

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017241.D
 Acq On : 19 Oct 2018 21:53
 Operator : MJ/SJ
 Sample : J5574-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:54:37 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	342218	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1374082	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	804678	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1712129	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1404712	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1233604	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	3285148	162.36	ng	0.00
7) Phenol-d6	6.85	99	4477409	162.48	ng	0.00
23) Nitrobenzene-d5	8.82	82	2725660	116.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1773530	162.98	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	5832502	96.44	ng	-0.01
79) Terphenyl-d14	19.70	244	6669798	107.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	109	0.011	ng	# 1
3) Pyridine	3.58	79	107	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.58	42	1345	0.141	ng	# 1
8) 2-Chlorophenol	7.23	128	989	0.042	ng	# 1
9) Benzaldehyde	6.85	77	10138	0.577	ng	# 1
10) Phenol	6.87	94	206898	6.976	ng	92
15) Benzyl Alcohol	7.98	79	35491	1.762	ng	# 52
16) 2,2'-oxybis(1-Chloropropan	8.18	45	151	0.005	ng	66
20) 3+4-Methylphenols	8.45	107	283	0.011	ng	# 20
22) Acetophenone	8.48	105	517	0.015	ng	# 53
24) Nitrobenzene	8.82	77	10334	0.416	ng	# 33
25) Isophorone	9.36	82	107	0.003	ng	# 63
46) 1,1'-Biphenyl	13.14	154	8668	0.120	ng	98
50) Dimethylphthalate	13.77	163	822470	13.248	ng	100
52) Acenaphthene	14.30	154	2946	0.061	ng	# 4
60) Diethylphthalate	15.14	149	2676	0.043	ng	# 73
63) Azobenzene	15.68	77	306	0.005	ng	# 48
71) Phenanthrene	17.10	178	1227	0.013	ng	# 60
74) Di-n-butylphthalate	18.03	149	10692	0.113	ng	# 94
75) Fluoranthene	19.13	202	1212	0.012	ng	65
78) Pyrene	19.49	202	1230	0.016	ng	# 58
80) Butylbenzylphthalate	20.39	149	1040	7.206	ng	# 71
81) Benzo(a)anthracene	21.24	228	4983	0.063	ng	# 79
82) 3,3'-Dichlorobenzidine	21.20	252	993	0.034	ng	# 25
83) Chrysene	21.29	228	1203	0.015	ng	# 50
84) Bis(2-ethylhexyl)phthalate	21.17	149	3956	5.385	ng	# 95
85) Di-n-octyl phthalate	22.04	149	1224	5.585	ng	# 32
86) Indeno(1,2,3-cd)pyrene	25.71	276	121	0.001	ng	# 1
88) Benzo(b)fluoranthene	22.80	252	1127	0.017	ng	# 1
89) Benzo(k)fluoranthene	22.80	252	1127	0.017	ng	# 1
90) Benzo(a)pyrene	23.37	252	813	0.013	ng	# 1
92) Benzo(a,h,i)perylene	26.37	276	109	0.002	ng	# 54

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017241.D
Acq On : 19 Oct 2018 21:53
Operator : MJ/SJ
Sample : J5574-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 20 03:54:37 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

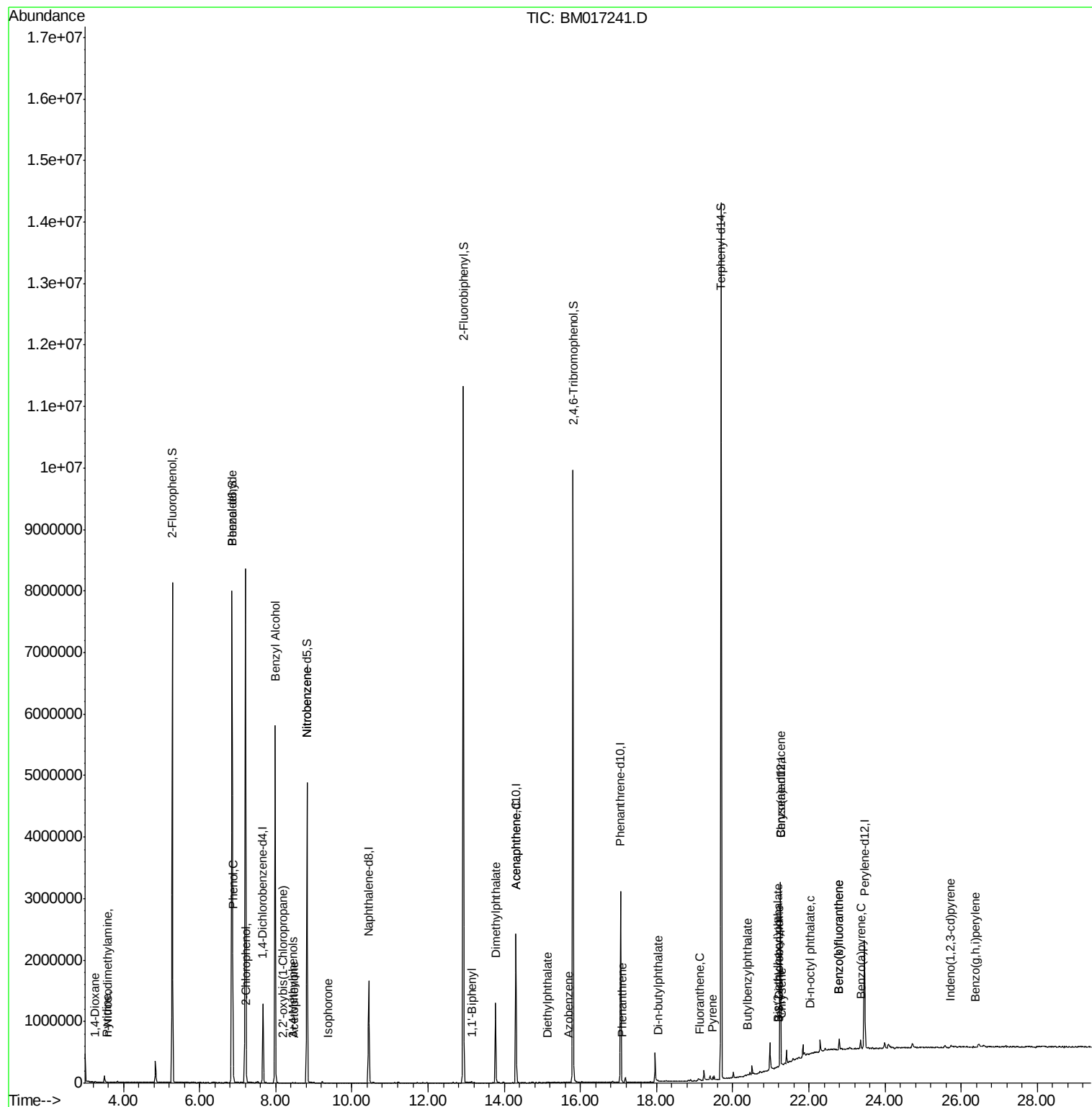
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

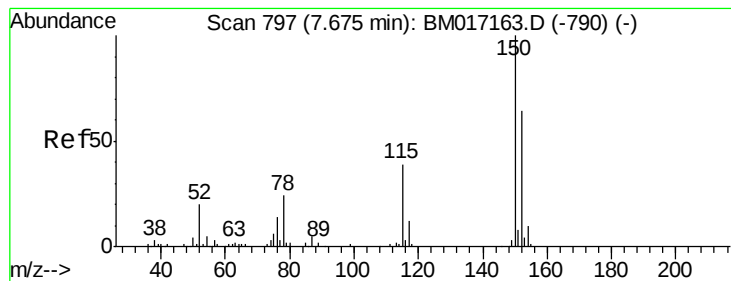
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
Data File : BM017241.D
Acq On : 19 Oct 2018 21:53
Operator : MJ/SJ
Sample : J5574-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 20 03:54:37 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 795

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

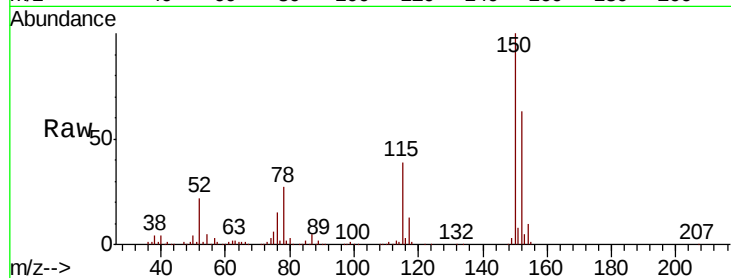
Tot Ion:152 Resp: 342218

Ion Ratio Lower Upper

152 100

150 158.7 124.3 186.5

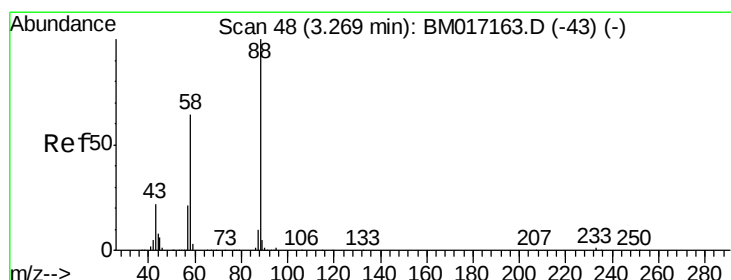
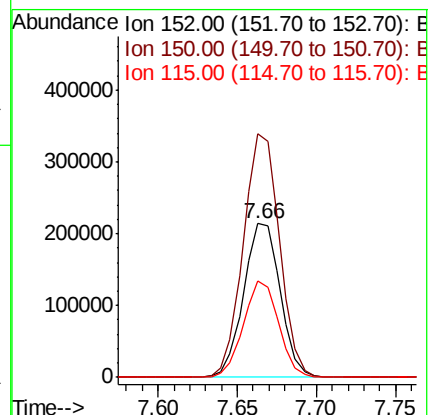
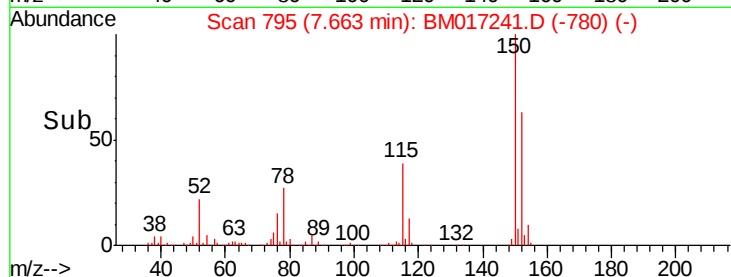
115 62.6 48.1 72.1



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



#2

1,4-Dioxane

Concen: 0.011 ng

RT: 3.26 min Scan# 46

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

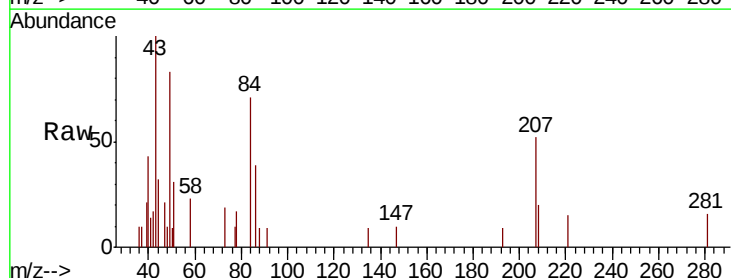
Tgt Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

58 356.9 50.2 75.4#

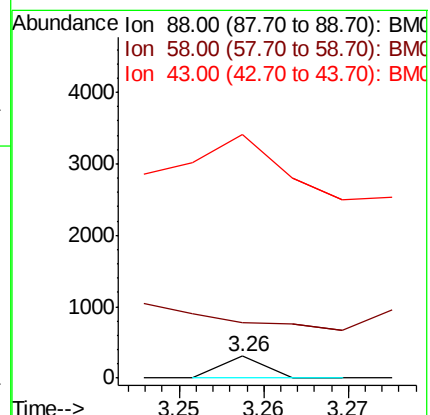
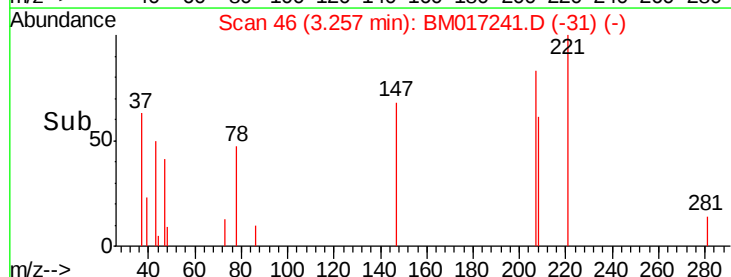
43 1098.2 19.3 28.9#

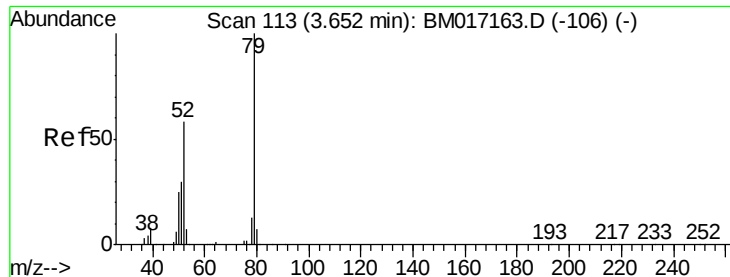


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.005 ng

RT: 3.58 min Scan# 100

Delta R.T. -0.08 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

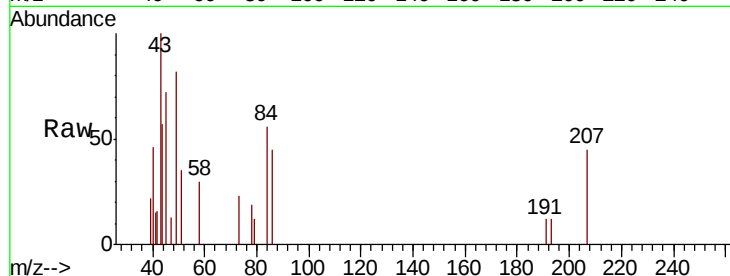
Tot Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 46.5 69.7#

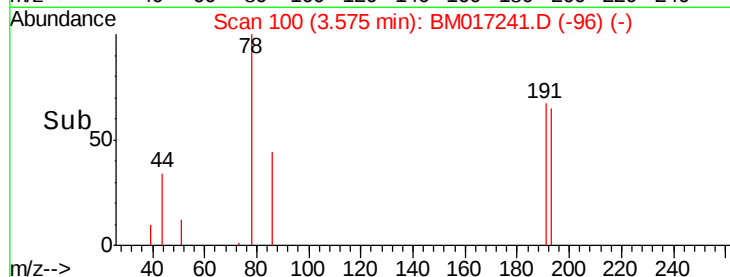
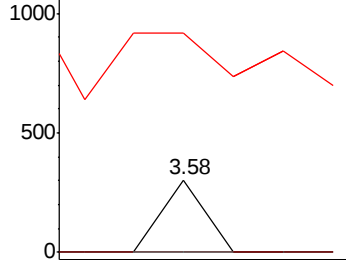
51 303.3 24.6 37.0#



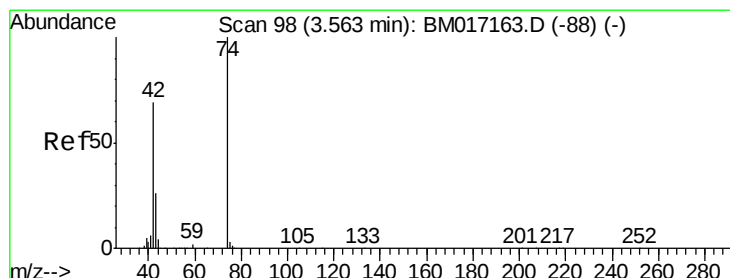
Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.141 ng

RT: 3.58 min Scan# 101

Delta R.T. 0.02 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

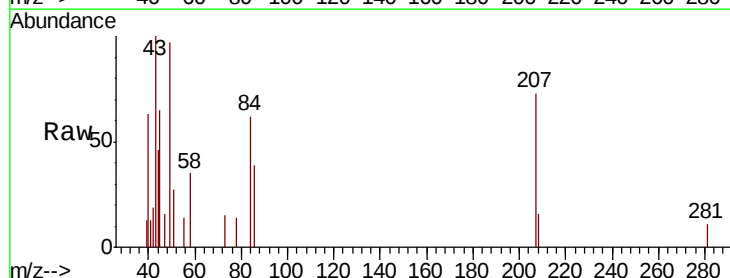
Tgt Ion: 42 Resp: 1345

Ion Ratio Lower Upper

42 100

74 0.0 114.4 171.6#

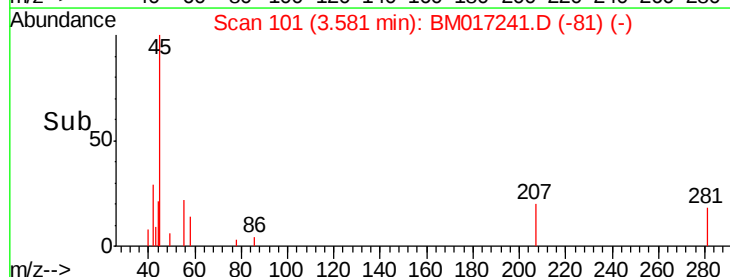
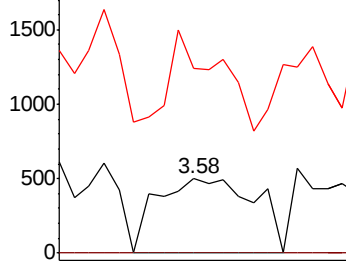
44 247.7 48.6 73.0#

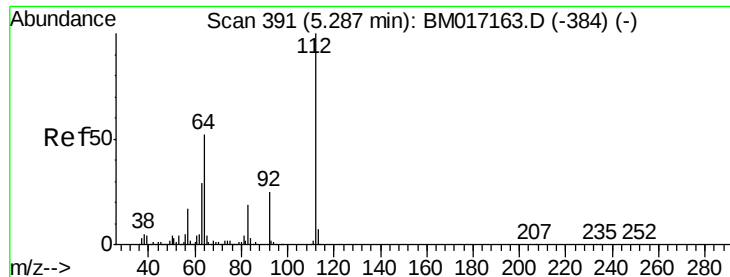


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 162.361 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

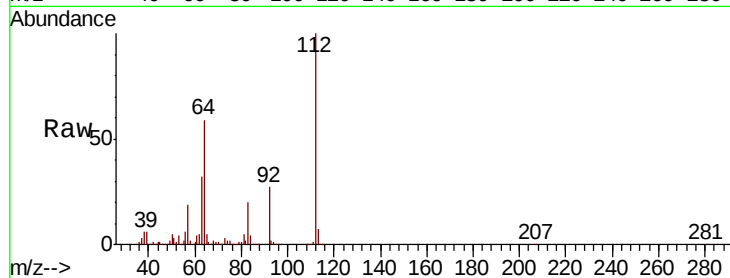
Tot Ion:112 Resp: 3285148

Ion Ratio Lower Upper

112 100

64 59.5 41.7 62.5

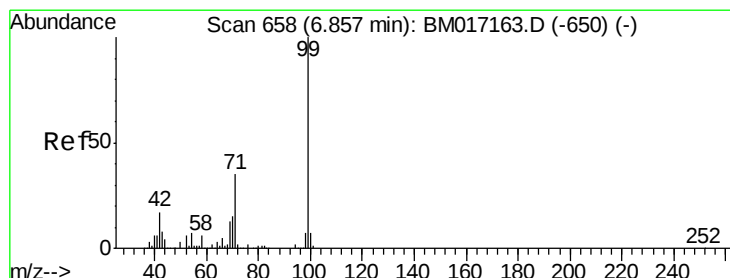
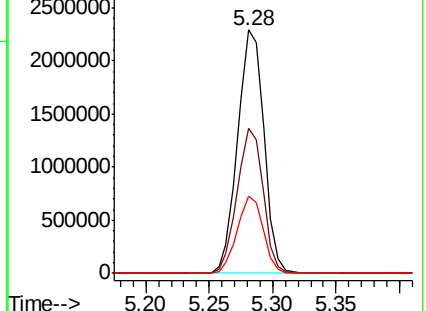
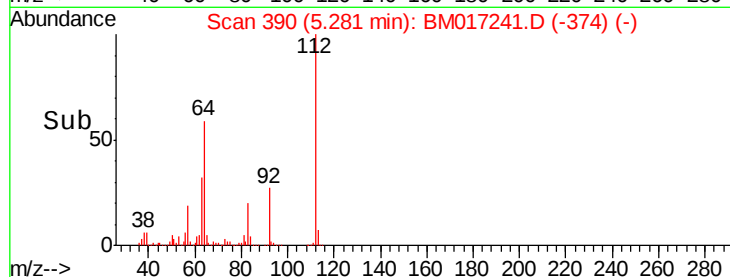
63 31.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 162.478 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

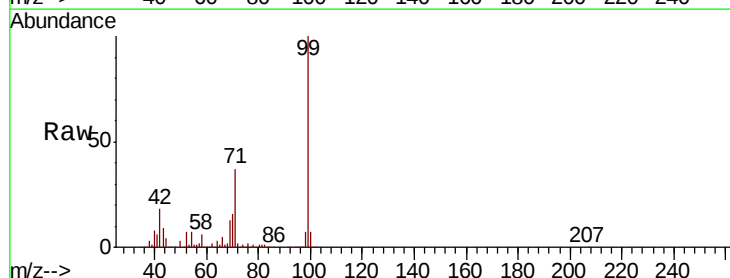
Tgt Ion: 99 Resp: 4477409

Ion Ratio Lower Upper

99 100

42 18.1 13.3 19.9

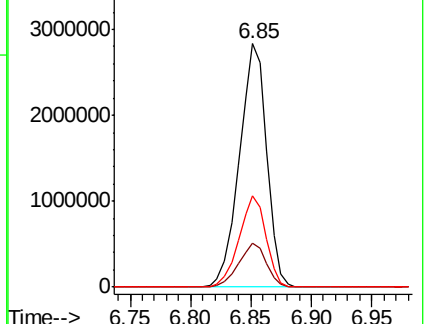
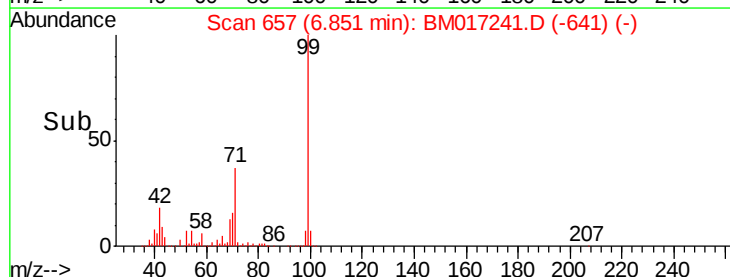
71 37.3 28.0 42.0

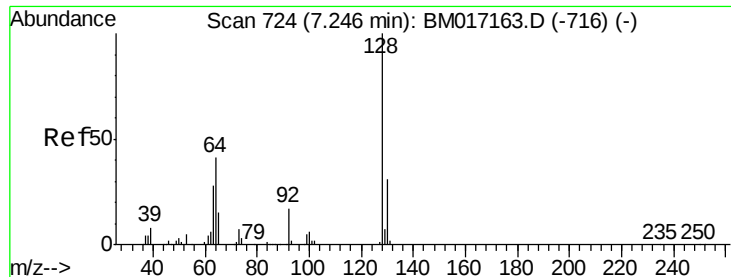


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.042 ng

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

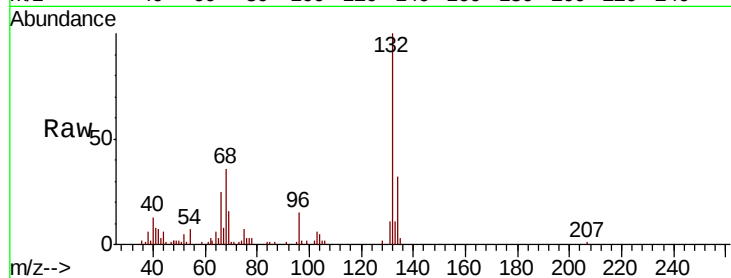
Tot Ion:128 Resp: 989

Ion Ratio Lower Upper

128 100

130 0.0 11.0 51.0#

64 374.3 24.1 64.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM

150000

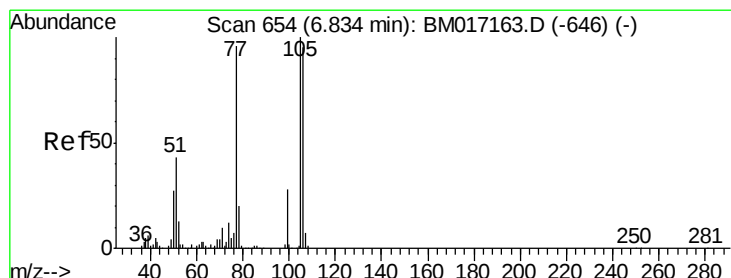
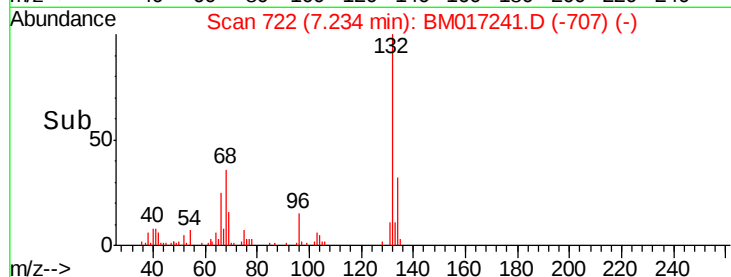
100000

50000

0

7.20 7.23 7.25

Time-->



#9

Benzaldehyde

Concen: 0.577 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.02 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

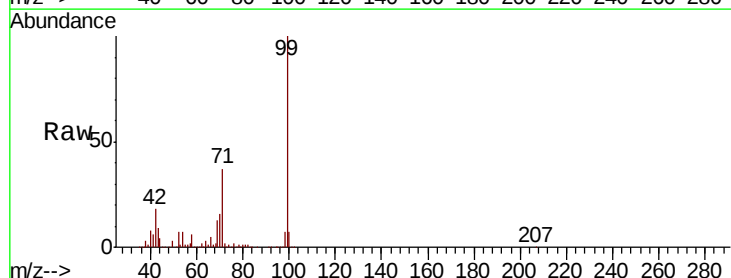
Tgt Ion: 77 Resp: 10138

Ion Ratio Lower Upper

77 100

105 0.0 83.9 123.9#

106 0.0 78.2 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6000

5000

4000

3000

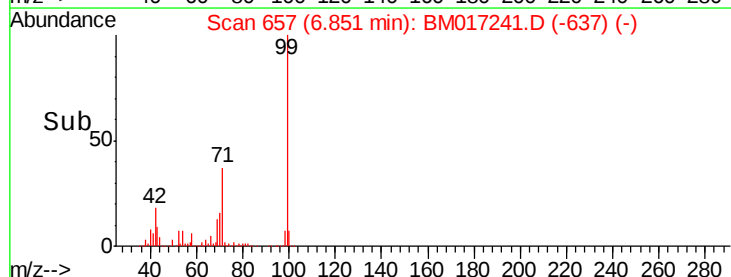
2000

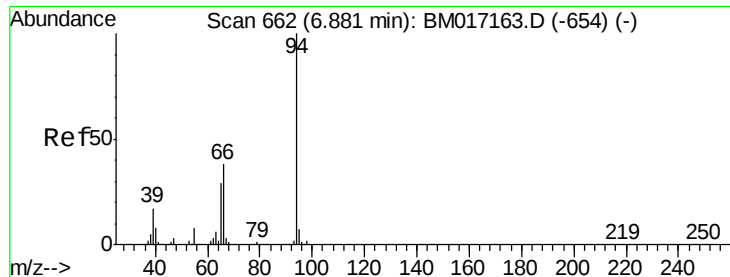
1000

0

6.80 6.85 6.90

Time-->





#10

Phenol

Concen: 6.976 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

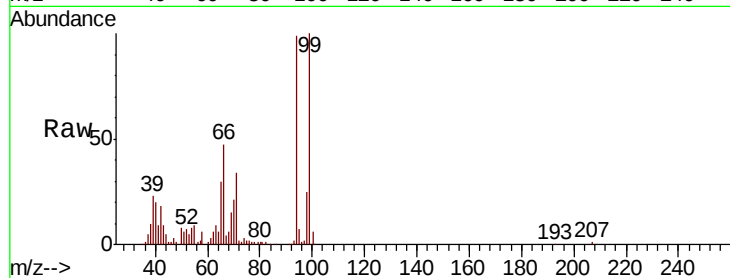
Tot Ion: 94 Resp: 206898

Ion Ratio Lower Upper

94 100

65 29.9 9.4 49.4

66 47.4 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

150000

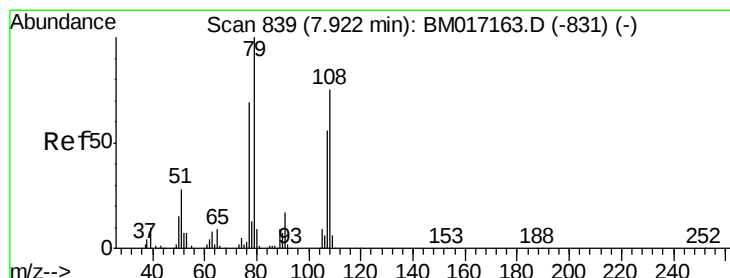
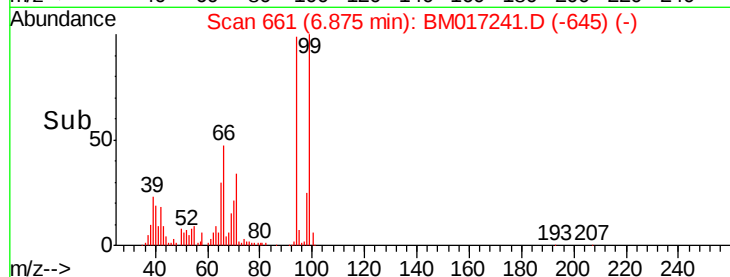
100000

50000

0

6.80 6.85 6.90 6.95

Time-->



#15

Benzyl Alcohol

Concen: 1.762 ng

RT: 7.98 min Scan# 849

Delta R.T. 0.06 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

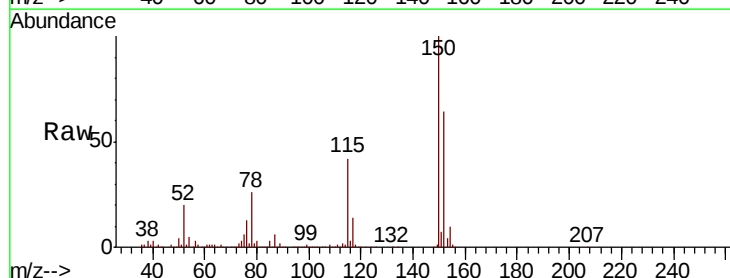
Tgt Ion: 79 Resp: 35491

Ion Ratio Lower Upper

79 100

108 34.8 60.3 90.5#

77 107.9 54.8 82.2#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)

7.98

40000

30000

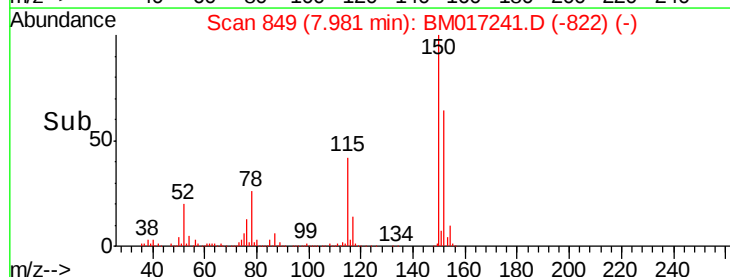
20000

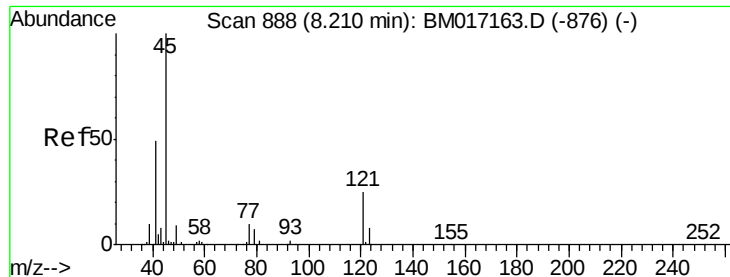
10000

0

7.94 7.96 7.98 8.00

Time-->

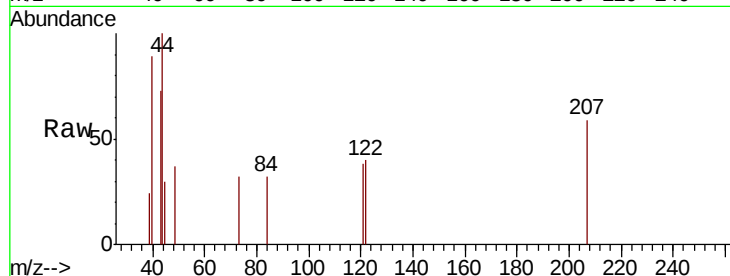




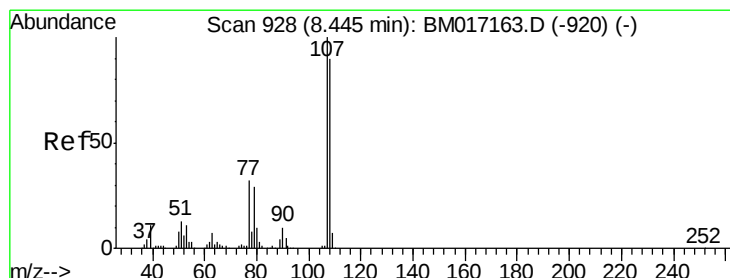
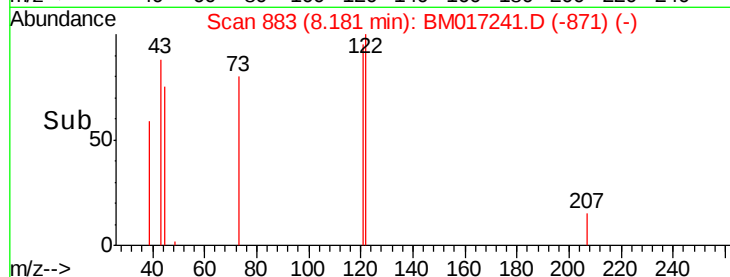
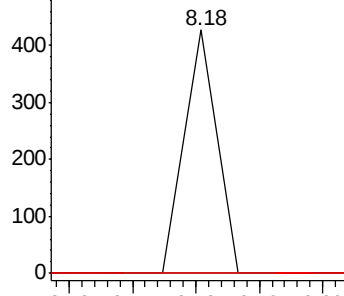
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.005 ng
RT: 8.18 min Scan# 883
Delta R.T. -0.03 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.5
79	0.0	0.0	32.1

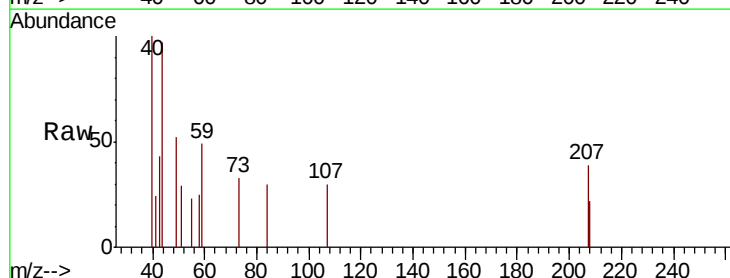


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)
Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)
Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

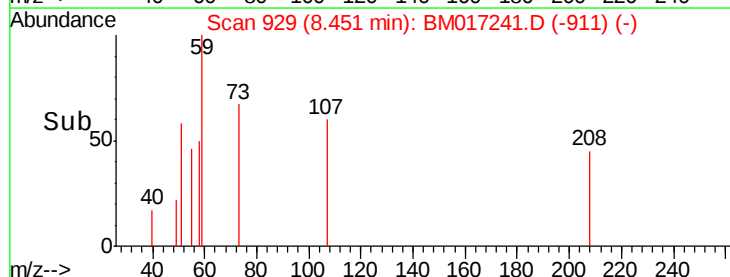
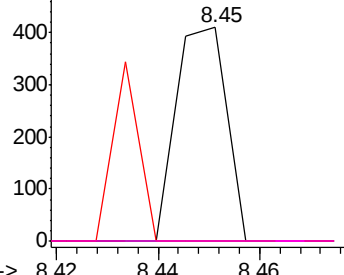


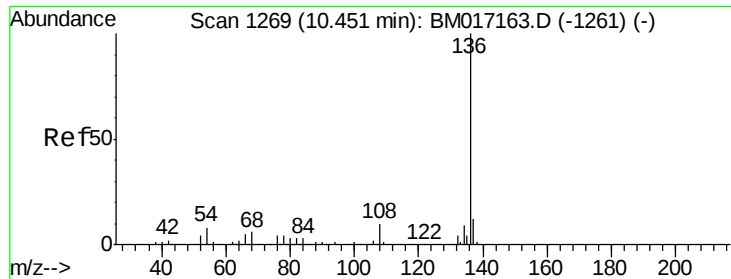
#20
3+4-Methylphenols
Concen: 0.011 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	0.0	69.9	109.9#
77	0.0	12.2	52.2#
79	0.0	9.0	49.0#



Abundance Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)
Ion 108.00 (107.70 to 108.70): BM017163.D (-920) (-)
Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)
Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1374082

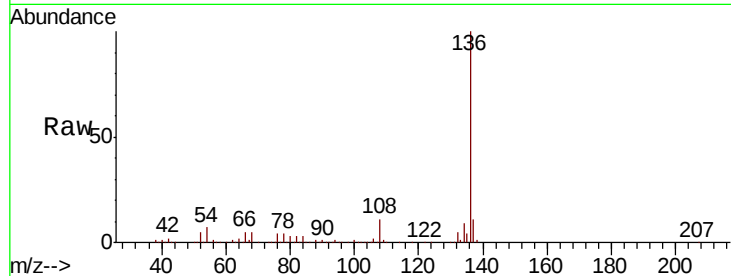
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.4 6.7 10.1

68 5.4 4.7 7.1

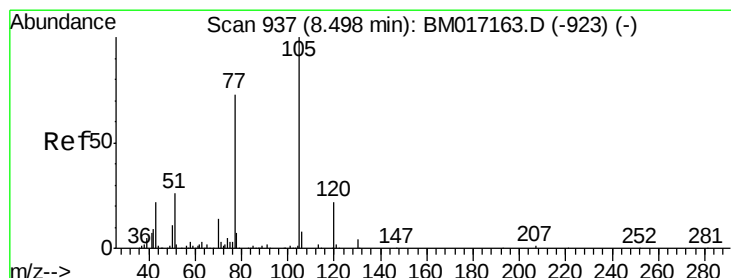
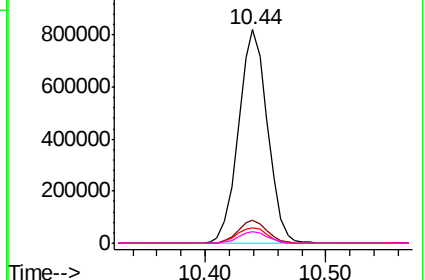
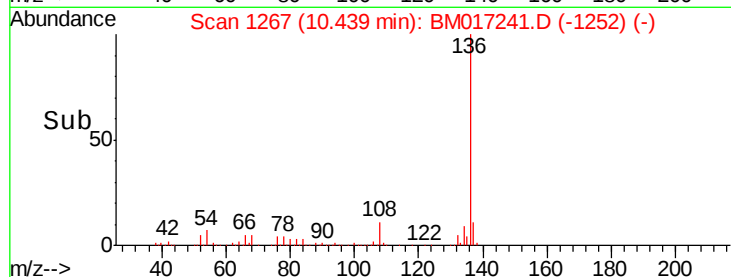


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 0.015 ng

RT: 8.48 min Scan# 934

Delta R.T. -0.02 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Tgt Ion:105 Resp: 517

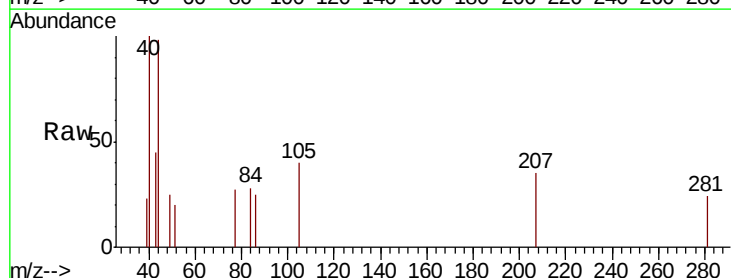
Ion Ratio Lower Upper

105 100

71 0.0 2.0 3.0#

51 51.9 20.6 31.0#

120 0.0 17.5 26.3#

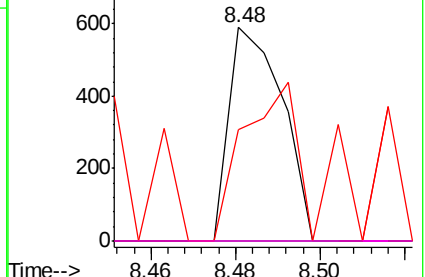
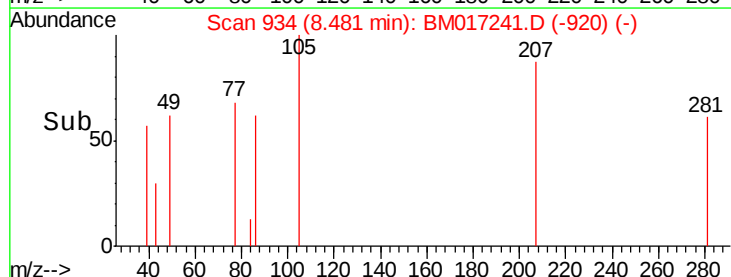


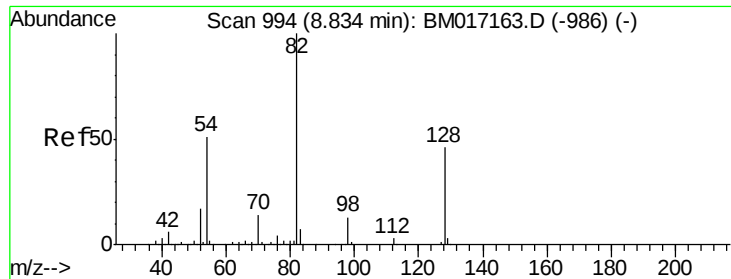
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

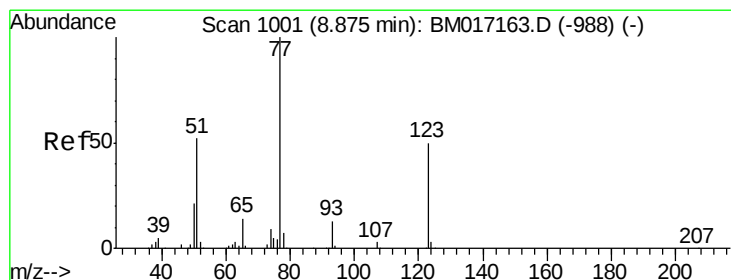
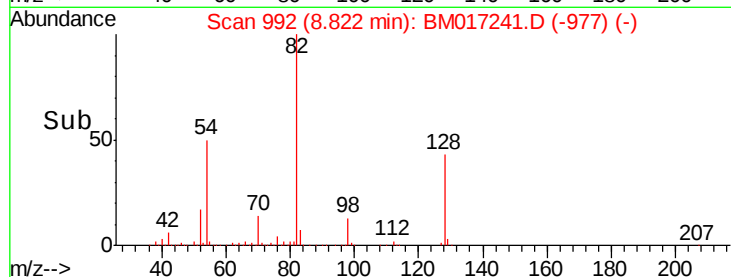
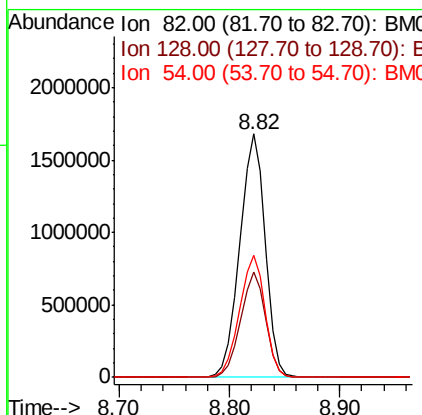
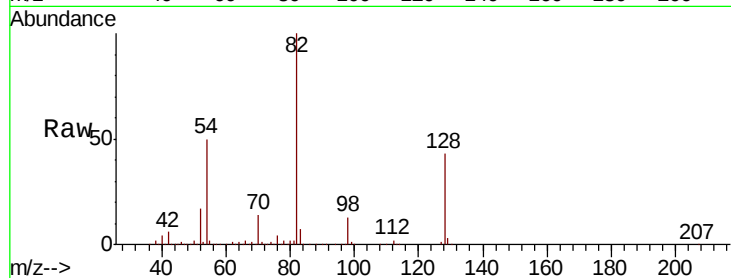




#23
Nitrobenzene-d5
Concen: 116.013 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

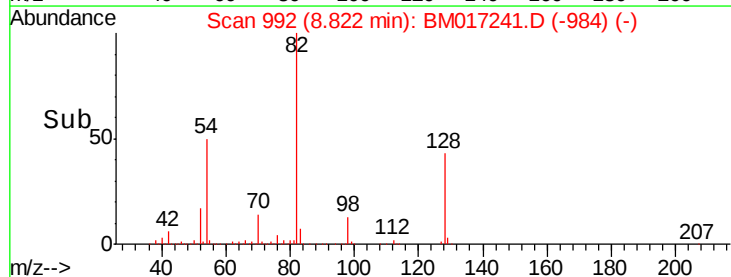
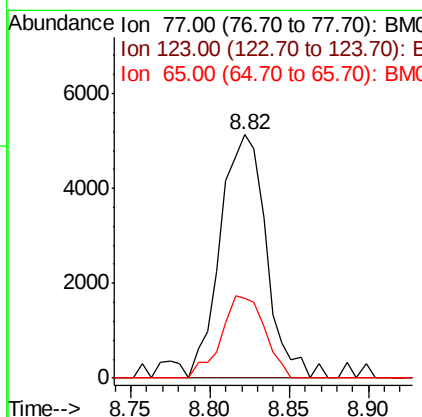
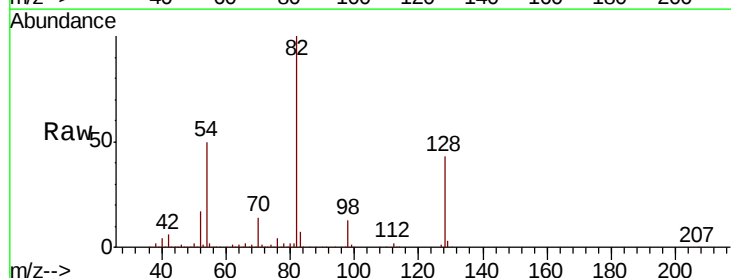
Instrument :
BNA_M
ClientSampleId :

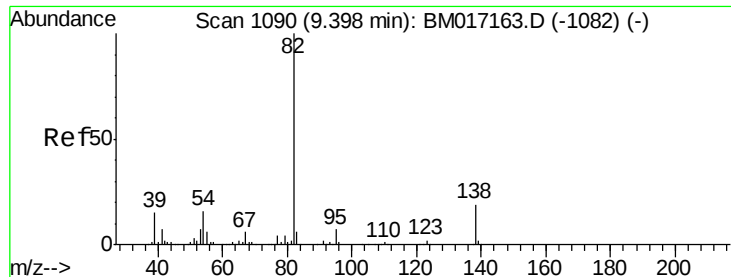
Tot Ion: 82 Resp: 2725660
Ion Ratio Lower Upper
82 100
128 43.1 37.0 55.6
54 50.3 40.7 61.1



#24
Nitrobenzene
Concen: 0.416 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.05 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion: 77 Resp: 10334
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.4#
65 32.6 11.4 17.0#





#25

Isophorone

Concen: 0.003 ng

RT: 9.36 min Scan# 1084

Delta R.T. -0.04 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

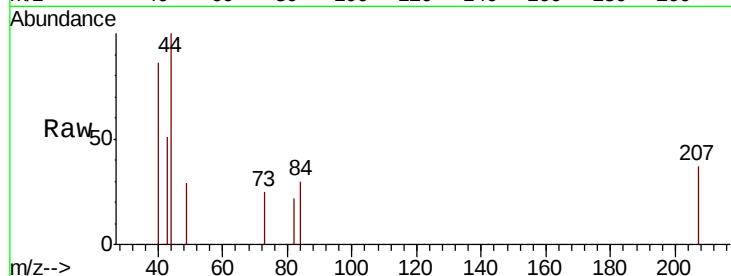
Tot Ion: 82 Resp: 107

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.4 23.2#

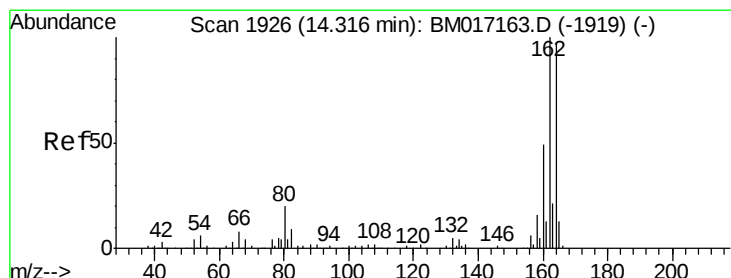
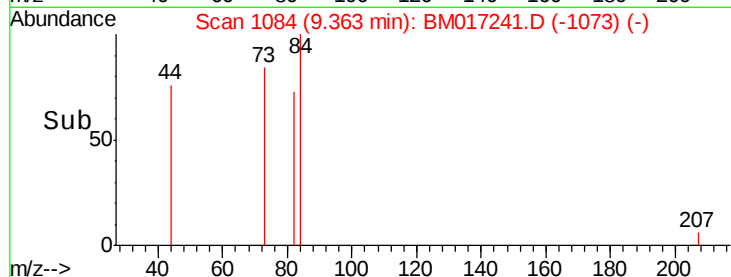
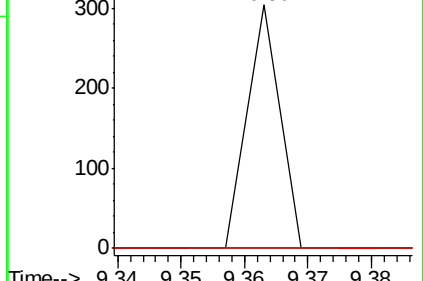


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

9.36



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

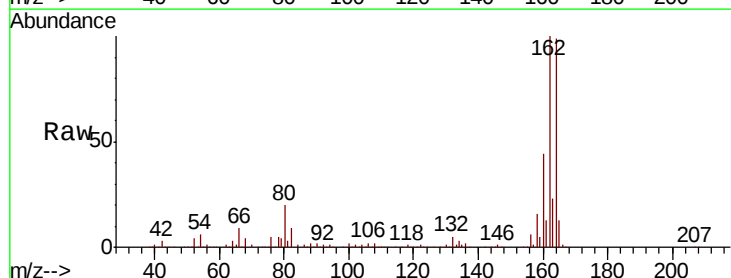
Tgt Ion: 164 Resp: 804678

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

160 44.5 40.2 60.2

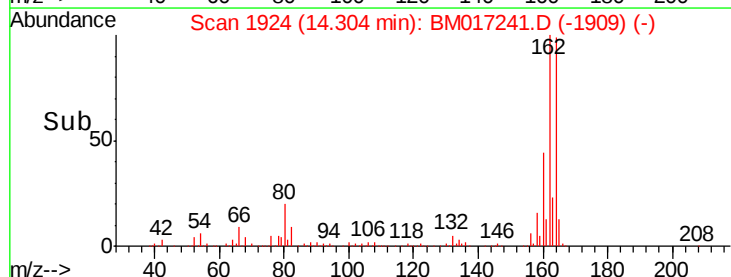
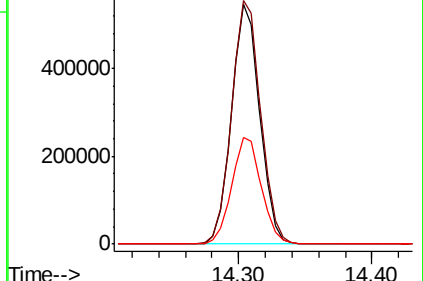


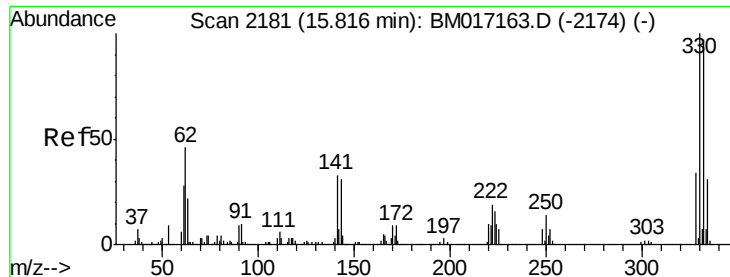
Abundance Ion 164.00 (163.70 to 164.70): BM017163.D (-1919) (-)

Ion 162.00 (161.70 to 162.70): BM017163.D (-1919) (-)

Ion 160.00 (159.70 to 160.70): BM017163.D (-1919) (-)

14.30

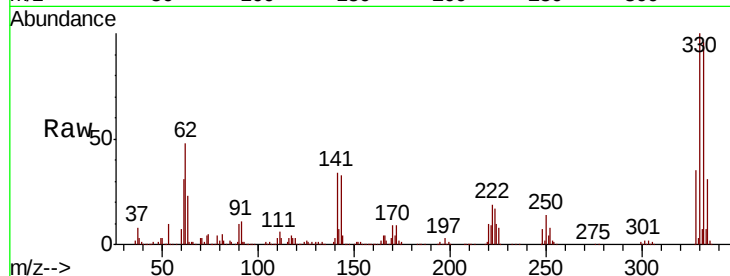




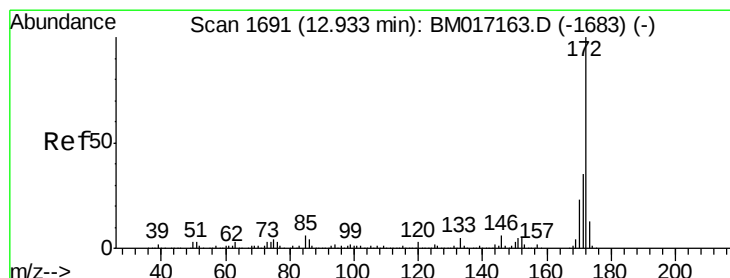
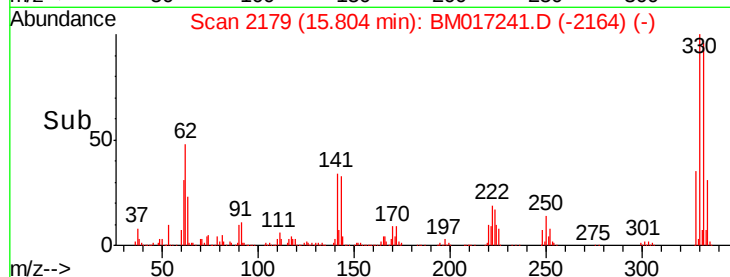
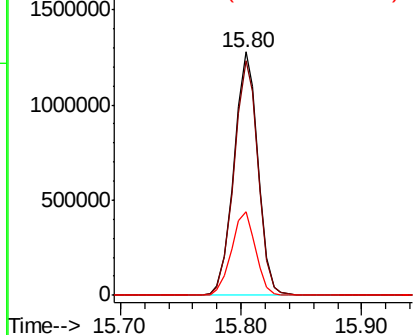
#42
 2,4,6-Tribromophenol
 Concen: 162.977 ng
 RT: 15.80 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 1773530
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 34.4 27.4 41.0

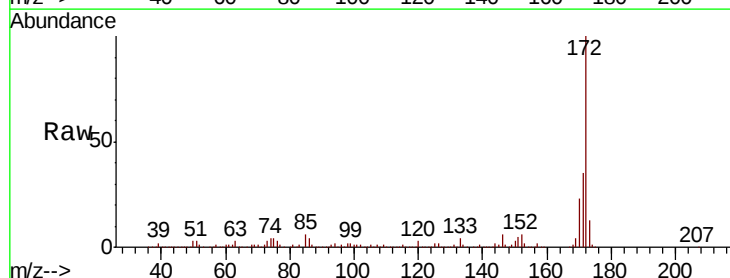


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

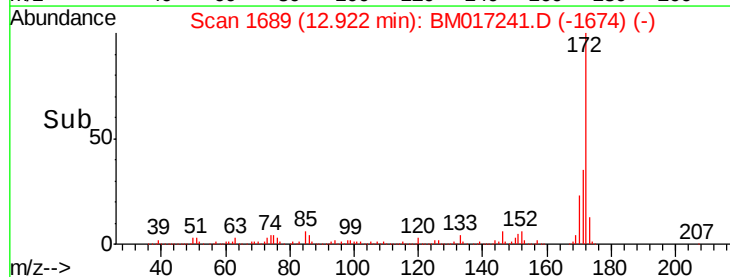
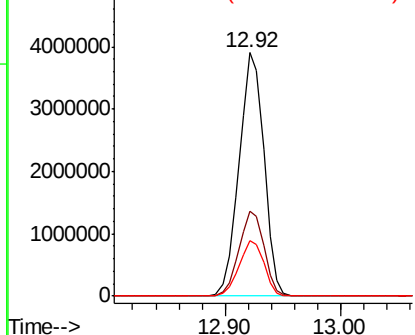


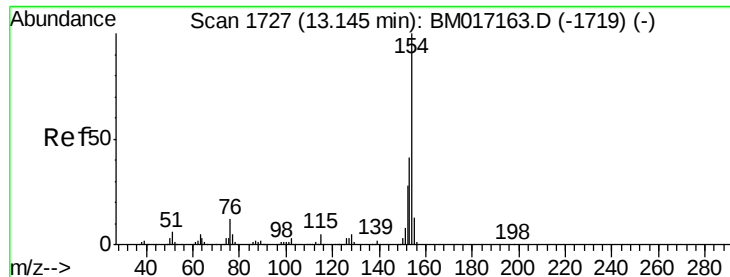
#45
 2-Fluorobiphenyl
 Concen: 96.441 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion:172 Resp: 5832502
 Ion Ratio Lower Upper
 172 100
 171 35.1 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

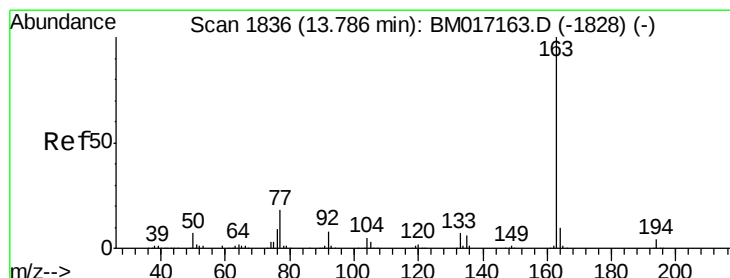
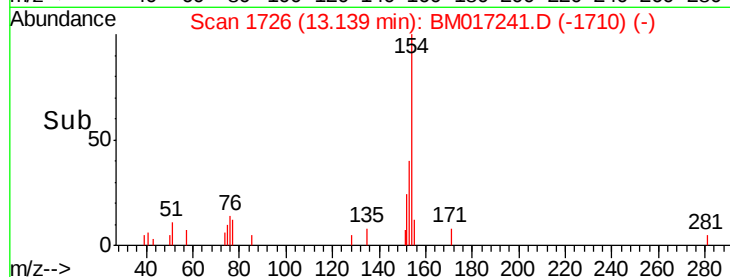
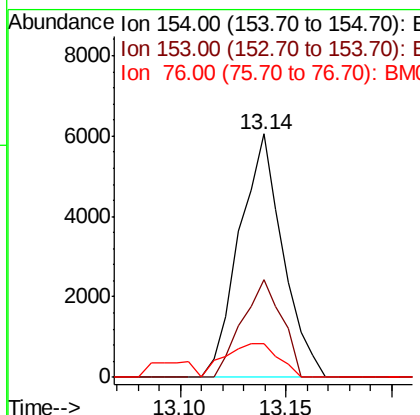
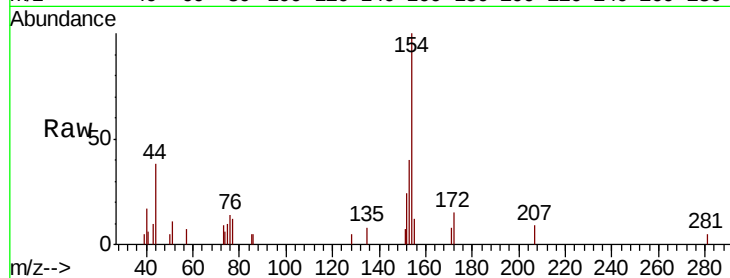




#46
 1,1'-Biphenyl
 Concen: 0.120 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

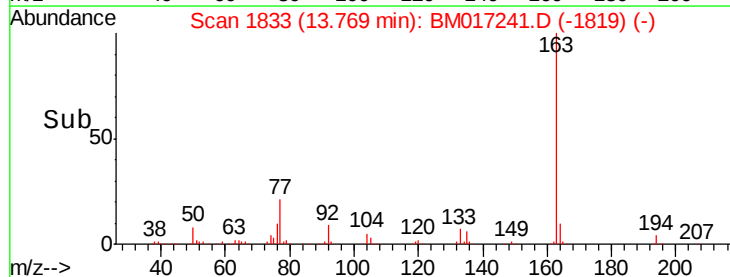
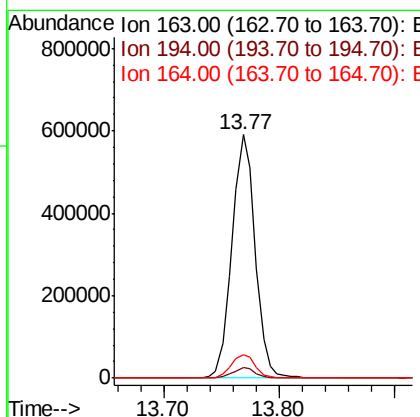
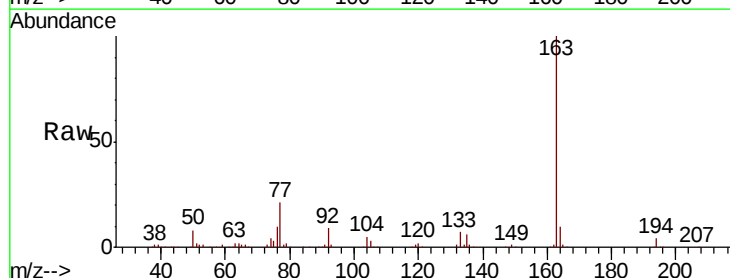
Instrument :
 BNA_M
 ClientSampleId :

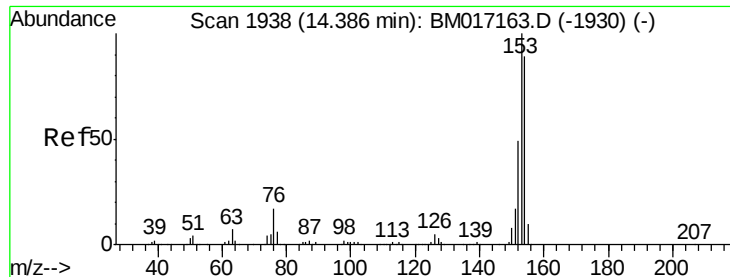
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.5	60.5
76	13.7	0.0	31.8



#50
 Dimethylphthalate
 Concen: 13.248 ng
 RT: 13.77 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.6	7.8	11.8





#52

Acenaphthene

Concen: 0.061 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.08 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

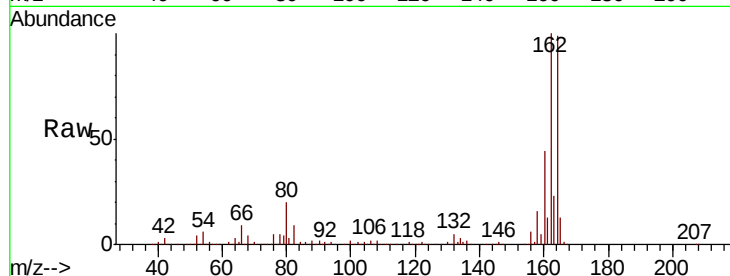
Tot Ion:154 Resp: 2946

Ion Ratio Lower Upper

154 100

153 0.0 90.2 135.2#

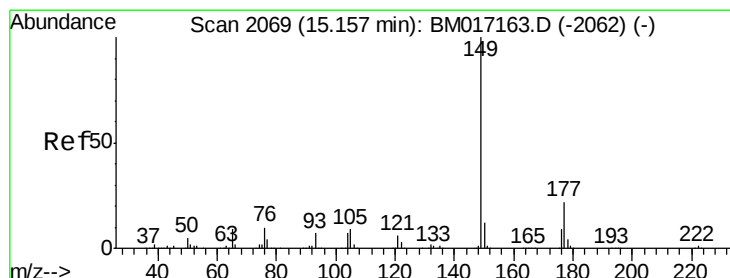
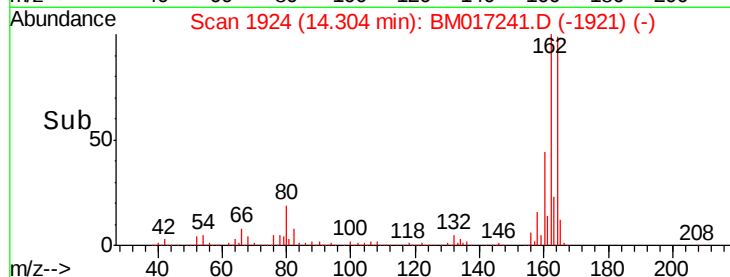
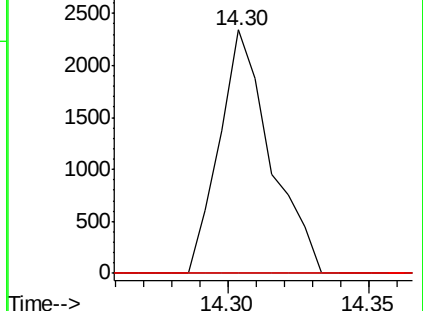
152 0.0 44.2 66.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#60

Diethylphthalate

Concen: 0.043 ng

RT: 15.14 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

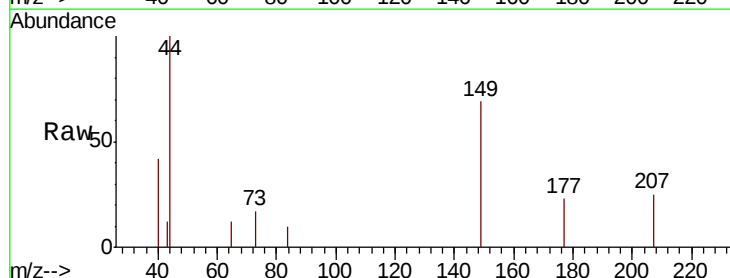
Tgt Ion:149 Resp: 2676

Ion Ratio Lower Upper

149 100

177 34.0 17.7 26.5#

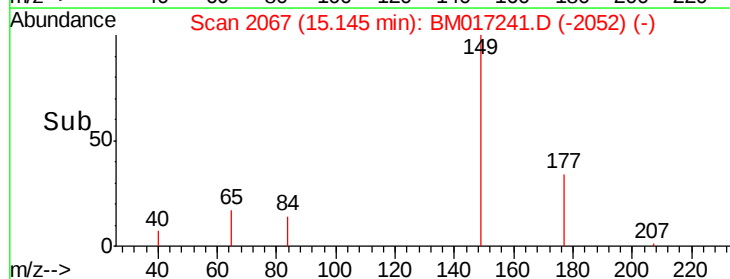
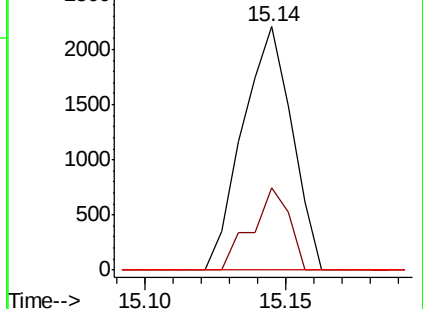
150 0.0 10.0 15.0#

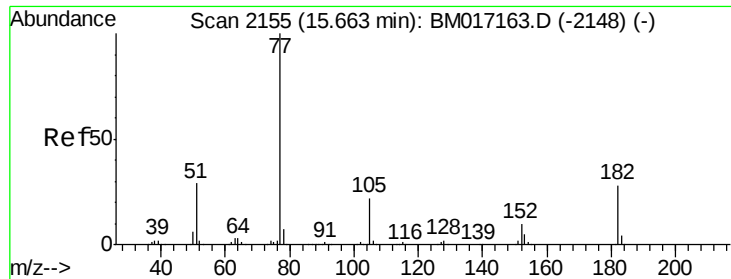


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

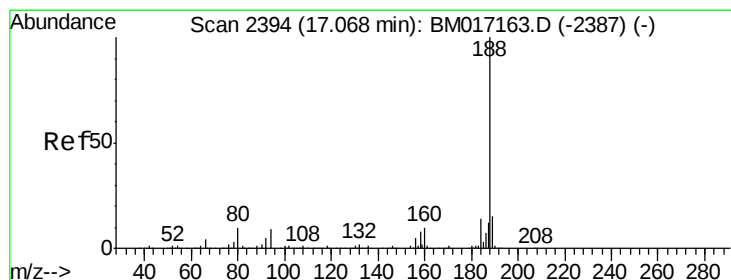
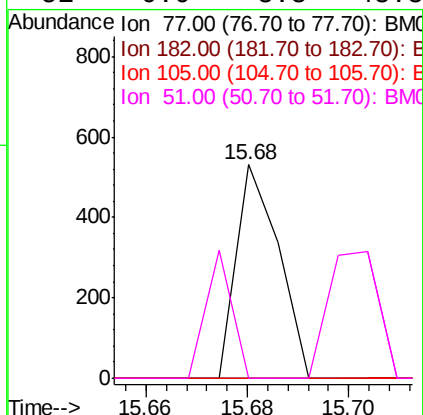
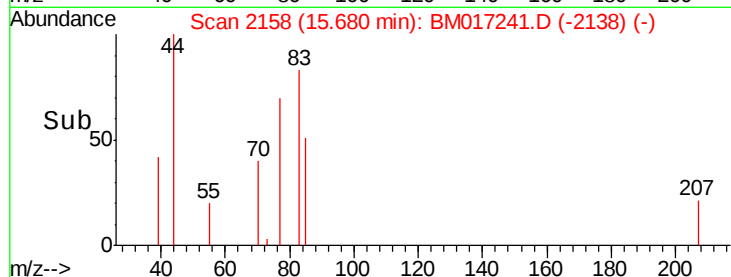
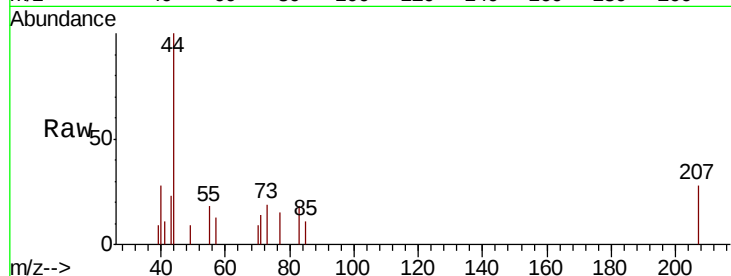




#63
Azobenzene
Concen: 0.005 ng
RT: 15.68 min Scan# 2158
Delta R.T. 0.02 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

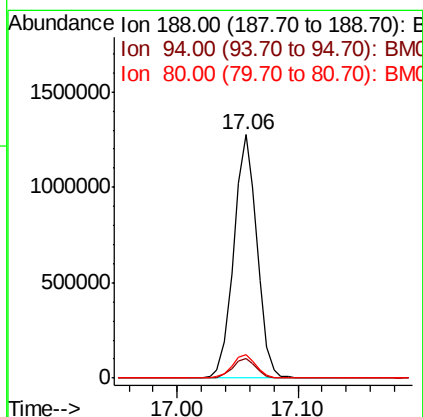
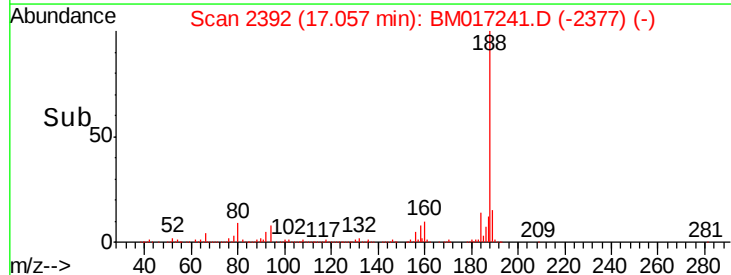
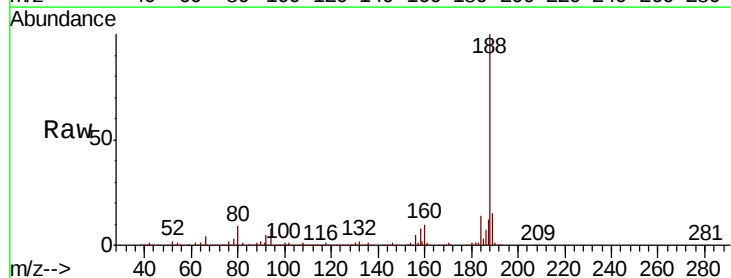
Instrument :
BNA_M
ClientSampleId :

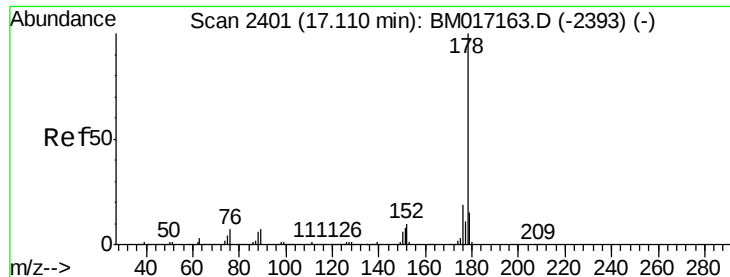
Tot Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.3	48.3#
105	0.0	1.5	41.5#
51	0.0	8.8	48.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.4	7.7	11.5

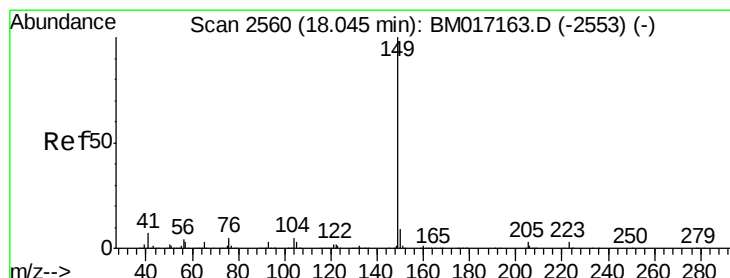
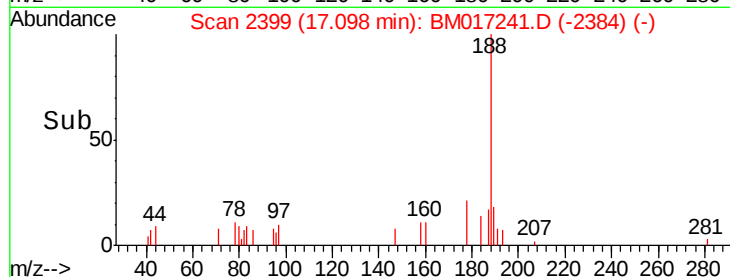
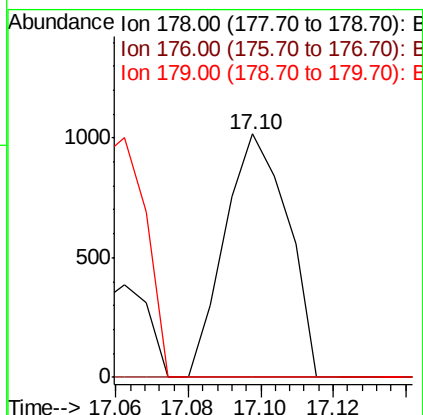
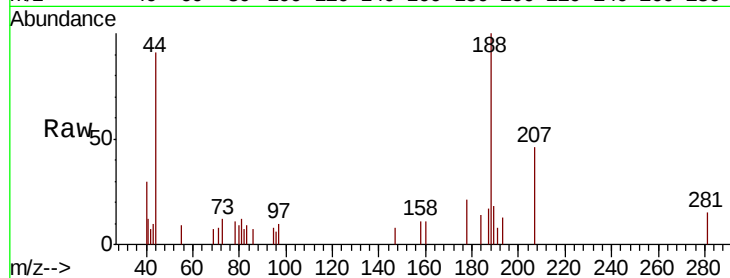




#71
 Phenanthrene
 Concen: 0.013 ng
 RT: 17.10 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

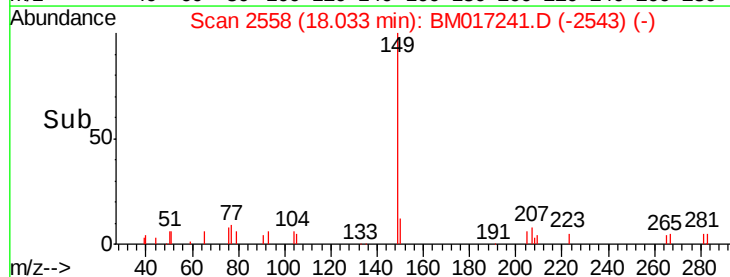
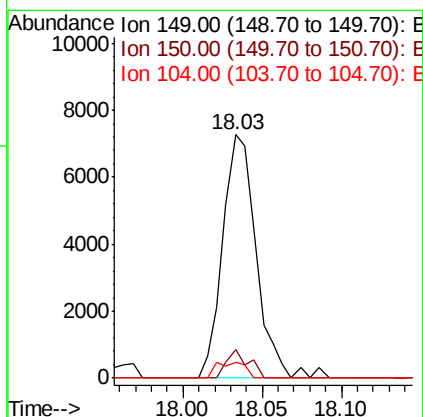
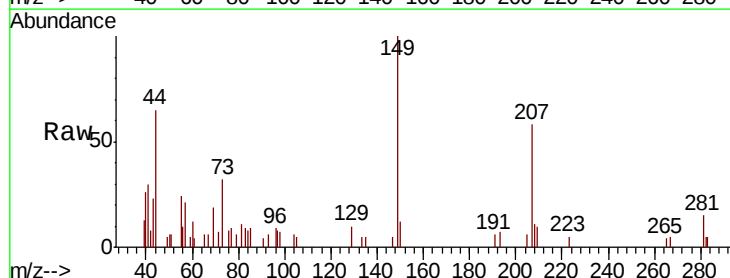
Instrument :
 BNA_M
 ClientSampleId :

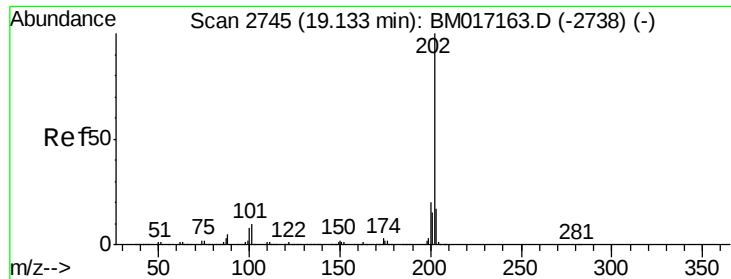
Tot Ion:178 Resp: 1227
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.6#
 179 0.0 12.3 18.5#



#74
 Di-n-butylphthalate
 Concen: 0.113 ng
 RT: 18.03 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion:149 Resp: 10692
 Ion Ratio Lower Upper
 149 100
 150 11.9 7.4 11.0#
 104 6.4 4.3 6.5





#75

Fluoranthene

Concen: 0.012 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BM017241.D

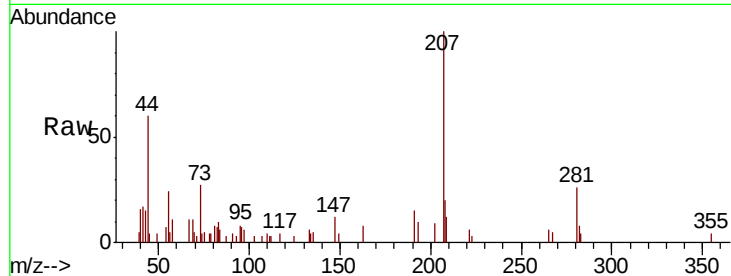
Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	1212
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.0
203	0.0	0.0	37.2

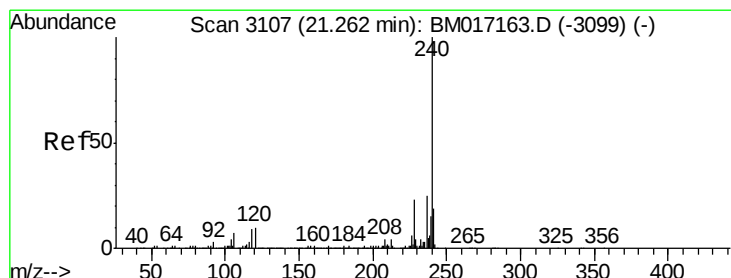
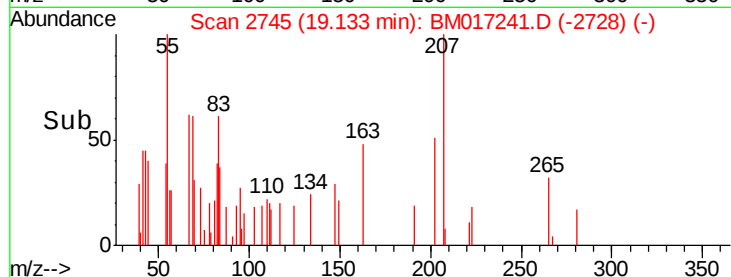
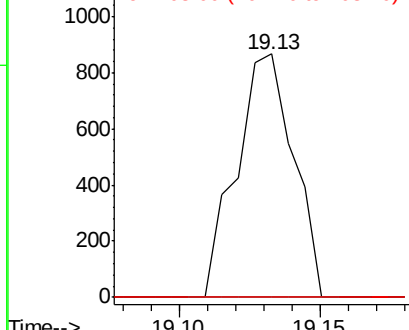


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

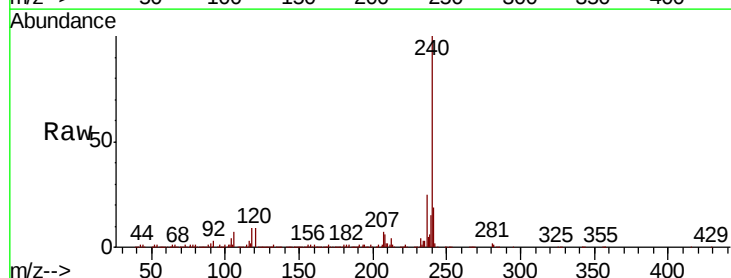
RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Tgt Ion:	240	Resp:	1404712
Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.1	12.1
236	25.2	19.9	29.9

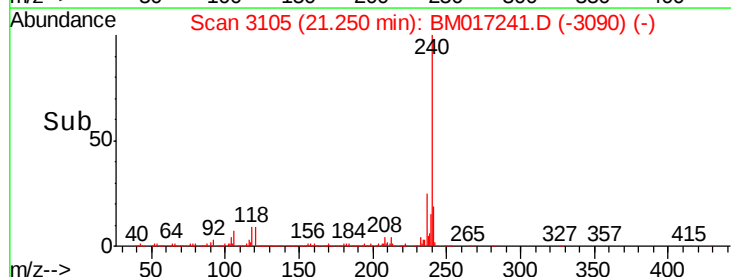
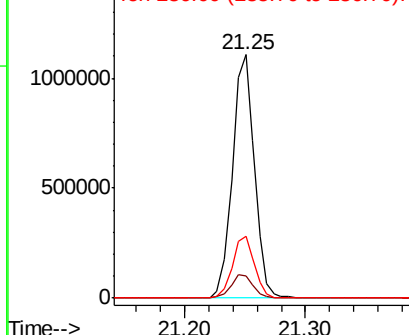


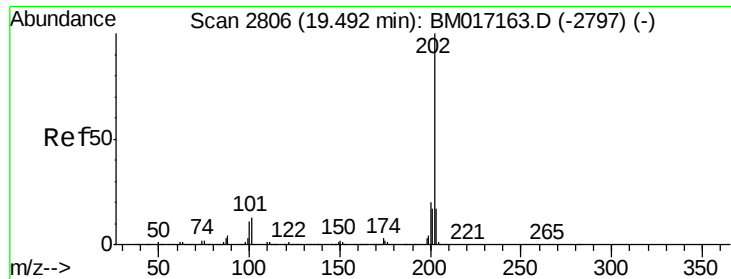
Abundance

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

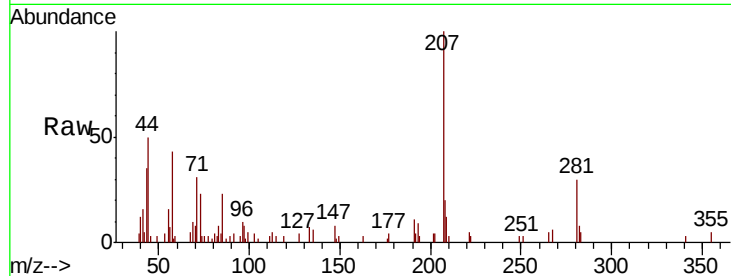




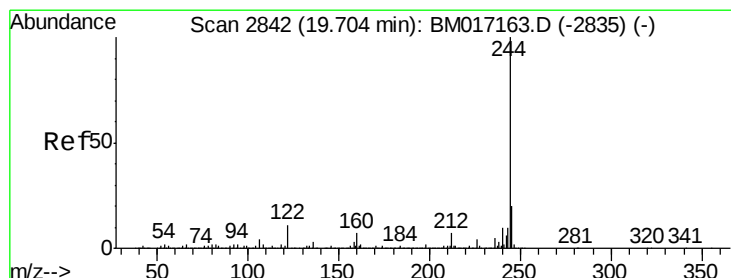
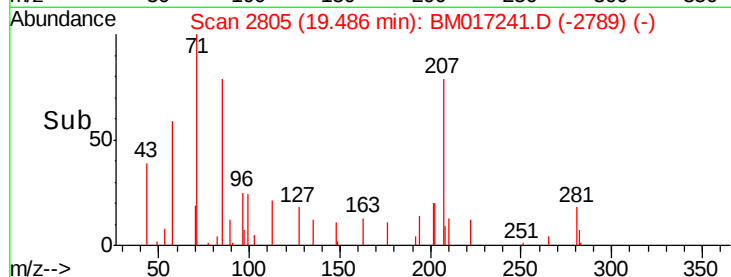
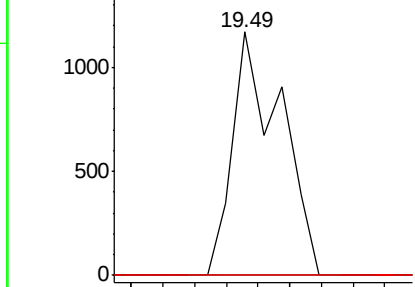
#78
Pvrene
Concen: 0.016 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1230
Ion Ratio Lower Upper
202 100
200 0.0 16.3 24.5#
203 0.0 13.9 20.9#

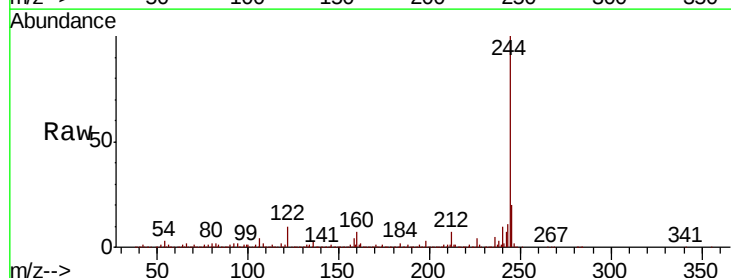


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

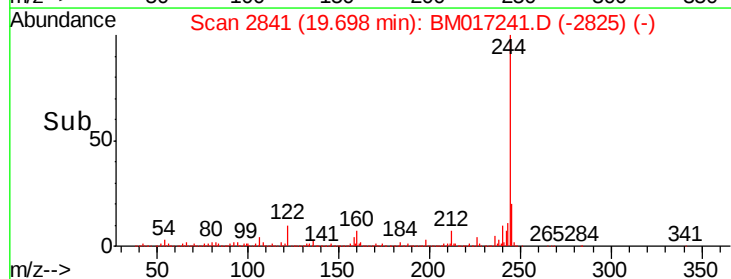
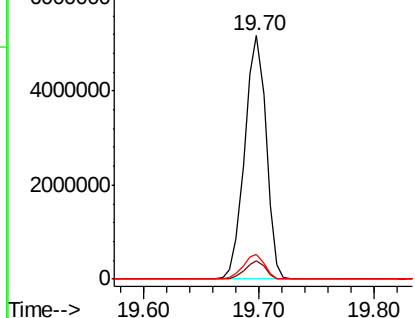


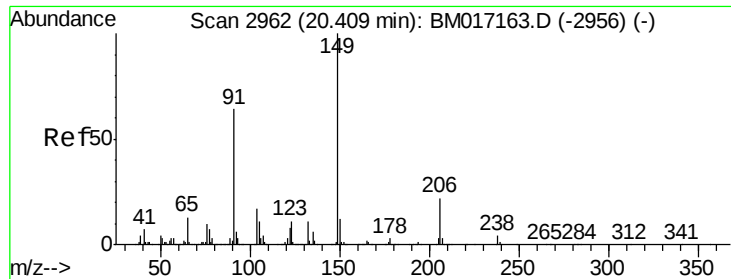
#79
Terphenyl-d14
Concen: 107.024 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion:244 Resp: 6669798
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.3 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

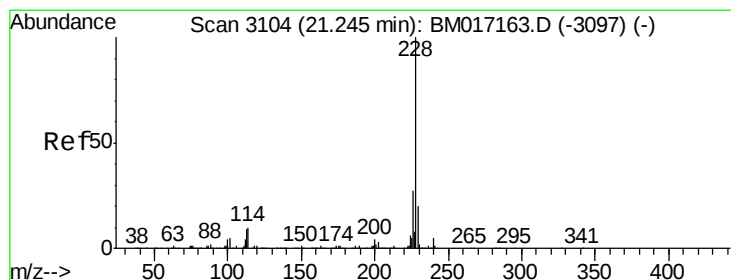
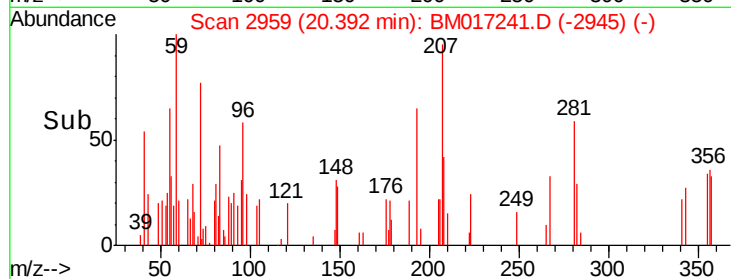
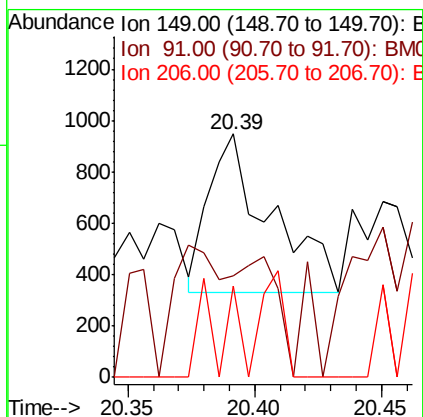
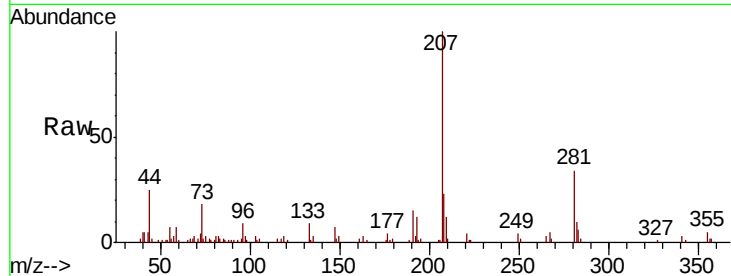




#80
 Butylbenzylphthalate
 Concen: 7.206 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

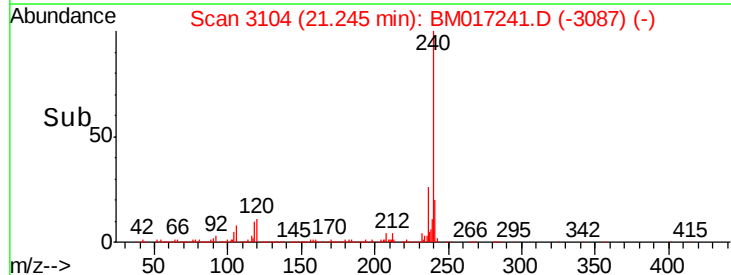
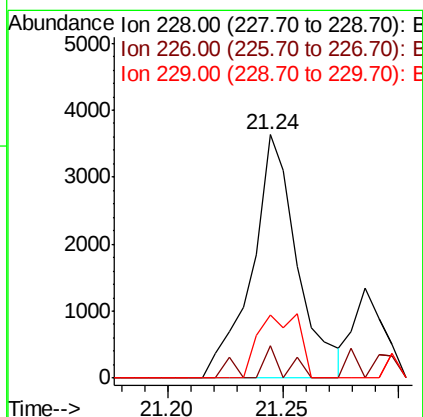
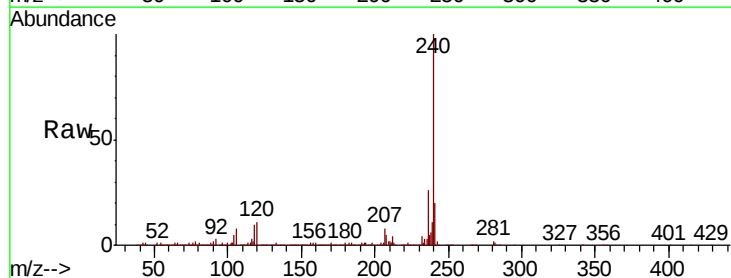
Instrument :
 BNA_M
 ClientSampled :

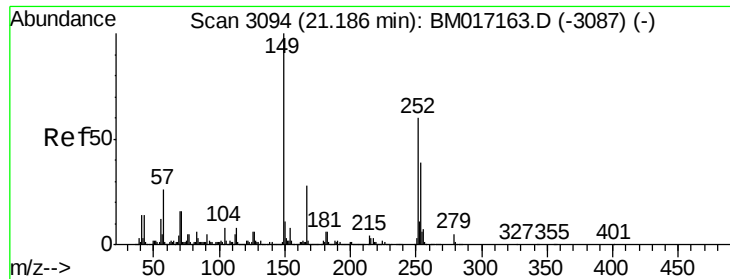
Tot Ion	Ratio	Lower	Upper
149	100		
91	41.8	51.3	76.9#
206	37.3	18.0	27.0#



#81
 Benzo(a)anthracene
 Concen: 0.063 ng
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	13.3	21.4	32.0#
229	26.0	15.9	23.9#

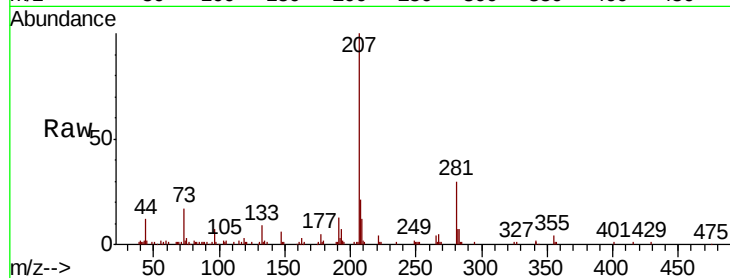




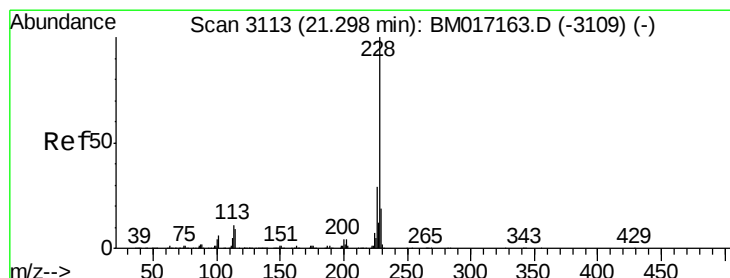
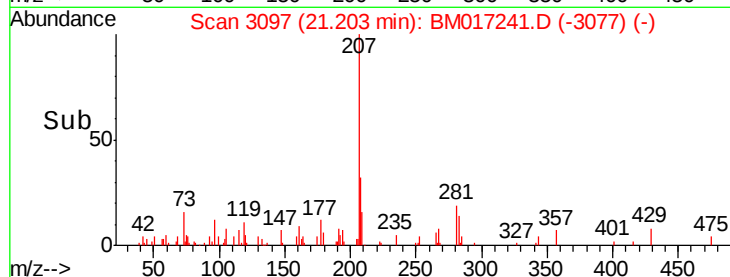
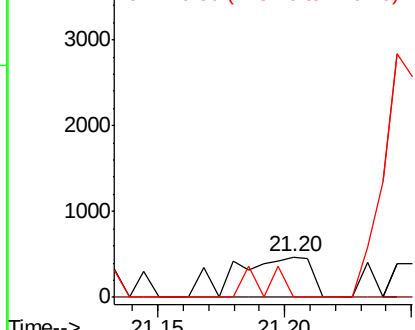
#82
 3,3'-Dichlorobenzidine
 Concen: 0.034 ng
 RT: 21.20 min Scan# 3097
 Delta R.T. 0.02 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 993
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.1 78.1#
 126 0.0 8.6 12.8#

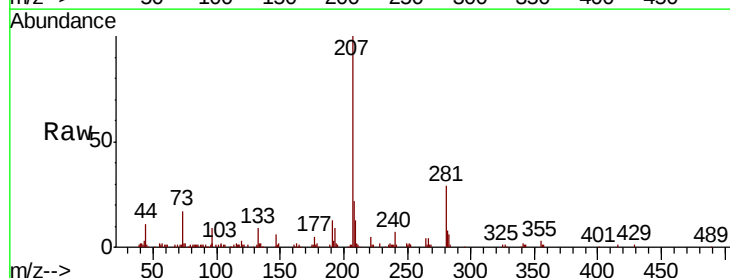


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

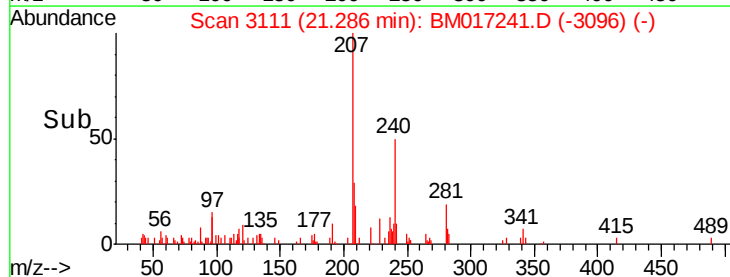
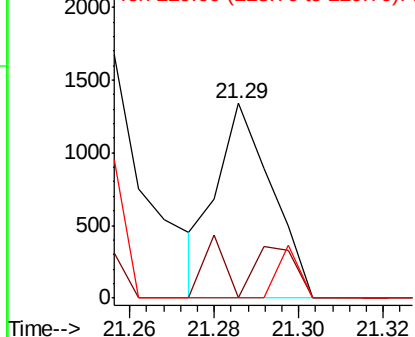


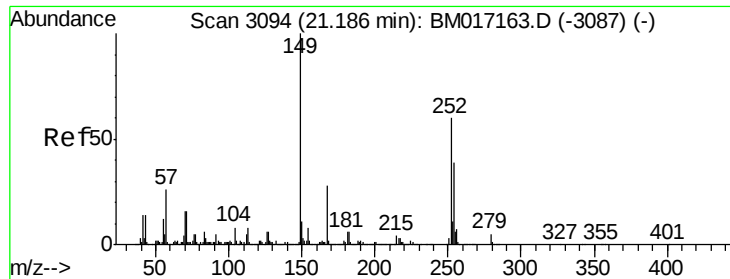
#83
 Chrysene
 Concen: 0.015 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion:228 Resp: 1203
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.3 34.9#
 229 0.0 15.6 23.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

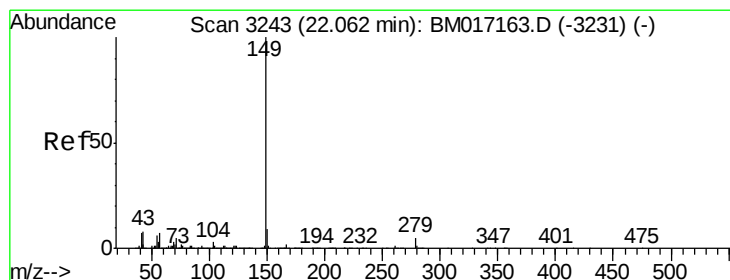
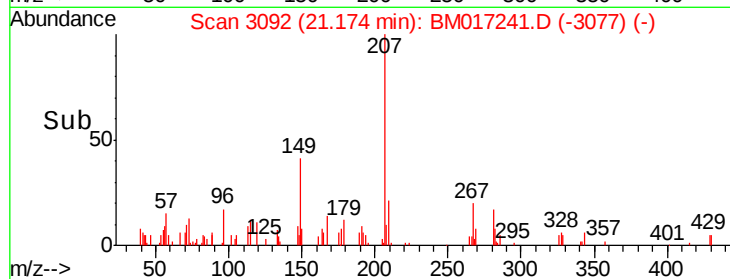
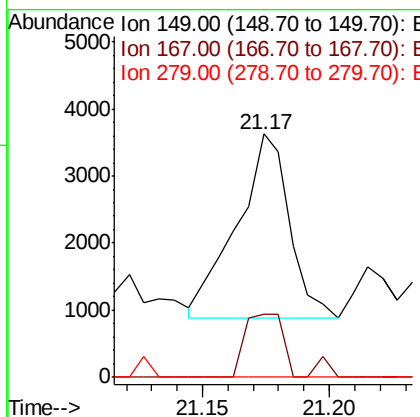
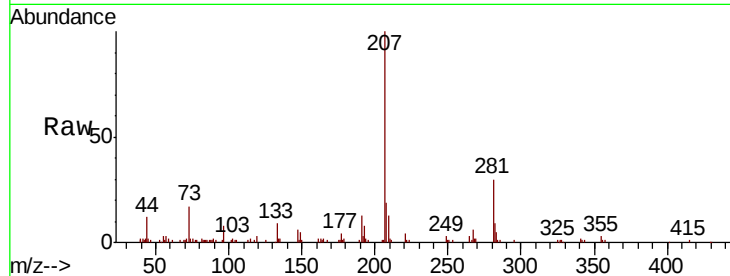




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.385 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

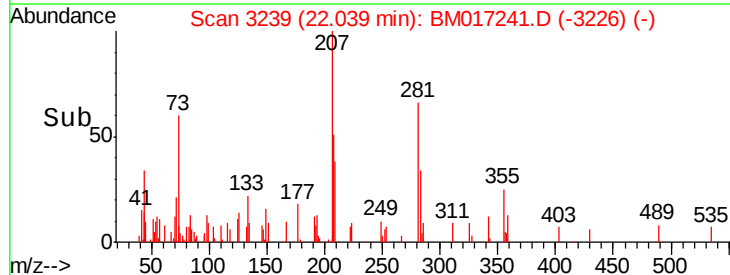
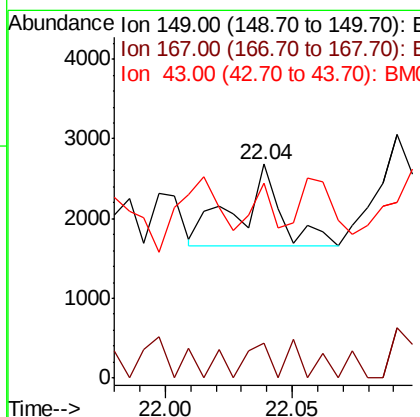
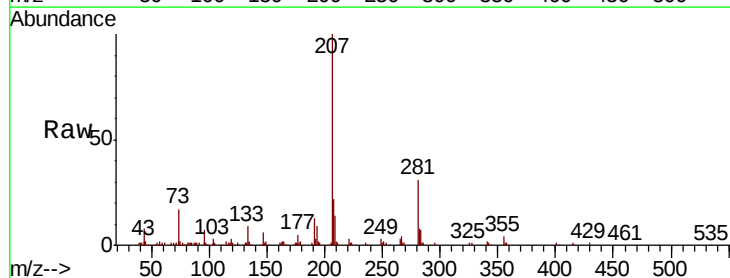
Instrument :
 BNA_M
 ClientSampled :

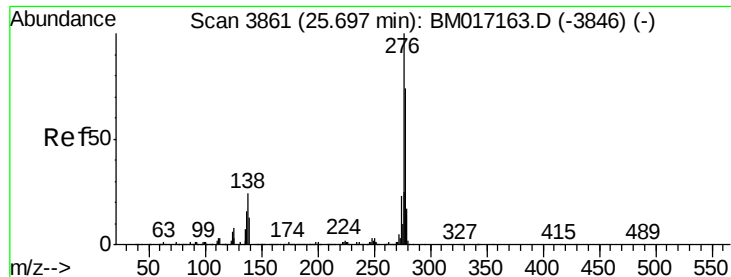
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.2	33.4
279	0.0	3.6	5.4



#85
 Di-n-octyl phthalate
 Concen: 5.585 ng
 RT: 22.04 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM017241.D
 Acq: 19 Oct 2018 21:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	22.7	1.4	2.0
43	34.2	7.2	10.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.001 ng

RT: 25.71 min Scan# 3863

Delta R.T. 0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampleId :

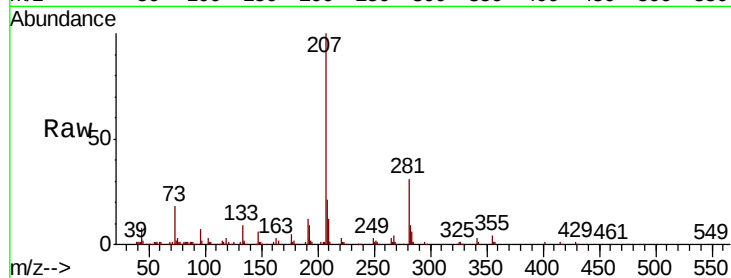
Tot Ion:276 Resp: 121

Ion Ratio Lower Upper

276 100

138 0.0 19.5 29.3#

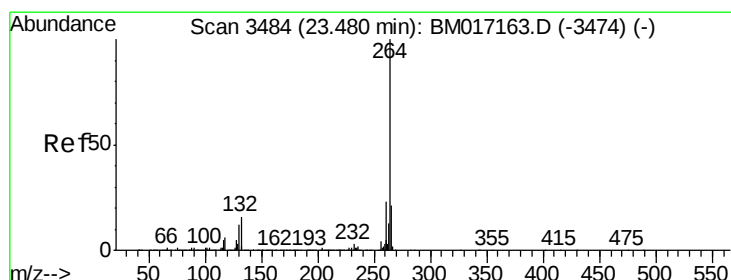
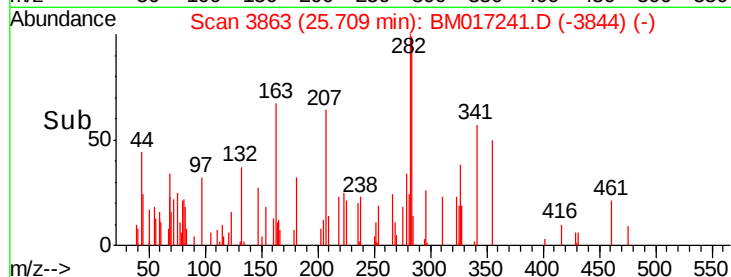
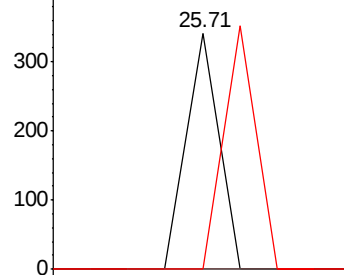
277 102.5 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3480

Delta R.T. -0.02 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

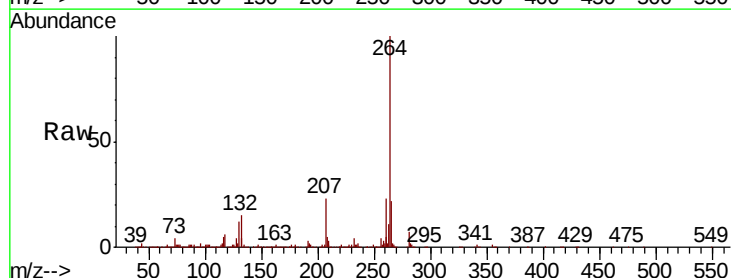
Tgt Ion:264 Resp: 1233604

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

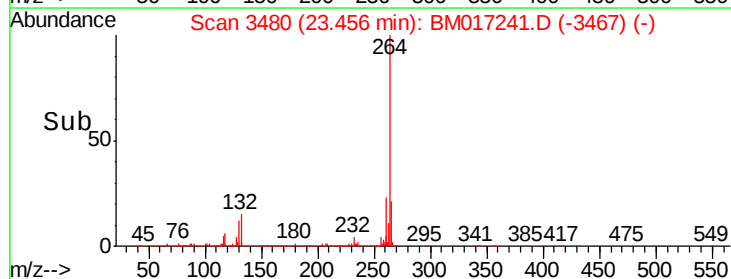
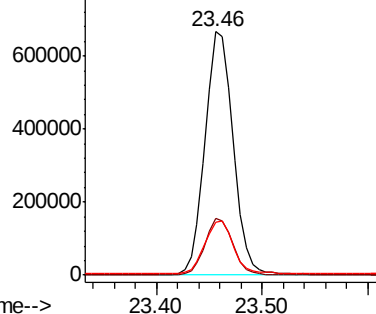
265 21.8 17.8 26.8

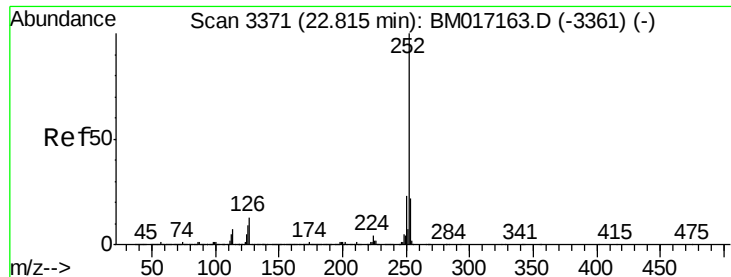


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

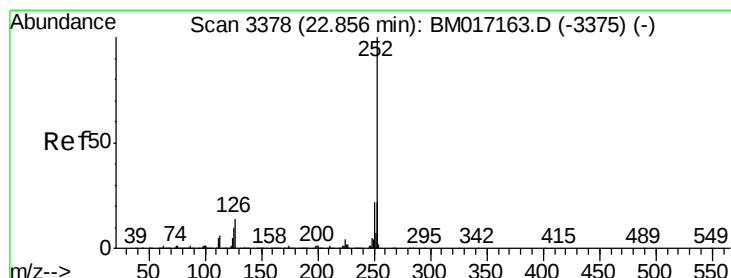
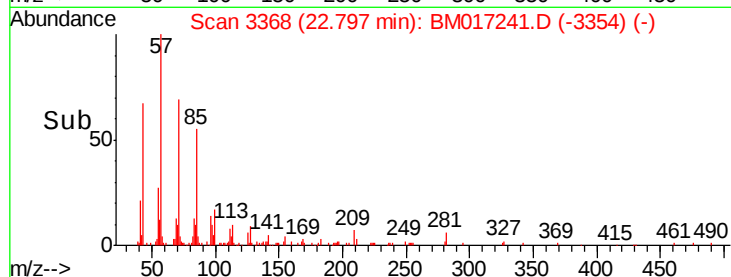
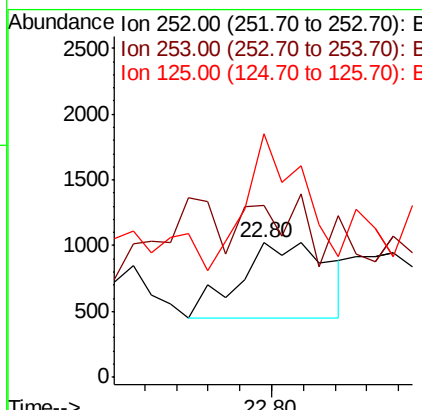
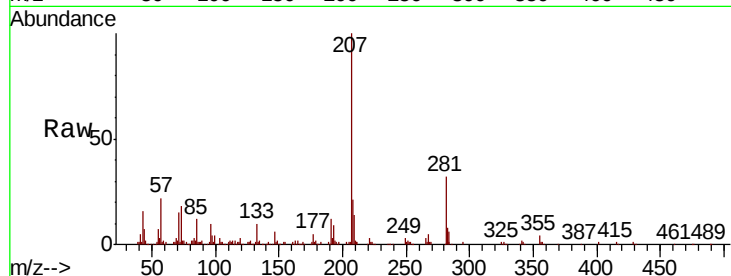




#88
Benzo(b)fluoranthene
Concen: 0.017 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

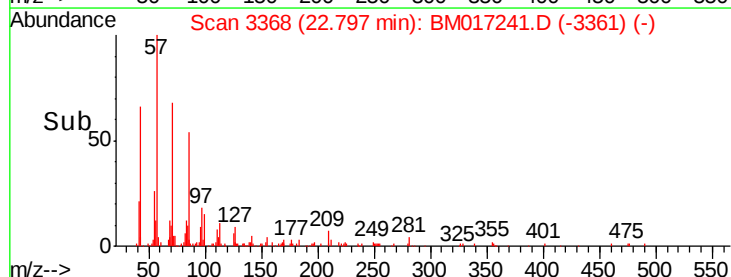
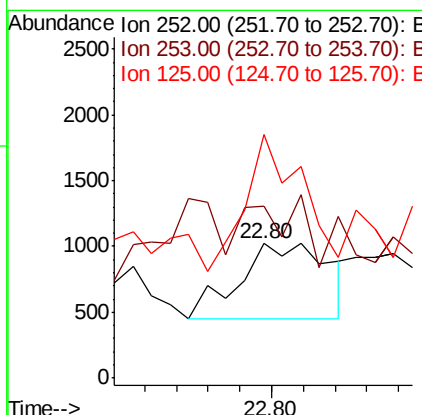
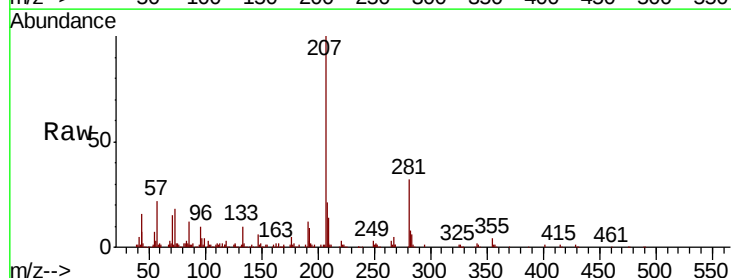
Instrument :
BNA_M
ClientSampleId :

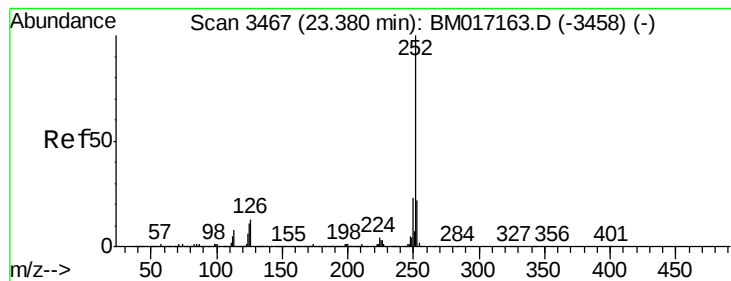
Tot Ion:252 Resp: 1127
Ion Ratio Lower Upper
252 100
253 127.4 17.4 26.2#
125 180.8 7.5 11.3#



#89
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.06 min
Lab File: BM017241.D
Acq: 19 Oct 2018 21:53

Tgt Ion:252 Resp: 1127
Ion Ratio Lower Upper
252 100
253 127.4 17.5 26.3#
125 180.8 8.2 12.2#





#90

Benzo(a)pyrene

Concen: 0.013 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

Instrument :

BNA_M

ClientSampled :

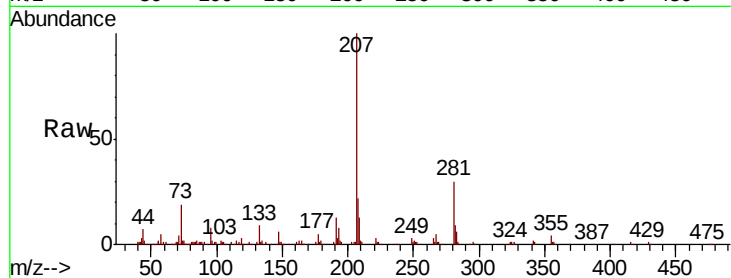
Tot Ion:252 Resp: 813

Ion Ratio Lower Upper

252 100

253 111.2 17.4 26.0#

125 104.9 8.6 13.0#

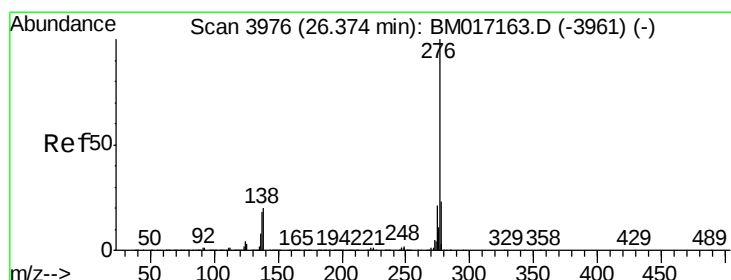
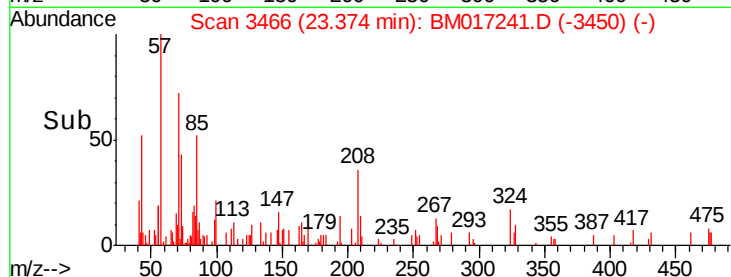
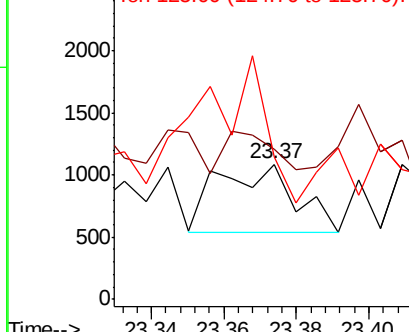


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 26.37 min Scan# 3976

Delta R.T. -0.00 min

Lab File: BM017241.D

Acq: 19 Oct 2018 21:53

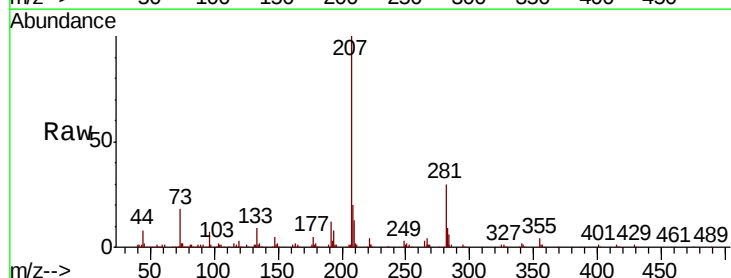
Tgt Ion:276 Resp: 109

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 16.4 24.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

