

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017263.D
 Acq On : 20 Oct 2018 13:50
 Operator : MJ/SJ
 Sample : J5538-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NL-7

Quant Time: Oct 22 04:28:58 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

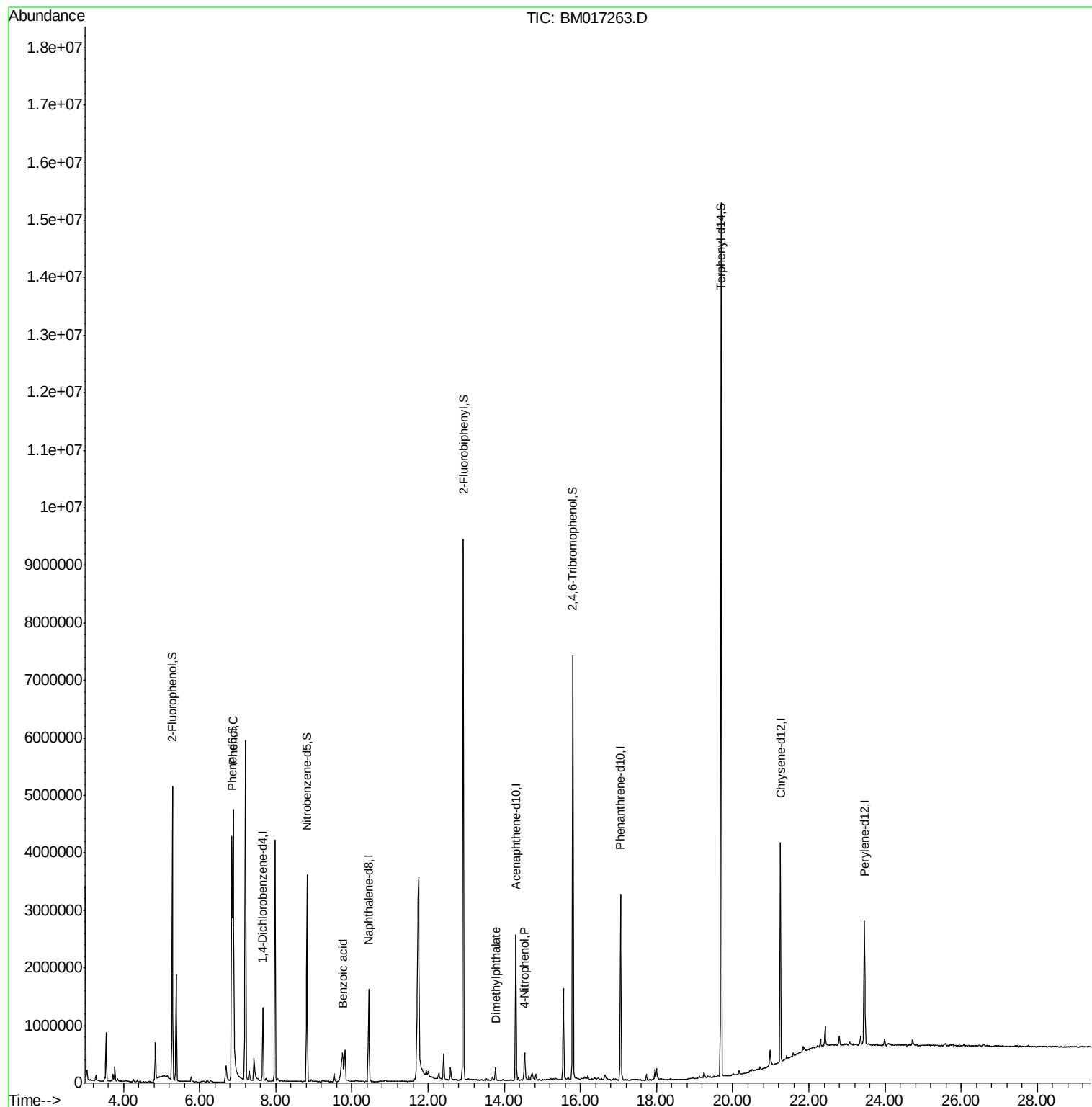
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	322182	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1362530	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	824457	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1857725	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1822994	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1605067	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2087561	109.59	ng	0.00
7) Phenol-d6	6.85	99	2509168	96.72	ng	-0.01
23) Nitrobenzene-d5	8.82	82	2028061	87.05	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1413720	126.80	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4823020	77.84	ng	-0.01
79) Terphenyl-d14	19.70	244	7262912	89.80	ng	0.00
Target Compounds						
10) Phenol	6.88	94	3298086	118.119	ng	99
32) Benzoic acid	9.76	122	293983	23.162	ng	95
50) Dimethylphthalate	13.77	163	134774	2.119	ng	99
56) 4-Nitrophenol	14.54	139	116812	12.672	ng	93

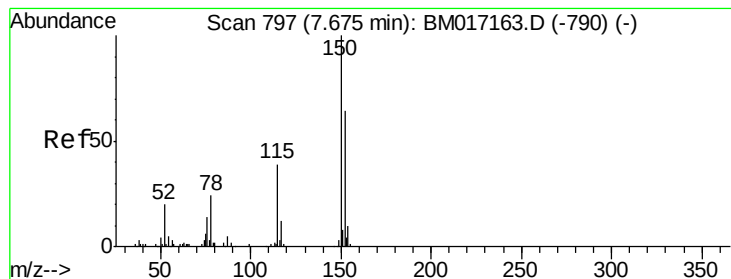
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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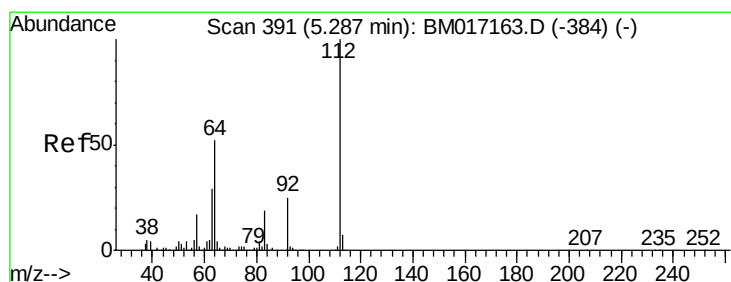
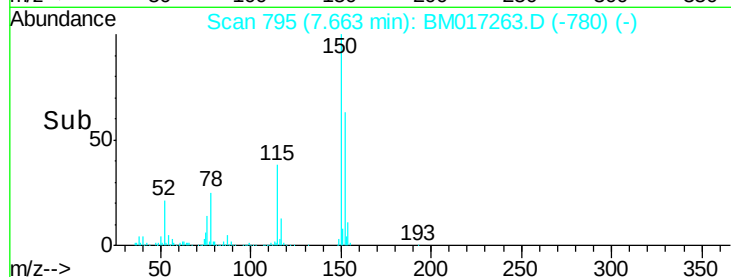
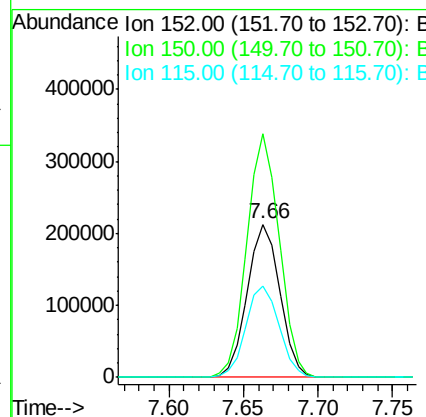
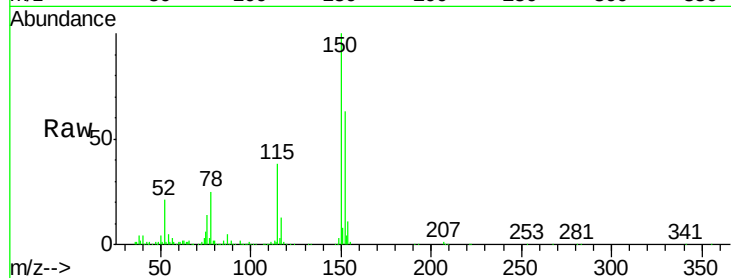


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Instrument :
BNA_M
ClientSampled :
NL-7

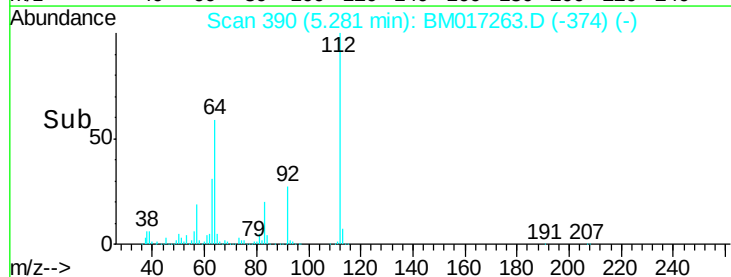
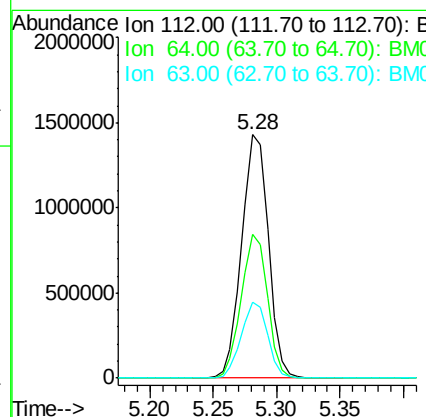
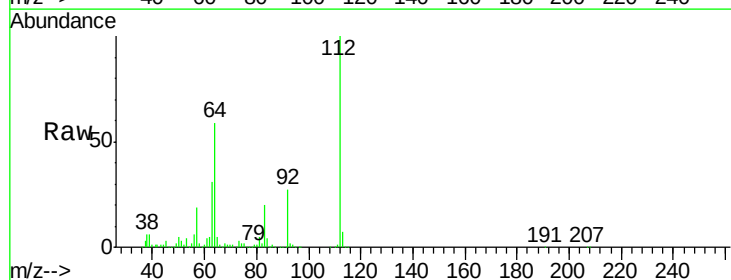
Tgt Ion:152 Resp: 322182
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 59.9 48.1 72.1

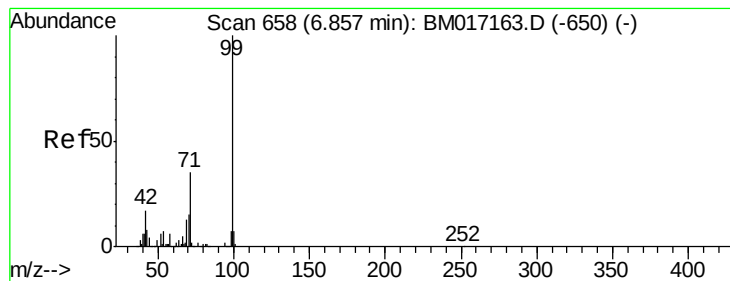


#5

2-Fluorophenol
Concen: 109.589 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion:112 Resp: 2087561
Ion Ratio Lower Upper
112 100
64 59.2 41.7 62.5
63 31.2 23.0 34.4





#7

Phenol-d6

Concen: 96.716 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

NL-7

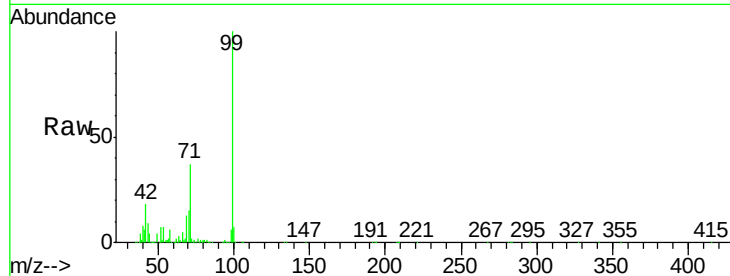
Tgt Ion: 99 Resp: 2509168

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

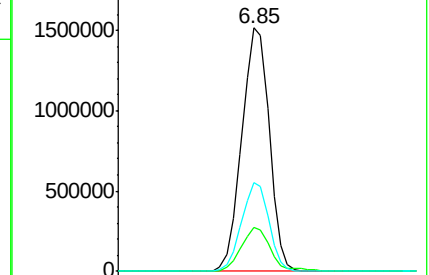
71 36.6 28.0 42.0



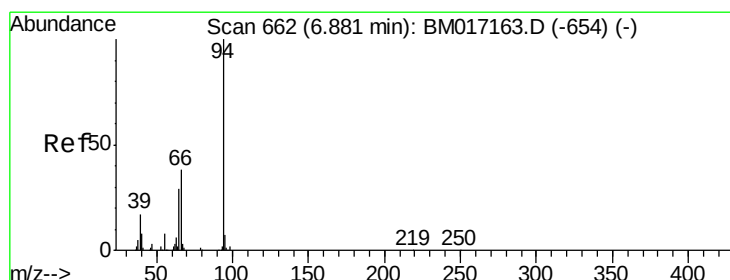
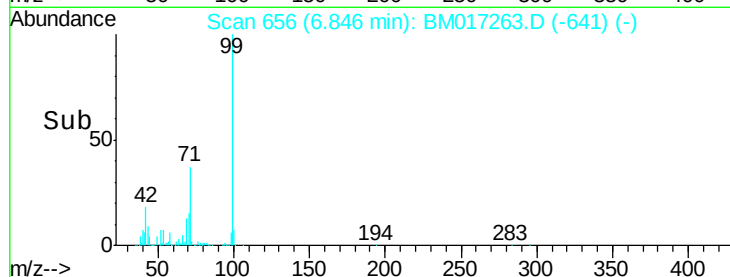
Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



Time-->



#10

Phenol

Concen: 118.119 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

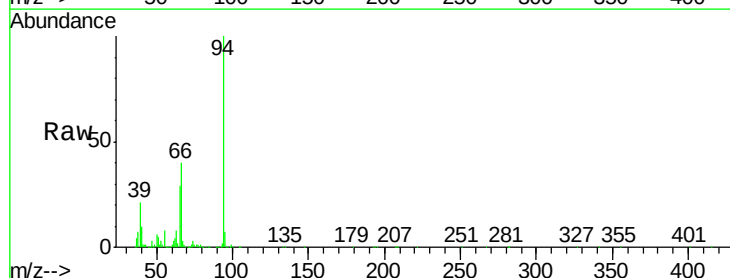
Tgt Ion: 94 Resp: 3298086

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

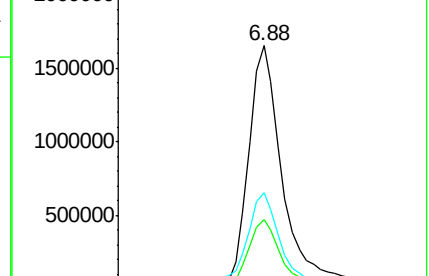
66 39.6 19.0 59.0



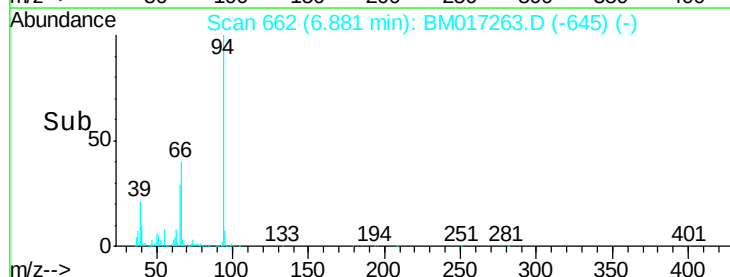
Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

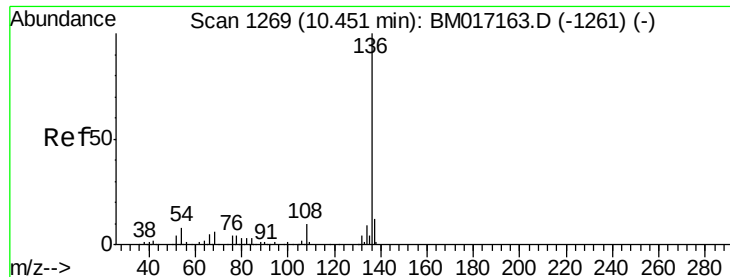
Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)



Time-->



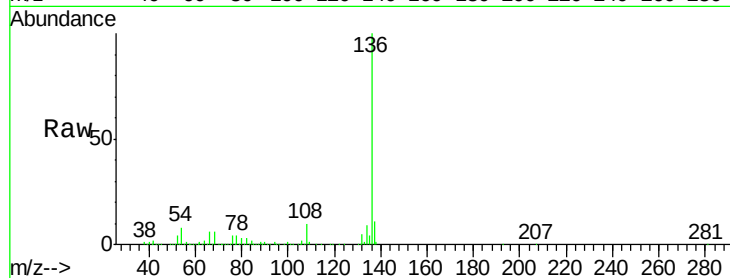


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

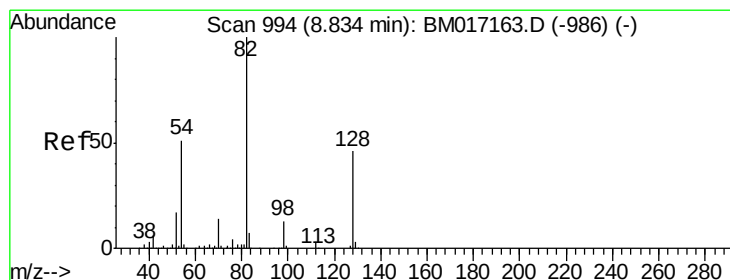
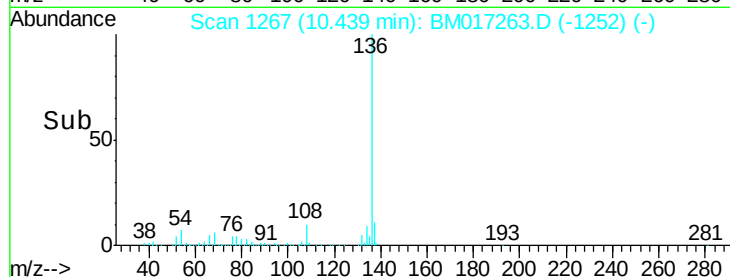
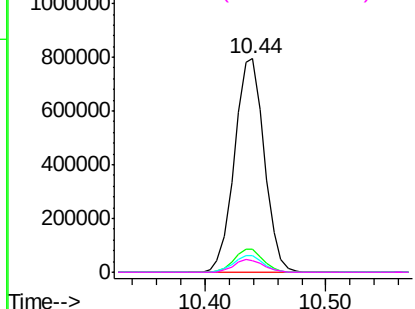
Instrument :
BNA_M
ClientSampleId :
NL-7

Tgt Ion:136 Resp: 1362530

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.5	6.7	10.1
68	5.5	4.7	7.1



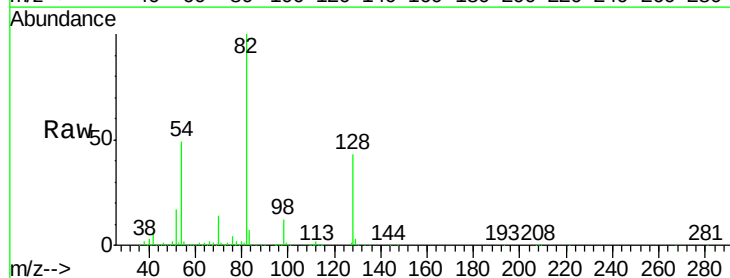
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM



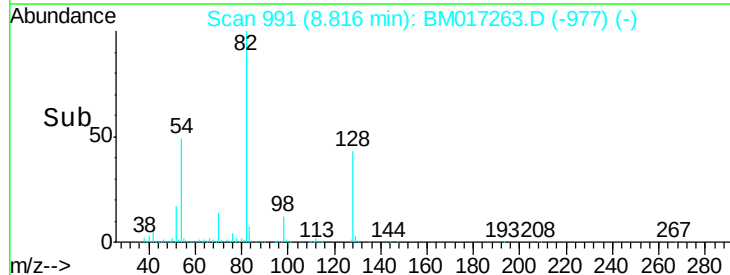
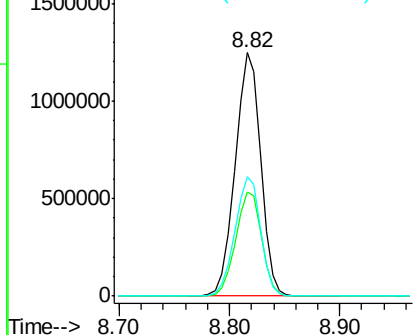
#23
Nitrobenzene-d5
Concen: 87.053 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

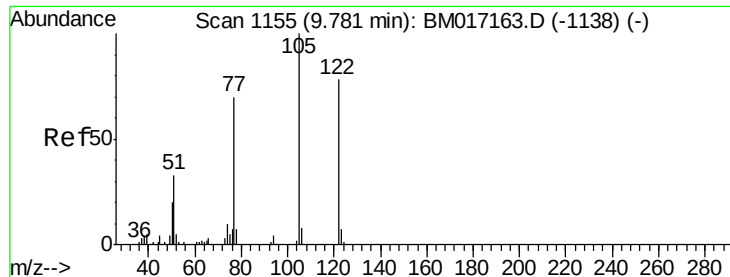
Tgt Ion: 82 Resp: 2028061

Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.6
54	48.9	40.7	61.1



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

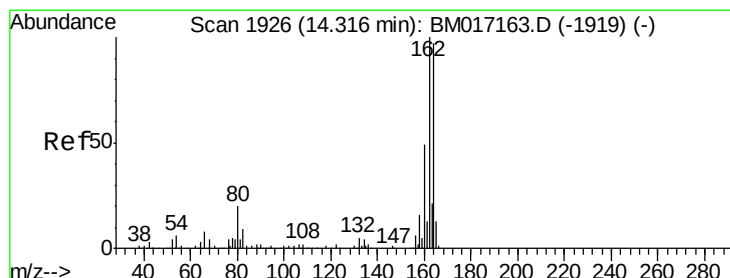
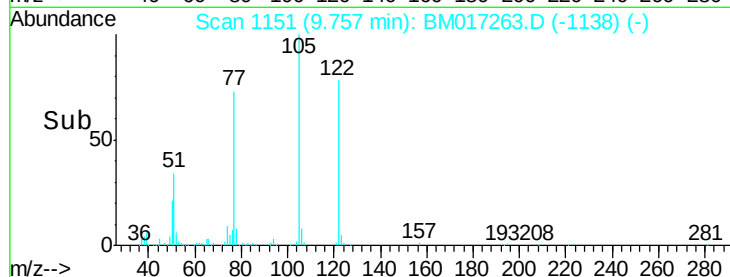
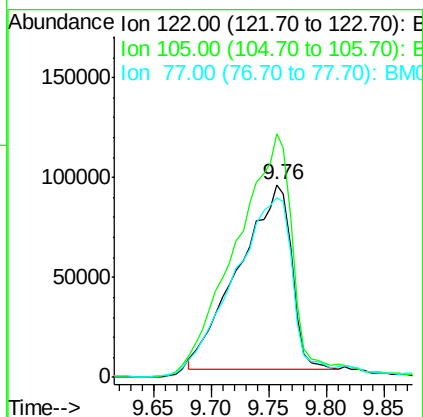
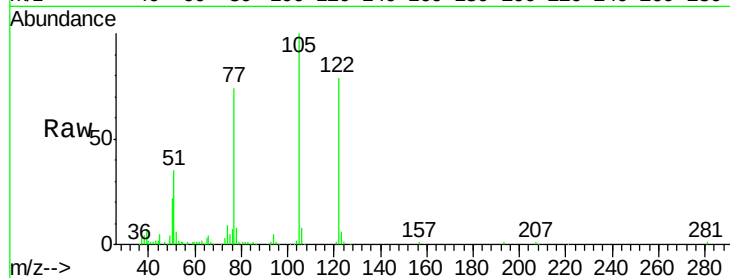




#32
Benzoic acid
Concen: 23.162 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

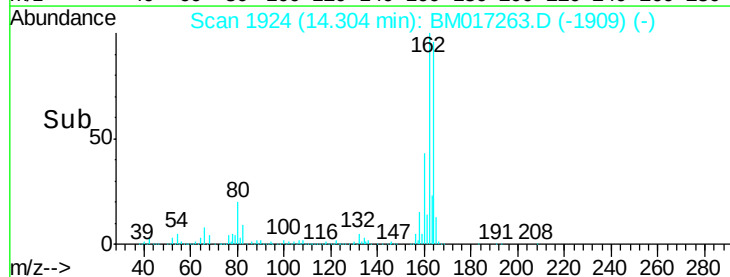
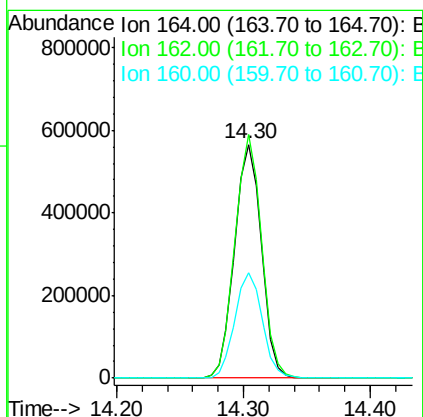
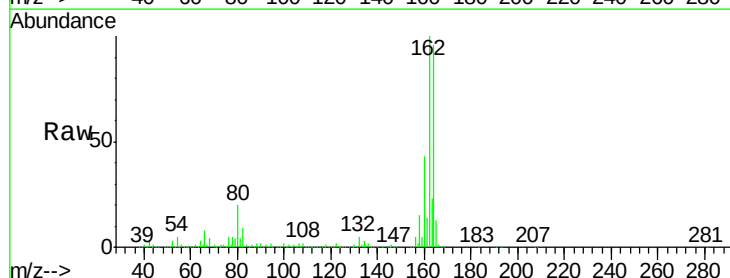
Instrument :
BNA_M
ClientSampleId :
NL-7

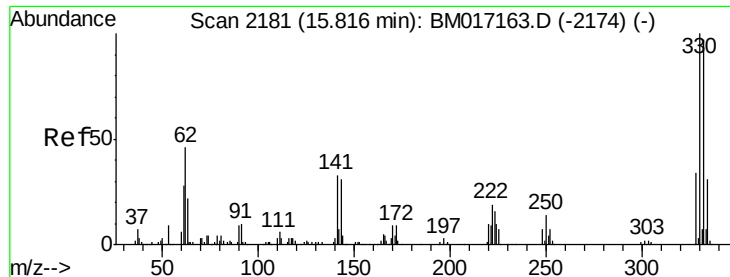
Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	102.0	142.0
77	93.4	67.7	107.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017263.D
Acq: 20 Oct 2018 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.1	123.1
160	45.0	40.2	60.2

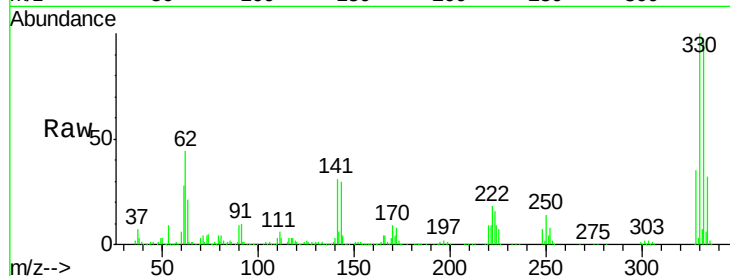




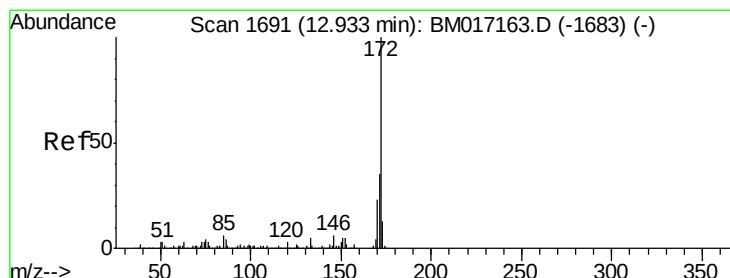
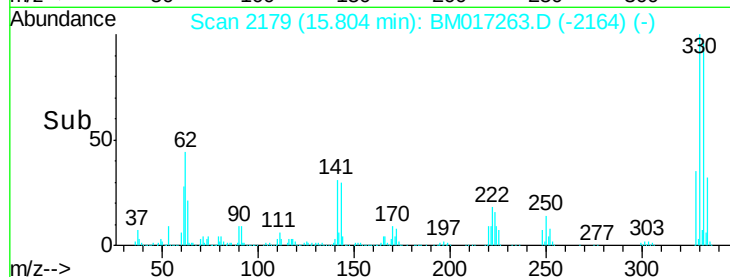
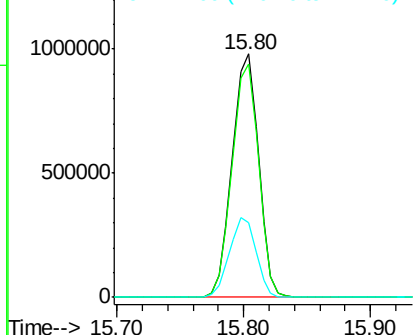
#42
 2,4,6-Tribromophenol
 Concen: 126.796 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Instrument :
 BNA_M
 ClientSampleId :
 NL-7

Tgt Ion:330 Resp: 1413720
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 33.2 27.4 41.0

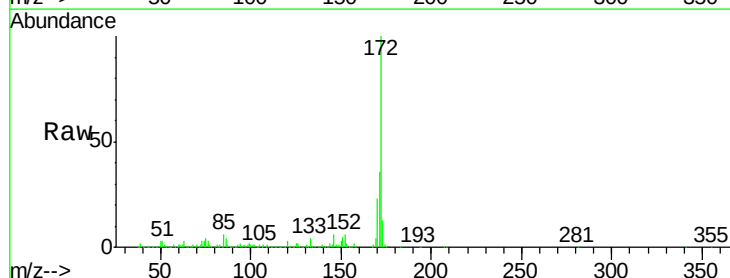


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

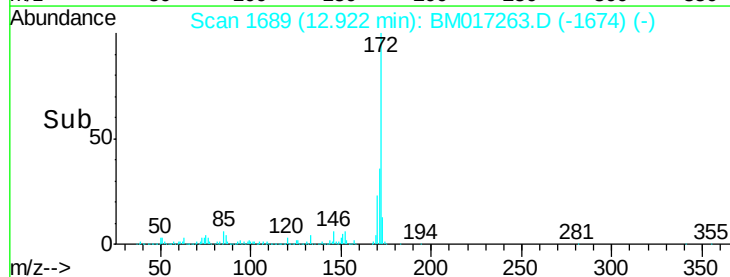
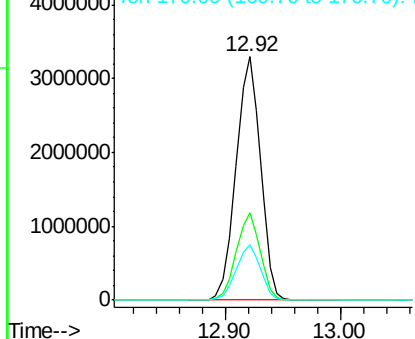


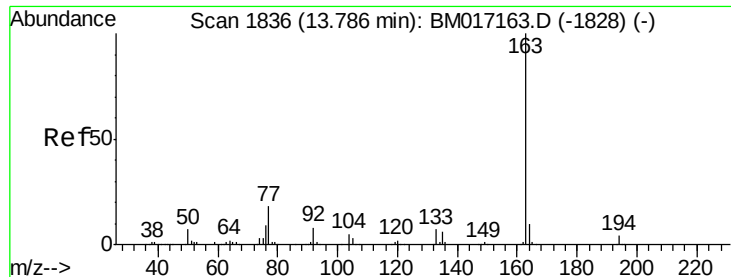
#45
 2-Fluorobiphenyl
 Concen: 77.836 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017263.D
 Acq: 20 Oct 2018 13:50

Tgt Ion:172 Resp: 4823020
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.3 42.5
 170 22.9 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





#50

Dimethylphthalate

Concen: 2.119 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

NL-7

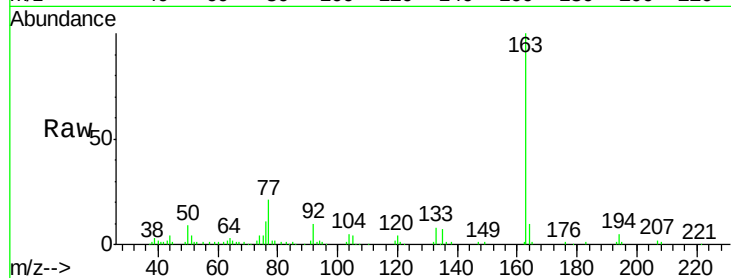
Tgt Ion:163 Resp: 134774

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

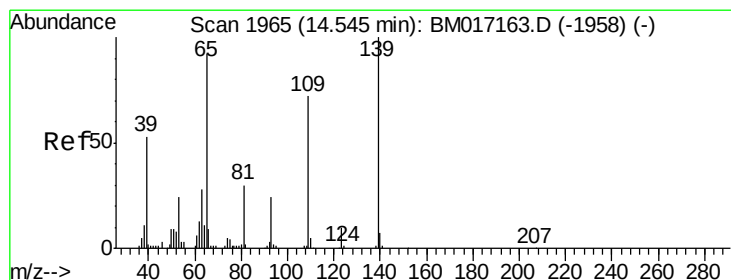
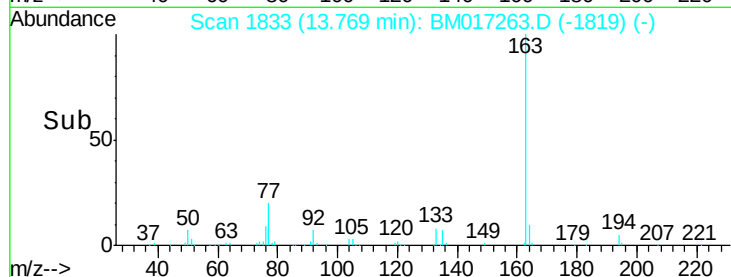
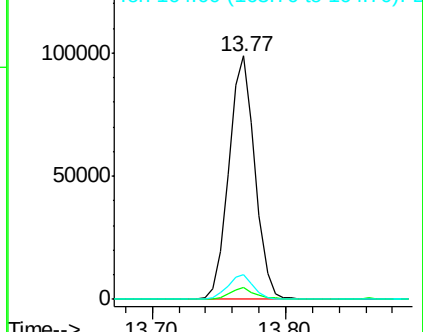
164 10.1 7.8 11.8



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



#56

4-Nitrophenol

Concen: 12.672 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

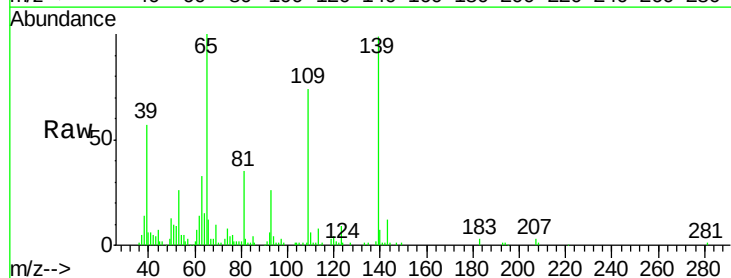
Tgt Ion:139 Resp: 116812

Ion Ratio Lower Upper

139 100

109 75.3 51.8 91.8

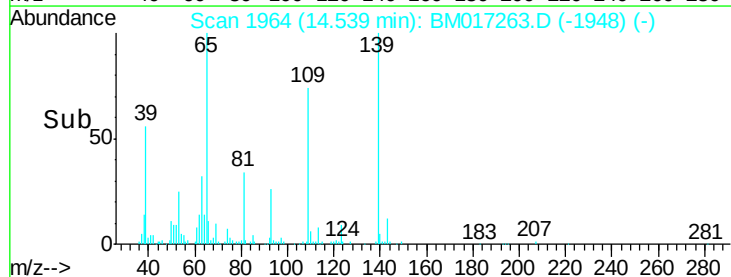
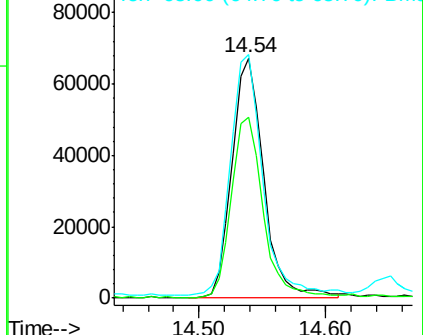
65 101.3 72.1 112.1

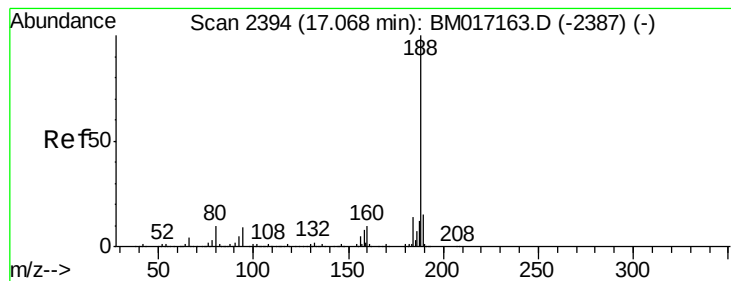


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

NL-7

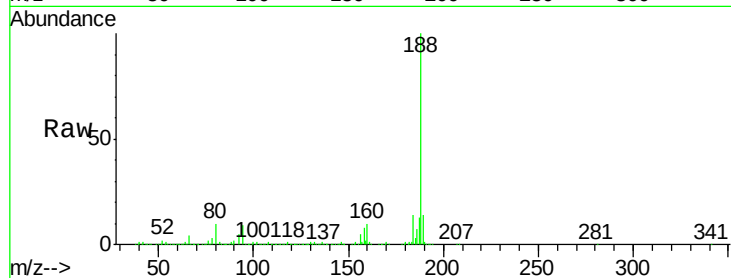
Tgt Ion:188 Resp: 1857725

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

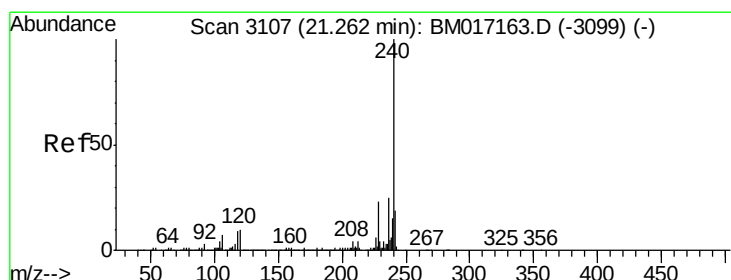
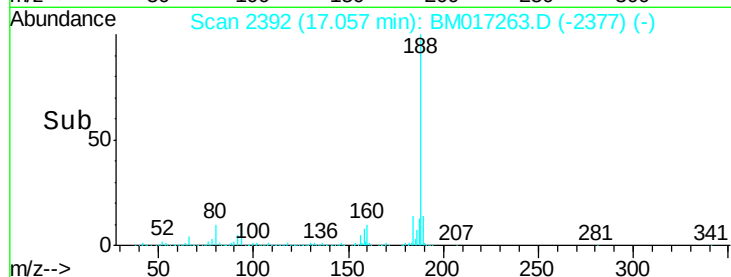
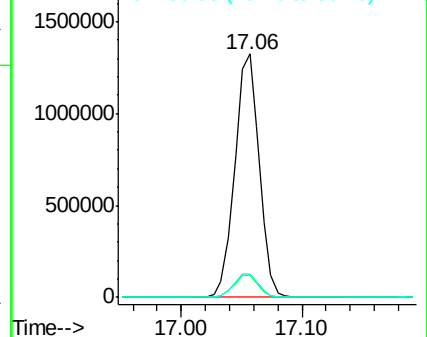
80 9.7 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

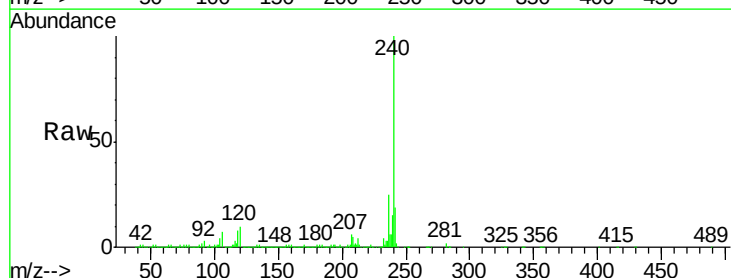
Tgt Ion:240 Resp: 1822994

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

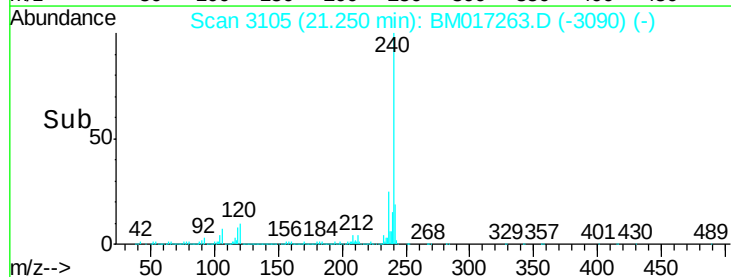
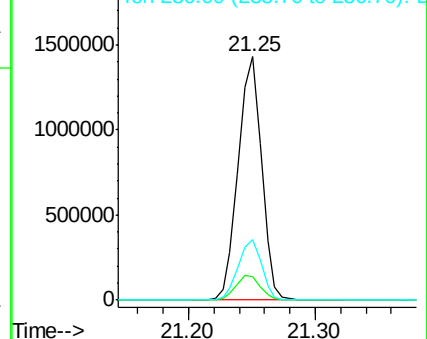
236 24.7 19.9 29.9

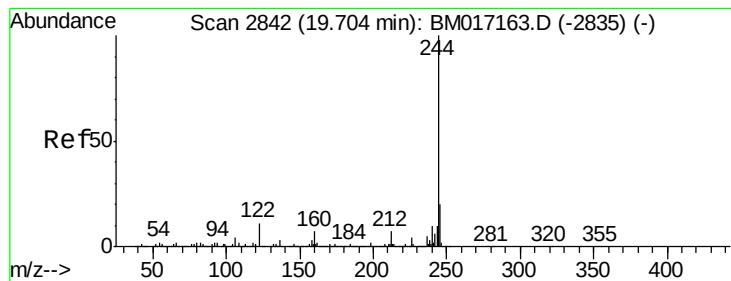


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 89.801 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

Instrument :

BNA_M

ClientSampleId :

NL-7

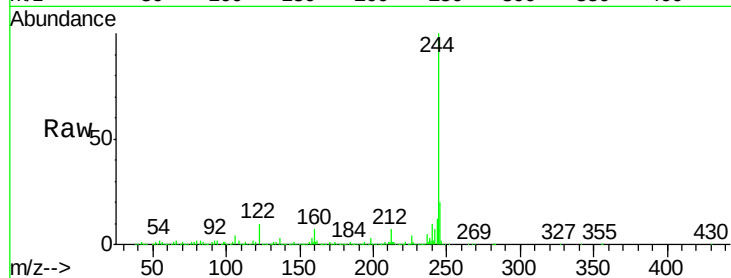
Tgt Ion:244 Resp: 7262912

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

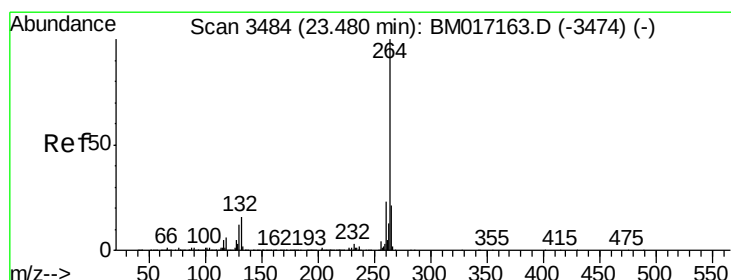
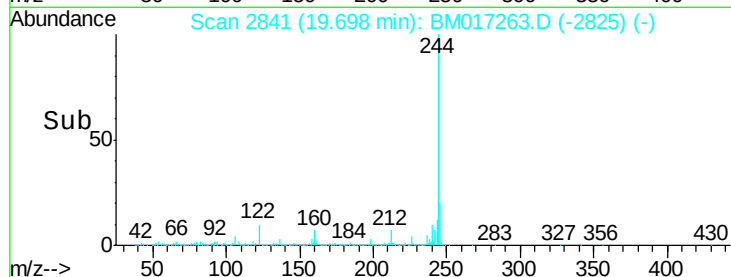
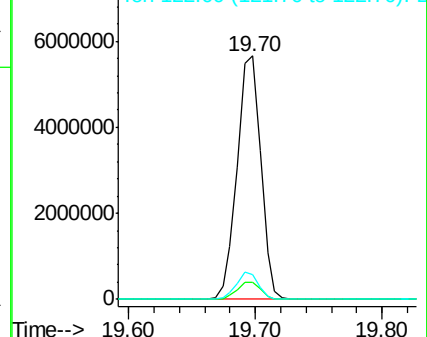
122 10.0 8.4 12.6



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: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017263.D

Acq: 20 Oct 2018 13:50

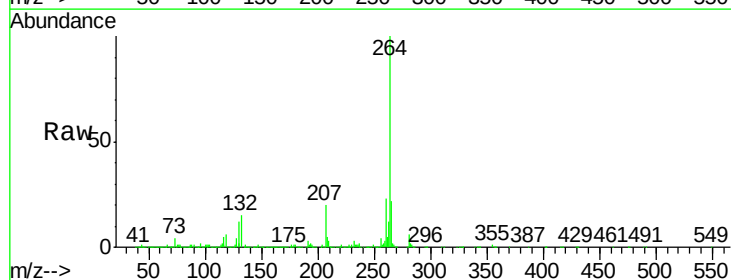
Tgt Ion:264 Resp: 1605067

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.1 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

