

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017252.D
 Acq On : 20 Oct 2018 06:01
 Operator : MJ/SJ
 Sample : J5575-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 22 02:46:56 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

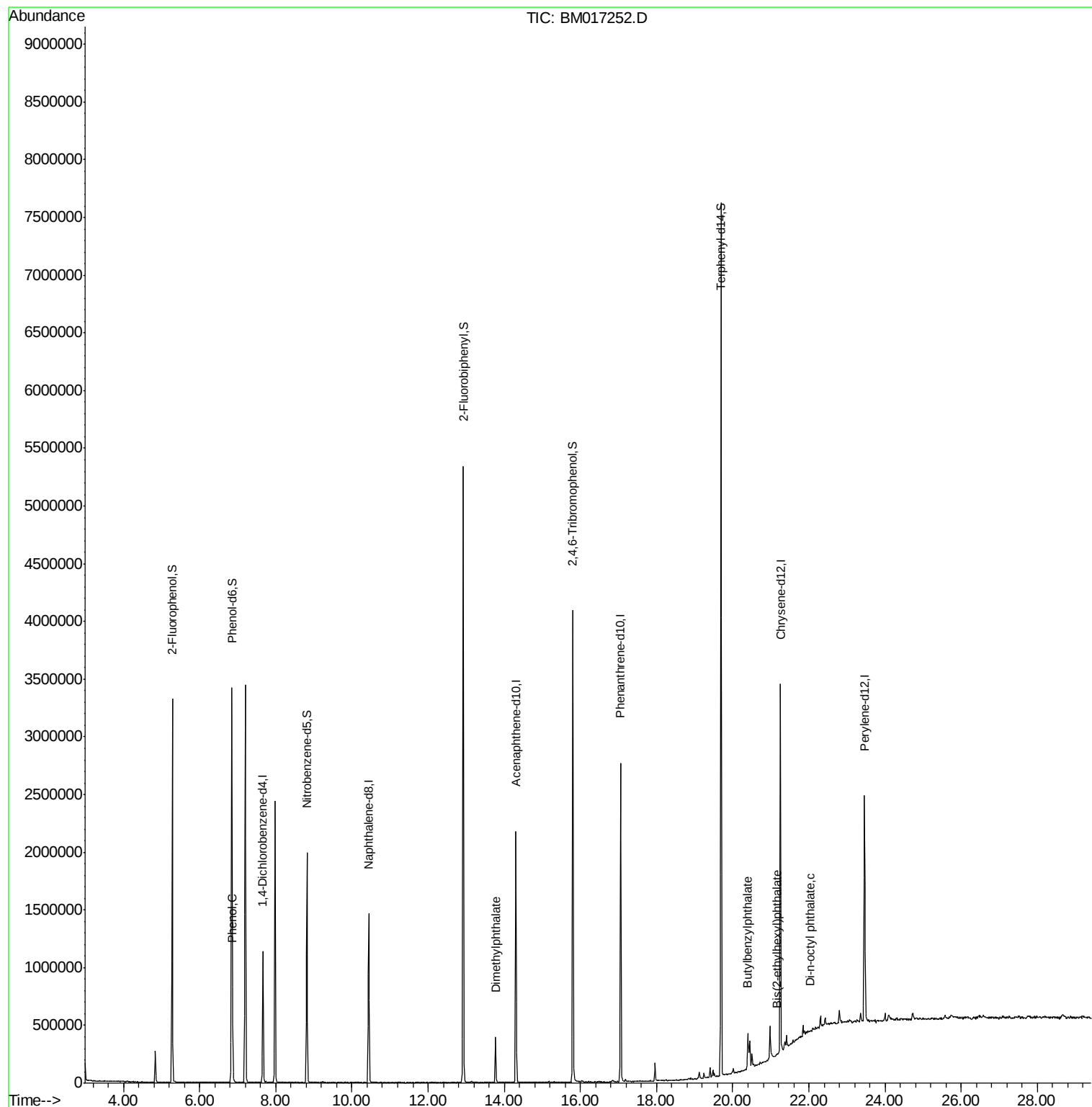
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	292087	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1202554	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	727076	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1595998	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1495373	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1370899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1356498	78.55	ng	0.00
7) Phenol-d6	6.85	99	1858274	79.01	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1124283	54.68	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	750640	76.34	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	2691717	49.26	ng	-0.01
79) Terphenyl-d14	19.69	244	3551543	53.53	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	171420	6.772	ng	96
50) Dimethylphthalate	13.77	163	259345	4.623	ng	99
80) Butylbenzylphthalate	20.40	149	1489	7.216	ng	# 63
84) Bis(2-ethylhexyl)phthalate	21.17	149	4613	5.392	ng	# 92
85) Di-n-octyl phthalate	22.04	149	1541	5.588	ng	# 1

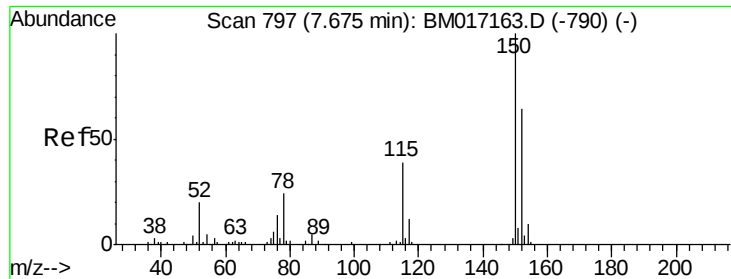
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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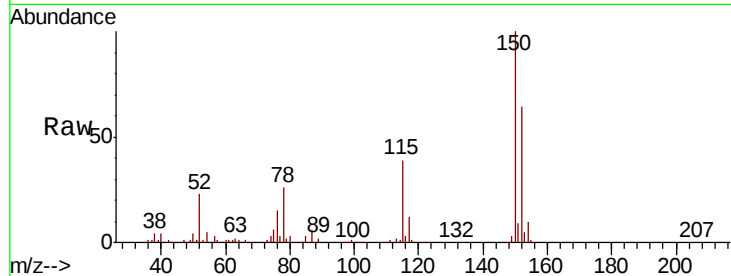


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	59.9	48.1	72.1

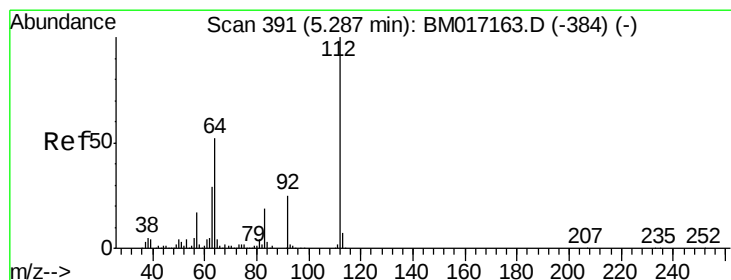
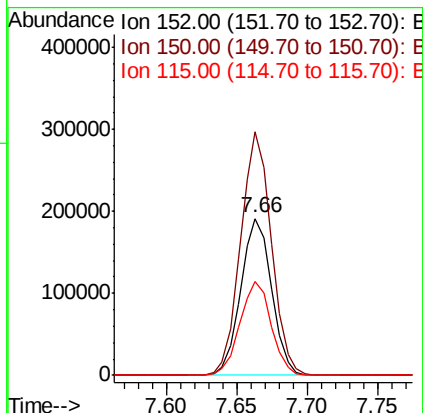
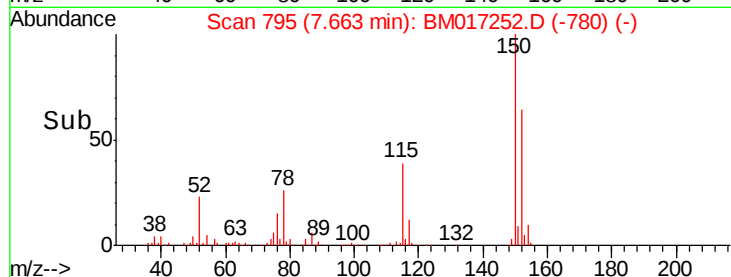


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

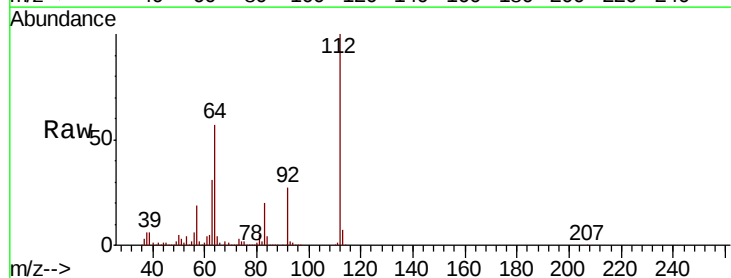
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.548 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	41.7	62.5
63	30.9	23.0	34.4

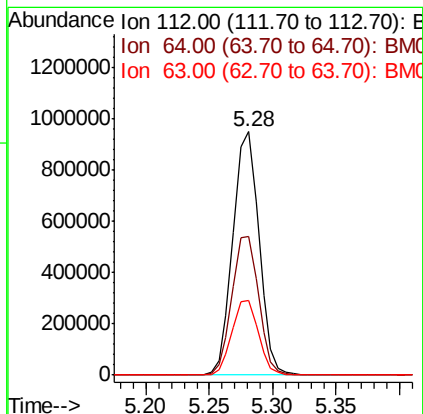
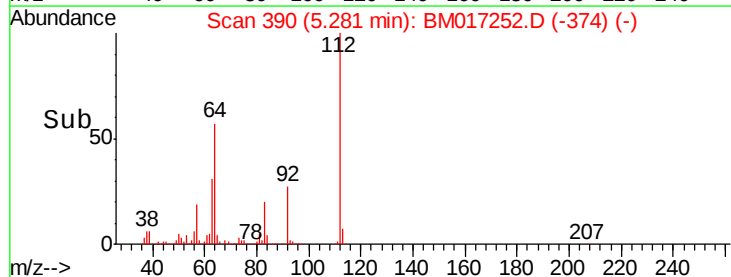


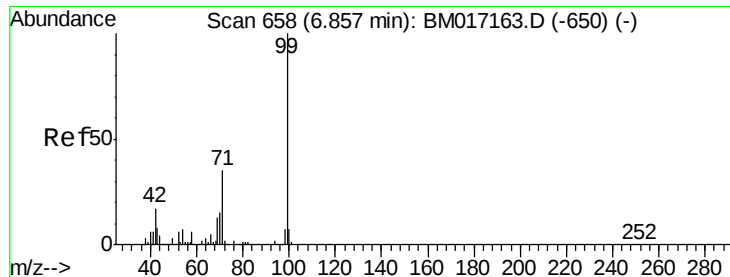
Abundance

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: 79.007 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

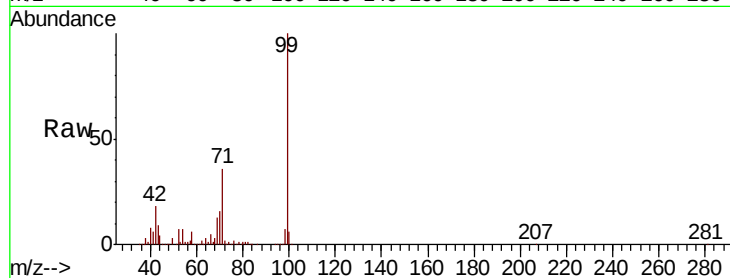
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 1858274

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.3	19.9
71	36.5	28.0	42.0



Abundance

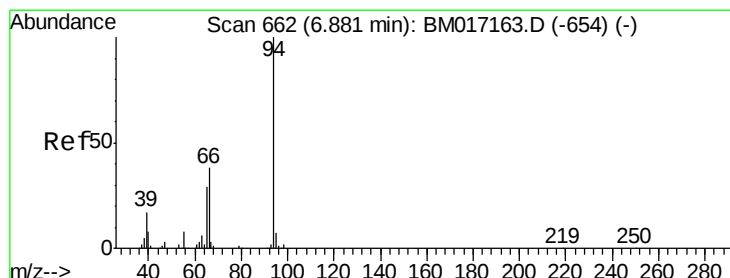
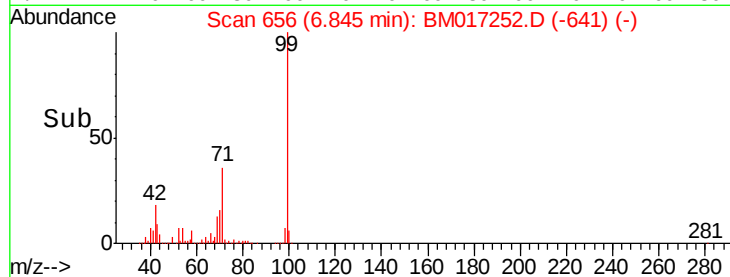
Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

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

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

6.85

Time-->



#10

Phenol

Concen: 6.772 ng

RT: 6.87 min Scan# 660

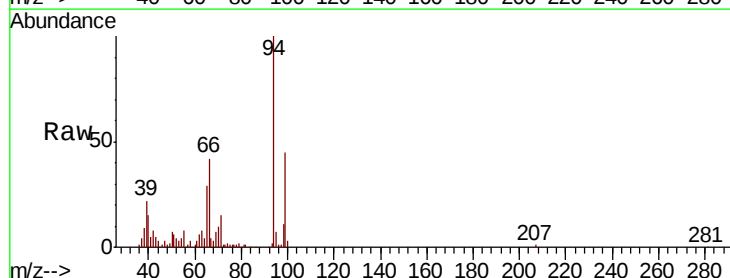
Delta R.T. -0.01 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

Tgt Ion: 94 Resp: 171420

Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	42.3	19.0	59.0



Abundance

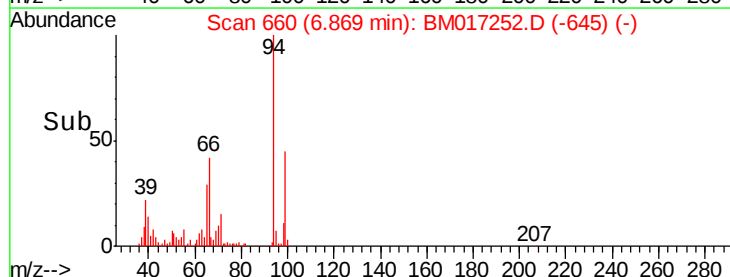
Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

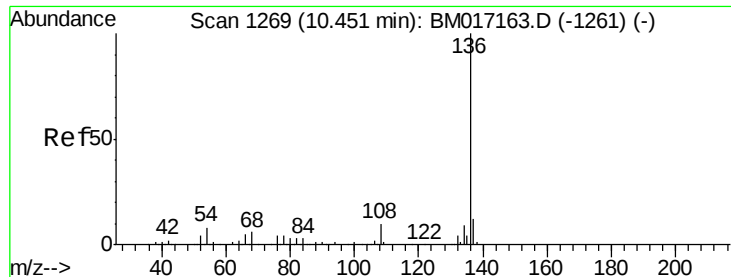
Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

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

6.87

Time-->

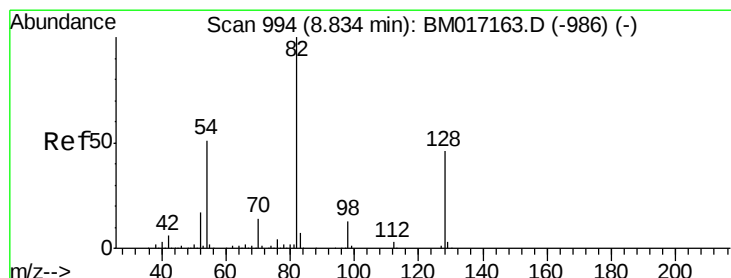
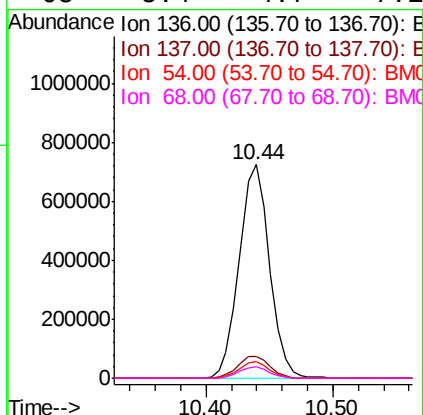
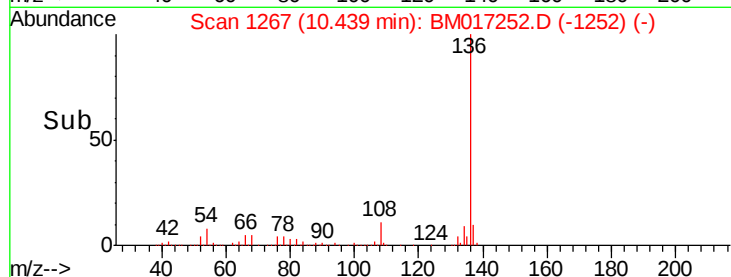
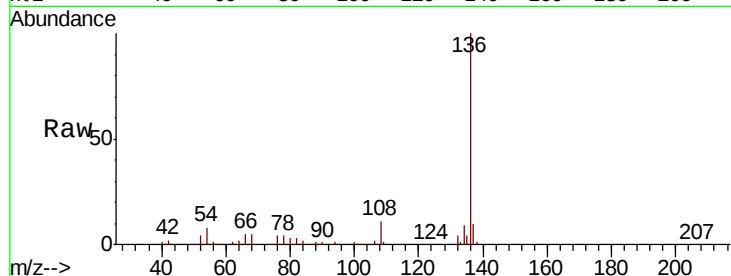




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

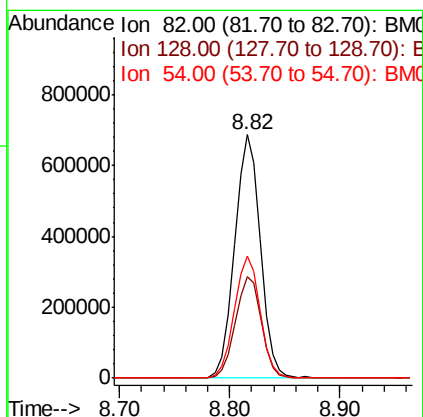
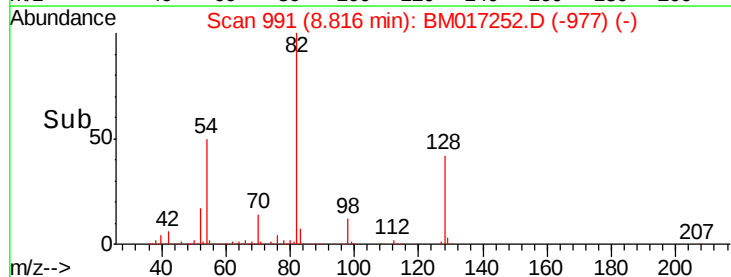
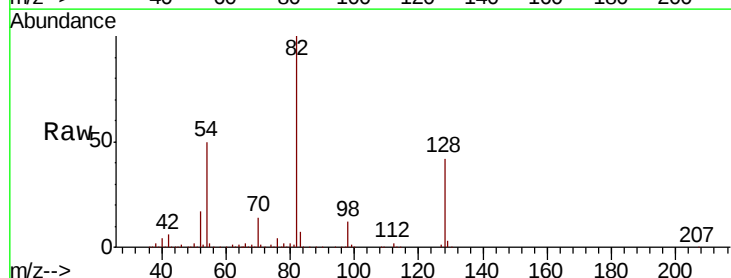
Instrument :
BNA_M
ClientSampleId :

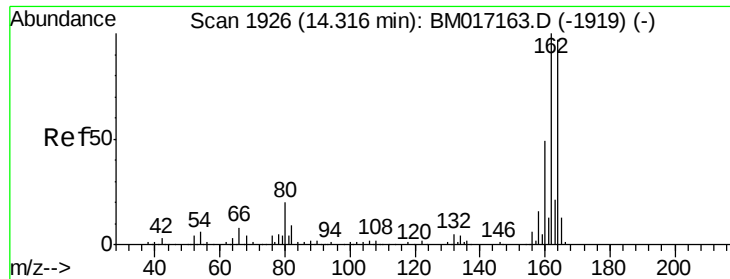
Tot Ion:136 Resp: 1202554
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.1 6.7 10.1
68 5.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 54.679 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Tgt Ion: 82 Resp: 1124283
Ion Ratio Lower Upper
82 100
128 41.6 37.0 55.6
54 50.1 40.7 61.1

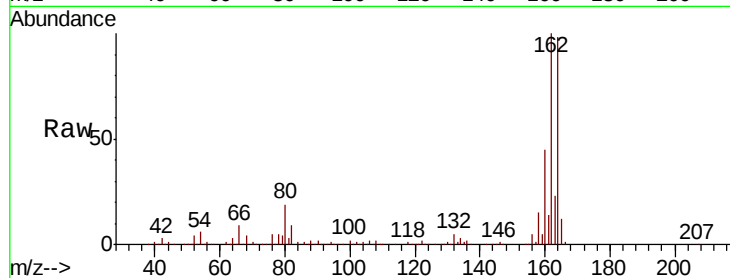




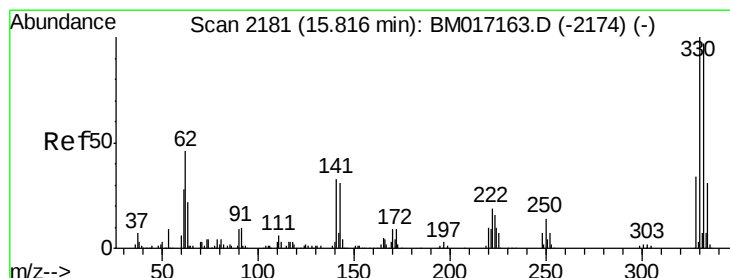
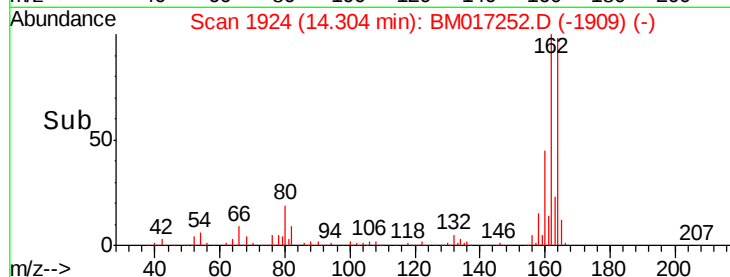
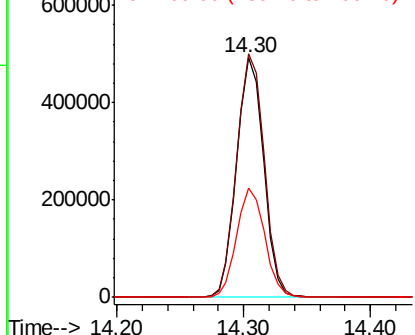
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 727076
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 45.7 40.2 60.2

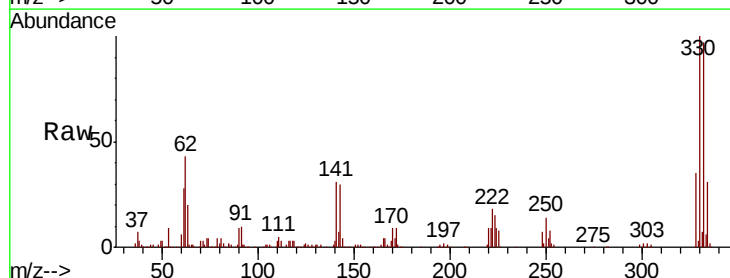


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

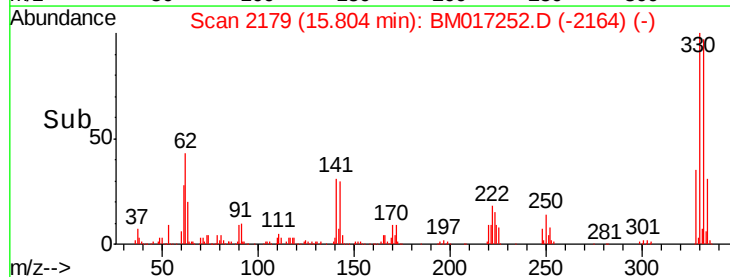
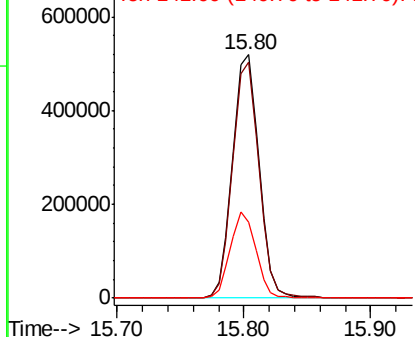


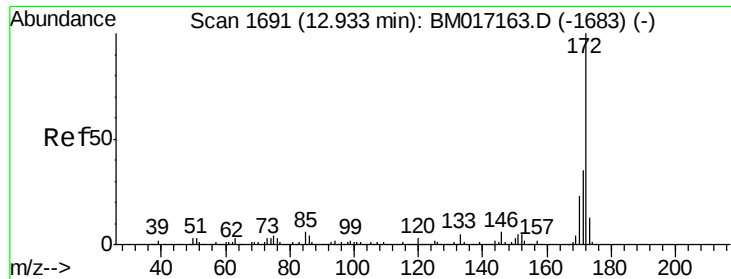
#42
2,4,6-Tribromophenol
Concen: 76.342 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Tgt Ion:330 Resp: 750640
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 34.4 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



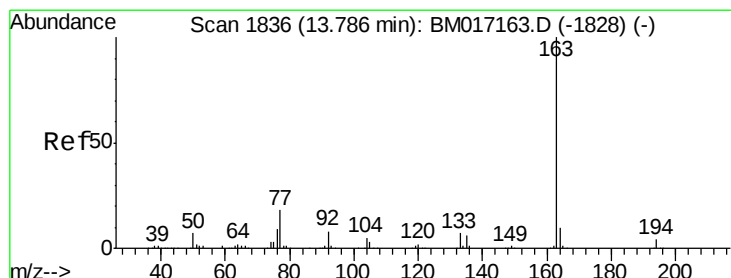
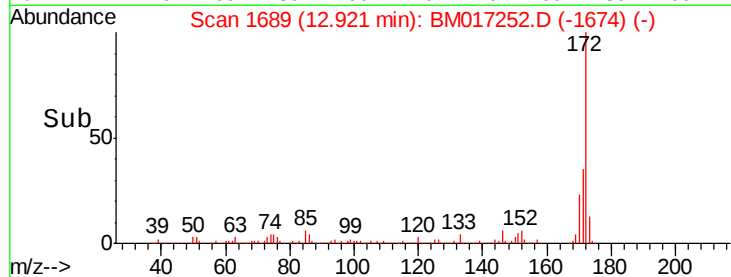
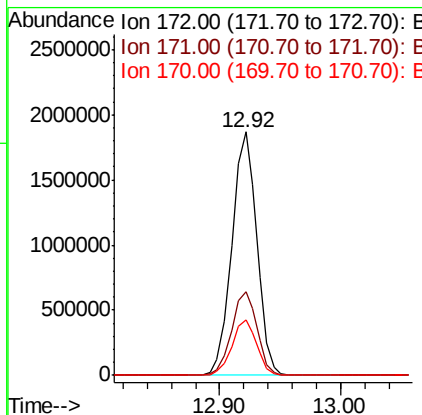
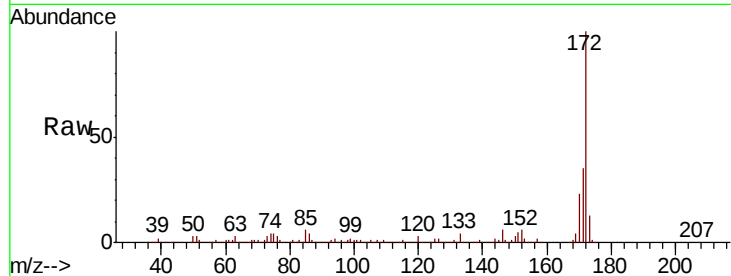


#45
 2-Fluorobiphenyl
 Concen: 49.258 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017252.D
 Acq: 20 Oct 2018 06:01

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:172 Resp: 2691717

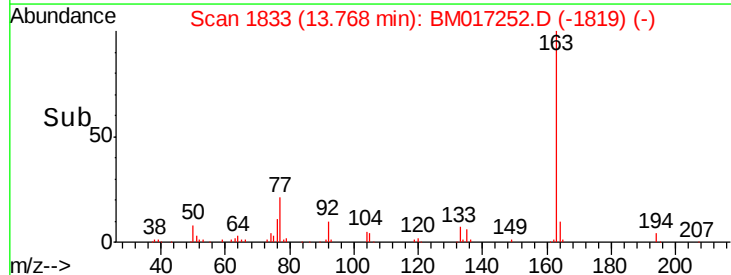
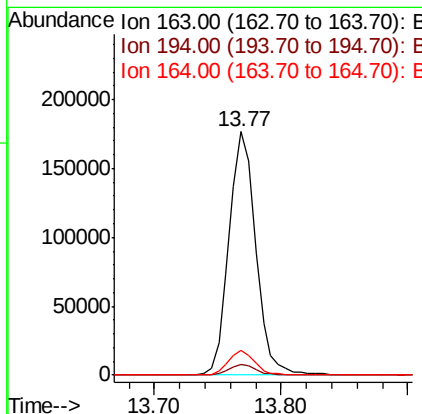
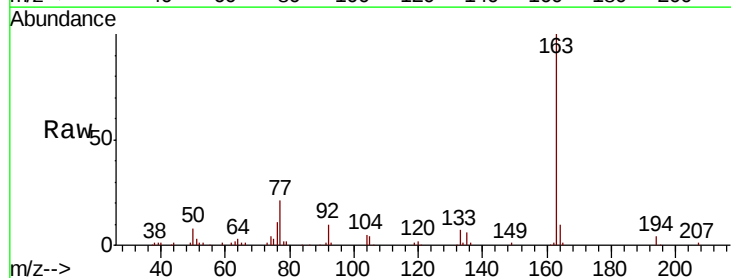
Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.3	42.5
170	22.6	18.3	27.5

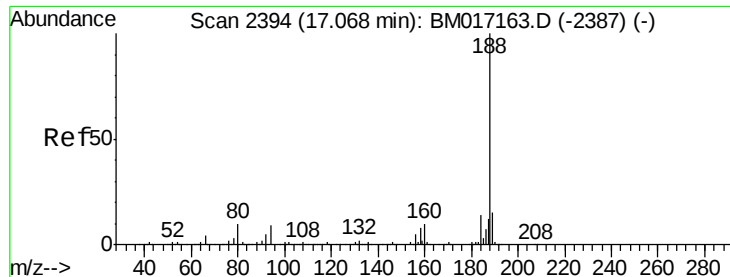


#50
 Dimethylphthalate
 Concen: 4.623 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM017252.D
 Acq: 20 Oct 2018 06:01

Tgt Ion:163 Resp: 259345

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.1	7.8	11.8

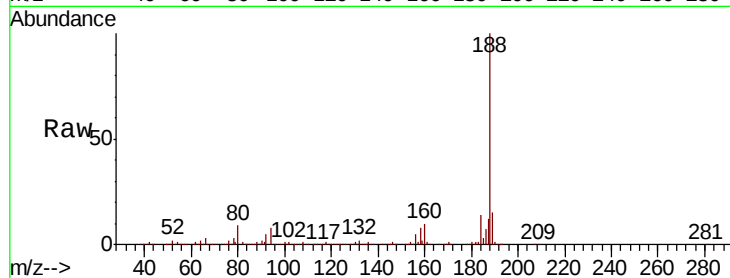




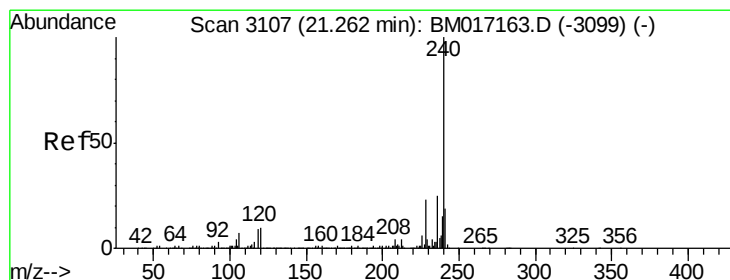
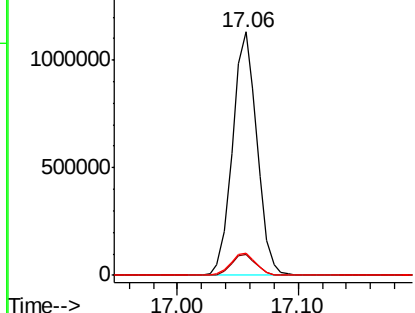
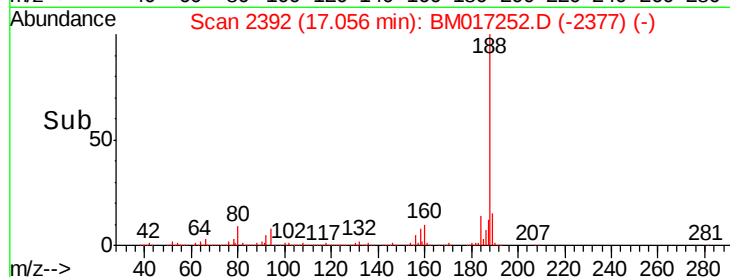
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1595998
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.1 7.7 11.5

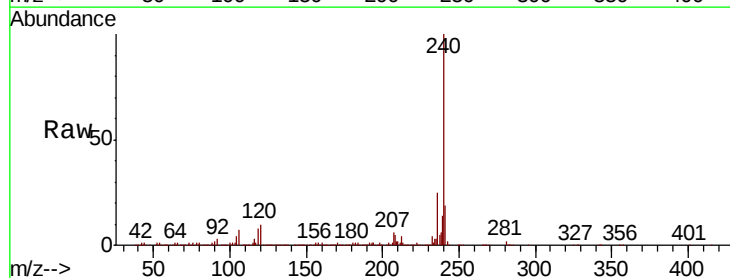


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

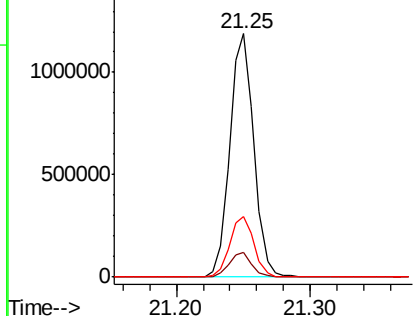
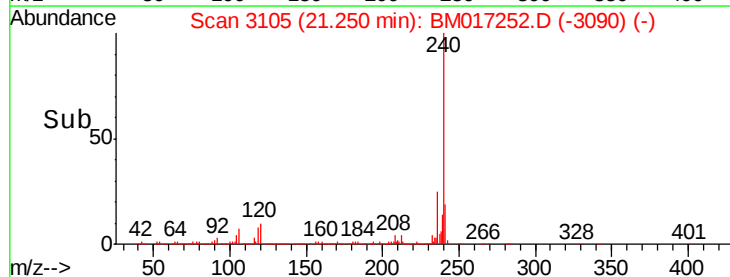


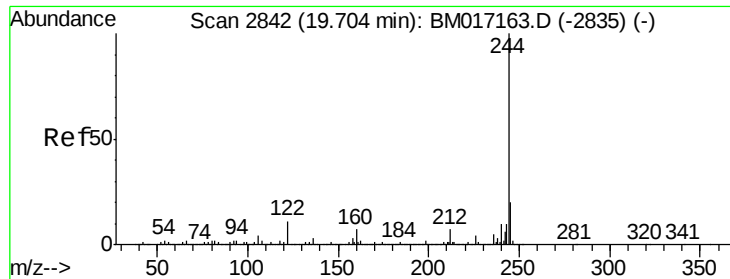
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017252.D
Acq: 20 Oct 2018 06:01

Tgt Ion:240 Resp: 1495373
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 25.0 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: 53.533 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

Instrument :

BNA_M

ClientSampleId :

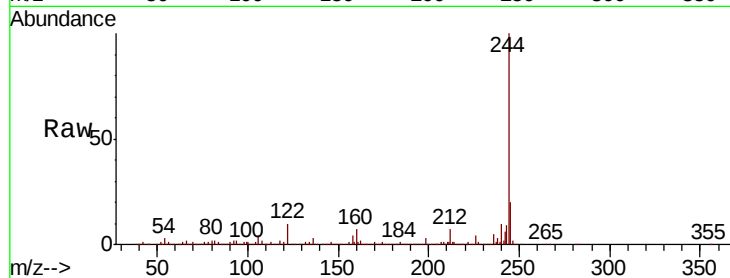
Tot Ion:244 Resp: 3551543

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

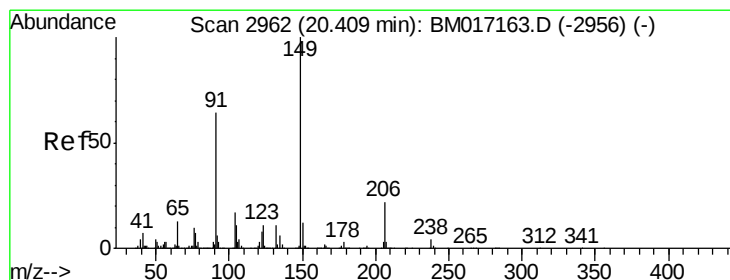
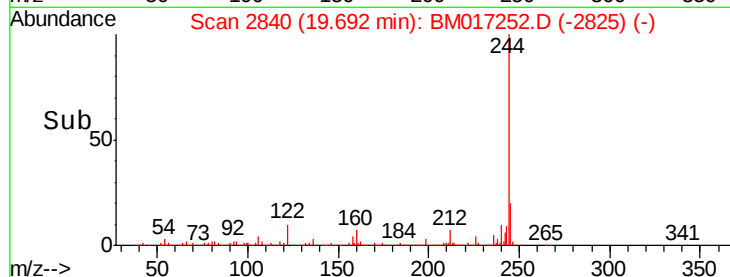
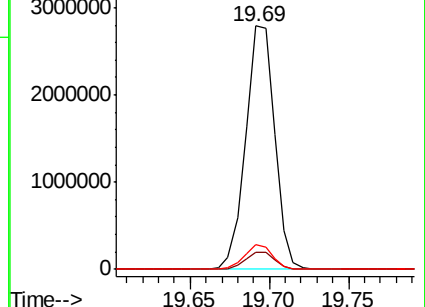
122 10.1 8.4 12.6



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: 7.216 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

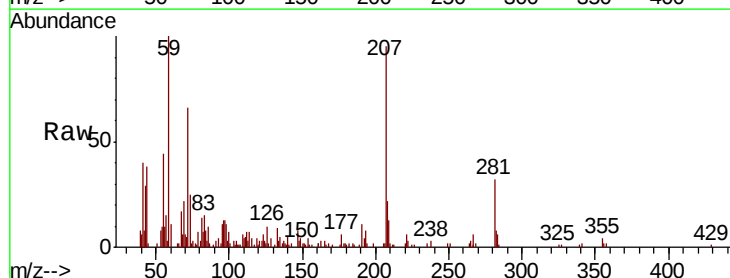
Tgt Ion:149 Resp: 1489

Ion Ratio Lower Upper

149 100

91 90.2 51.3 76.9#

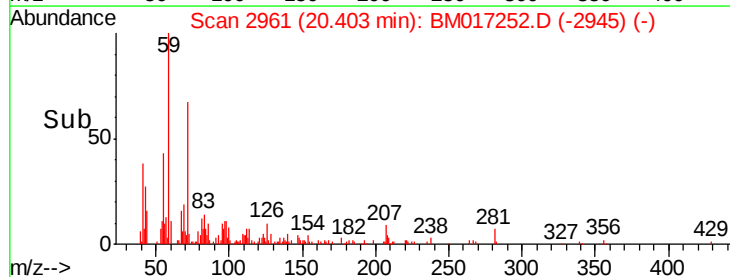
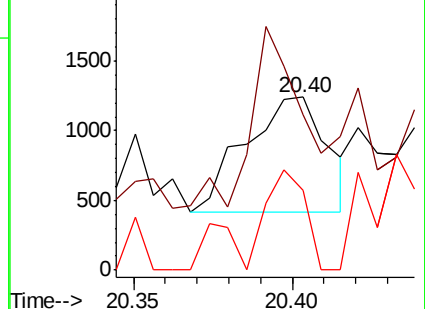
206 45.9 18.0 27.0#

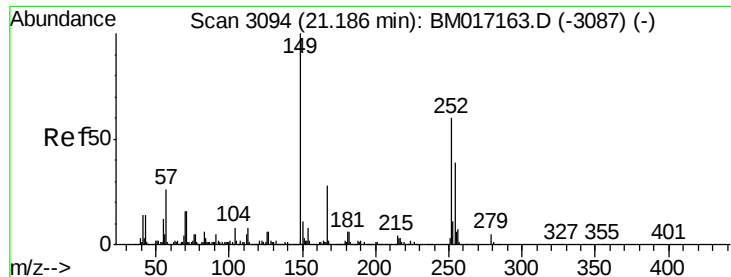


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.392 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

Instrument :

BNA_M

ClientSampleId :

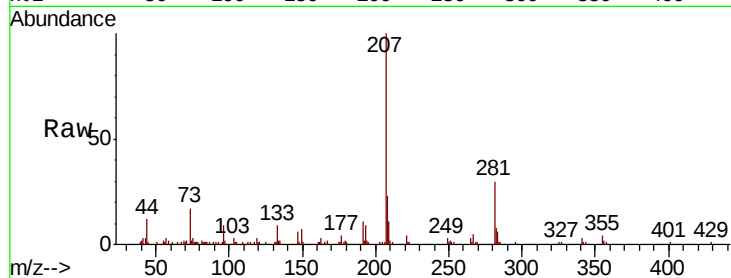
Tot Ion:149 Resp: 4613

Ion Ratio Lower Upper

149 100

167 23.5 22.2 33.4

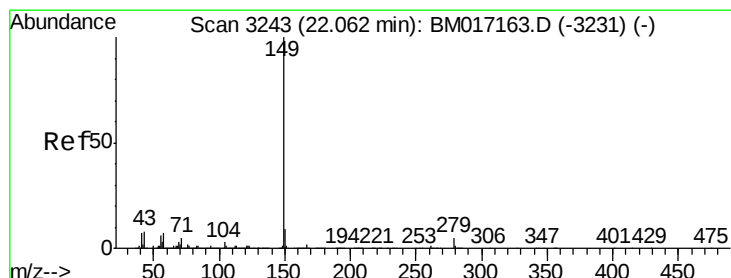
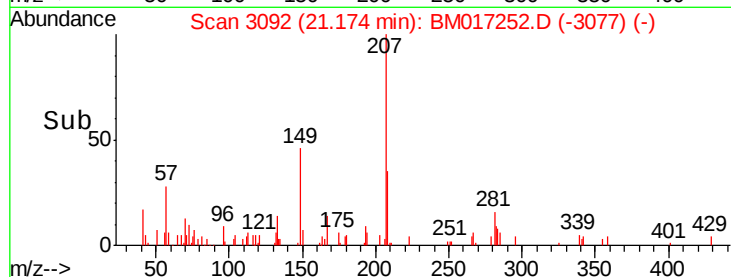
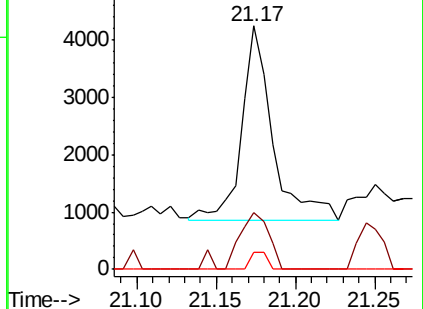
279 7.1 3.6 5.4#



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: 5.588 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017252.D

Acq: 20 Oct 2018 06:01

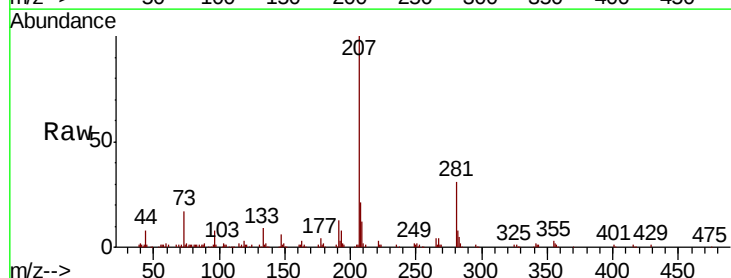
Tgt Ion:149 Resp: 1541

Ion Ratio Lower Upper

149 100

167 8.8 1.4 2.0#

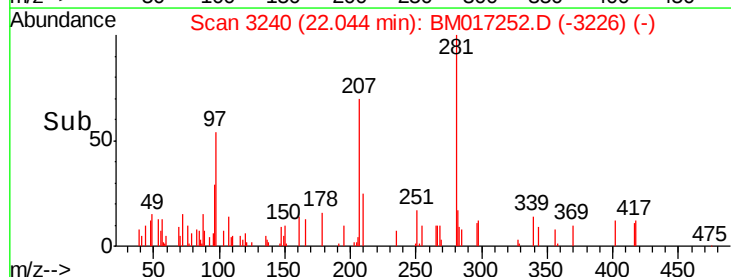
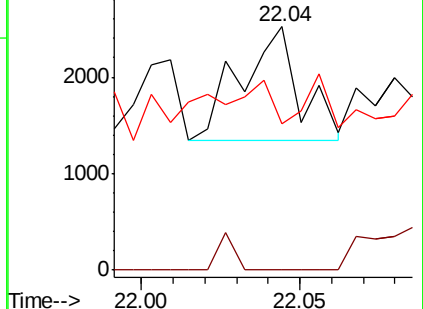
43 71.4 7.2 10.8#

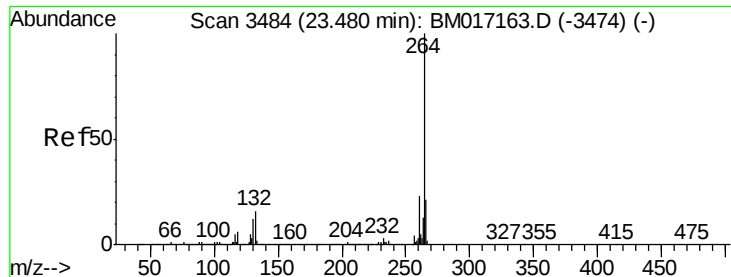


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017252.D
 Acq: 20 Oct 2018 06:01

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1370899
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.9 17.8 26.8

