

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017250.D
 Acq On : 20 Oct 2018 04:48
 Operator : MJ/SJ
 Sample : J5585-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 05:57:04 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

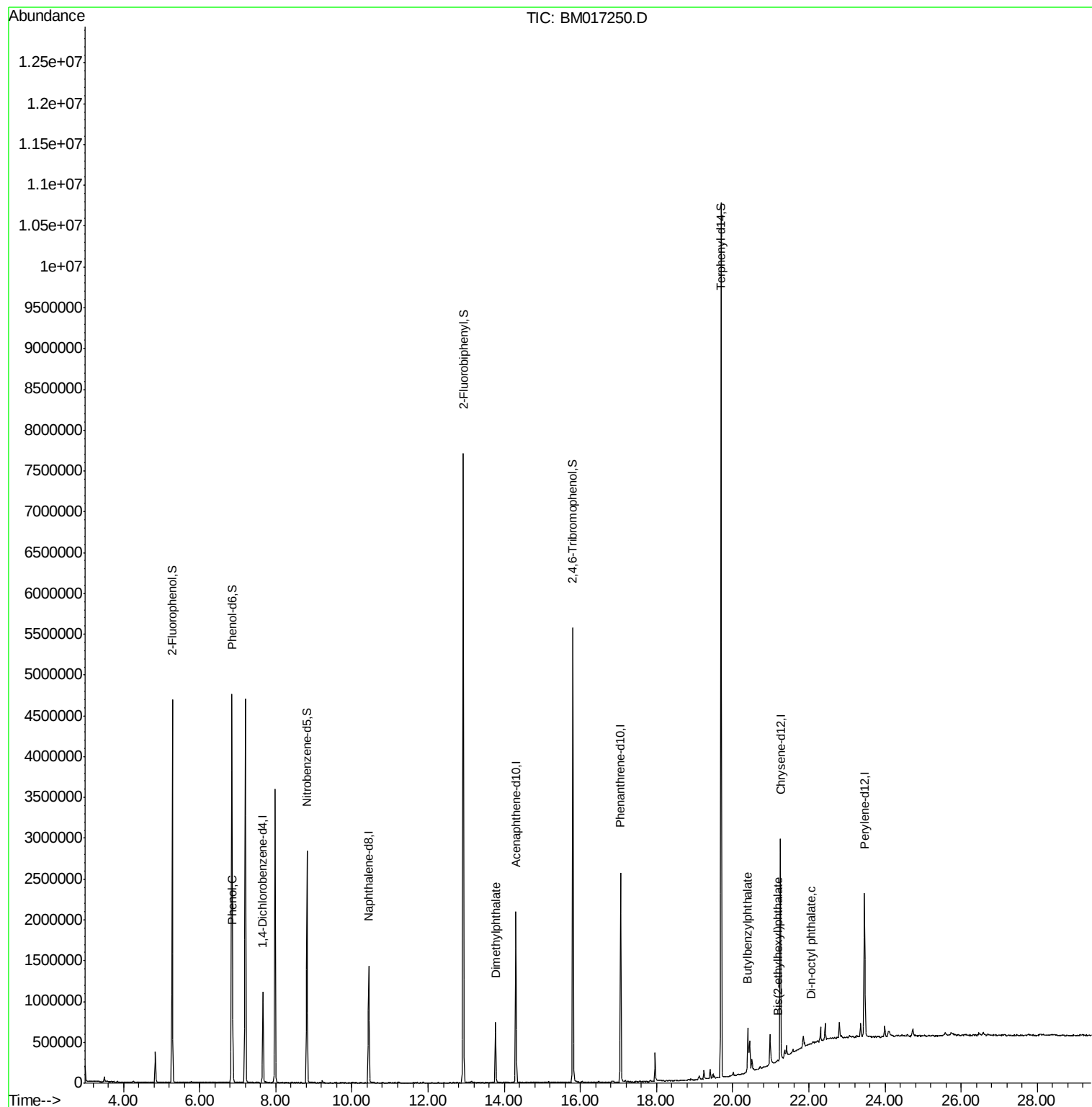
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	291462	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1195749	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	708079	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1505661	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1286253	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1237601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1883090	109.27	ng	0.00
7) Phenol-d6	6.85	99	2637465	112.38	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1609541	78.72	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1042555	108.87	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3961691	74.44	ng	-0.01
79) Terphenyl-d14	19.69	244	4900925	85.88	ng	-0.01
Target Compounds						
10) Phenol	6.87	94	227038	8.988	ng	96
50) Dimethylphthalate	13.77	163	485627	8.890	ng	99
80) Butylbenzylphthalate	20.39	149	2003	7.238	ng	# 63
84) Bis(2-ethylhexyl)phthalate	21.17	149	5213	5.419	ng	# 88
85) Di-n-octyl phthalate	22.06	149	3301	5.613	ng	# 78

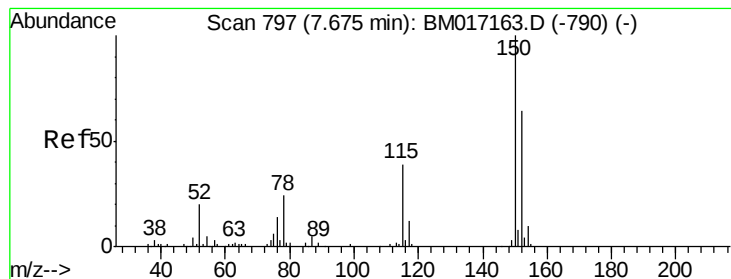
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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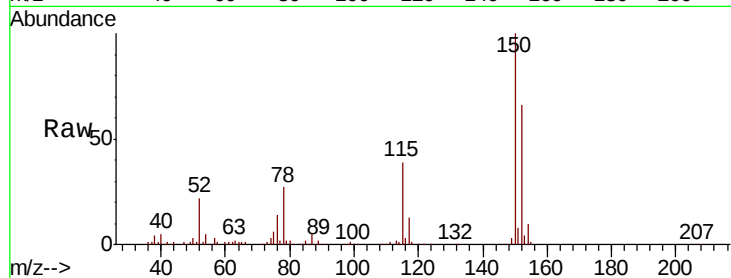


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.3	186.5
115	59.7	48.1	72.1

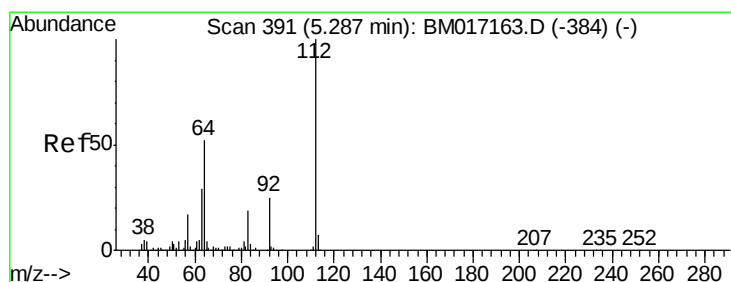
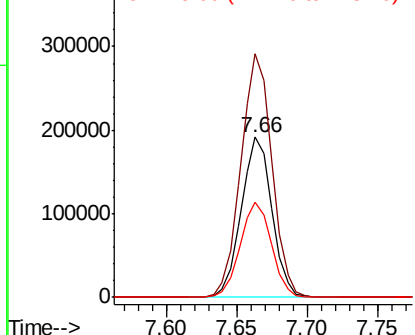
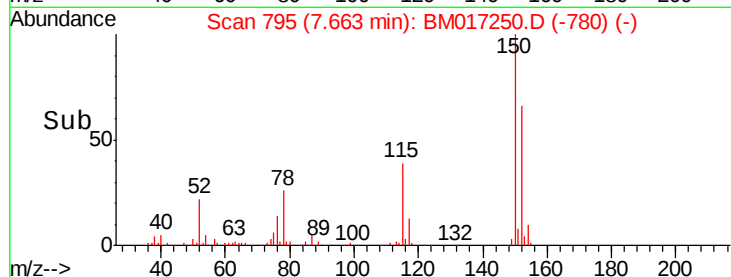


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

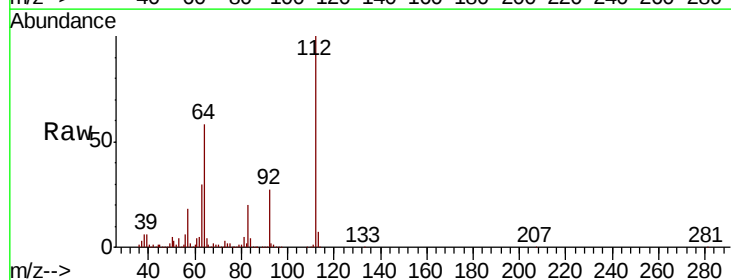
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.274 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	41.7	62.5
63	30.2	23.0	34.4

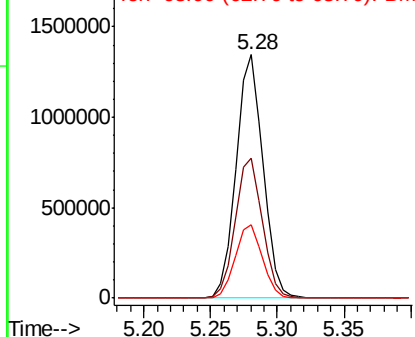
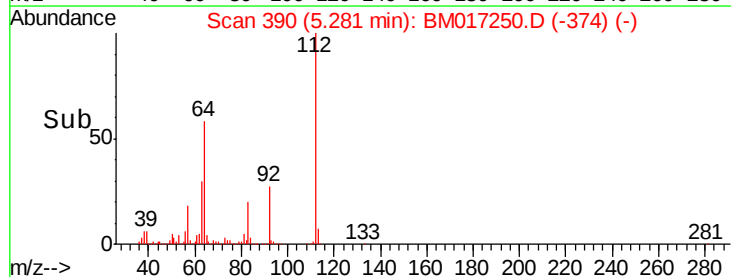


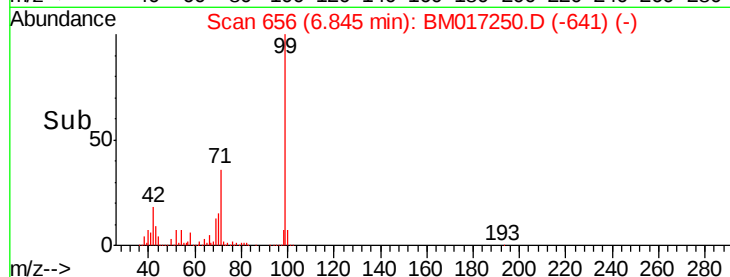
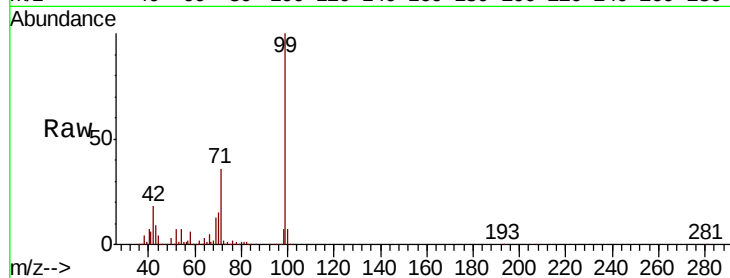
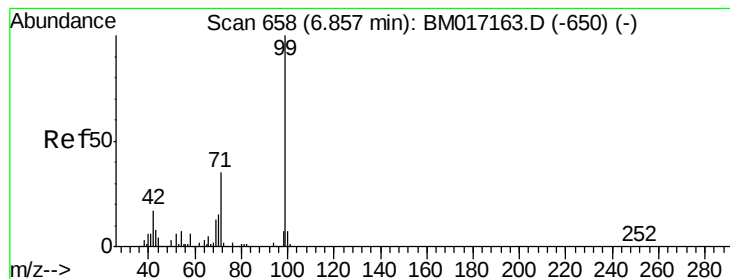
Abundance

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: 112.376 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

Instrument :

BNA_M

ClientSampleId :

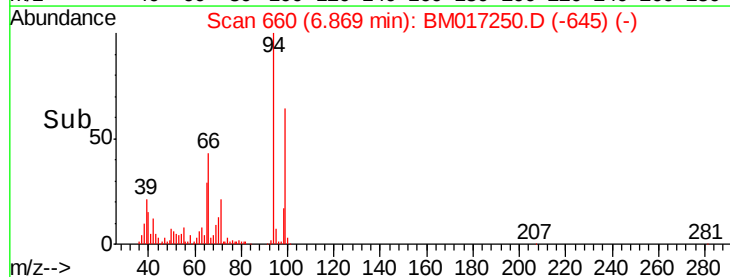
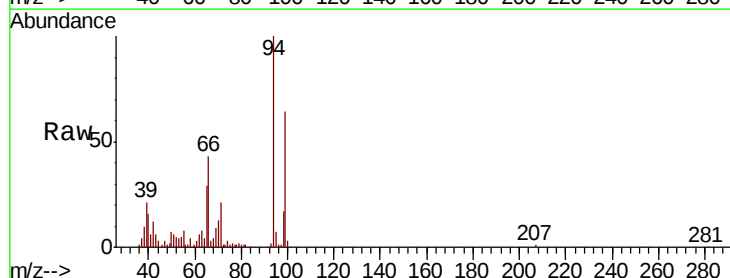
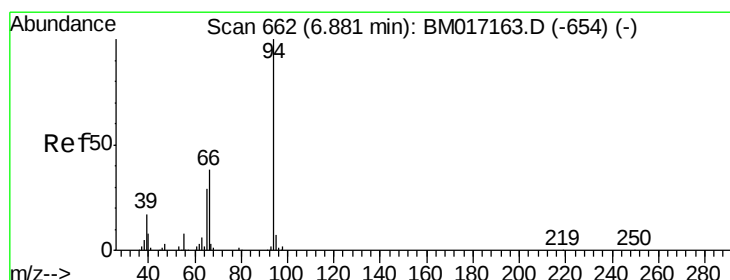
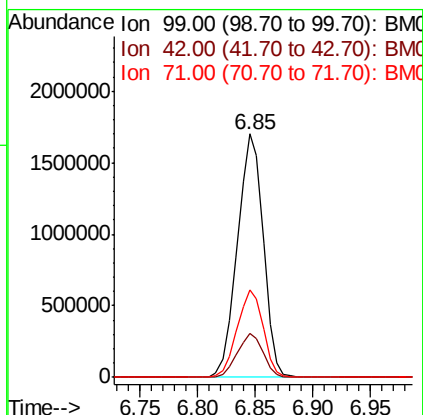
Tot Ion: 99 Resp: 2637465

Ion Ratio Lower Upper

99 100

42 17.9 13.3 19.9

71 36.1 28.0 42.0



#10

Phenol

Concen: 8.988 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

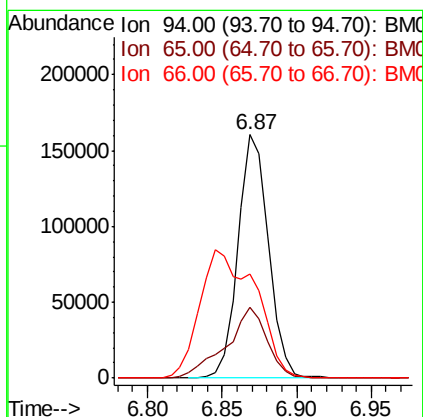
Tgt Ion: 94 Resp: 227038

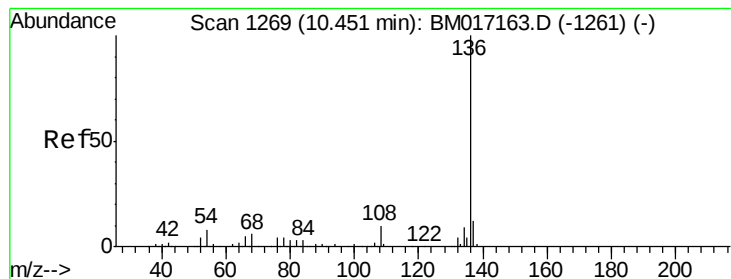
Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

66 42.9 19.0 59.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1195749

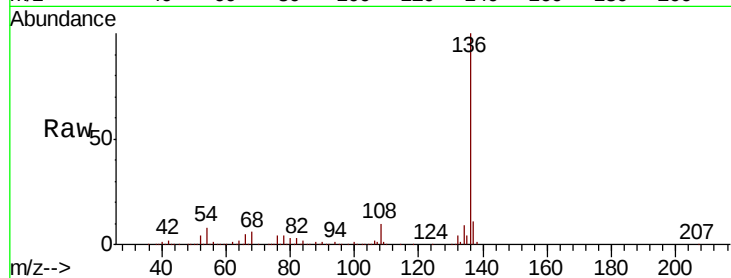
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.8 6.7 10.1

68 5.8 4.7 7.1

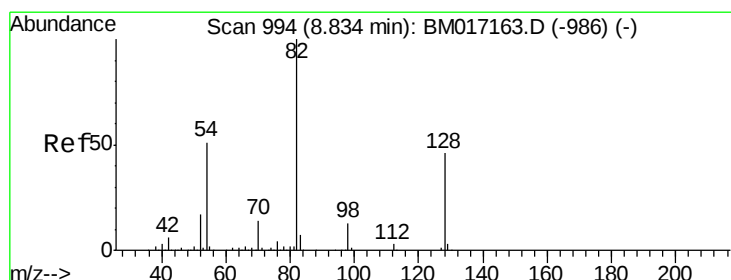
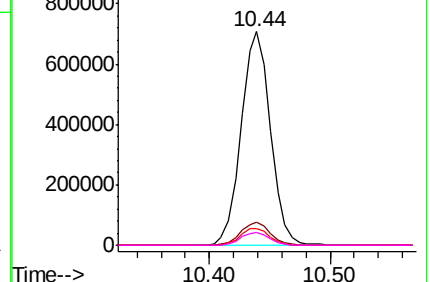
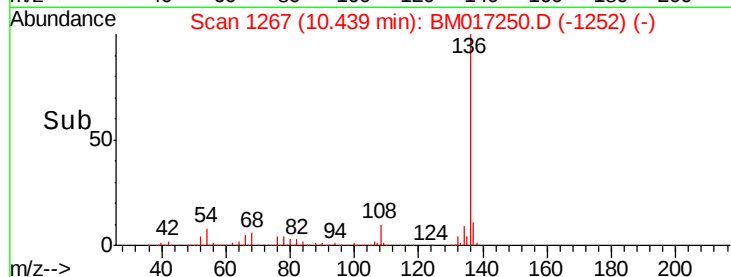


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.725 ng

RT: 8.82 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

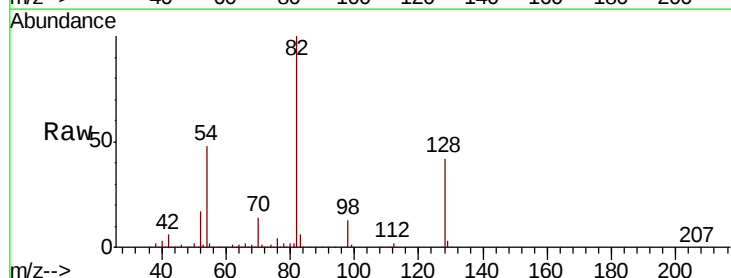
Tgt Ion: 82 Resp: 1609541

Ion Ratio Lower Upper

82 100

128 41.8 37.0 55.6

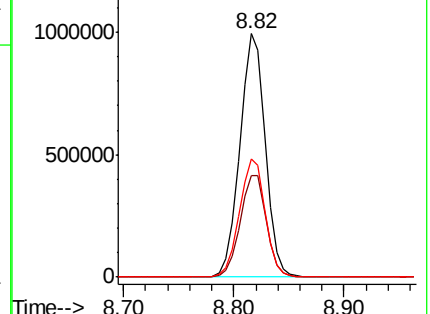
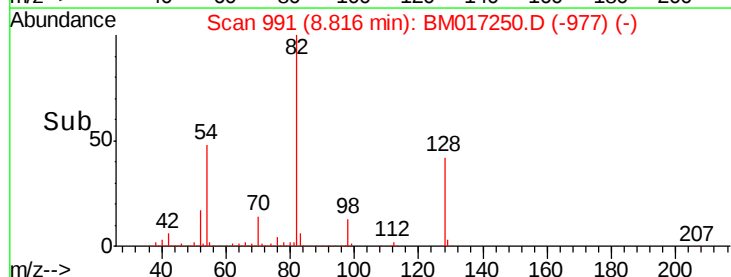
54 48.4 40.7 61.1

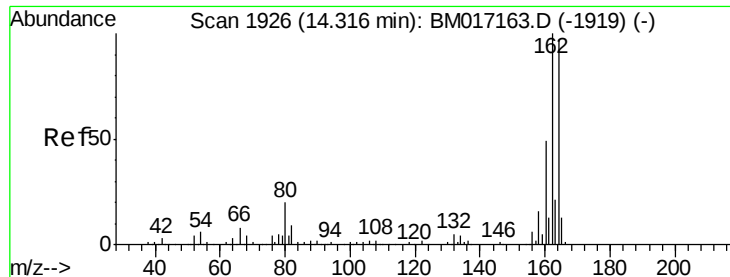


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM

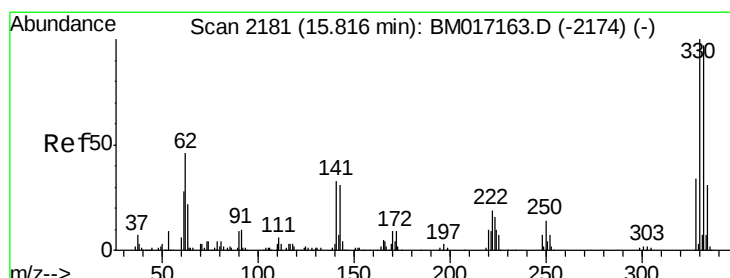
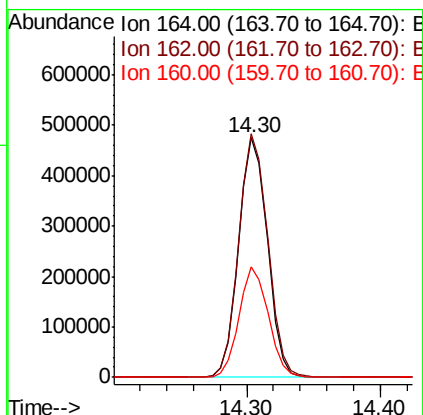
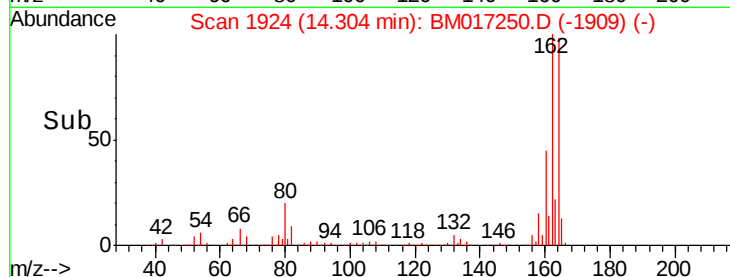
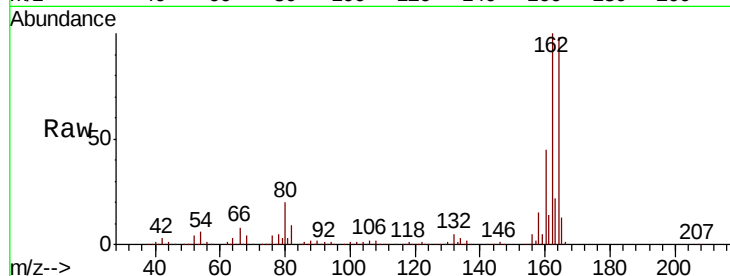




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

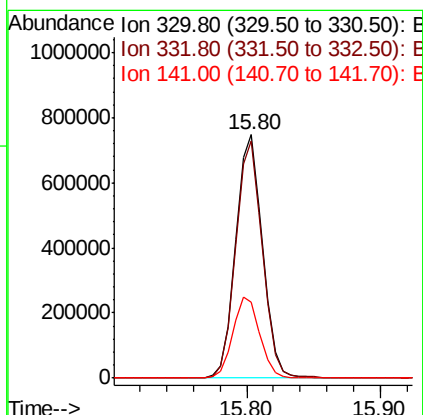
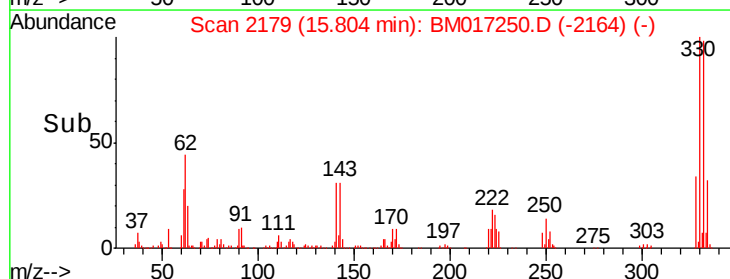
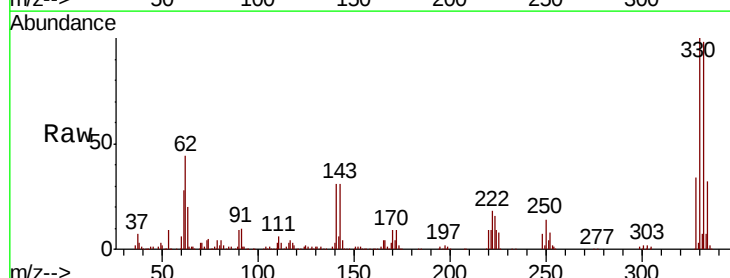
Instrument :
BNA_M
ClientSampleId :

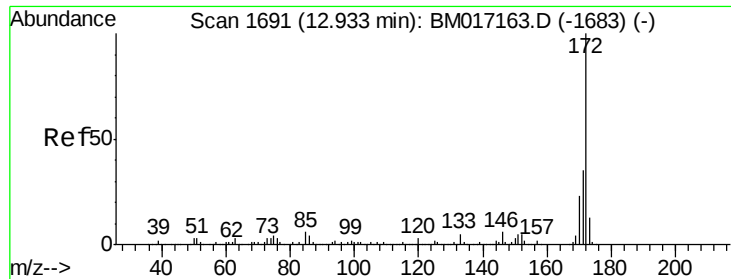
Tot Ion:164 Resp: 708079
Ion Ratio Lower Upper
164 100
162 101.6 82.1 123.1
160 46.1 40.2 60.2



#42
2,4,6-Tribromophenol
Concen: 108.875 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Tgt Ion:330 Resp: 1042555
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 33.9 27.4 41.0

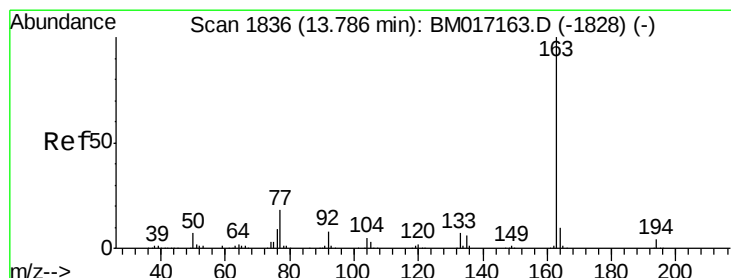
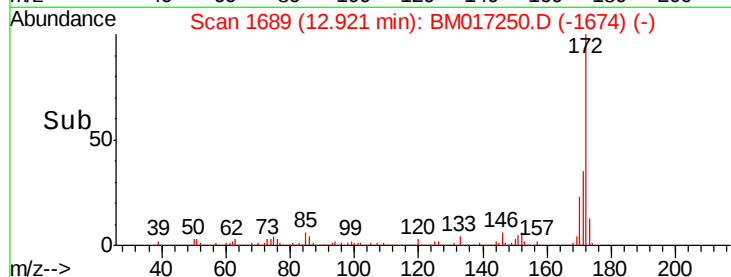
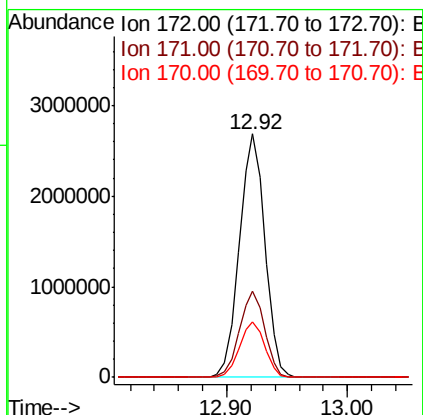
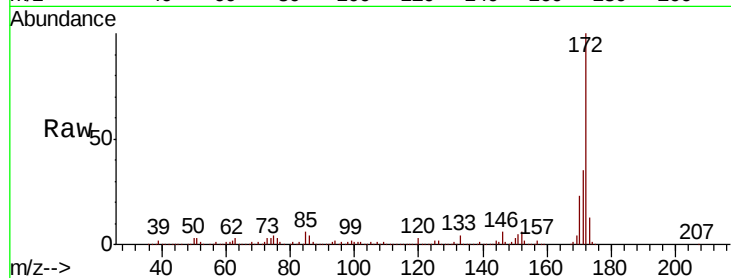




#45
2-Fluorobiphenyl
Concen: 74.444 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

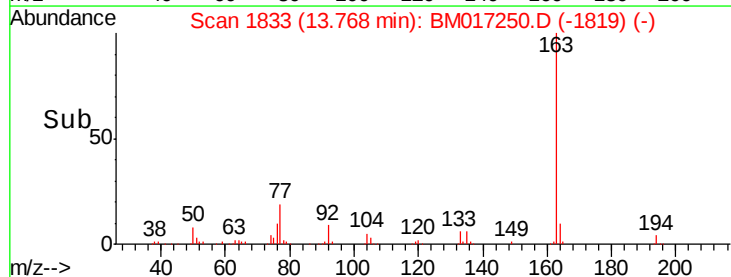
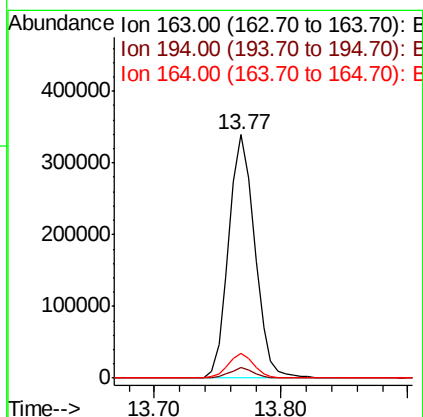
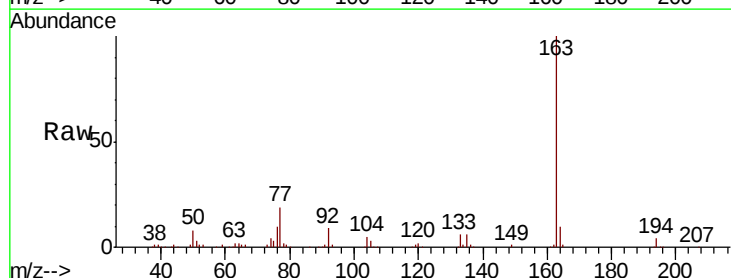
Instrument :
BNA_M
ClientSampleId :

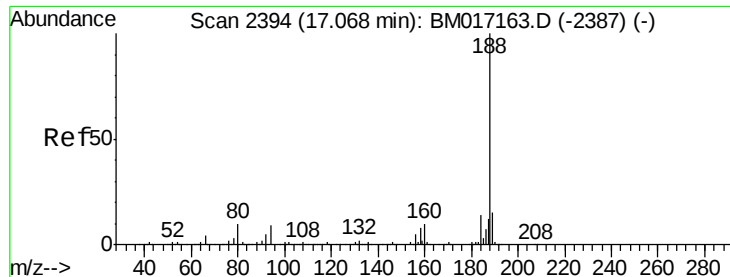
Tot Ion:172 Resp: 3961691
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 22.9 18.3 27.5



#50
Dimethylphthalate
Concen: 8.890 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Tgt Ion:163 Resp: 485627
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 10.0 7.8 11.8

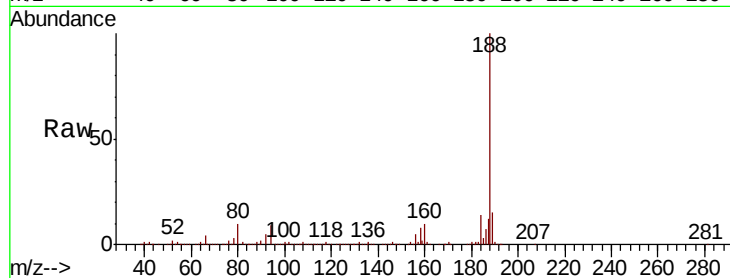




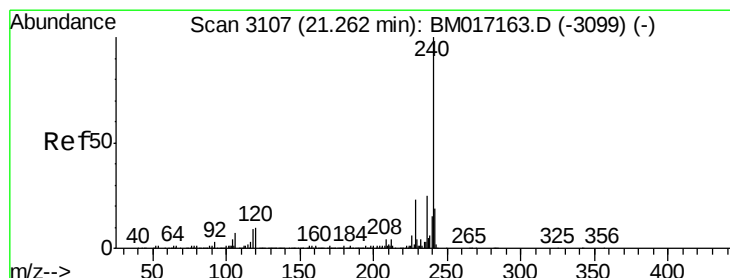
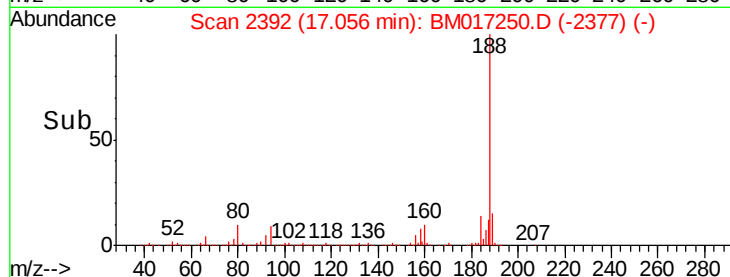
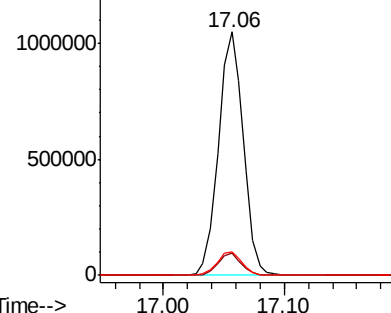
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:188 Resp: 1505661
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.5 7.7 11.5

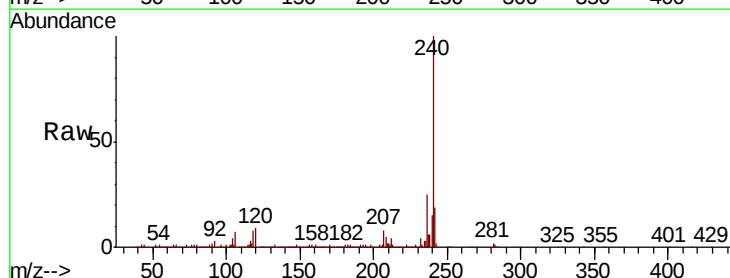


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

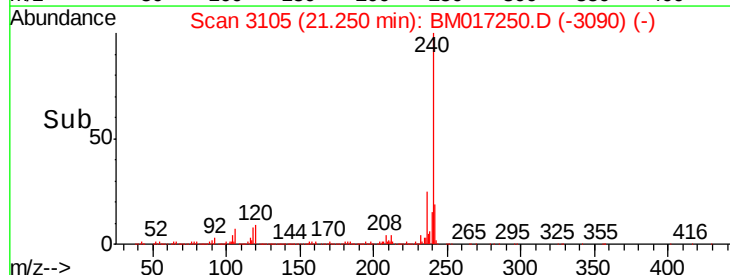
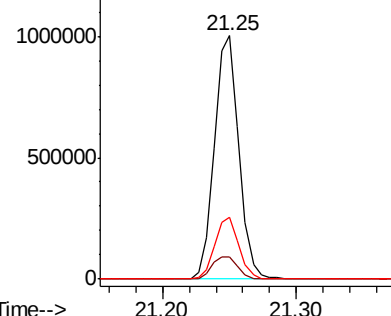


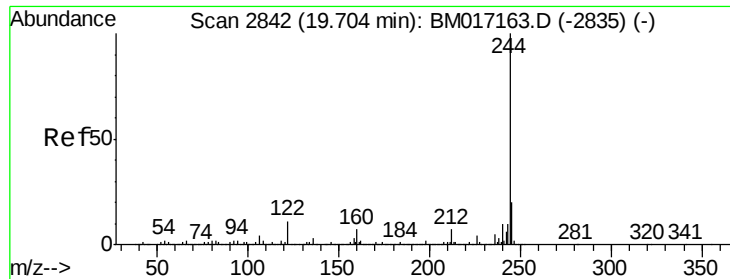
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017250.D
Acq: 20 Oct 2018 04:48

Tgt Ion:240 Resp: 1286253
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 25.4 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: 85.883 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

Instrument :

BNA_M

ClientSampled :

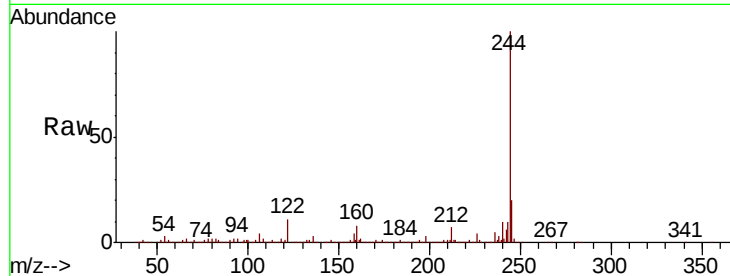
Tot Ion:244 Resp: 4900925

Ion Ratio Lower Upper

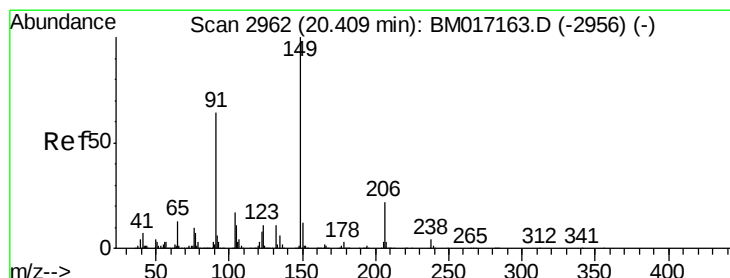
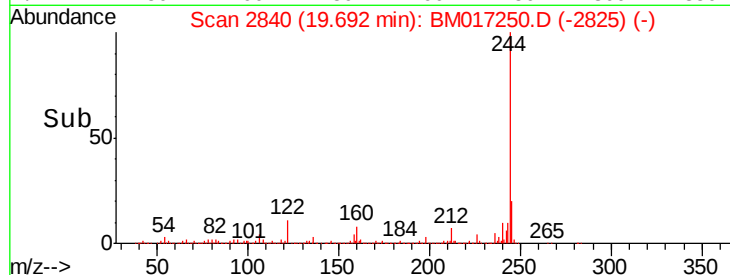
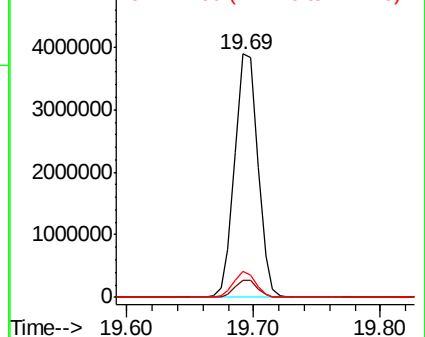
244 100

212 7.3 5.5 8.3

122 10.9 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: 7.238 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

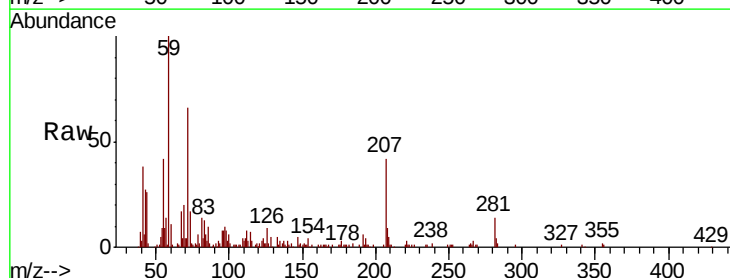
Tgt Ion:149 Resp: 2003

Ion Ratio Lower Upper

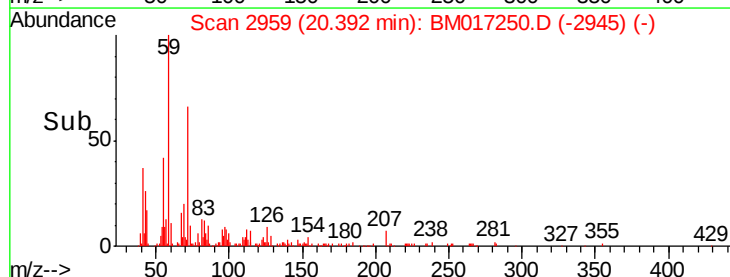
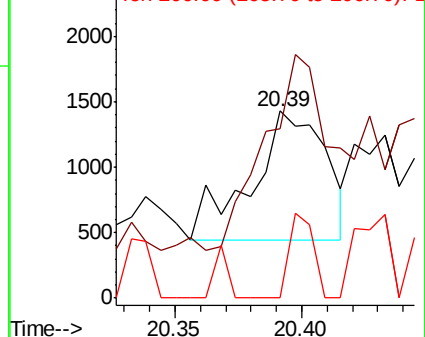
149 100

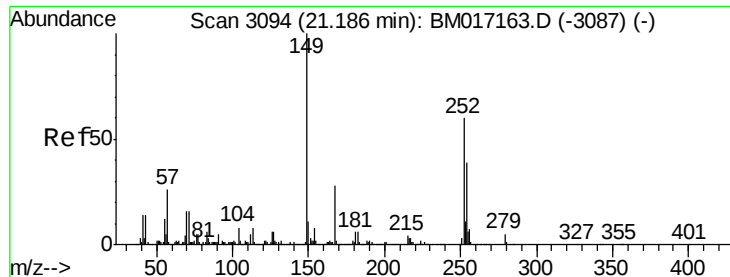
91 90.6 51.3 76.9#

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: 5.419 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

Instrument :

BNA_M

ClientSampleId :

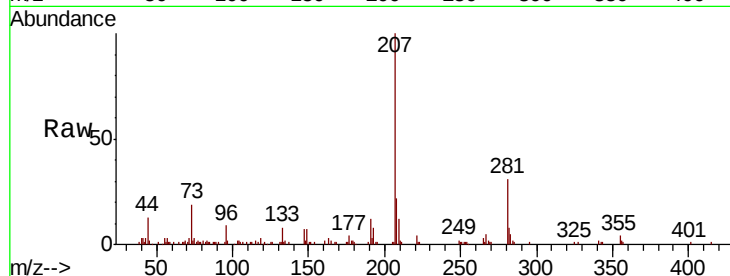
Tot Ion:149 Resp: 5213

Ion Ratio Lower Upper

149 100

167 21.6 22.2 33.4#

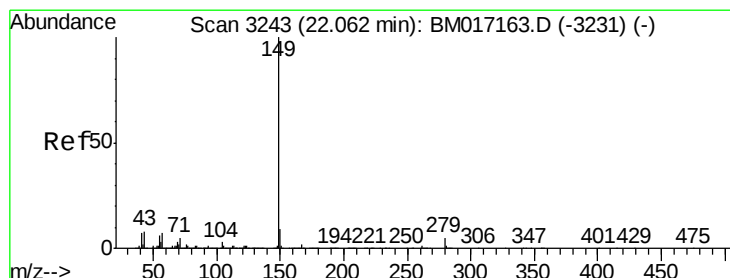
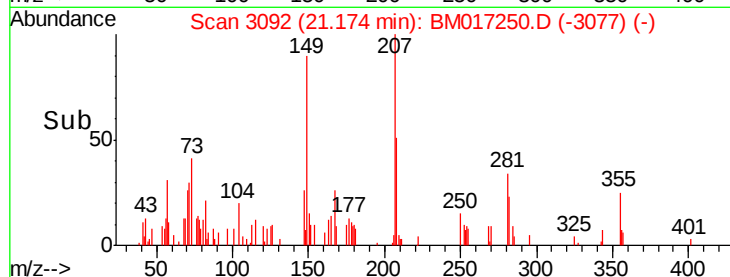
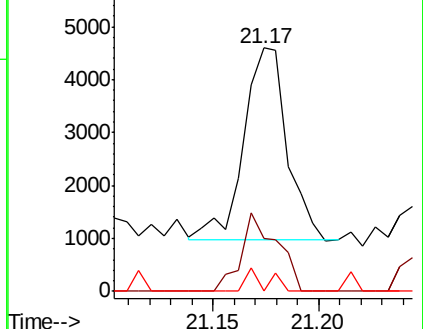
279 0.0 3.6 5.4#



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: 5.613 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM017250.D

Acq: 20 Oct 2018 04:48

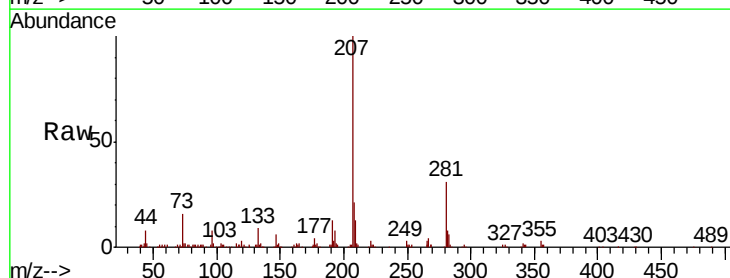
Tgt Ion:149 Resp: 3301

Ion Ratio Lower Upper

149 100

167 3.5 1.4 2.0#

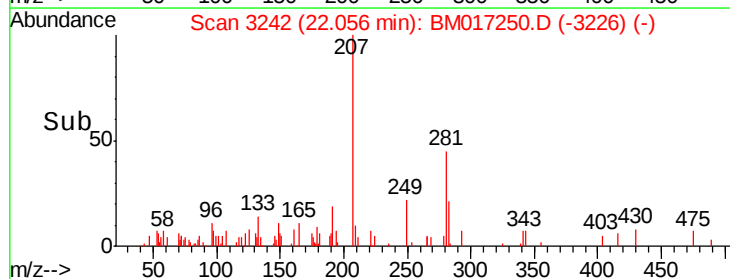
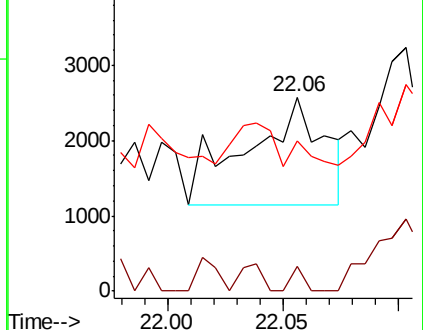
43 0.0 7.2 10.8#

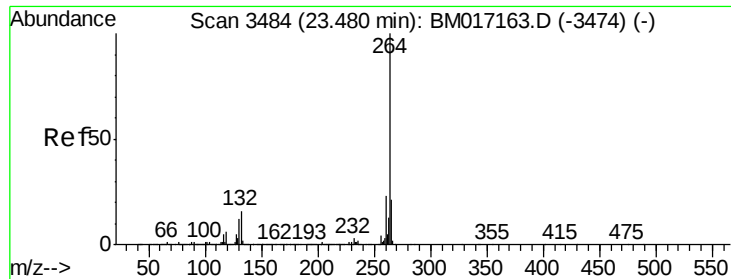


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



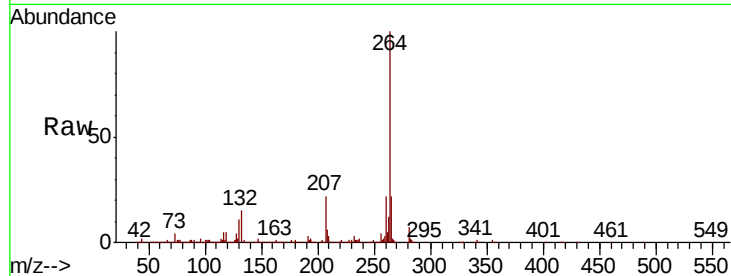


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.46 min Scan# 3481
 Delta R.T. -0.02 min
 Lab File: BM017250.D
 Acq: 20 Oct 2018 04:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:264 Resp: 1237601

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	22.3	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

