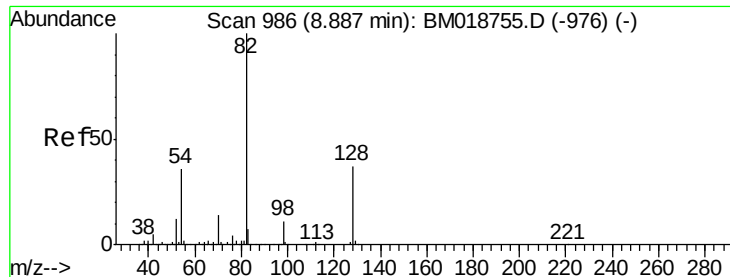
Abundance Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

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: 102.083 ng

RT: 8.86 min Scan# 981

Delta R.T. -0.03 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_M

ClientSampleId :

INTERIOR-WALL

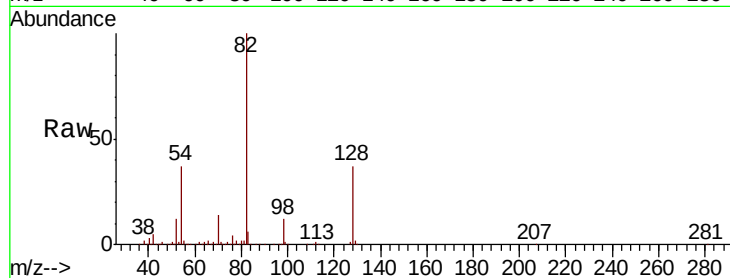
Tgt Ion: 82 Resp: 1853703

Ion Ratio Lower Upper

82 100

128 37.5 29.9 44.9

54 37.2 29.1 43.7

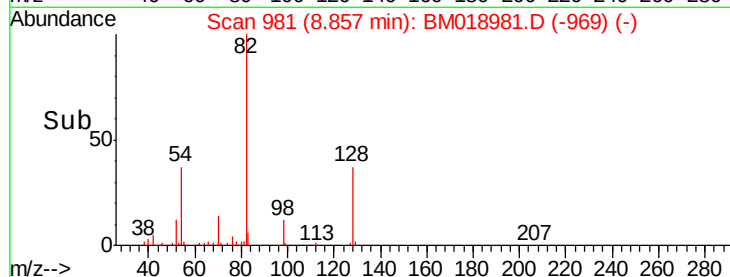


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

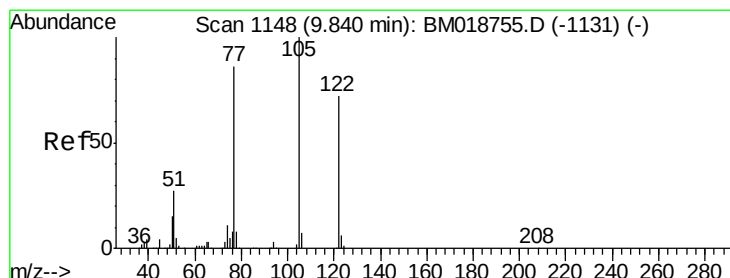
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

Time-->



Time-->



#32

Benzoic acid

Concen: 6.032 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

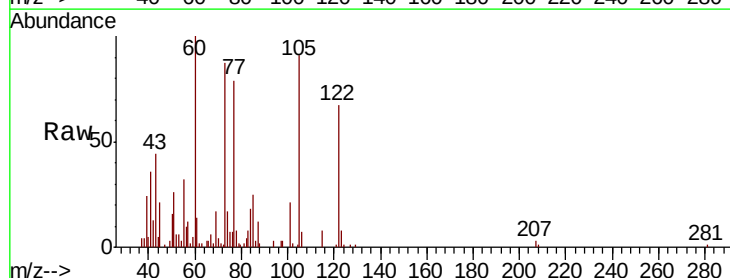
Tgt Ion: 122 Resp: 57689

Ion Ratio Lower Upper

122 100

105 136.7 117.5 157.5

77 118.7 98.5 138.5

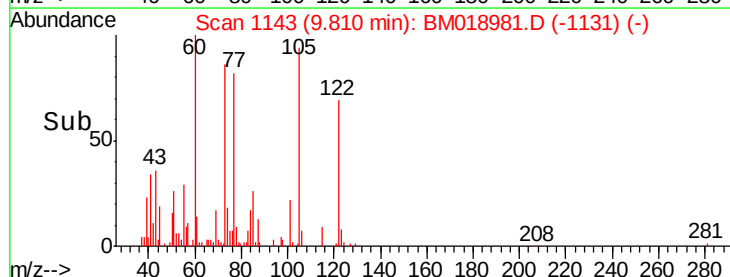


Abundance Ion 122.00 (121.70 to 122.70): BM018755.D (-1131) (-)

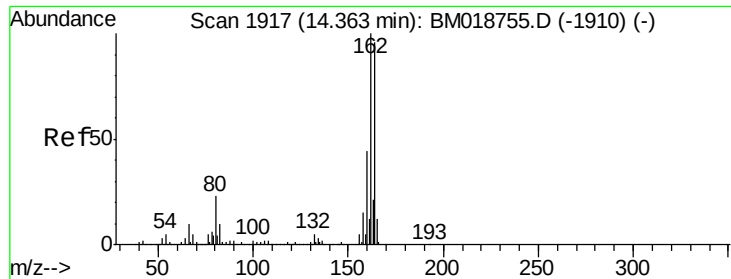
Ion 105.00 (104.70 to 105.70): BM018755.D (-1131) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-1131) (-)

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

Instrument :

BNA_M

ClientSampleId :

INTERIOR-WALL

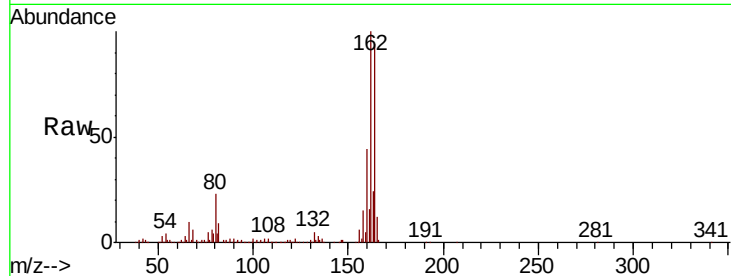
Tgt Ion:164 Resp: 501629

Ion Ratio Lower Upper

164 100

162 106.8 83.4 125.0

160 46.5 36.6 55.0

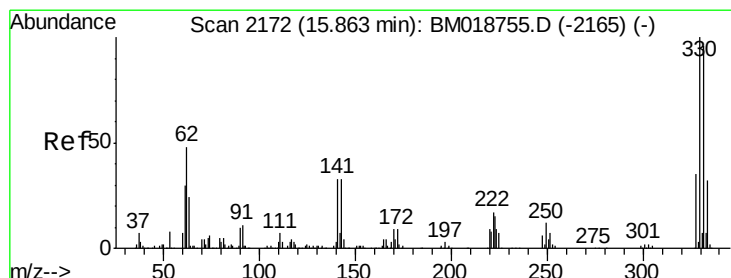
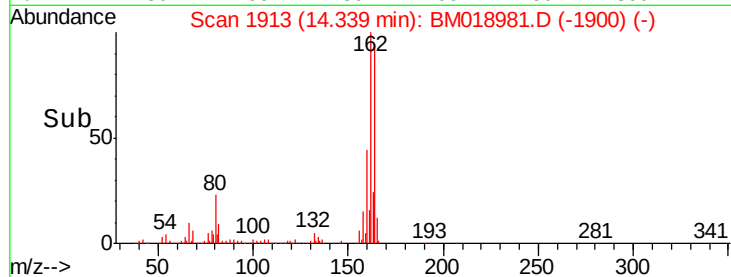
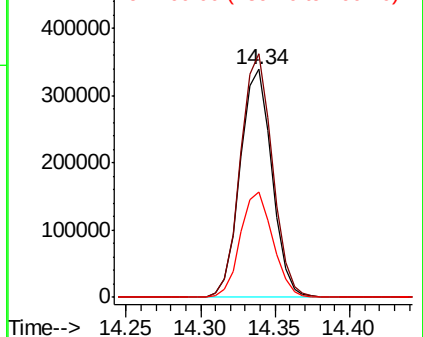


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 172.433 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BM018981.D

Acq: 28 Feb 2019 22:14

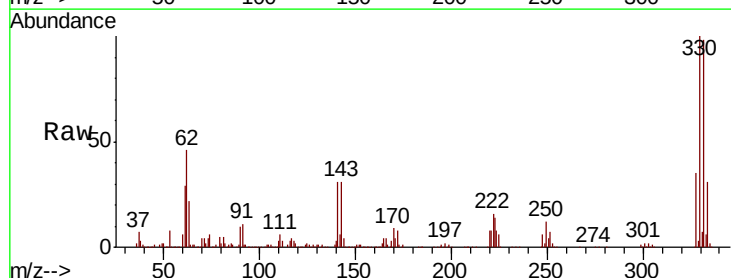
Tgt Ion:330 Resp: 1246835

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 34.0 28.7 43.1

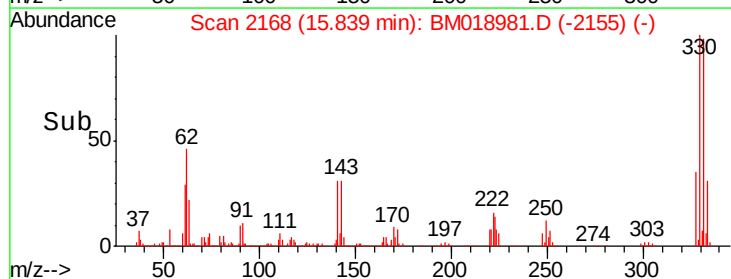
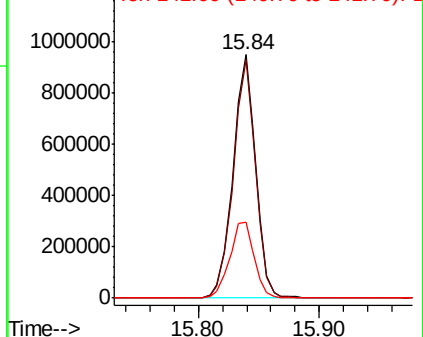


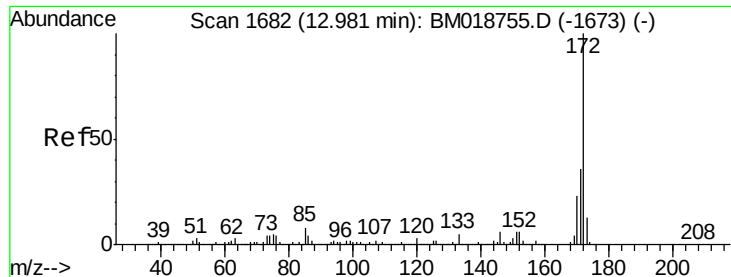
Abundance

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

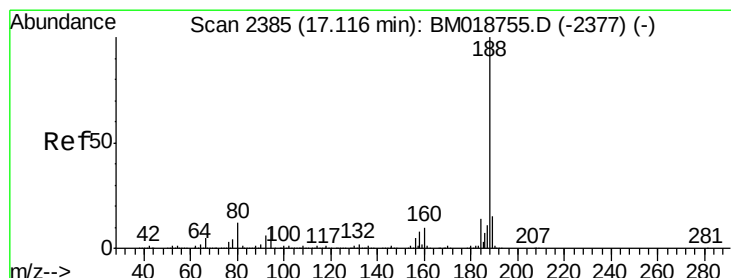
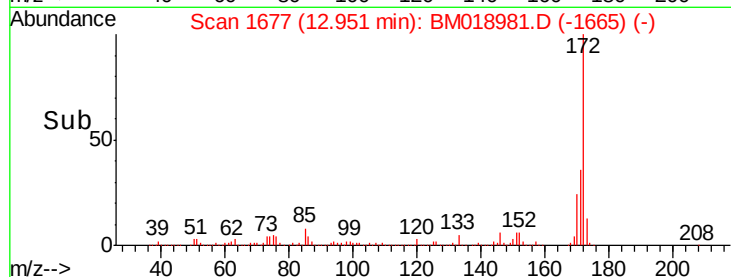
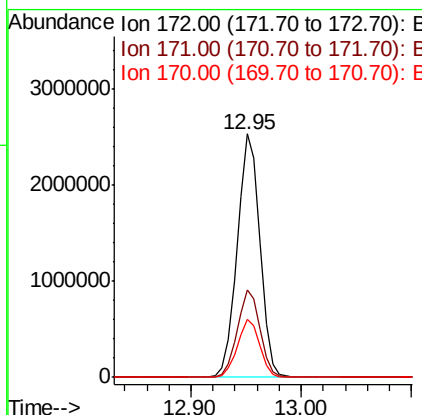
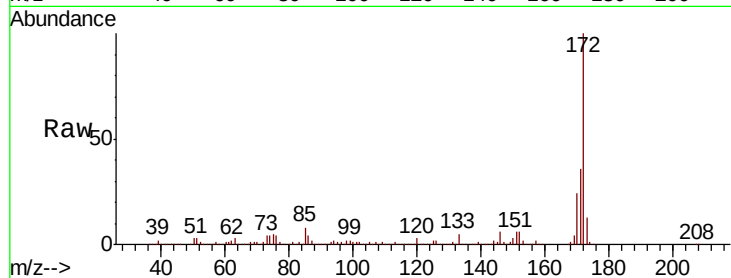




#45
 2-Fluorobiphenyl
 Concen: 96.877 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.03 min
 Lab File: BM018981.D
 Acq: 28 Feb 2019 22:14

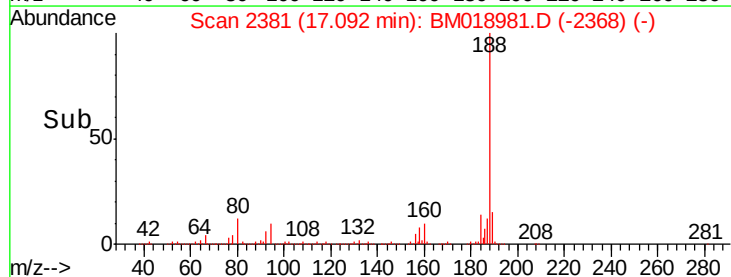
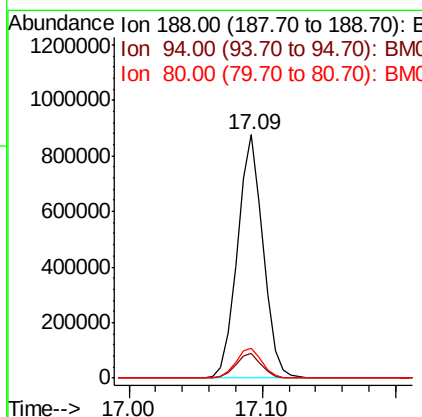
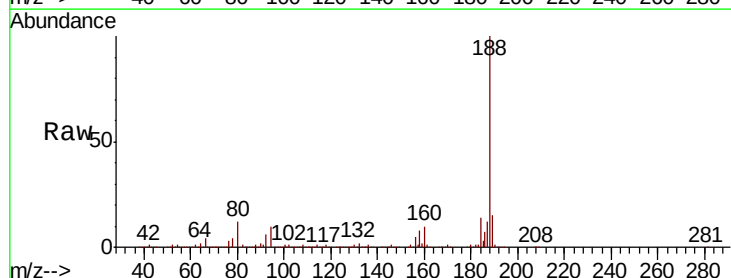
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 BNA_M
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 INTERIOR-WALL

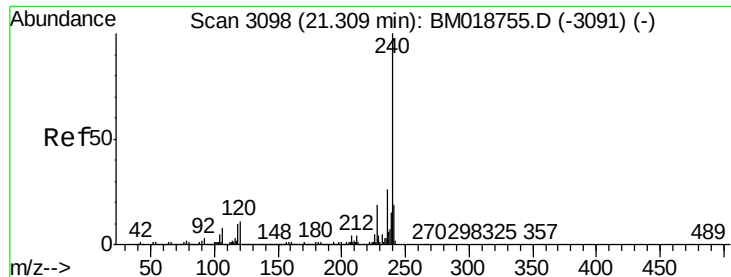
Tgt Ion:172 Resp: 3660806
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 23.7 18.6 28.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.09 min Scan# 2381
 Delta R.T. -0.02 min
 Lab File: BM018981.D
 Acq: 28 Feb 2019 22:14

Tgt Ion:188 Resp: 1164809
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.2
 80 12.4 9.7 14.5

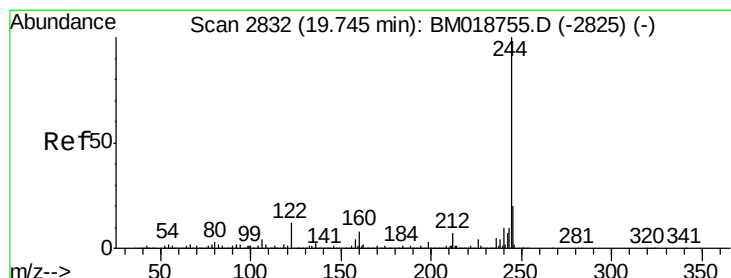
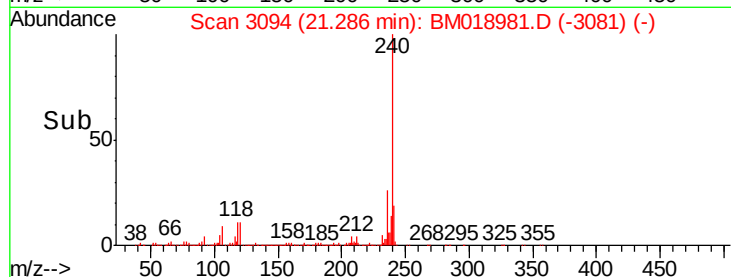
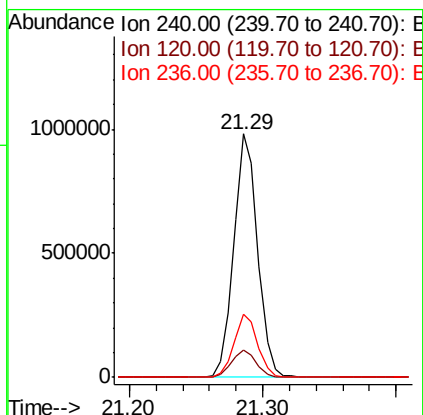
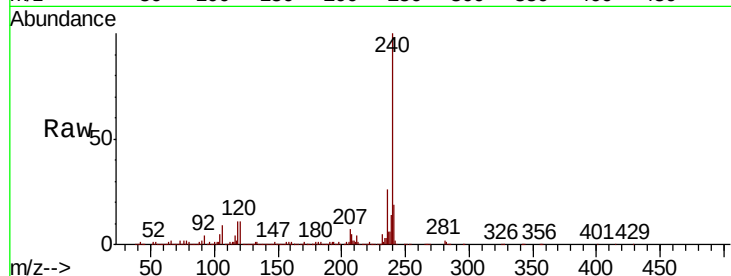




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.29 min Scan# 3094
 Delta R.T. -0.02 min
 Lab File: BM018981.D
 Acq: 28 Feb 2019 22:14

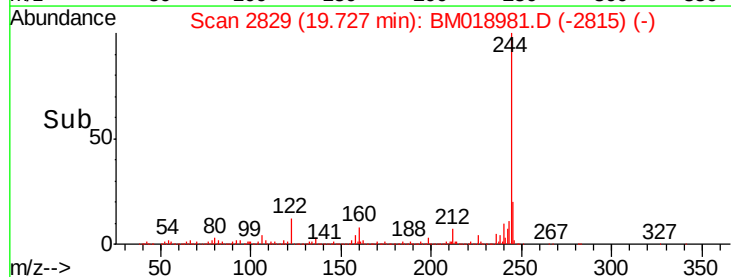
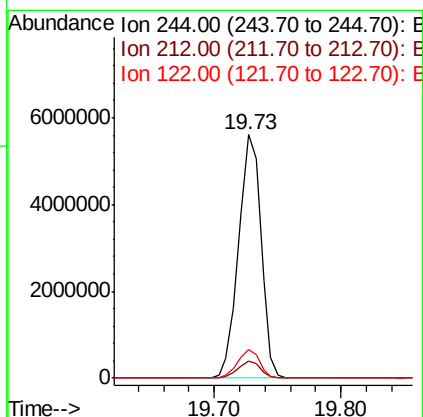
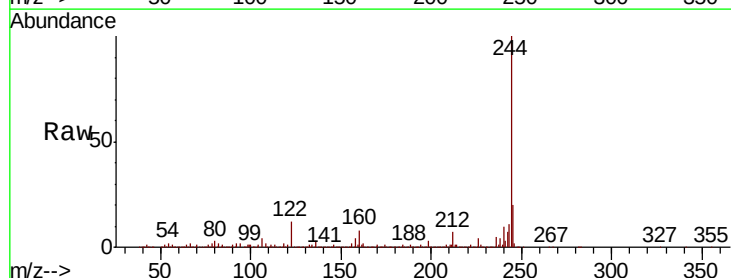
Instrument :
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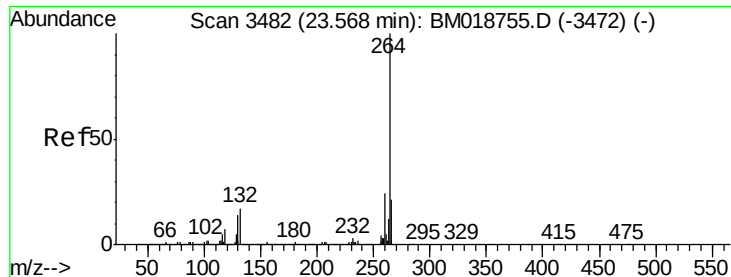
Tgt Ion:240 Resp: 1221882
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.9 13.3
 236 25.7 20.9 31.3



#79
 Terphenyl-d14
 Concen: 115.998 ng
 RT: 19.73 min Scan# 2829
 Delta R.T. -0.02 min
 Lab File: BM018981.D
 Acq: 28 Feb 2019 22:14

Tgt Ion:244 Resp: 6870737
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.9 9.3 13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018981.D
Acq: 28 Feb 2019 22:14

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 1078706

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.7	17.3	25.9

