

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017251.D
 Acq On : 20 Oct 2018 05:24
 Operator : MJ/SJ
 Sample : J5565-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:46:47 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

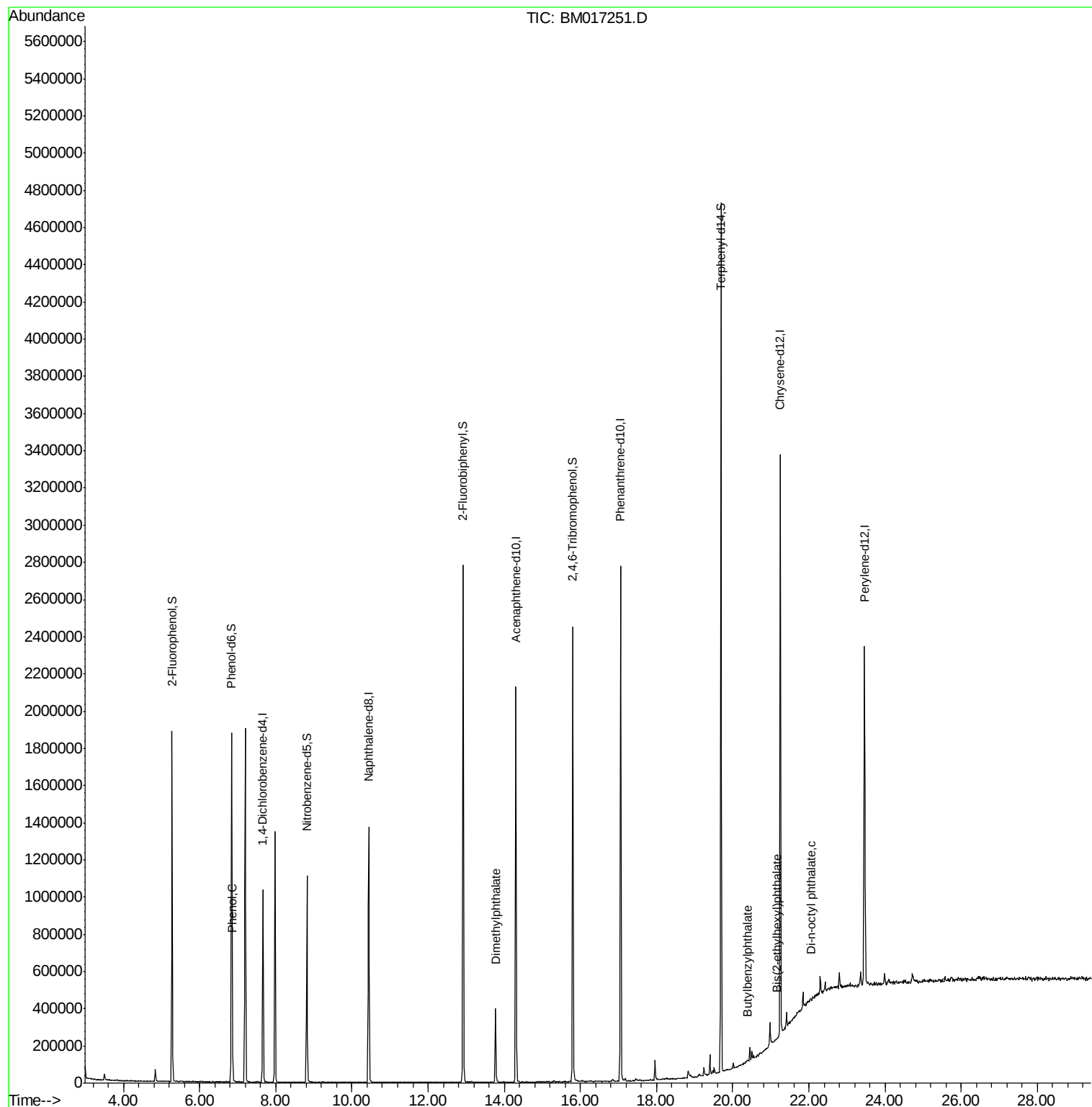
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	269756	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1135269	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	708973	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1626812	20.00	ng	-0.01
76) Chrysene-d12	21.24	240	1532635	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1307678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	753601	47.25	ng	-0.01
7) Phenol-d6	6.84	99	1035083	47.65	ng	-0.02
23) Nitrobenzene-d5	8.82	82	631483	32.53	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	436739	45.55	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	1489443	27.95	ng	-0.01
79) Terphenyl-d14	19.69	244	2055617	30.23	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	47626	2.037	ng	92
50) Dimethylphthalate	13.77	163	266200	4.867	ng	99
80) Butylbenzylphthalate	20.37	149	206	7.181	ng	# 27
84) Bis(2-ethylhexyl)phthalate	21.17	149	2725	5.356	ng	# 52
85) Di-n-octyl phthalate	22.05	149	1199	5.584	ng	# 68

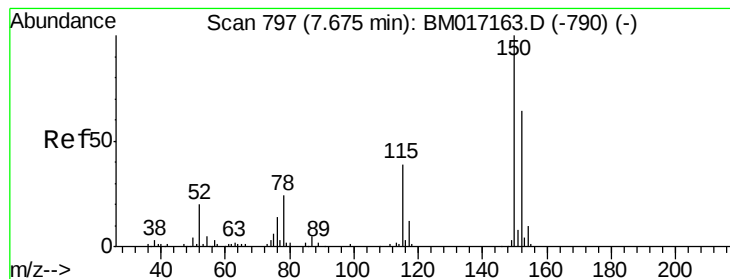
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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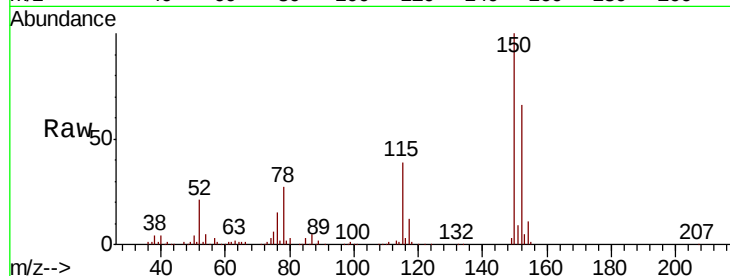


#1

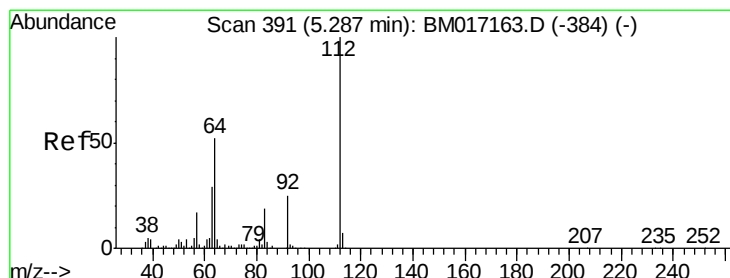
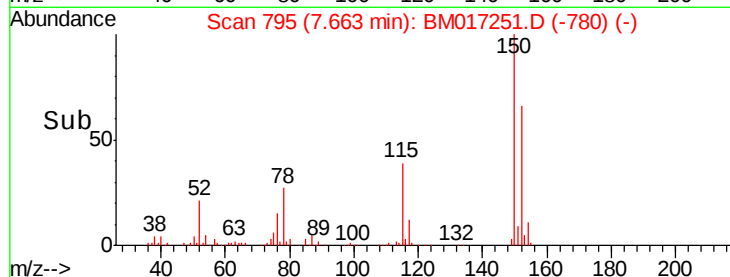
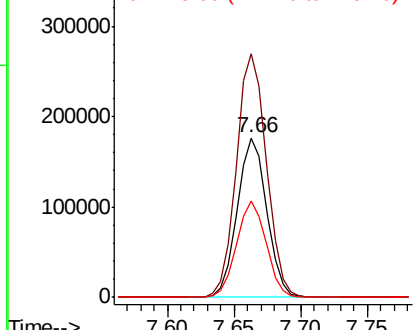
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.3	186.5
115	60.0	48.1	72.1



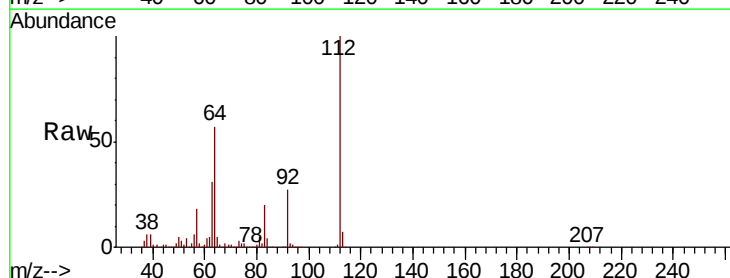
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



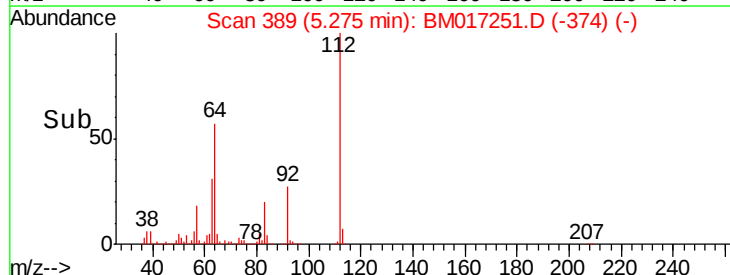
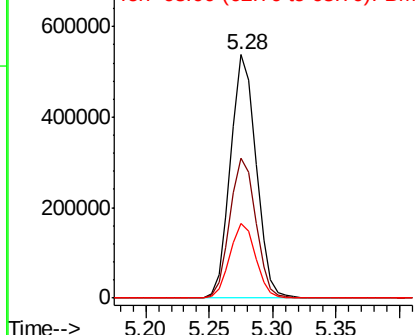
#5

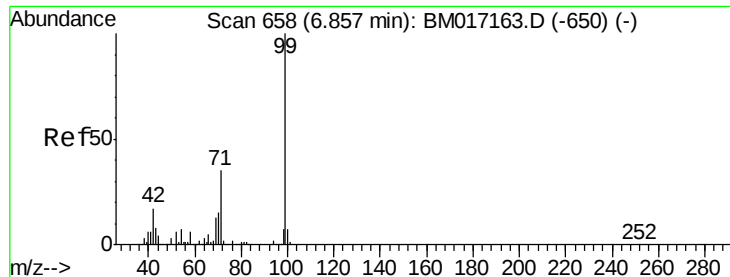
2-Fluorophenol
Concen: 47.250 ng
RT: 5.28 min Scan# 389
Delta R.T. -0.01 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	41.7	62.5
63	30.5	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: 47.651 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.02 min

Lab File: BM017251.D

Acq: 20 Oct 2018 05:24

Instrument :

BNA_M

ClientSampleId :

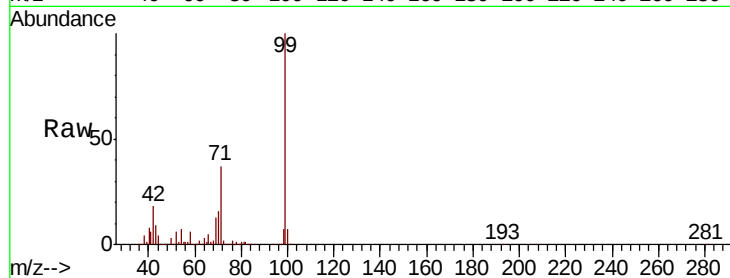
Tot Ion: 99 Resp: 1035083

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

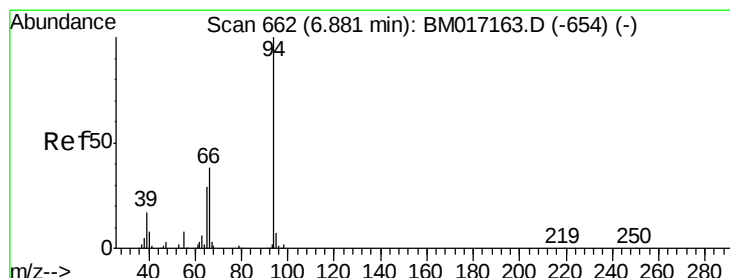
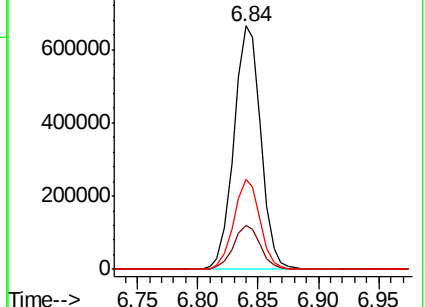
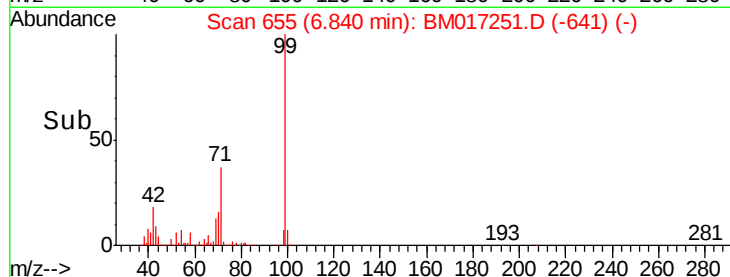
71 37.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017251.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017251.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017251.D (-641) (-)



#10

Phenol

Concen: 2.037 ng

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM017251.D

Acq: 20 Oct 2018 05:24

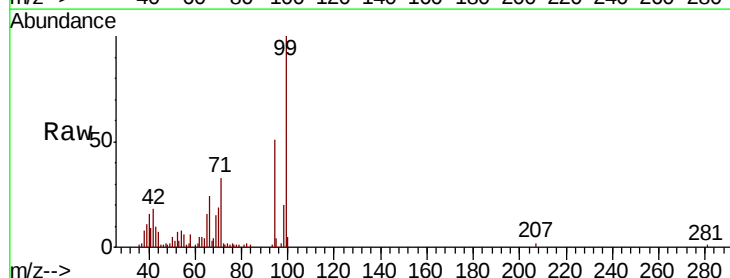
Tgt Ion: 94 Resp: 47626

Ion Ratio Lower Upper

94 100

65 30.4 9.4 49.4

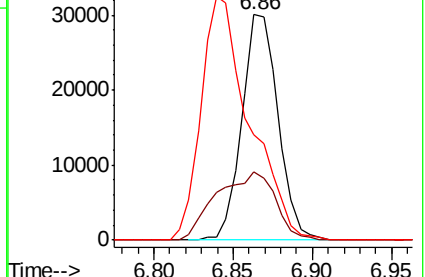
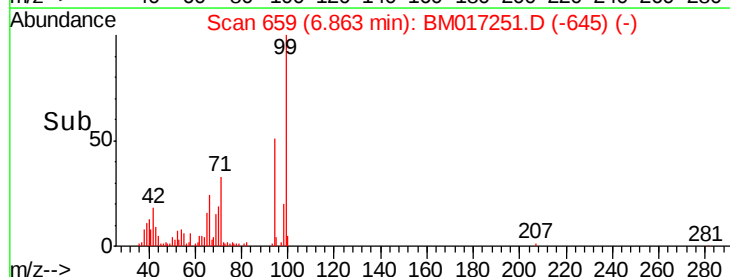
66 46.8 19.0 59.0

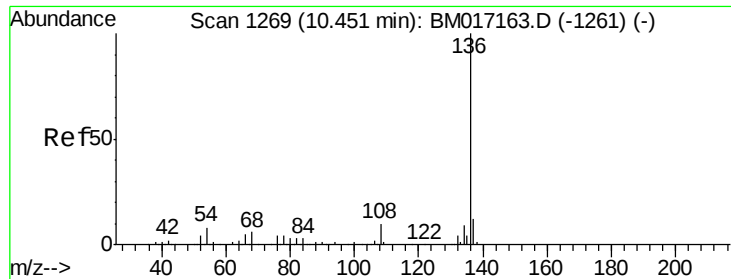


Abundance Ion 94.00 (93.70 to 94.70): BM017251.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017251.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017251.D (-645) (-)

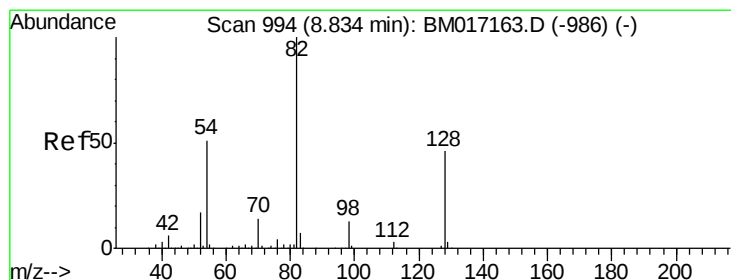
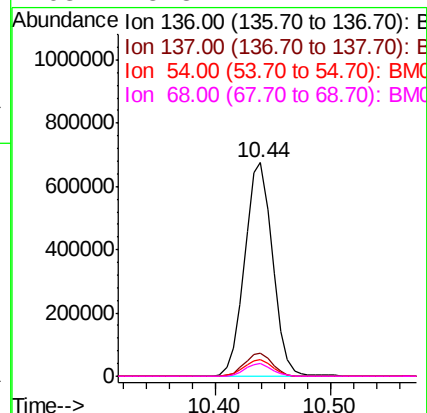
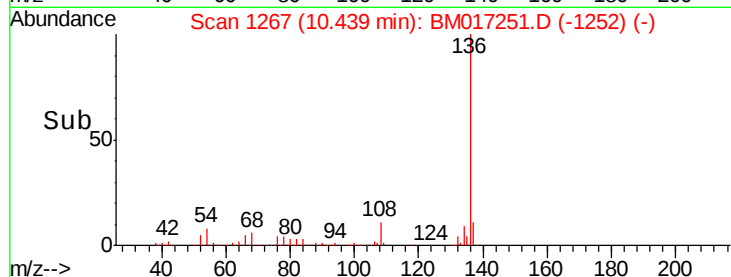
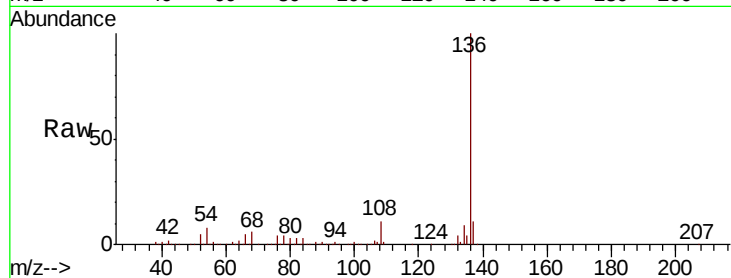




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

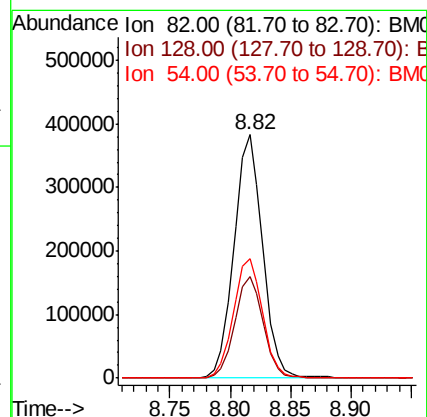
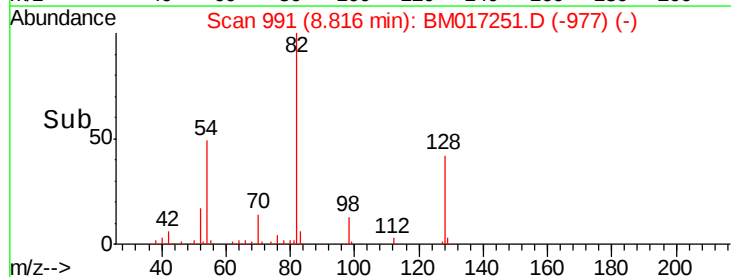
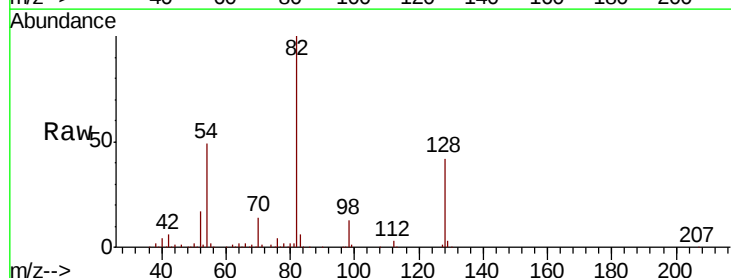
Instrument :
BNA_M
ClientSampleId :

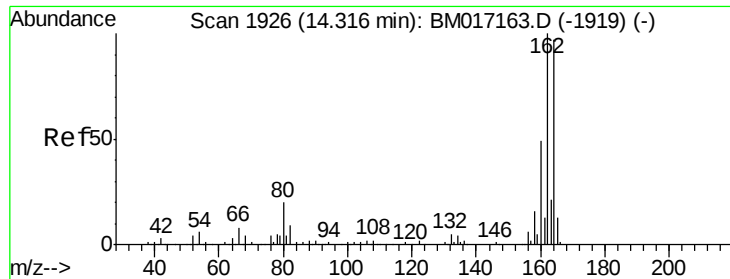
Tot Ion:136 Resp: 1135269
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.9 6.7 10.1
68 5.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 32.532 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Tgt Ion: 82 Resp: 631483
Ion Ratio Lower Upper
82 100
128 41.8 37.0 55.6
54 49.2 40.7 61.1

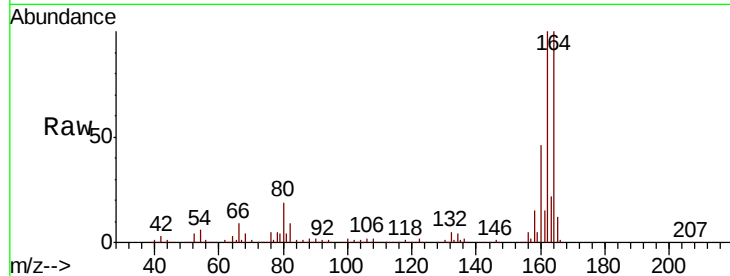




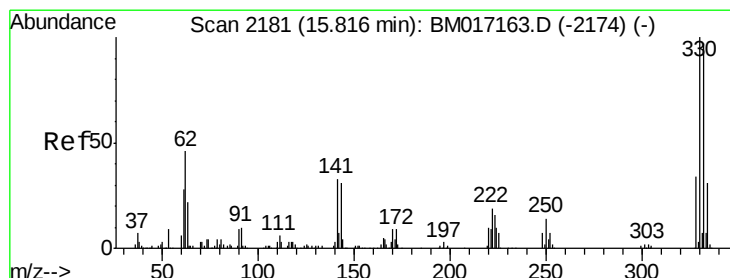
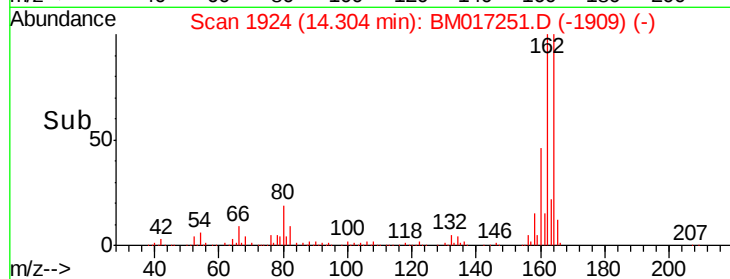
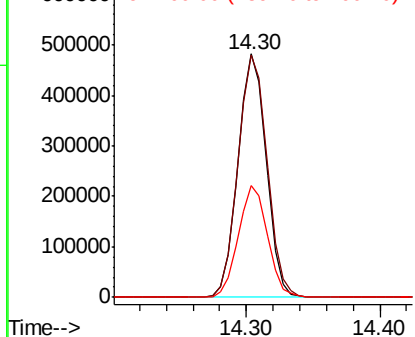
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 708973
Ion Ratio Lower Upper
164 100
162 99.8 82.1 123.1
160 45.8 40.2 60.2

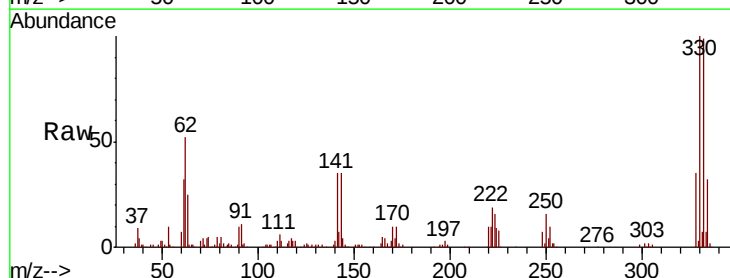


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

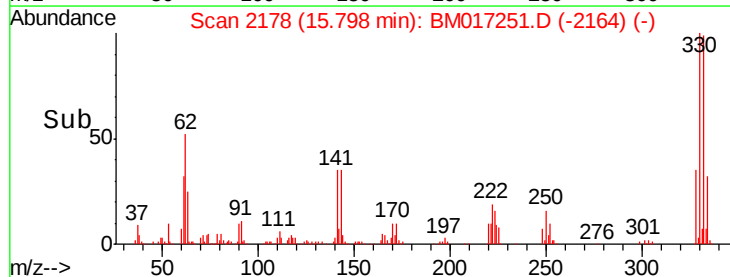
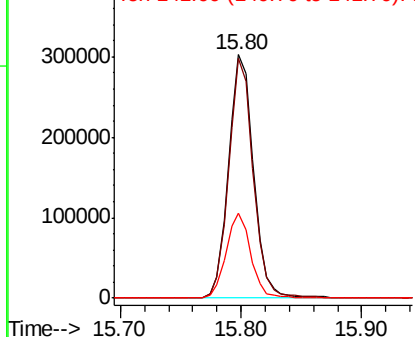


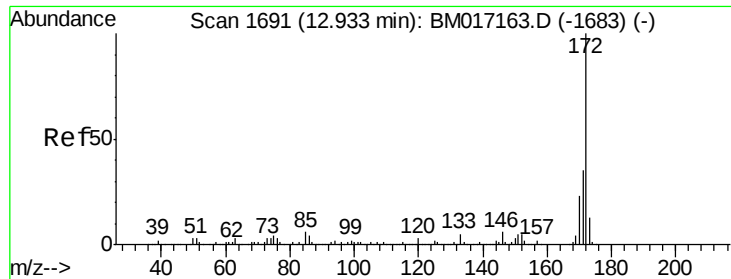
#42
2,4,6-Tribromophenol
Concen: 45.551 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Tgt Ion:330 Resp: 436739
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 34.3 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

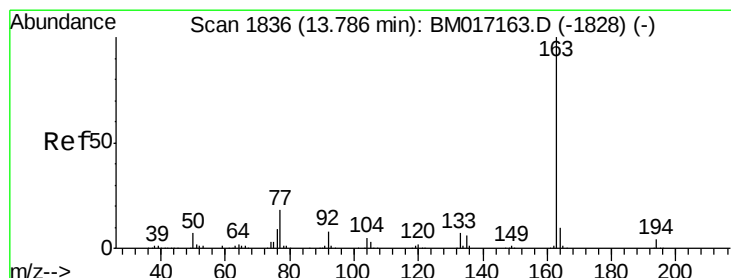
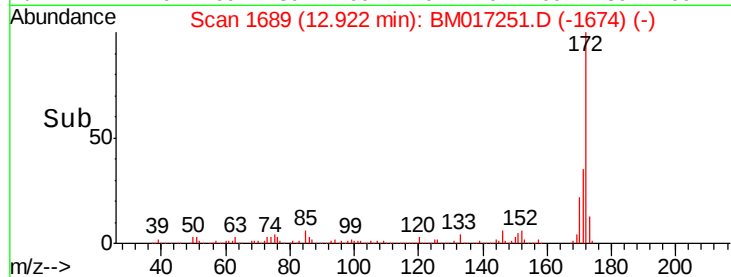
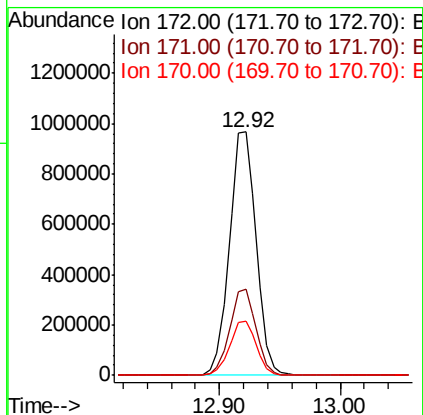
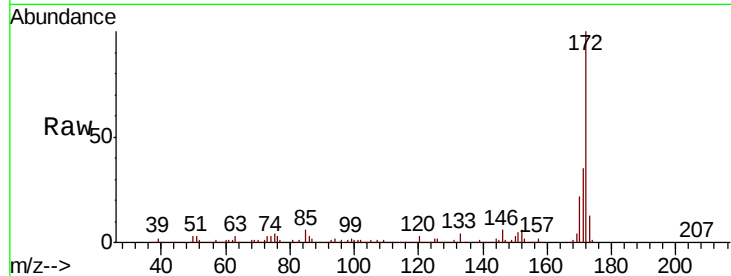




#45
2-Fluorobiphenyl
Concen: 27.953 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

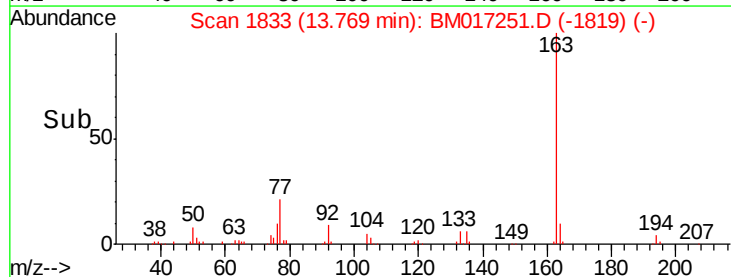
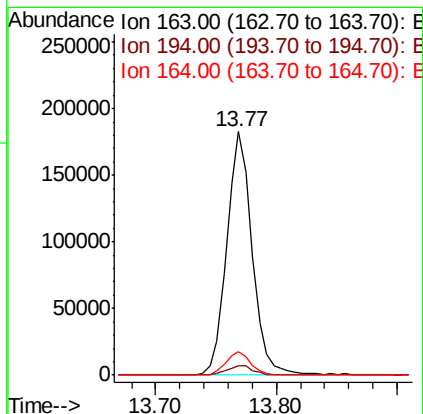
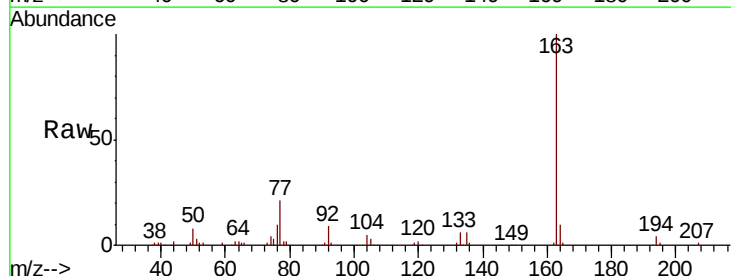
Instrument :
BNA_M
ClientSampleId :

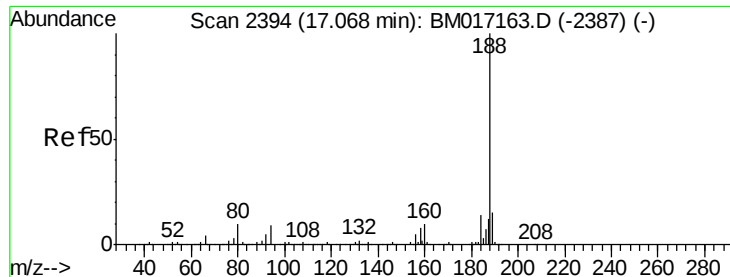
Tot Ion:172 Resp: 1489443
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.2 18.3 27.5



#50
Dimethylphthalate
Concen: 4.867 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Tgt Ion:163 Resp: 266200
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.5 7.8 11.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM017251.D

Acq: 20 Oct 2018 05:24

Instrument :

BNA_M

ClientSampled :

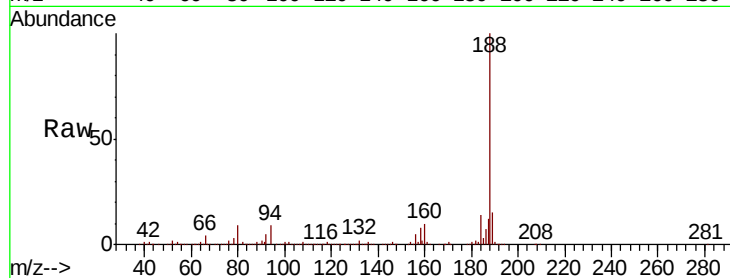
Tot Ion:188 Resp: 1626812

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

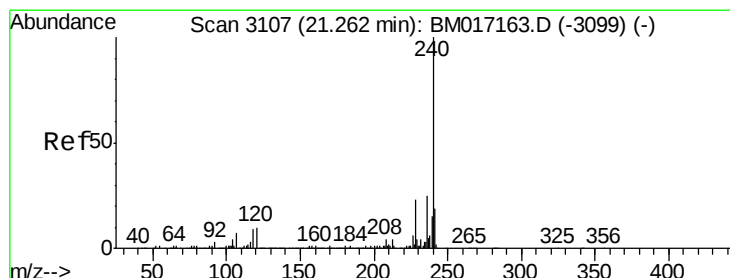
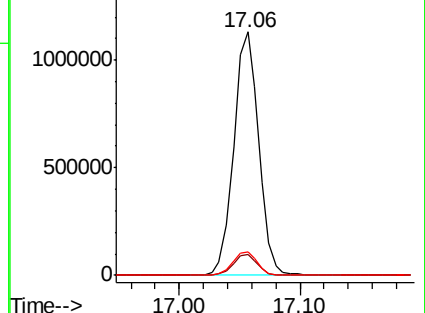
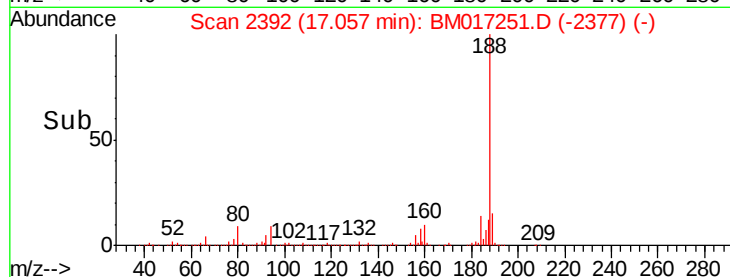
80 9.4 7.7 11.5



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: BM017251.D

Acq: 20 Oct 2018 05:24

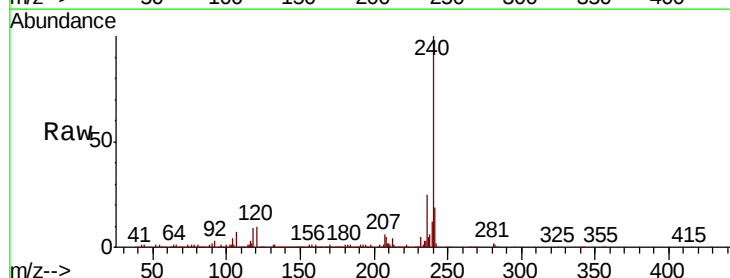
Tgt Ion:240 Resp: 1532635

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

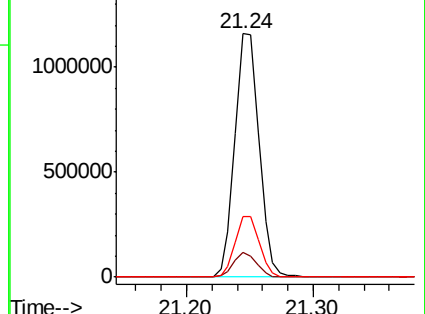
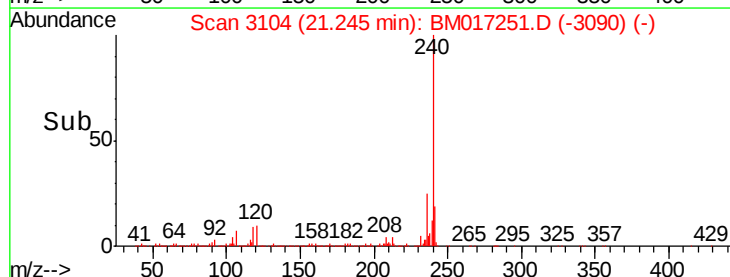
236 24.8 19.9 29.9

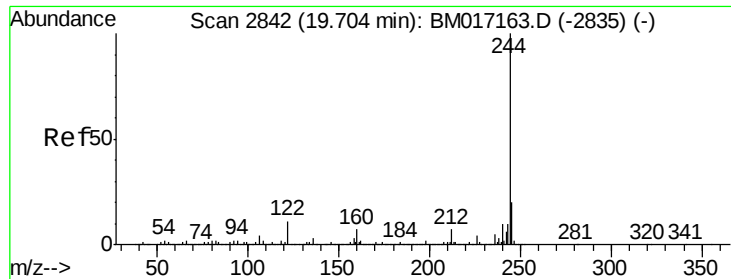


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 30.231 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017251.D

Acq: 20 Oct 2018 05:24

Instrument :

BNA_M

ClientSampleId :

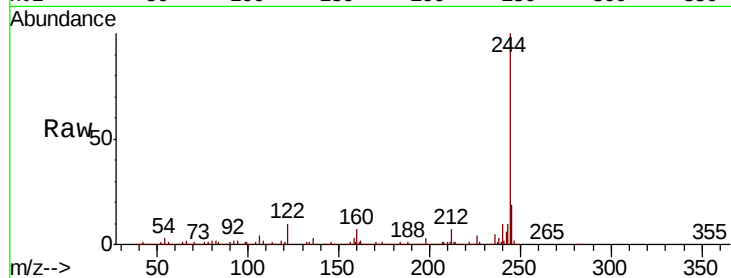
Tot Ion:244 Resp: 2055617

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

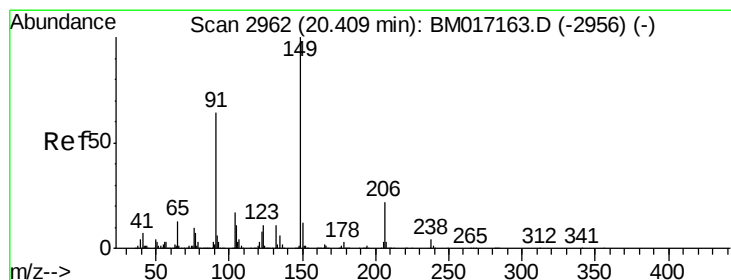
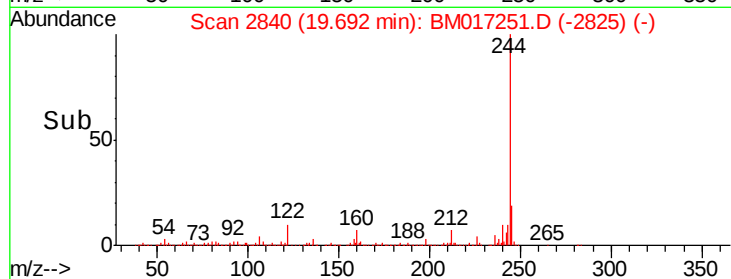
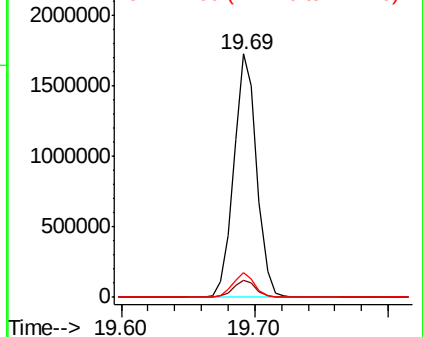
122 10.2 8.4 12.6



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



#80

Butylbenzylphthalate

Concen: 7.181 ng

RT: 20.37 min Scan# 2956

Delta R.T. -0.03 min

Lab File: BM017251.D

Acq: 20 Oct 2018 05:24

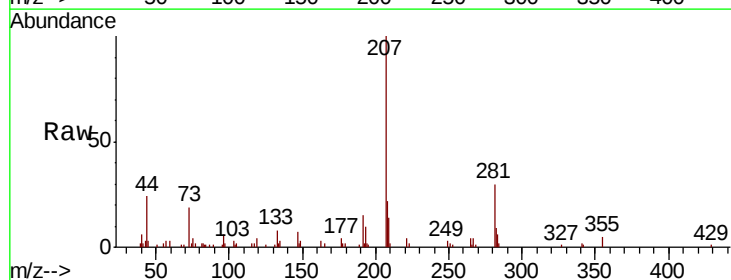
Tgt Ion:149 Resp: 206

Ion Ratio Lower Upper

149 100

91 0.0 51.3 76.9#

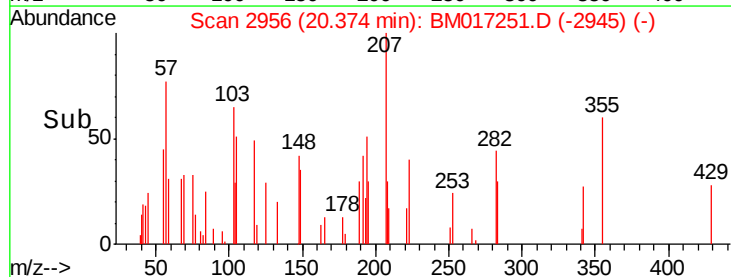
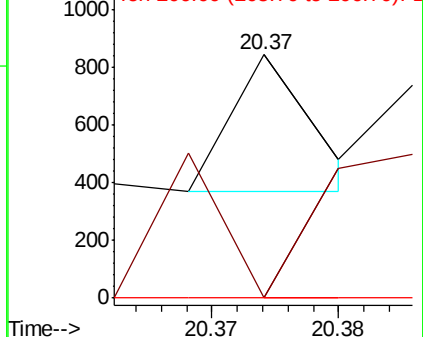
206 0.0 18.0 27.0#

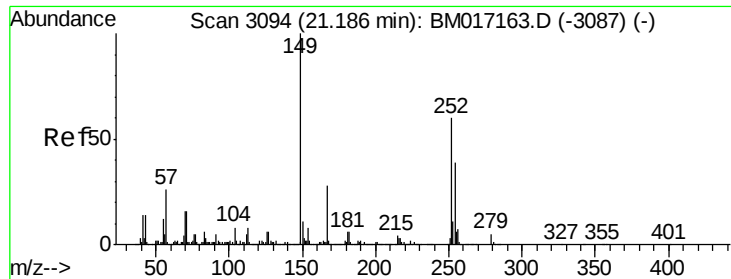


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

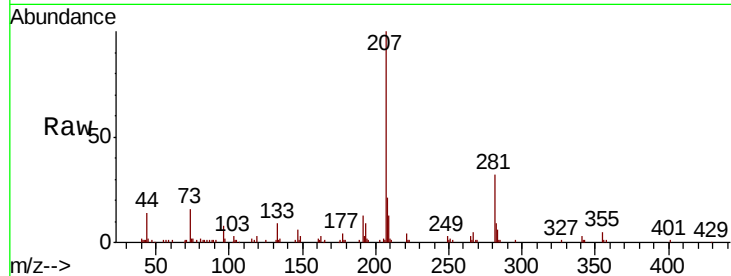




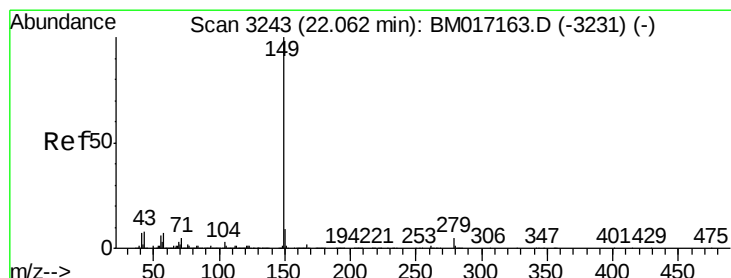
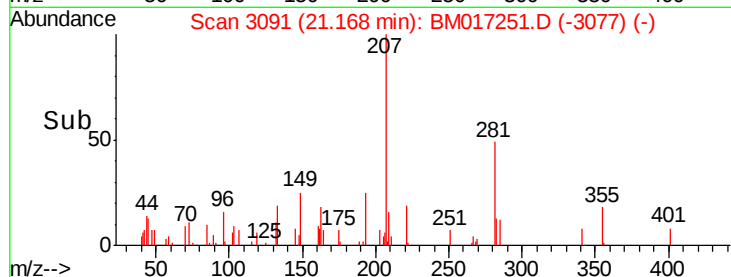
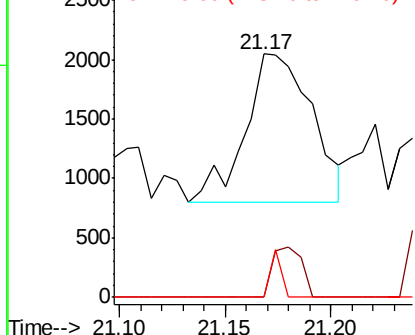
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.356 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.02 min
 Lab File: BM017251.D
 Acq: 20 Oct 2018 05:24

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:149 Resp: 2725
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.2 33.4#
 279 0.0 3.6 5.4#

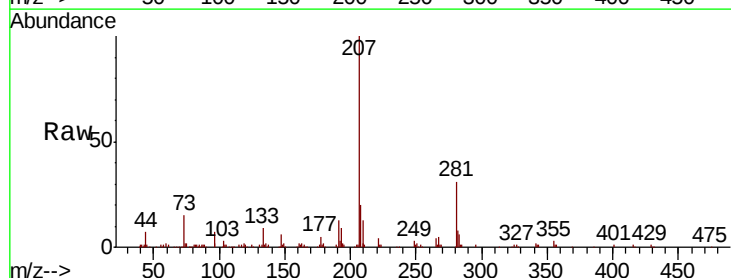


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

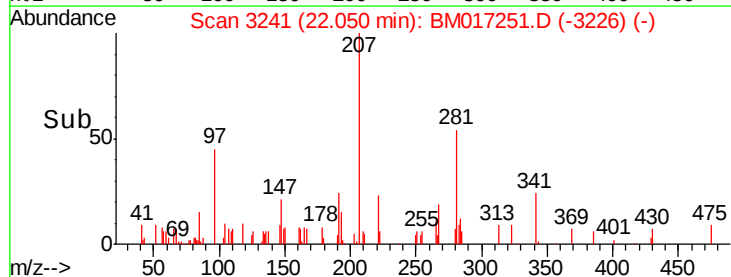
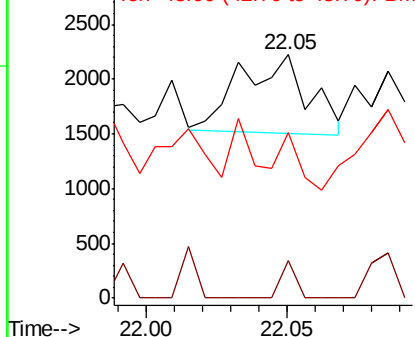


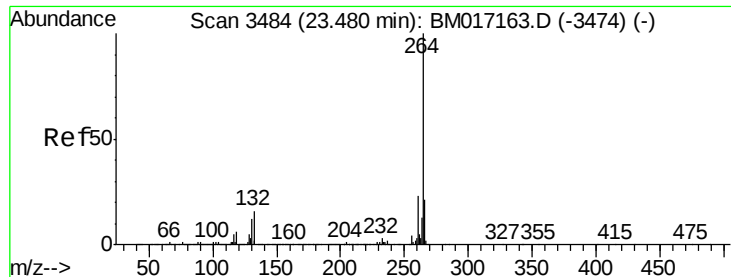
#85
 Di-n-octyl phthalate
 Concen: 5.584 ng
 RT: 22.05 min Scan# 3241
 Delta R.T. -0.01 min
 Lab File: BM017251.D
 Acq: 20 Oct 2018 05:24

Tgt Ion:149 Resp: 1199
 Ion Ratio Lower Upper
 149 100
 167 10.1 1.4 2.0#
 43 21.2 7.2 10.8#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM



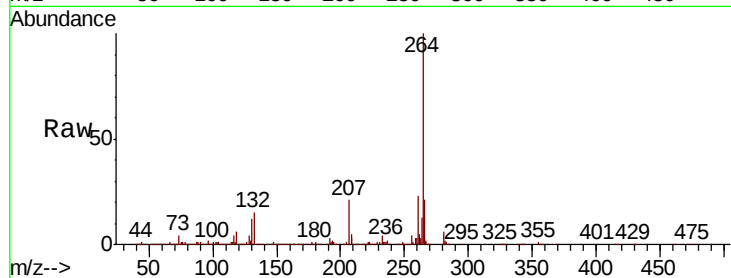


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017251.D
Acq: 20 Oct 2018 05:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1307678

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.5	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

