

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019121.D
 Acq On : 12 Mar 2019 20:44
 Operator : JU/SJ
 Sample : K1842-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-05_030819

Quant Time: Mar 13 03:56:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	222658	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	949432	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	614576	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1420812	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1434302	20.00	ng	0.00
87) Perylene-d12	23.51	264	1321523	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	918803	66.83	ng	0.00
7) Phenol-d6	6.84	99	814967	40.52	ng	0.00
23) Nitrobenzene-d5	8.83	82	1923717	95.78	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1493726	164.62	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4286118	90.72	ng	0.00
79) Terphenyl-d14	19.71	244	7725673	106.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.21	88	567	0.093	ng	# 28
3) Pyridine	3.57	79	1160	0.070	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	55	0.011	ng	# 1
9) Benzaldehyde	6.80	77	49214	3.891	ng	# 1
10) Phenol	6.86	94	3683	0.170	ng	# 1
15) Benzyl Alcohol	7.97	79	28094	1.688	ng	# 46
18) Hexachloroethane	8.75	117	29101	4.393	ng	# 1
20) 3+4-Methylphenols	8.36	107	708	0.037	ng	# 1
22) Acetophenone	8.50	105	8374	0.319	ng	# 88
24) Nitrobenzene	8.83	77	13310	0.637	ng	# 22
25) Isophorone	9.40	82	782	0.020	ng	# 68
27) 2,4-Dimethylphenol	9.65	122	1891	0.147	ng	# 94
28) bis(2-Chloroethoxy)methane	9.85	93	2280	0.100	ng	# 50
31) Naphthalene	10.50	128	1126612	22.513	ng	# 100
37) 2-Methylnaphthalene	12.12	142	234905	6.460	ng	# 99
38) 1-Methylnaphthalene	12.34	142	179857	5.018	ng	# 99
46) 1,1'-Biphenyl	13.15	154	27267	0.508	ng	# 98
48) 2-Nitroaniline	13.36	65	447	0.033	ng	# 9
49) Acenaphthylene	14.03	152	866	0.013	ng	# 1
50) Dimethylphthalate	13.79	163	1798	0.034	ng	# 75
51) 2,6-Dinitrotoluene	13.84	165	107	0.009	ng	# 20
52) Acenaphthene	14.39	154	1495	0.038	ng	# 95
55) Dibenzofuran	14.72	168	4767	0.076	ng	# 86
57) 2,4-Dinitrotoluene	14.72	165	119	0.007	ng	# 9
58) Fluorene	15.37	166	3856	0.075	ng	# 92
60) Diethylphthalate	15.14	149	6551	0.123	ng	# 97
63) Azobenzene	15.69	77	1411	0.025	ng	# 49
71) Phenanthrene	17.11	178	3173	0.038	ng	# 75
73) Carbazole	17.49	167	118	0.002	ng	# 59
74) Di-n-butylphthalate	18.04	149	11462	0.123	ng	# 98
75) Fluoranthene	19.14	202	944	0.010	ng	# 63
78) Pyrene	19.50	202	697	0.008	ng	# 57
80) Butylbenzylphthalate	20.40	149	1084	0.027	ng	# 79
81) Benzo(a)anthracene	21.27	228	4114	0.046	ng	# 77

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

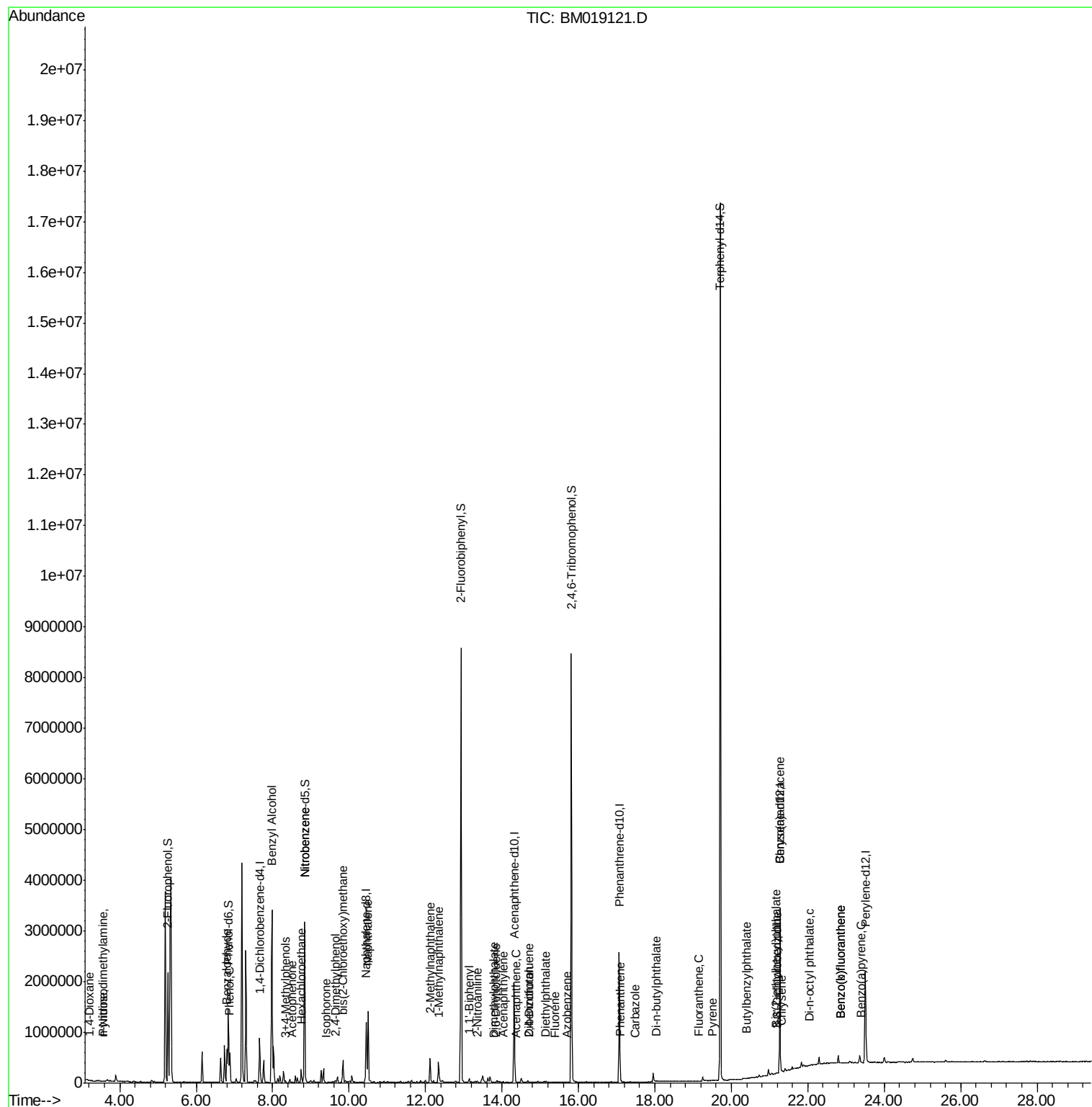
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.20	252	142	0.004	nq	# 25
83) Chrysene	21.32	228	564	0.006	nq	# 50
84) Bis(2-ethylhexyl)phthalate	21.17	149	5141	0.089	nq	# 92
85) Di-n-octyl phthalate	22.03	149	269	0.003	nq	# 61
88) Benzo(b)fluoranthene	22.85	252	262	0.003	nq	# 1
89) Benzo(k)fluoranthene	22.87	252	451	0.006	nq	# 1
90) Benzo(a)pyrene	23.40	252	487	0.006	nq	# 1

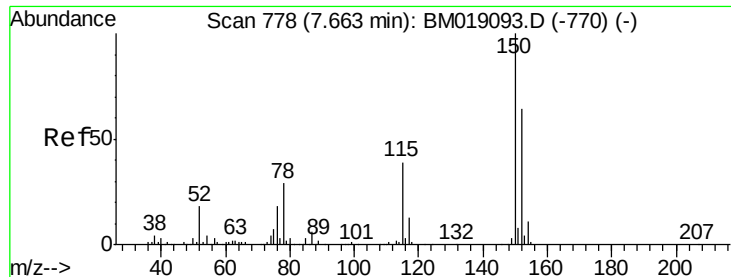
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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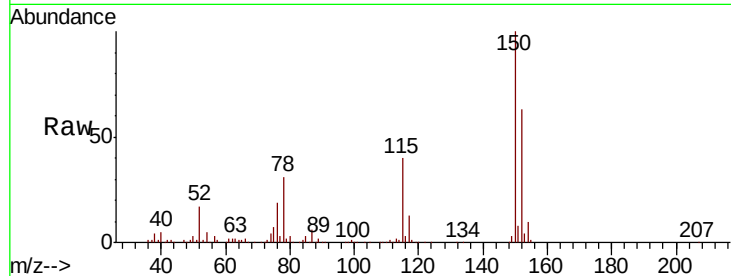


#1

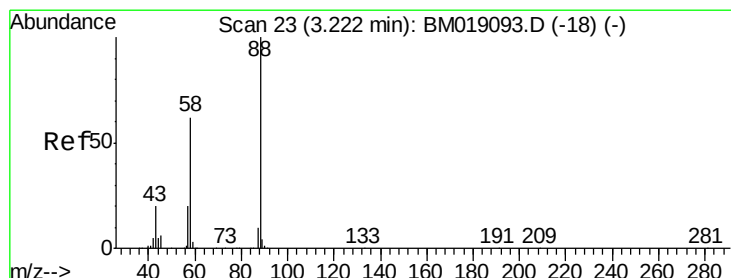
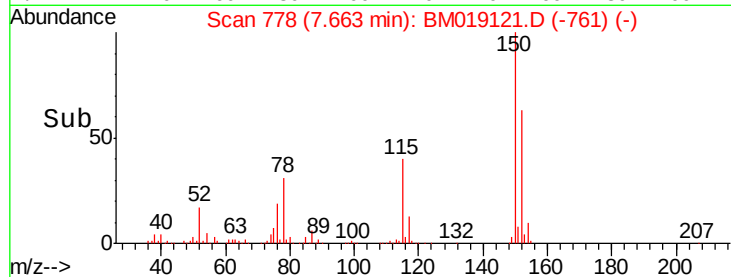
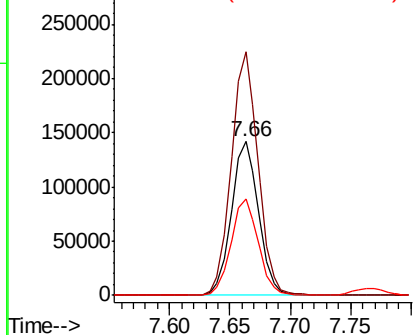
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:152 Resp: 222658
Ion Ratio Lower Upper
152 100
150 158.4 125.3 187.9
115 63.0 49.4 74.0



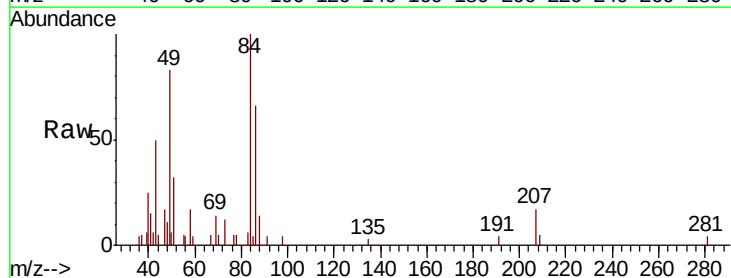
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



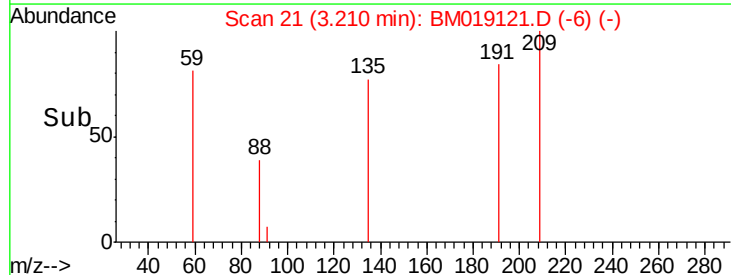
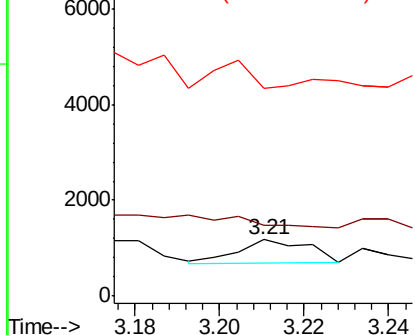
#2

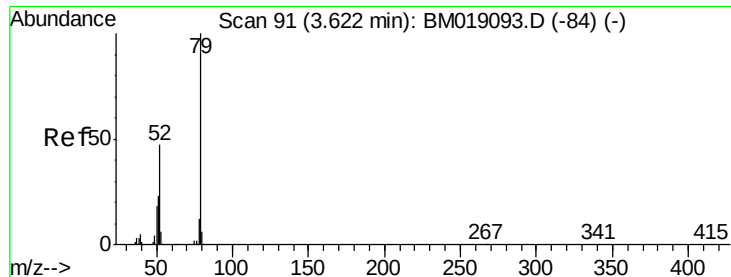
1,4-Dioxane
Concen: 0.093 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion: 88 Resp: 567
Ion Ratio Lower Upper
88 100
58 0.0 50.0 75.0#
43 0.0 17.0 25.4#



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: 0.070 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.05 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

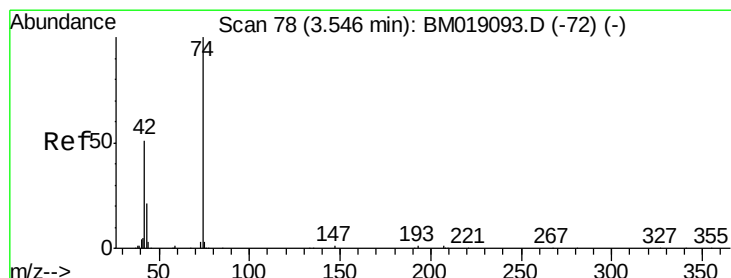
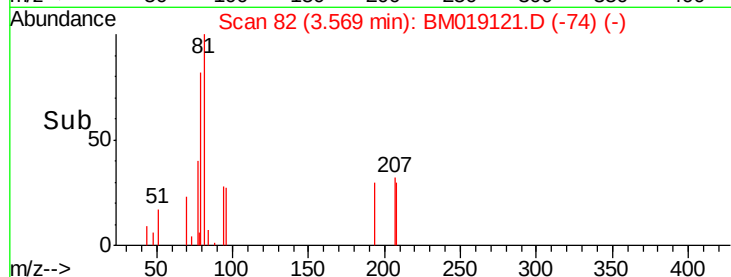
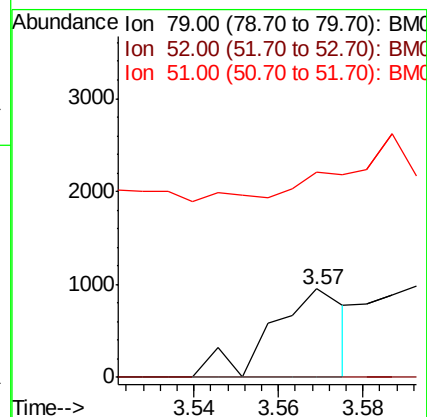
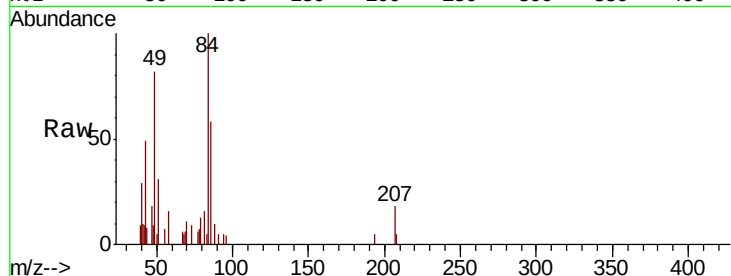
Tot Ion: 79 Resp: 1160

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

51 233.3 19.2 28.8#



#4

n-Nitrosodimethylamine

Concen: 0.011 ng

RT: 3.56 min Scan# 80

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

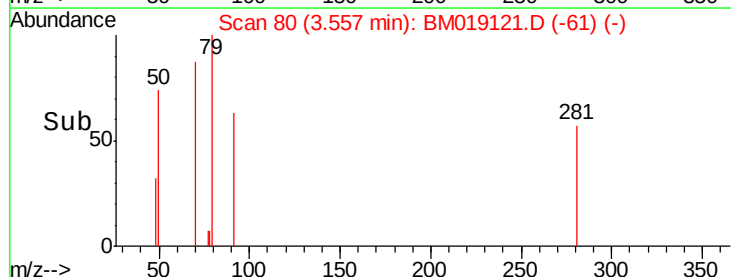
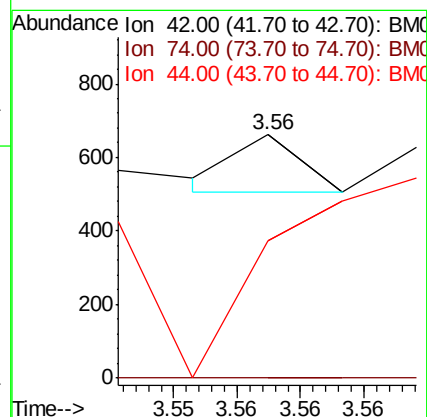
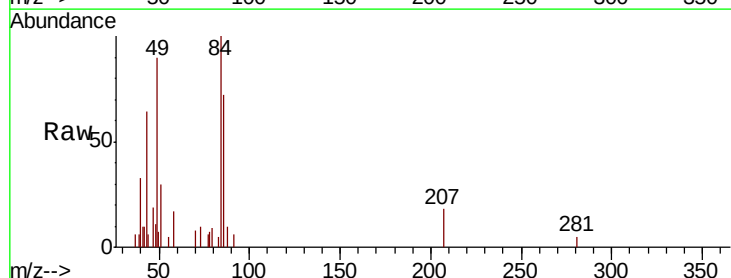
Tgt Ion: 42 Resp: 55

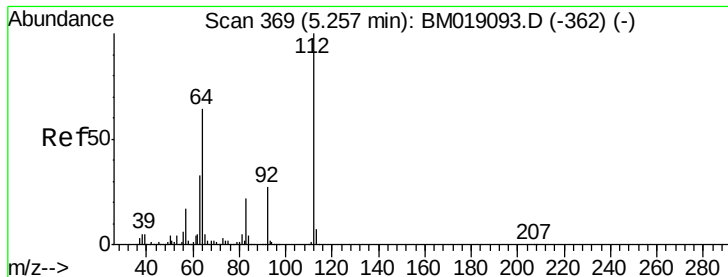
Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

44 56.3 4.6 7.0#





#5

2-Fluorophenol

Concen: 66.828 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

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BNA_M

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PR-MW-05_030819

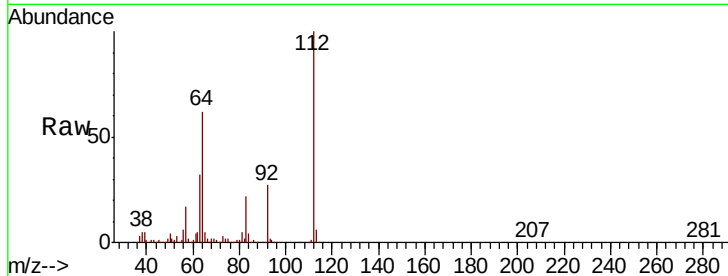
Tot Ion: 112 Resp: 918803

Ion Ratio Lower Upper

112 100

64 61.7 51.4 77.0

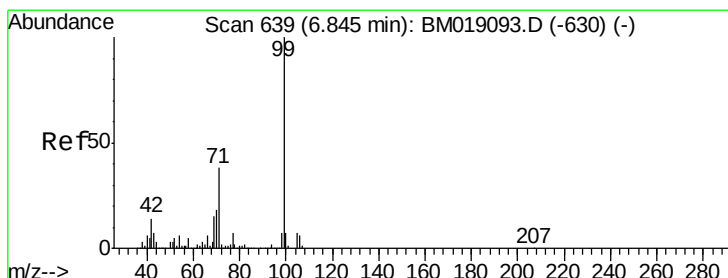
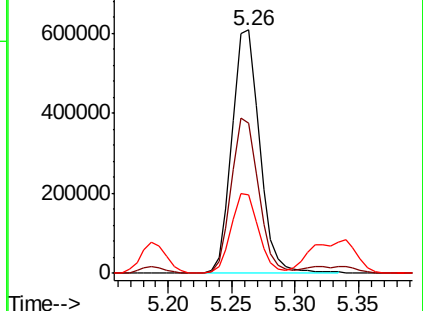
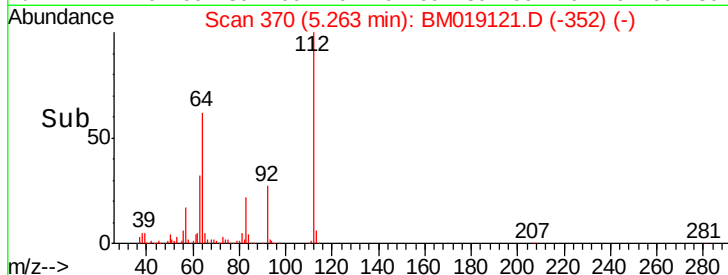
63 32.2 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 40.525 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

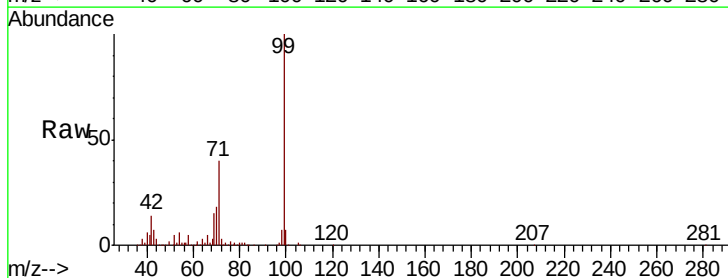
Tgt Ion: 99 Resp: 814967

Ion Ratio Lower Upper

99 100

42 14.3 10.9 16.3

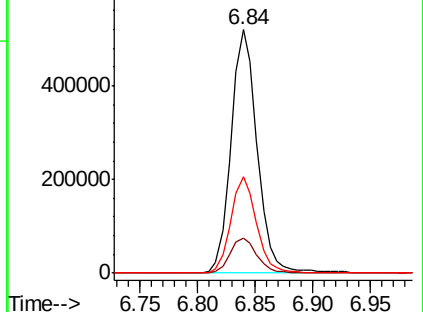
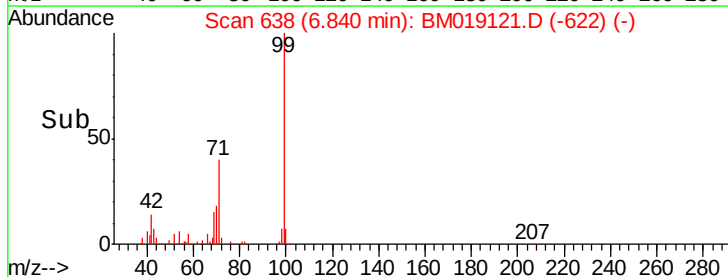
71 39.6 30.3 45.5

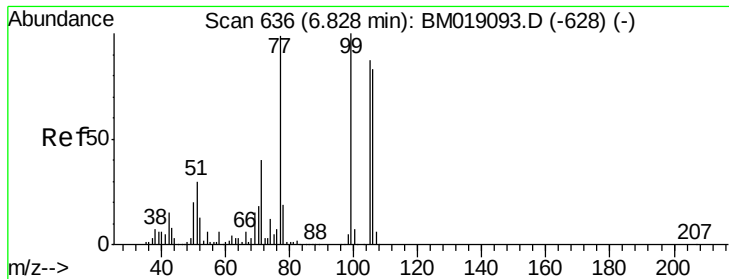


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 3.891 ng

RT: 6.80 min Scan# 632

Delta R.T. -0.02 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

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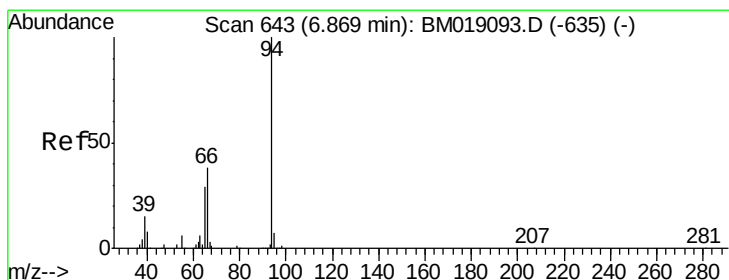
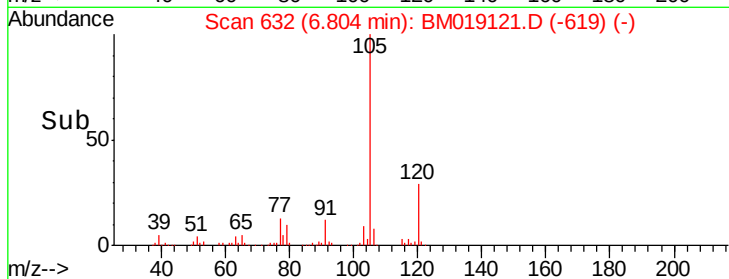
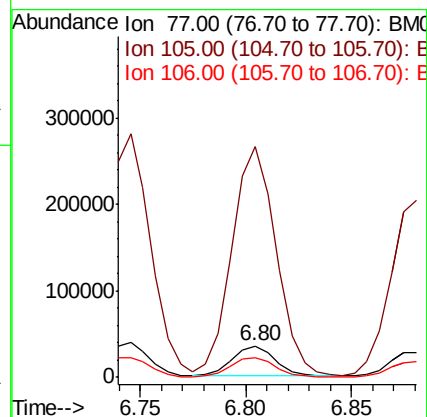
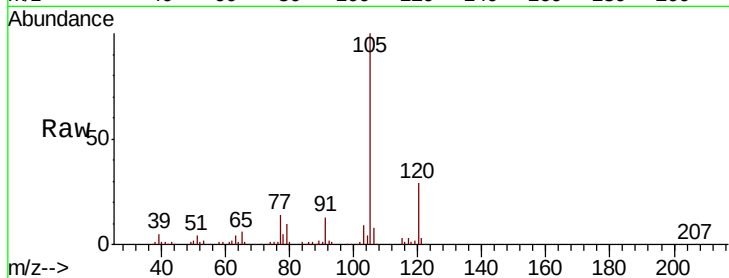
Tot Ion: 77 Resp: 49214

Ion Ratio Lower Upper

77 100

105 730.5 67.7 107.7#

106 61.4 64.1 104.1#



#10

Phenol

Concen: 0.170 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

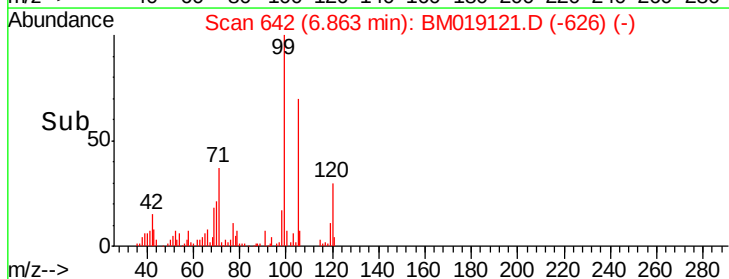
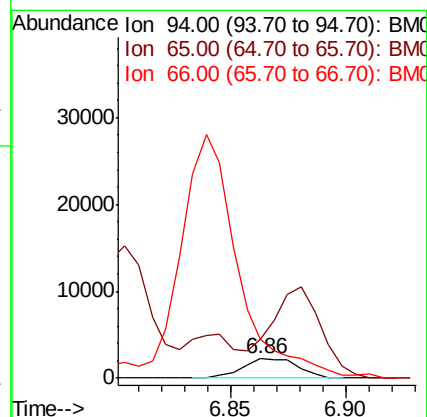
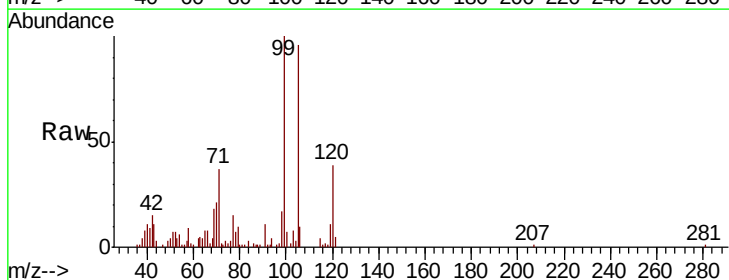
Tgt Ion: 94 Resp: 3683

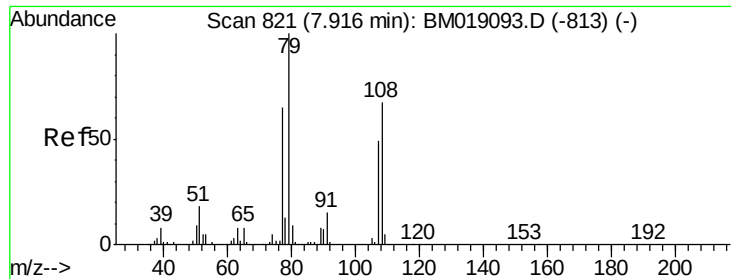
Ion Ratio Lower Upper

94 100

65 203.9 9.7 49.7#

66 204.9 19.2 59.2#





#15

Benzyl Alcohol

Concen: 1.688 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019121.D

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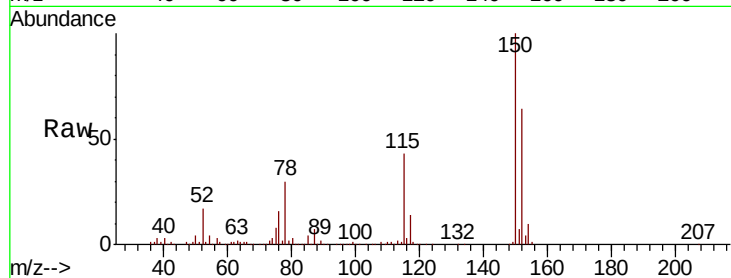
Tot Ion: 79 Resp: 28094

Ion Ratio Lower Upper

79 100

108 29.8 53.7 80.5#

77 112.8 51.8 77.8#

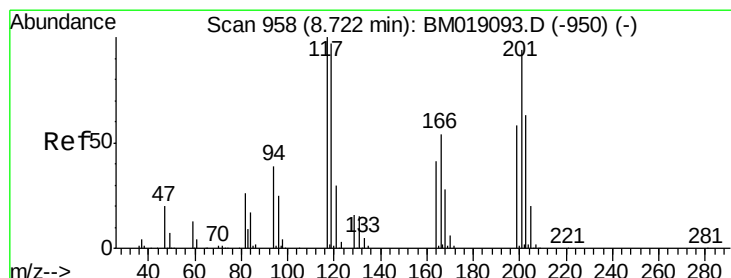
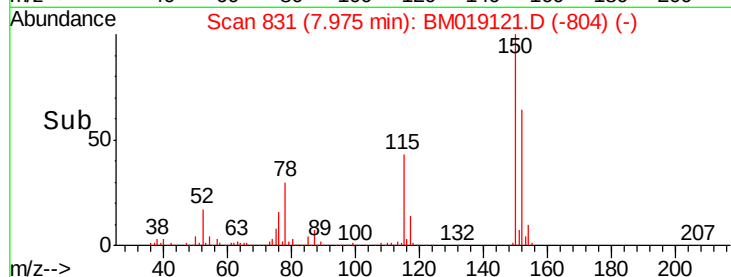
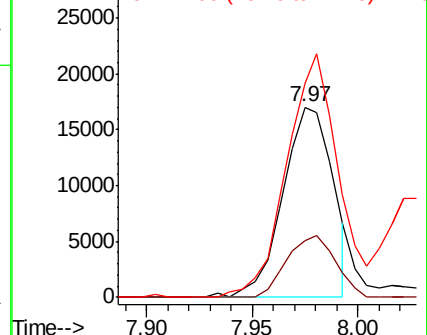


Abundance

Ion 79.00 (78.70 to 79.70): BM019121.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019121.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019121.D (-804) (-)



#18

Hexachloroethane

Concen: 4.393 ng

RT: 8.75 min Scan# 963

Delta R.T. 0.03 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

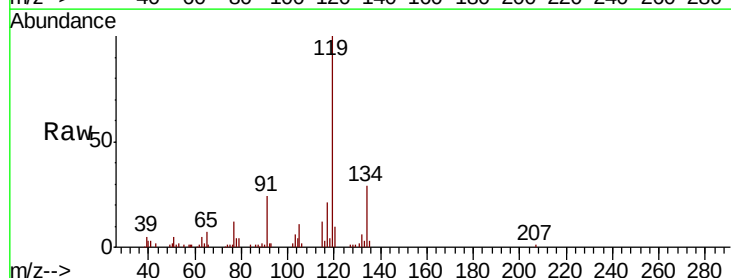
Tgt Ion: 117 Resp: 29101

Ion Ratio Lower Upper

117 100

119 480.8 77.4 116.2#

201 0.0 75.2 112.8#

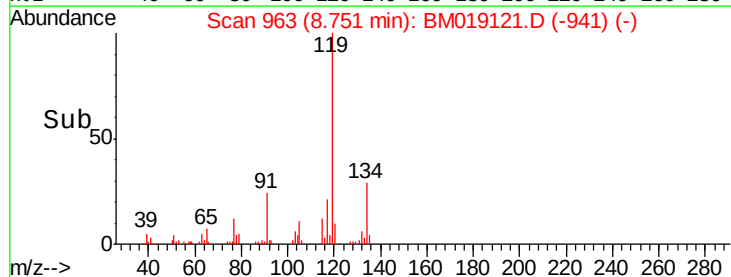
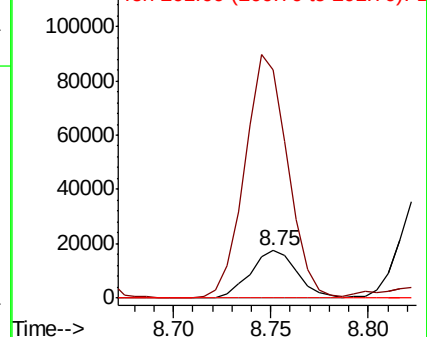


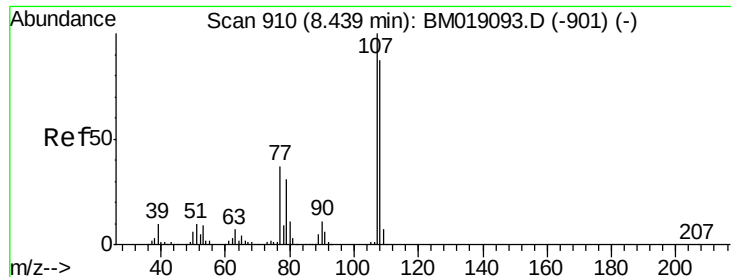
Abundance

Ion 117.00 (116.70 to 117.70): BM019121.D (-941) (-)

Ion 119.00 (118.70 to 119.70): BM019121.D (-941) (-)

Ion 201.00 (200.70 to 201.70): BM019121.D (-941) (-)

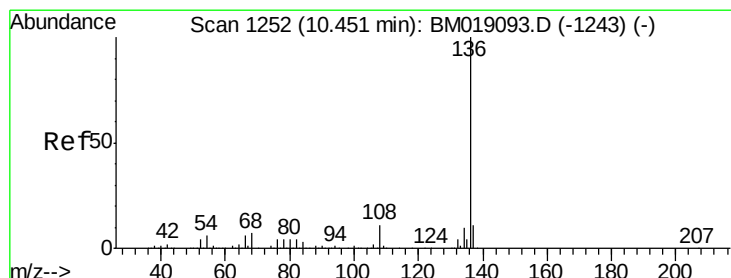
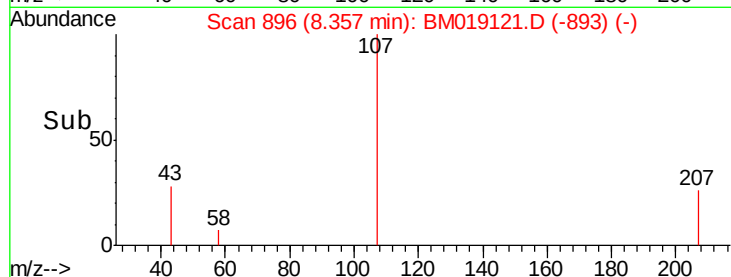
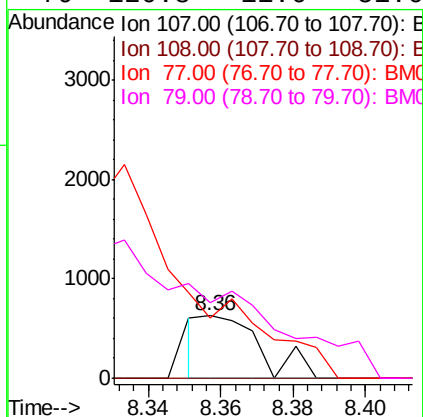
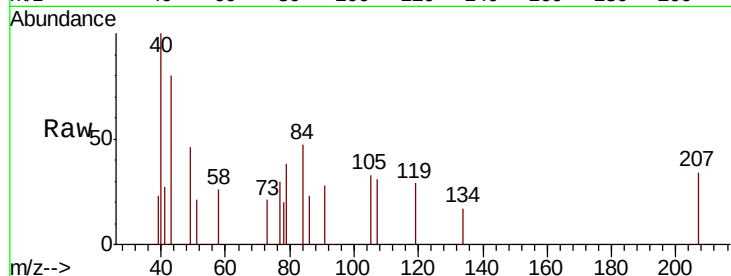




#20
3+4-Methylphenols
Concen: 0.037 ng
RT: 8.36 min Scan# 896
Delta R.T. -0.08 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

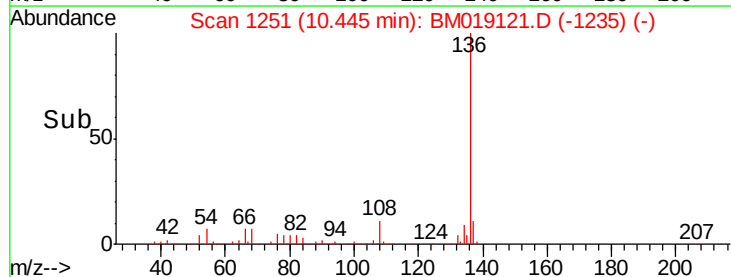
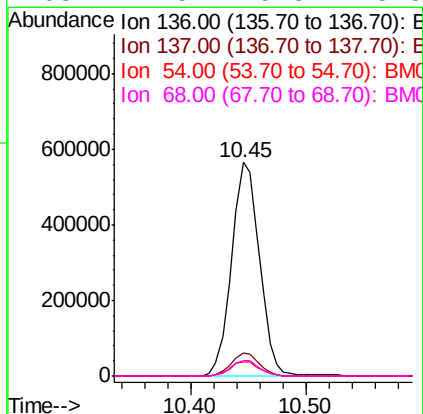
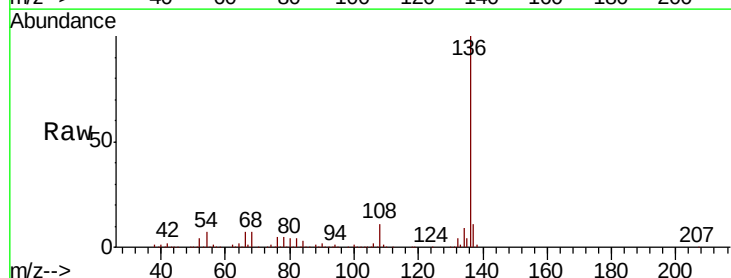
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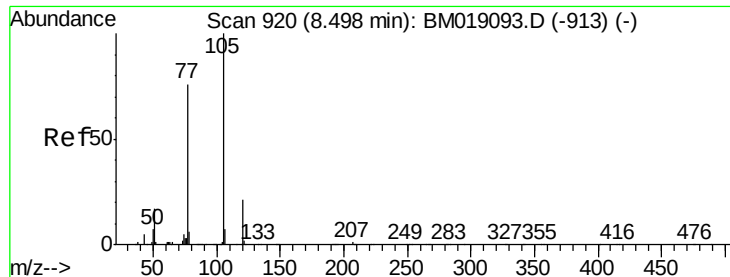
Tot Ion:	107	Resp:	708
Ion	Ratio	Lower	Upper
107	100		
108	0.0	67.0	107.0#
77	97.0	17.3	57.3#
79	120.8	11.6	51.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:	136	Resp:	949432
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.2	7.8
68	7.5	5.8	8.8





#22

Acetophenone

Concen: 0.319 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

Tot Ion:105 Resp: 8374

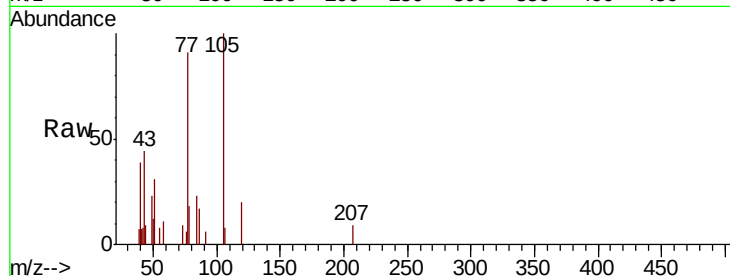
Ion Ratio Lower Upper

105 100

71 0.0 0.8 1.2#

51 30.6 15.8 23.6#

120 20.2 17.0 25.4

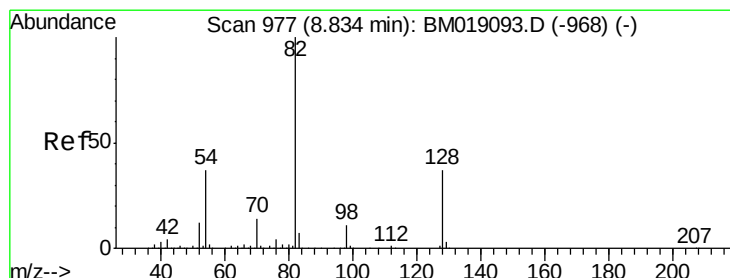
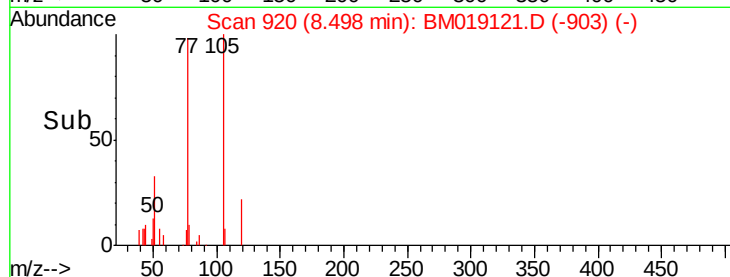
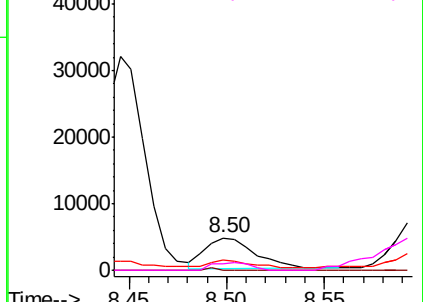


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.778 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

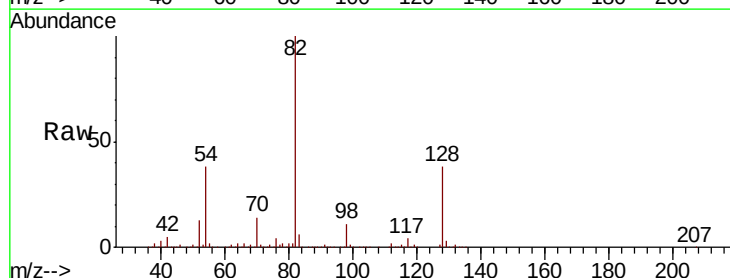
Tgt Ion: 82 Resp: 1923717

Ion Ratio Lower Upper

82 100

128 38.2 29.4 44.2

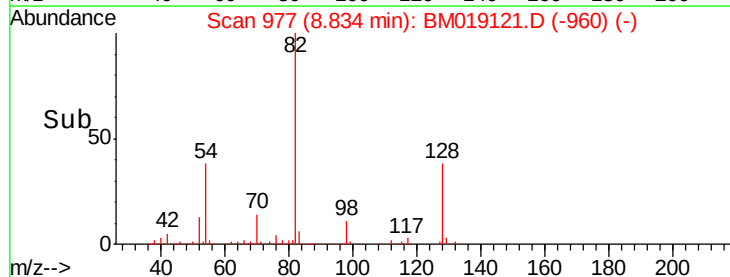
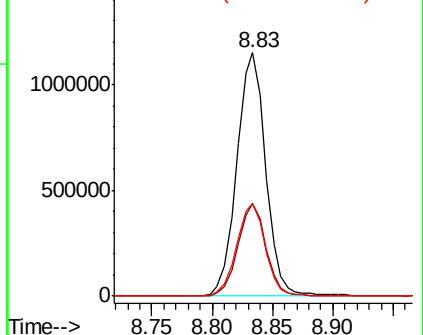
54 37.9 29.9 44.9

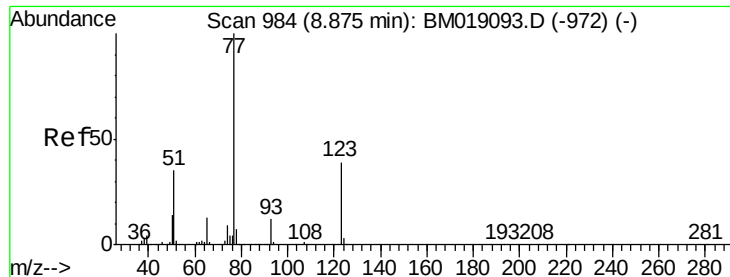


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#24

Nitrobenzene

Concen: 0.637 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

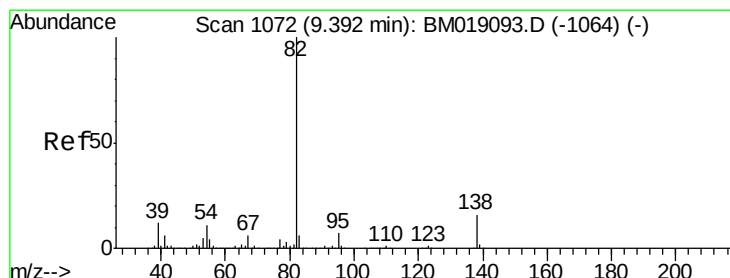
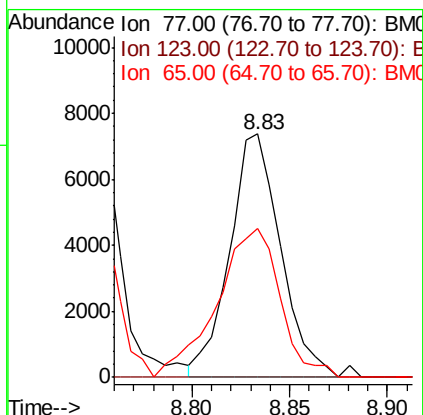
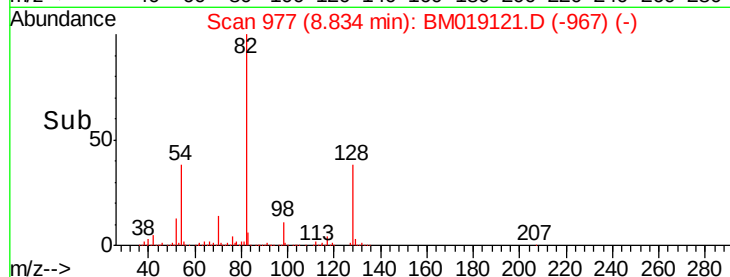
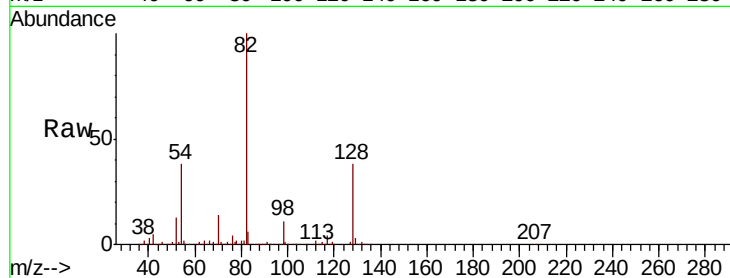
Tot Ion: 77 Resp: 13310

Ion Ratio Lower Upper

77 100

123 0.0 31.3 46.9#

65 61.0 10.5 15.7#



#25

Isophorone

Concen: 0.020 ng

RT: 9.40 min Scan# 1074

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

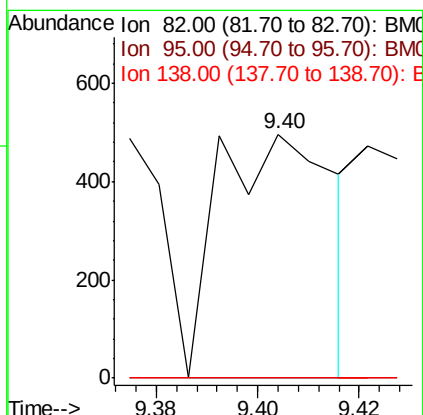
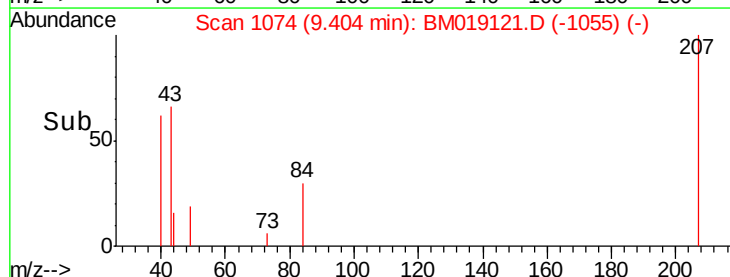
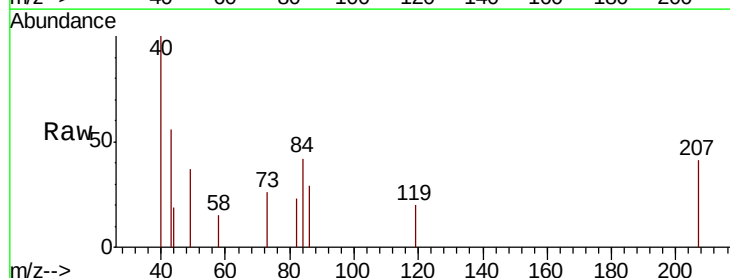
Tgt Ion: 82 Resp: 782

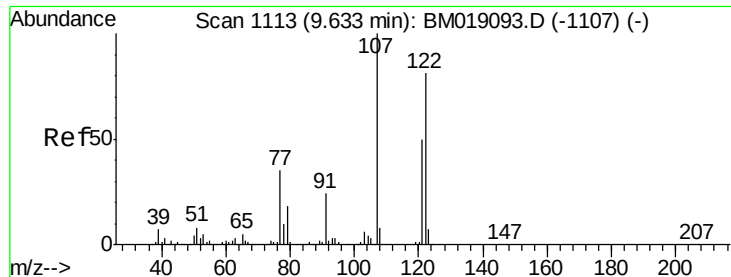
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.6 18.8#

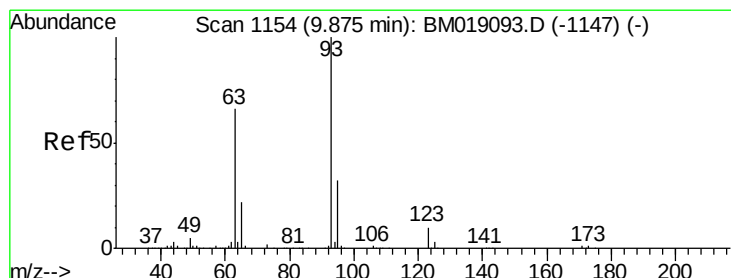
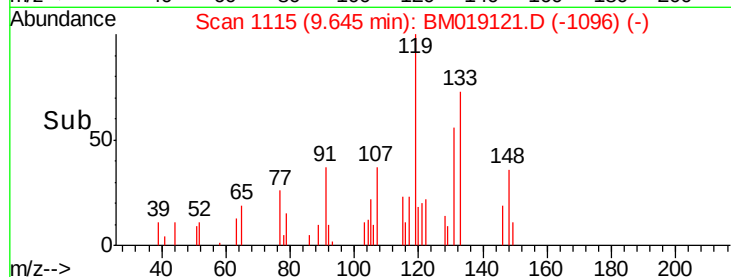
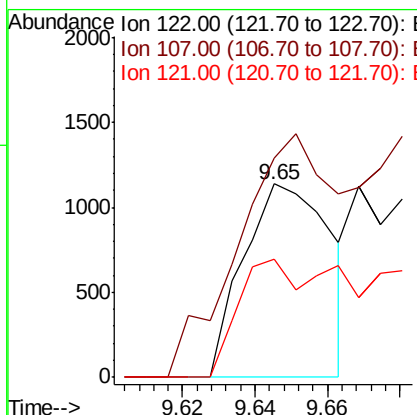
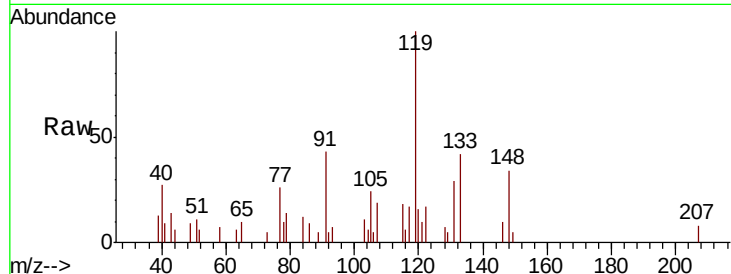




#27
2,4-Dimethylphenol
Concen: 0.147 ng
RT: 9.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

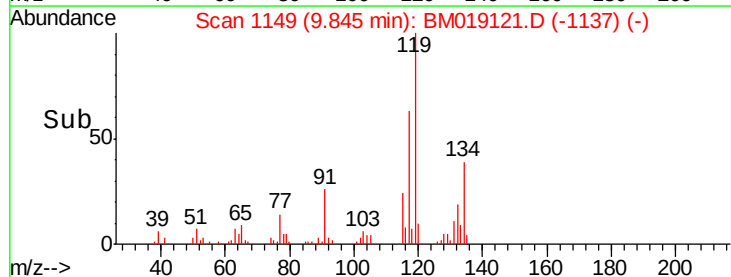
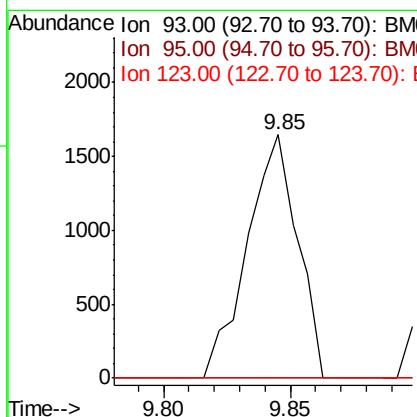
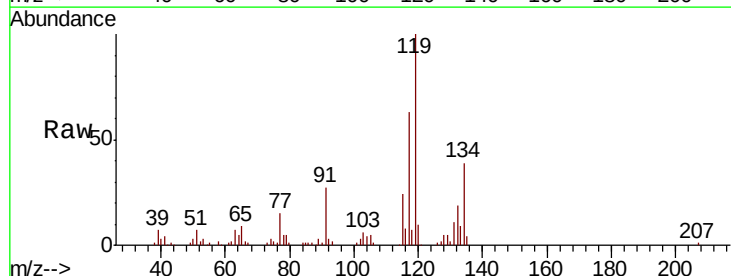
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

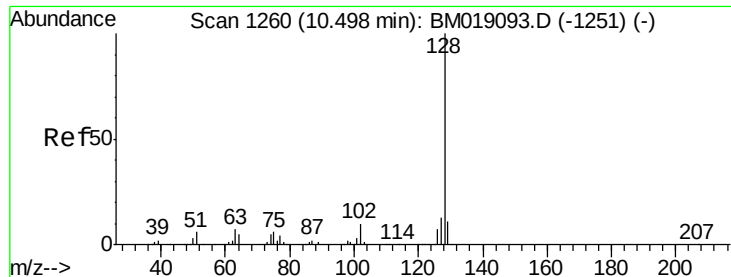
Tot Ion:122 Resp: 1891
Ion Ratio Lower Upper
122 100
107 113.5 98.2 147.4
121 60.9 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 0.100 ng
RT: 9.85 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion: 93 Resp: 2280
Ion Ratio Lower Upper
93 100
95 0.0 25.8 38.8#
123 0.0 7.9 11.9#

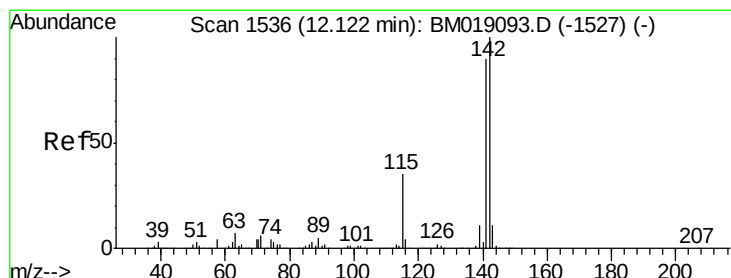
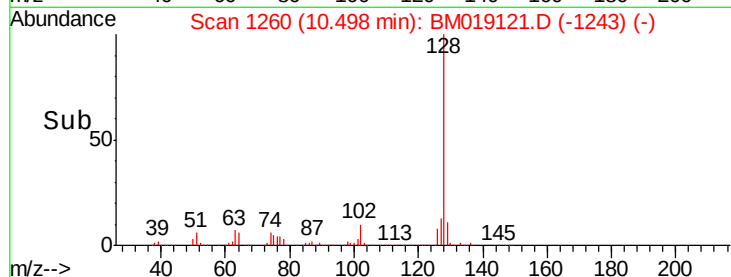
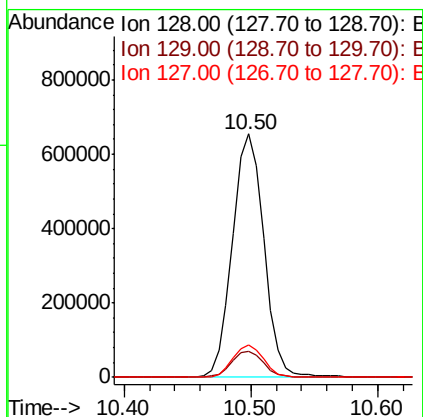
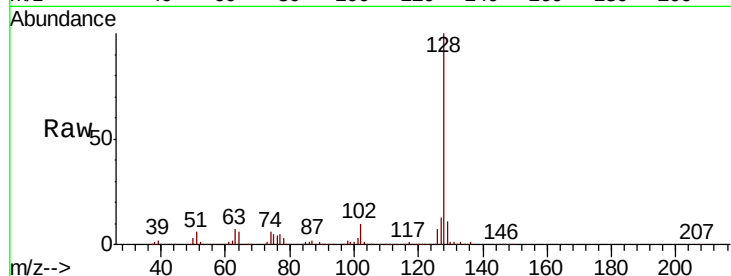




#31
Naphthalene
Concen: 22.513 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

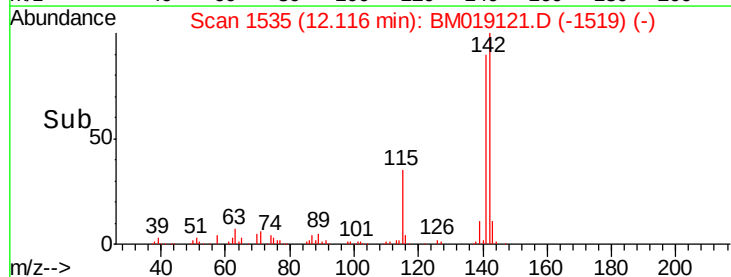
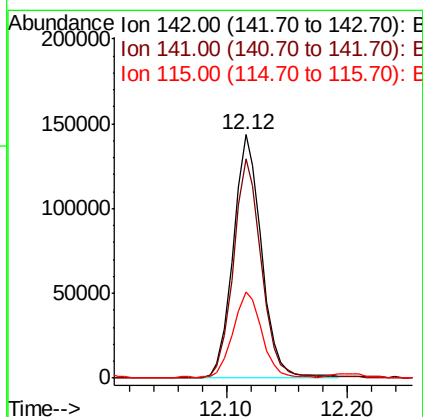
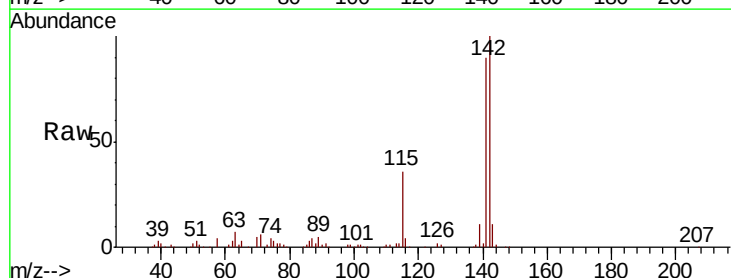
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

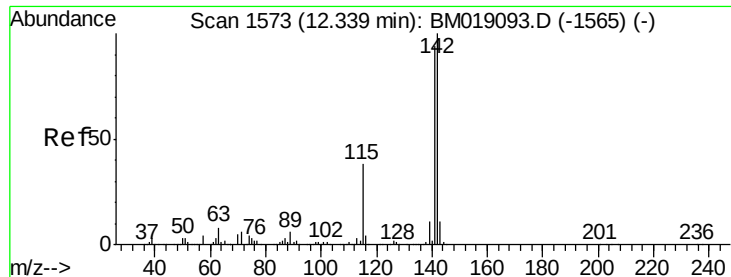
Tot Ion:128 Resp: 1126612
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.4 15.6



#37
2-Methylnaphthalene
Concen: 6.460 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:142 Resp: 234905
Ion Ratio Lower Upper
142 100
141 89.9 72.3 108.5
115 35.6 27.8 41.8

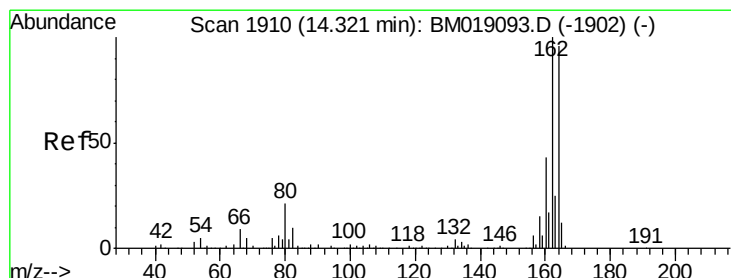
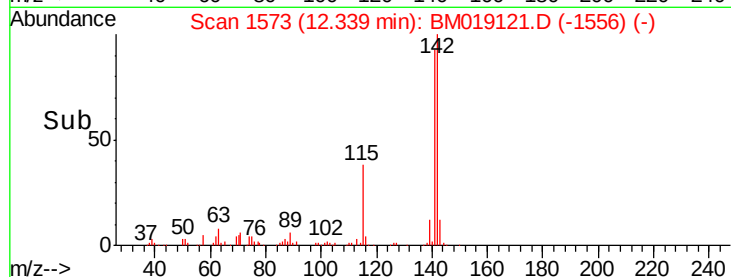
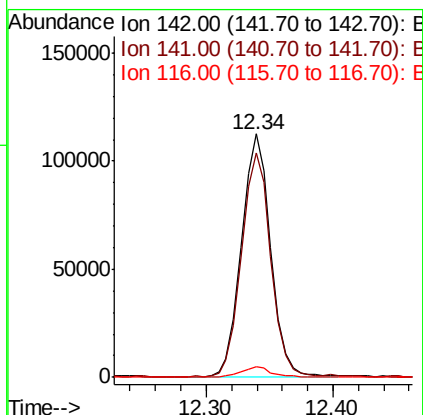
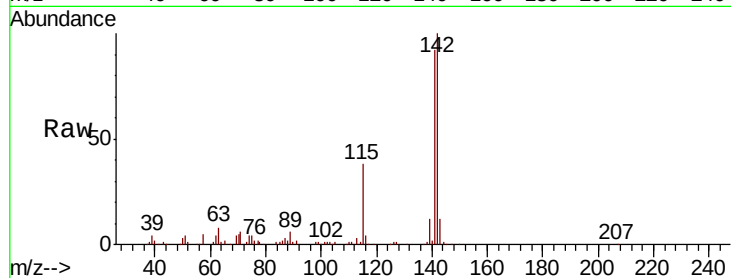




#38
1-Methylnaphthalene
Concen: 5.018 ng
RT: 12.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

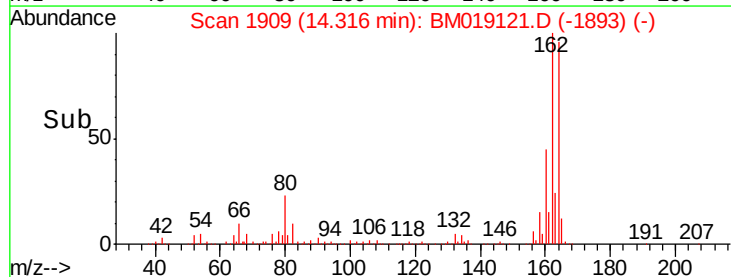
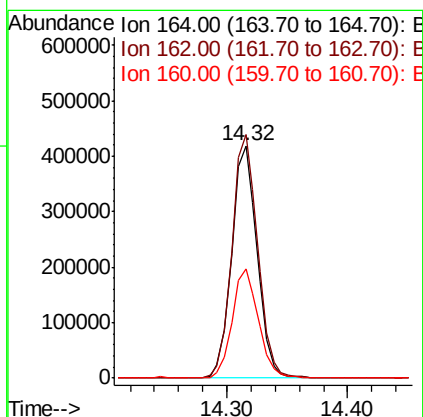
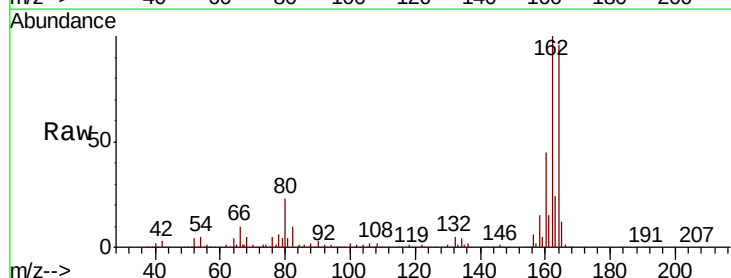
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

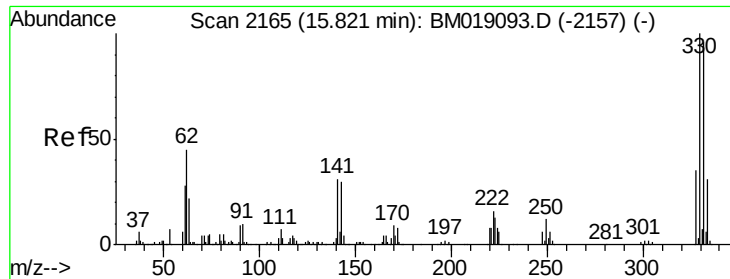
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.9	112.3
116	4.4	3.2	4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	46.8	36.3	54.5



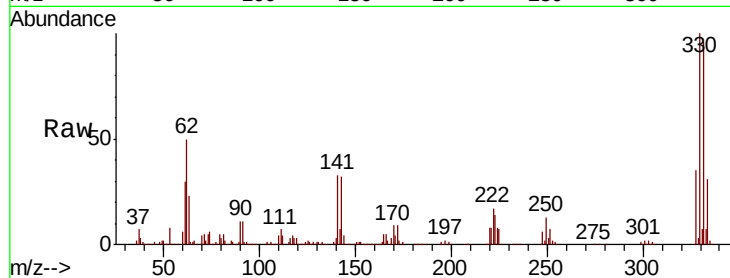


#42
 2,4,6-Tribromophenol
 Concen: 164.616 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019121.D
 Acq: 12 Mar 2019 20:44

Instrument :
 BNA_M
 ClientSampleId :
 PR-MW-05_030819

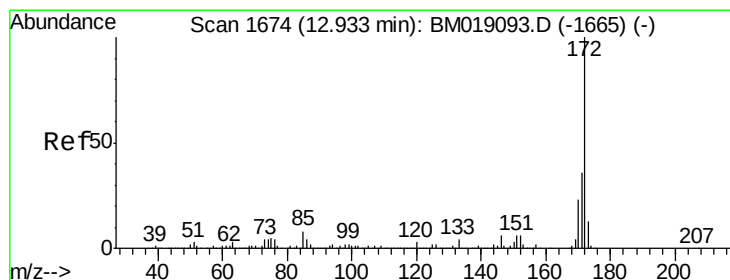
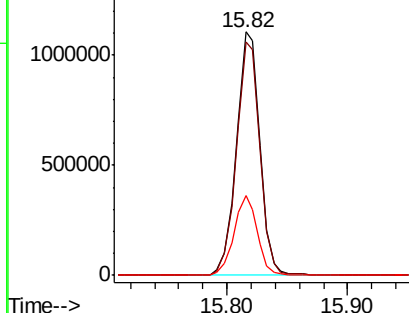
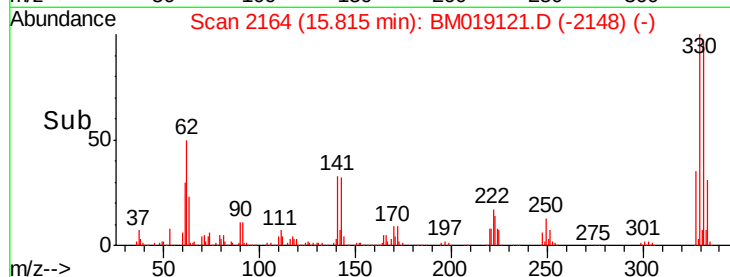
Tot Ion:330 Resp: 1493726

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	32.8	27.0	40.4



Abundance

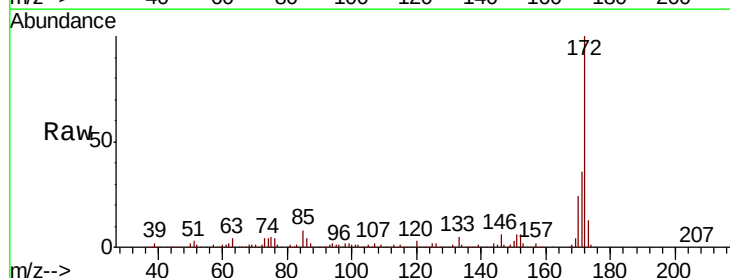
Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.716 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019121.D
 Acq: 12 Mar 2019 20:44

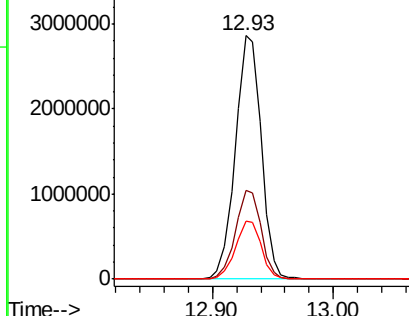
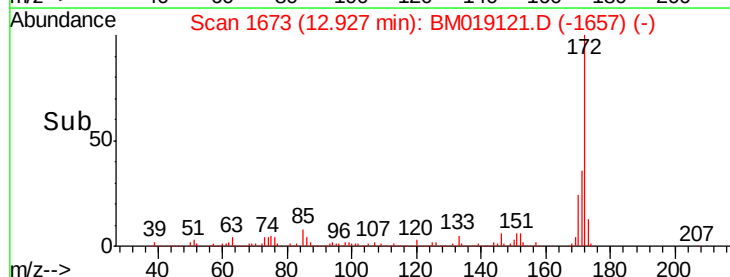
Tgt Ion:172 Resp: 4286118

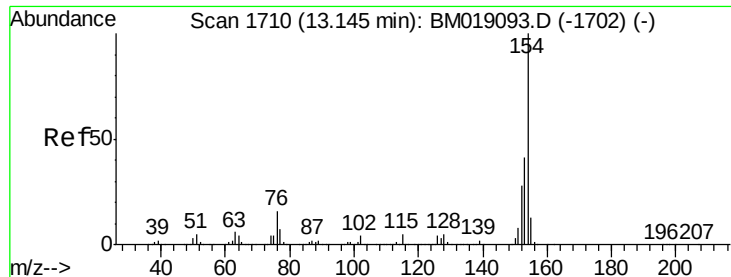
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.6	18.6	28.0



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: 0.508 ng

RT: 13.15 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

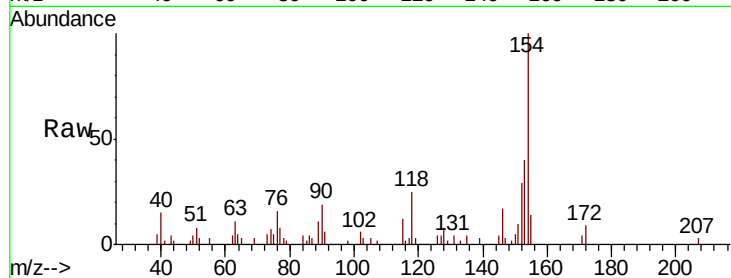
Tot Ion:154 Resp: 27267

Ion Ratio Lower Upper

154 100

153 40.0 21.5 61.5

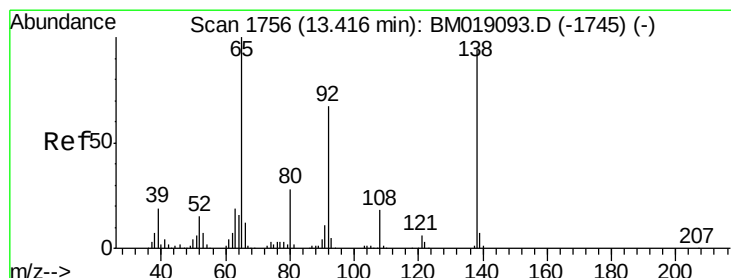
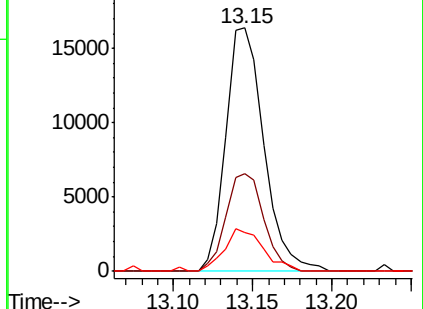
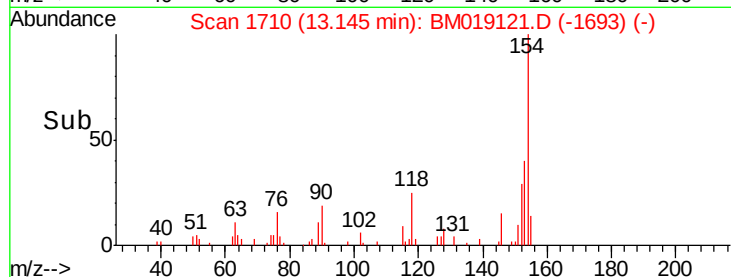
76 16.1 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#48

2-Nitroaniline

Concen: 0.033 ng

RT: 13.36 min Scan# 1746

Delta R.T. -0.06 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

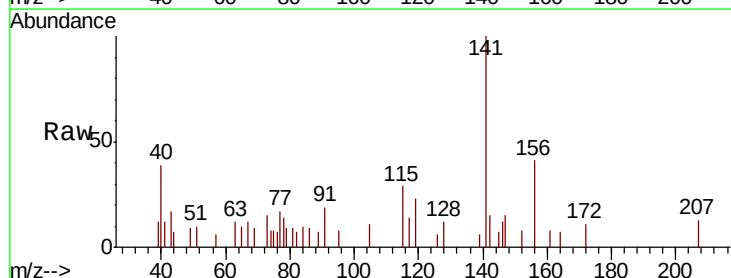
Tgt Ion: 65 Resp: 447

Ion Ratio Lower Upper

65 100

92 0.0 53.4 80.2#

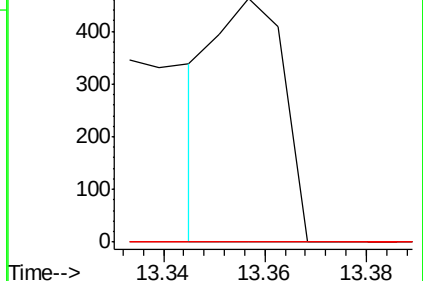
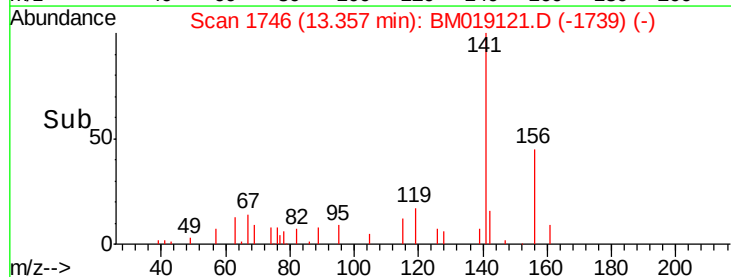
138 0.0 74.9 112.3#

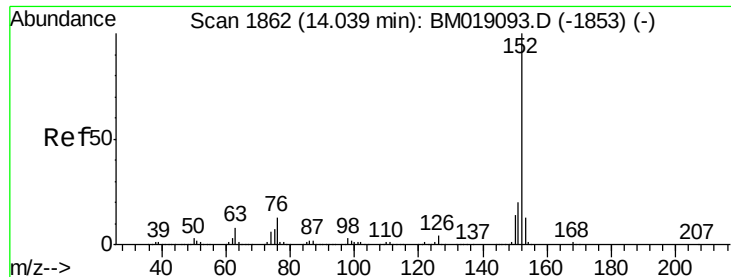


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.013 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

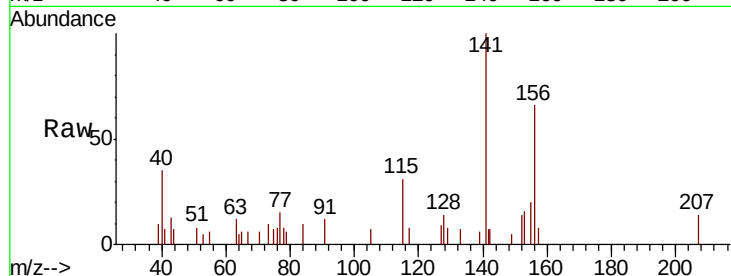
Tot Ion:152 Resp: 866

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.2#

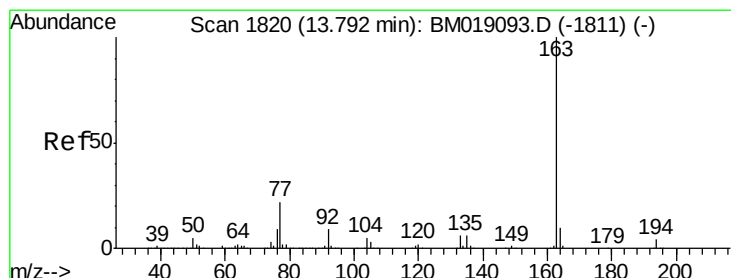
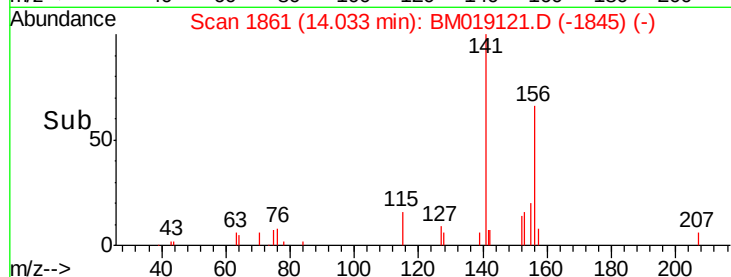
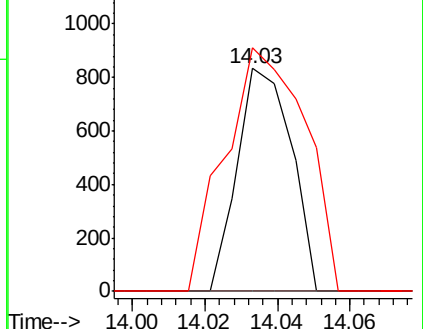
153 109.2 10.6 15.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.034 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

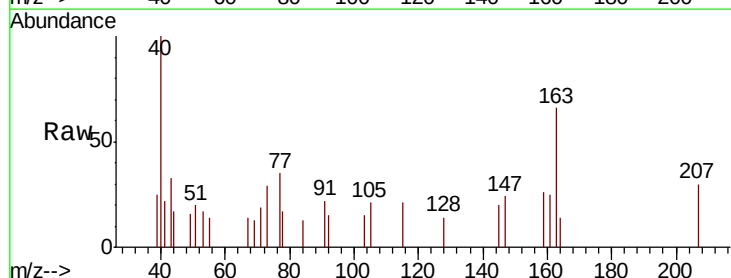
Tgt Ion:163 Resp: 1798

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

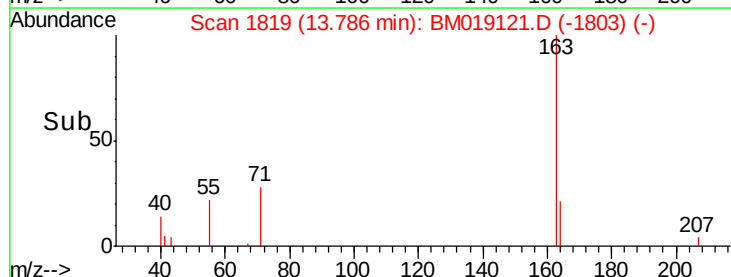
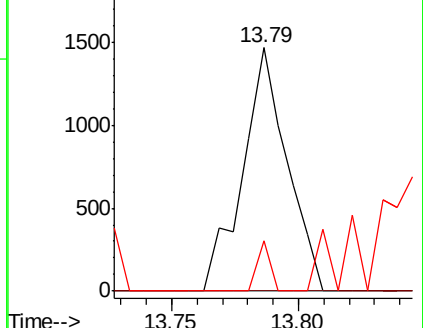
164 20.6 7.7 11.5#

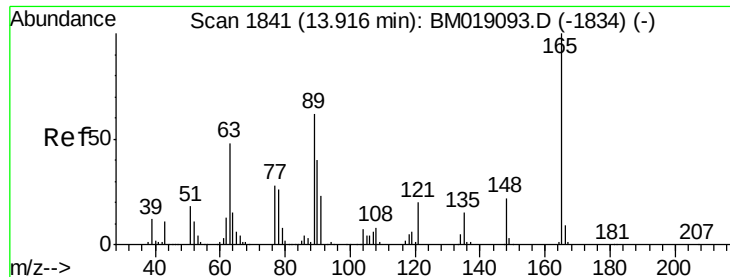


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

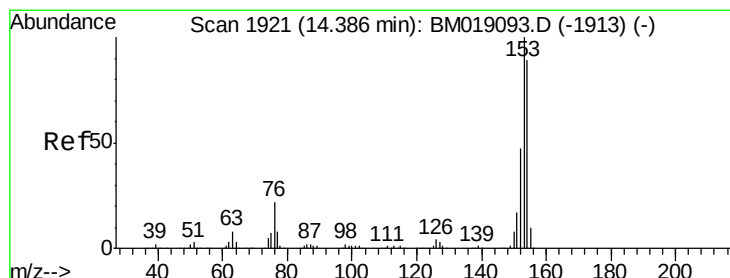
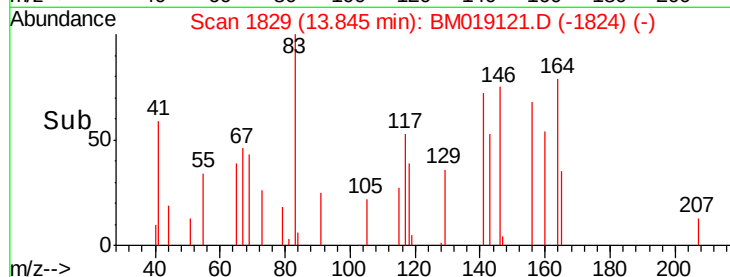
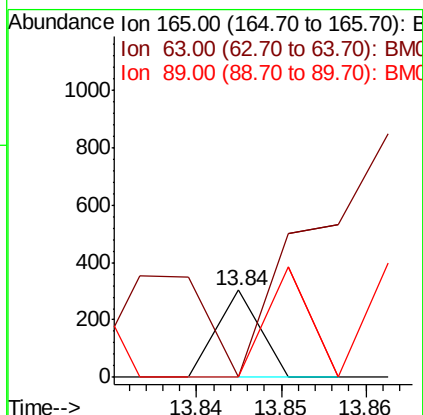
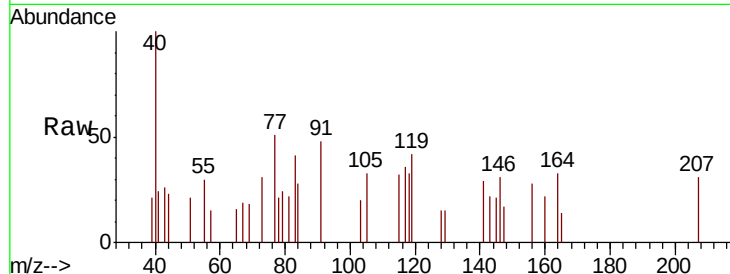




#51
2,6-Dinitrotoluene
Concen: 0.009 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.07 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

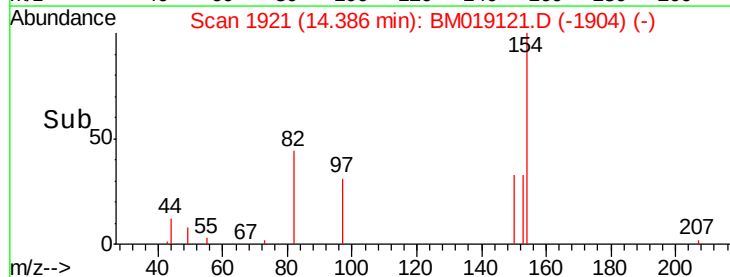
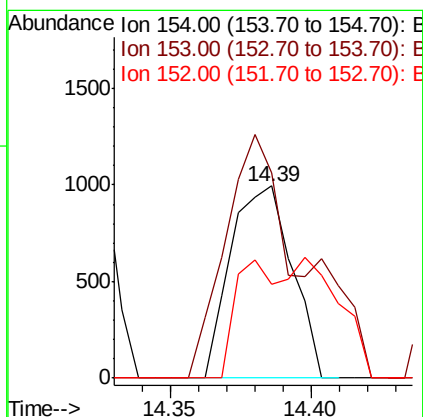
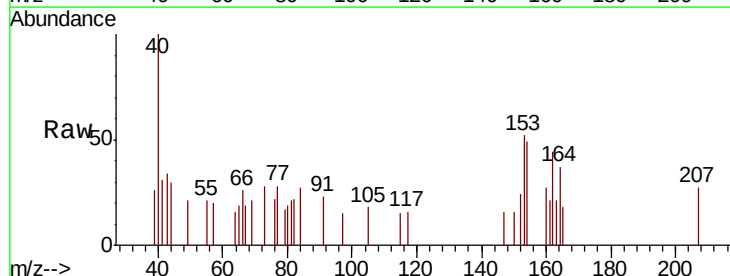
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

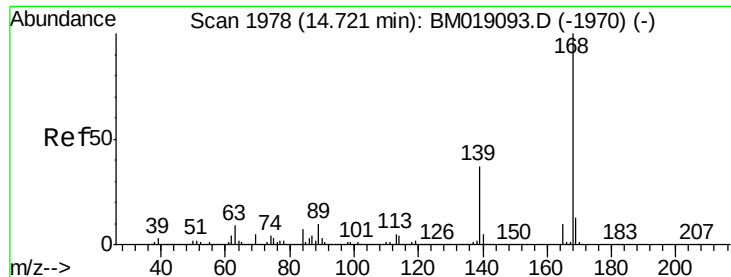
Tot Ion:165 Resp: 107
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.4#
89 0.0 49.3 73.9#



#52
Acenaphthene
Concen: 0.038 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:154 Resp: 1495
Ion Ratio Lower Upper
154 100
153 106.8 90.1 135.1
152 49.1 42.5 63.7

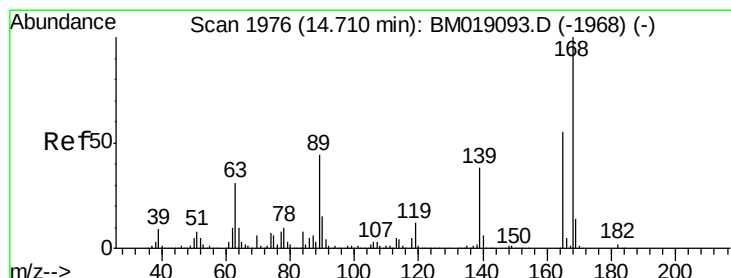
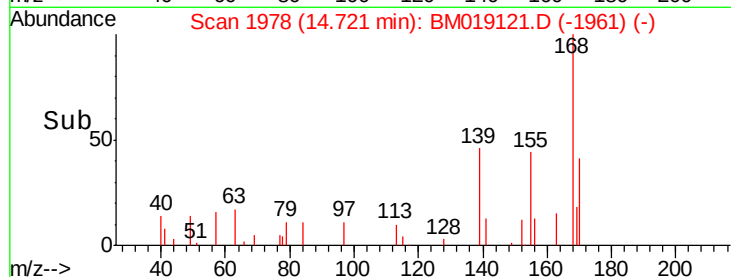
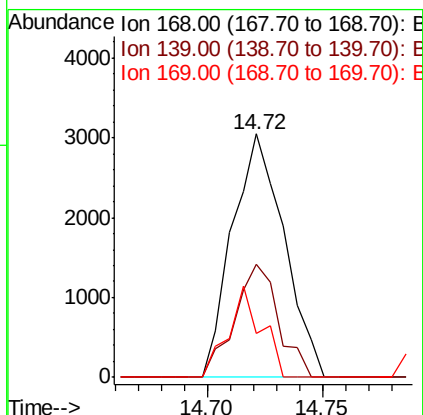
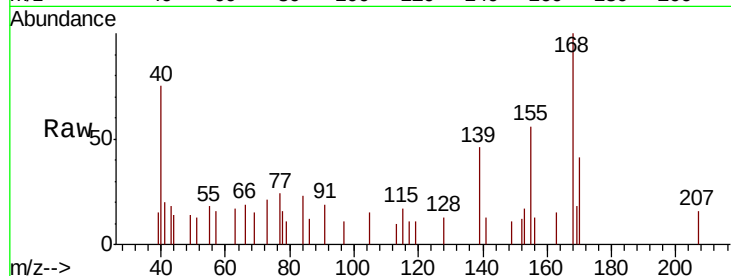




#55
Dibenzofuran
Concen: 0.076 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

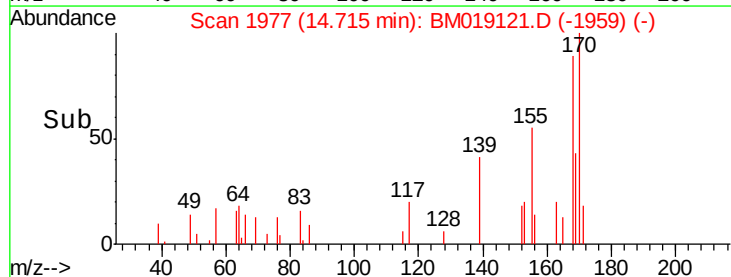
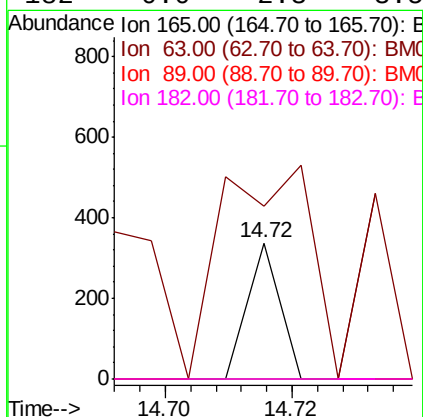
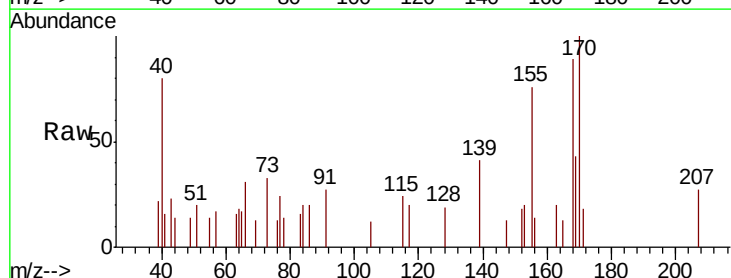
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

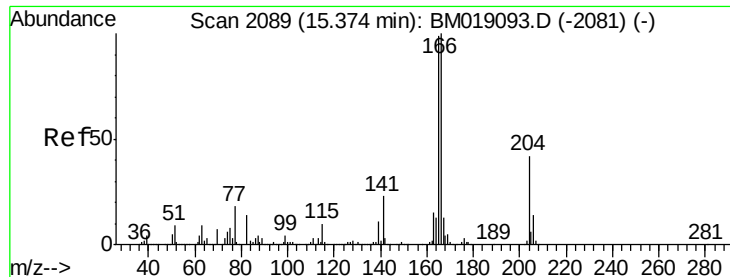
Tot Ion:168 Resp: 4767
Ion Ratio Lower Upper
168 100
139 46.4 30.1 45.1#
169 18.1 10.6 16.0#



#57
2,4-Dinitrotoluene
Concen: 0.007 ng
RT: 14.72 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:165 Resp: 119
Ion Ratio Lower Upper
165 100
63 126.9 44.7 67.1#
89 0.0 63.4 95.2#
182 0.0 2.3 3.5#





#58

Fluorene

Concen: 0.075 ng

RT: 15.37 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

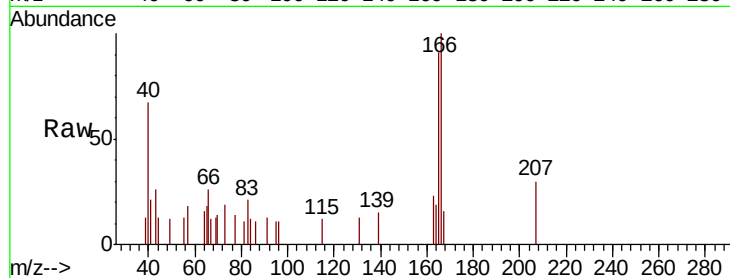
Tot Ion:166 Resp: 3856

Ion Ratio Lower Upper

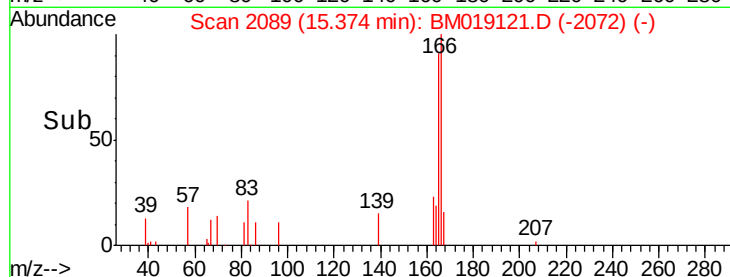
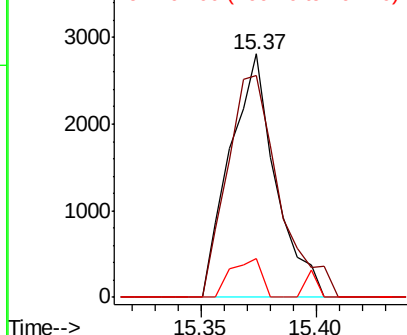
166 100

165 90.9 79.0 118.4

167 16.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.123 ng

RT: 15.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

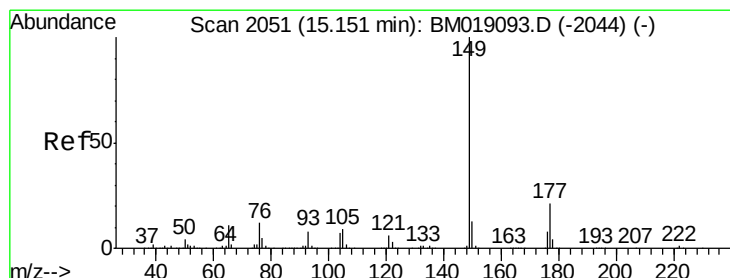
Tgt Ion:149 Resp: 6551

Ion Ratio Lower Upper

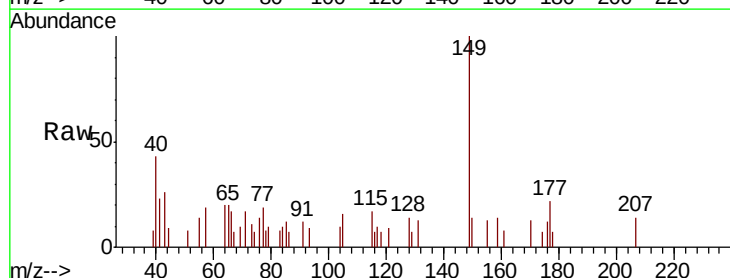
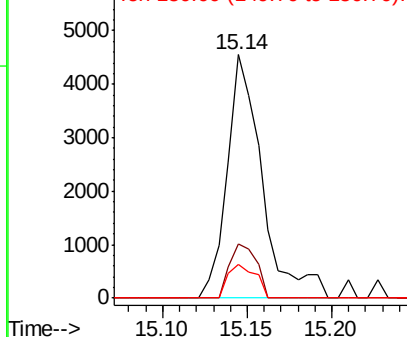
149 100

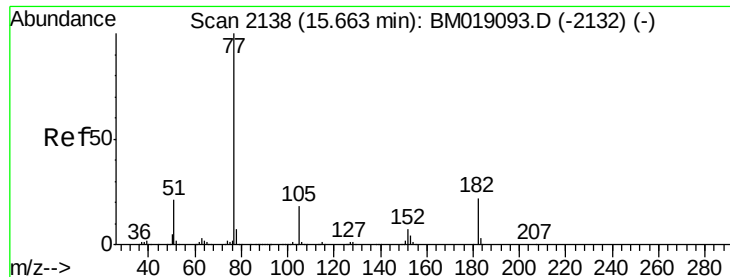
177 22.4 17.0 25.6

150 14.1 10.2 15.4



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: 0.025 ng

RT: 15.69 min Scan# 2142

Delta R.T. 0.02 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

Tot Ion: 77 Resp: 1411

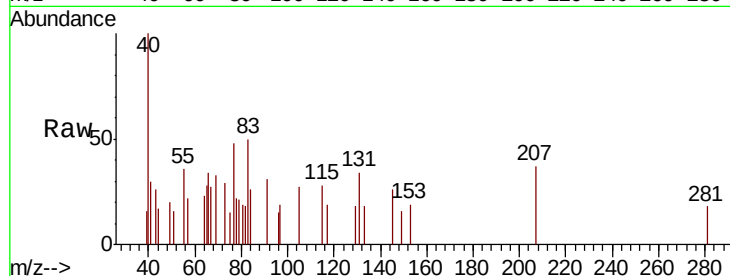
Ion Ratio Lower Upper

77 100

182 0.0 1.8 41.8#

105 57.1 0.0 38.3#

51 32.4 0.8 40.8

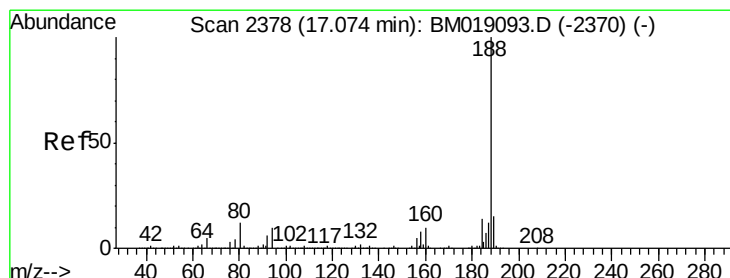
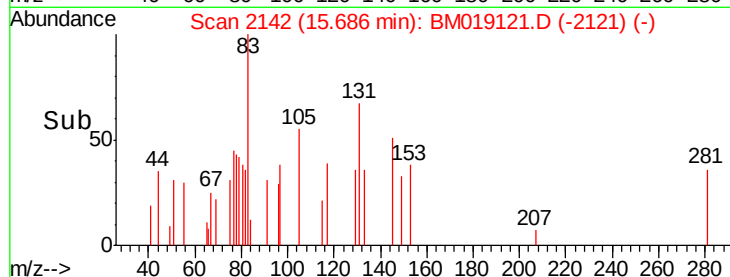
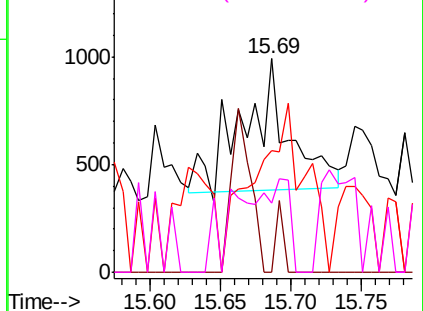


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

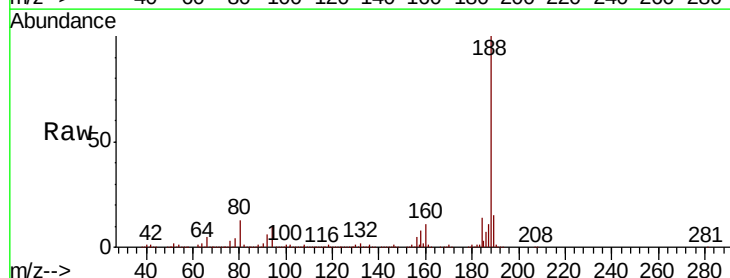
Tgt Ion: 188 Resp: 1420812

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

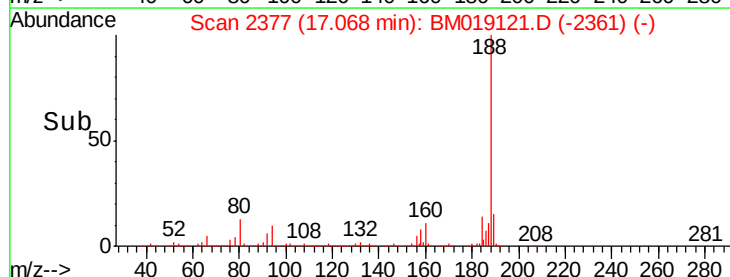
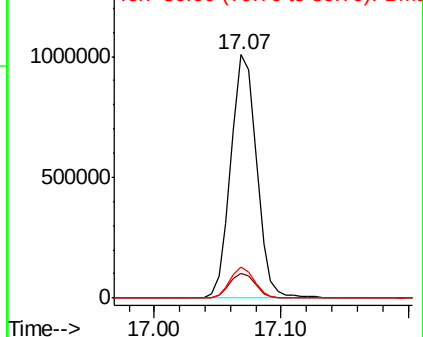
80 12.7 9.7 14.5

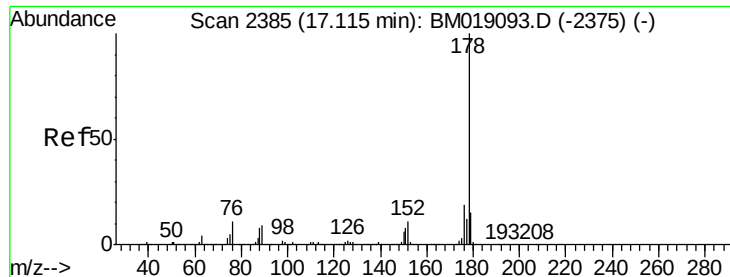


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

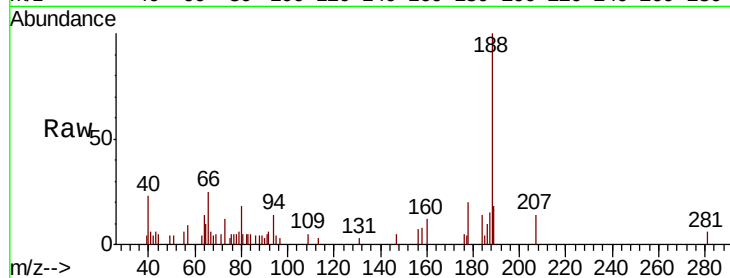




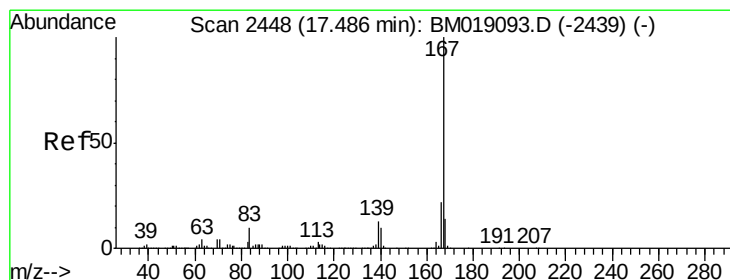
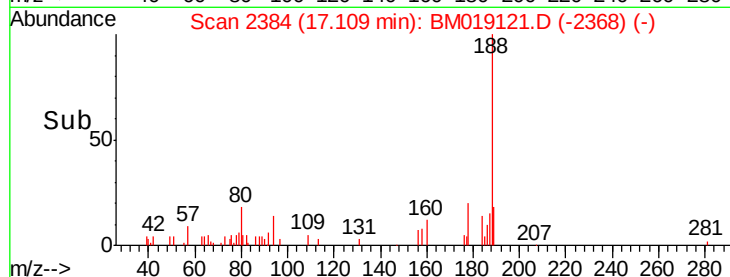
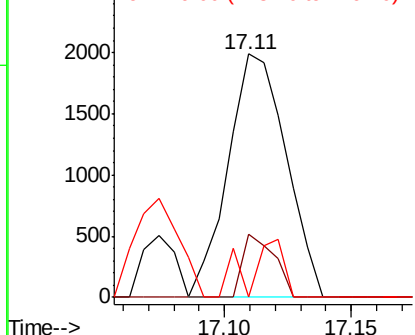
#71
Phenanthrene
Concen: 0.038 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:178 Resp: 3173
Ion Ratio Lower Upper
178 100
176 26.0 15.3 22.9#
179 0.0 12.2 18.2#

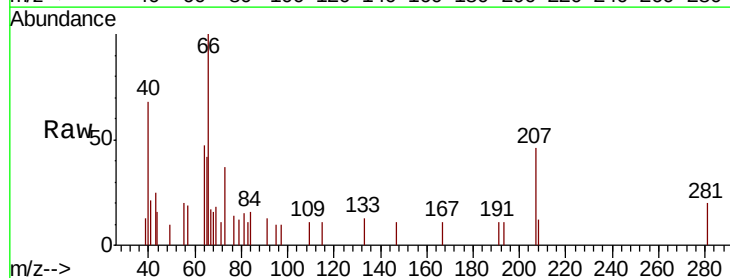


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

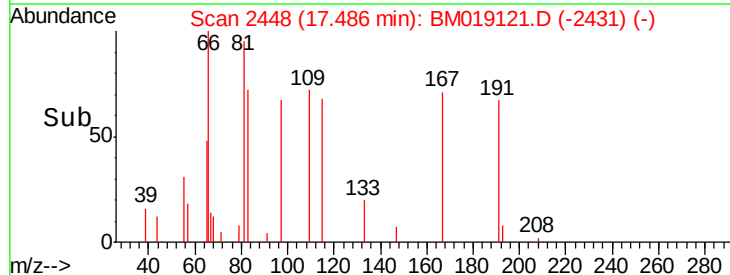
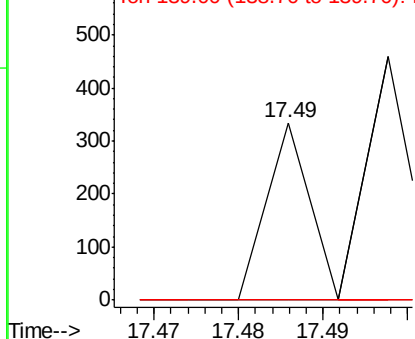


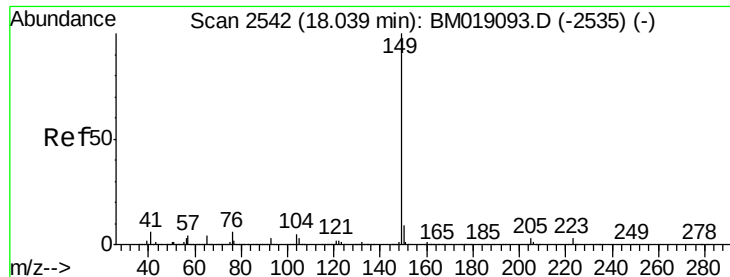
#73
Carbazole
Concen: 0.002 ng
RT: 17.49 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:167 Resp: 118
Ion Ratio Lower Upper
167 100
166 0.0 17.8 26.8#
139 0.0 10.5 15.7#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

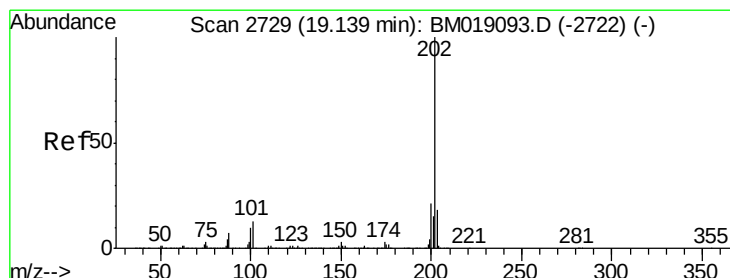
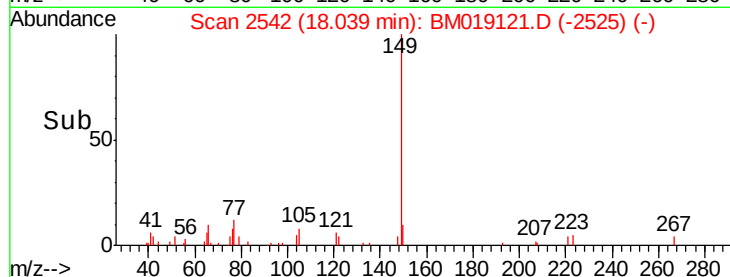
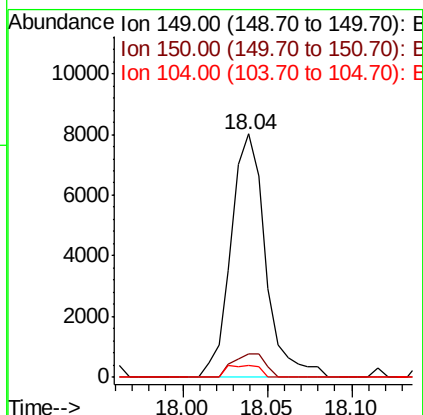
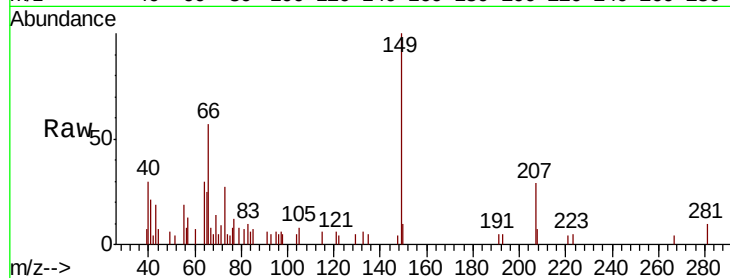




#74
Di-n-butylphthalate
Concen: 0.123 ng
RT: 18.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

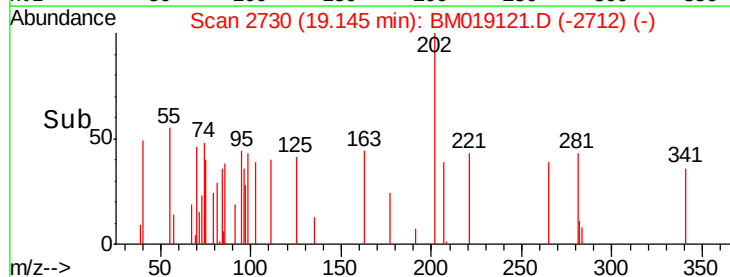
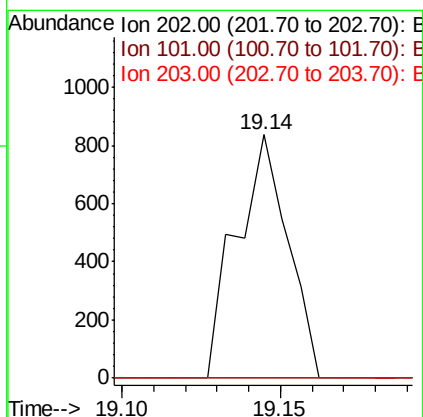
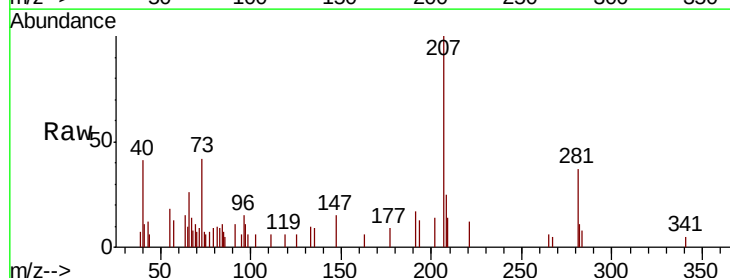
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

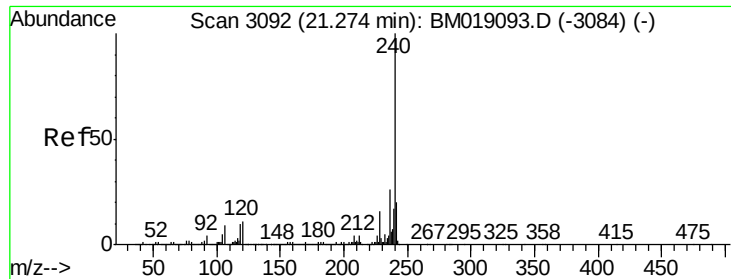
Tot Ion:149 Resp: 11462
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.0
104 4.7 4.2 6.4



#75
Fluoranthene
Concen: 0.010 ng
RT: 19.14 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:202 Resp: 944
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.0
203 0.0 0.0 37.8

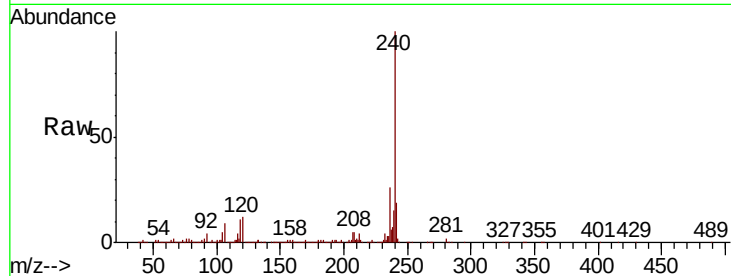




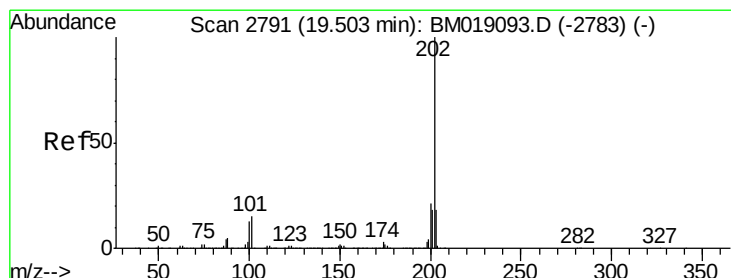
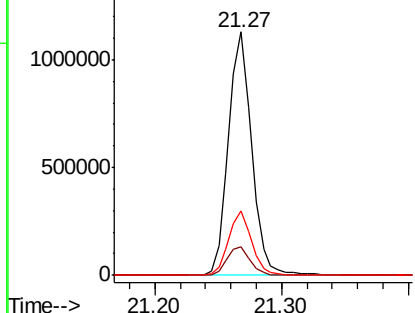
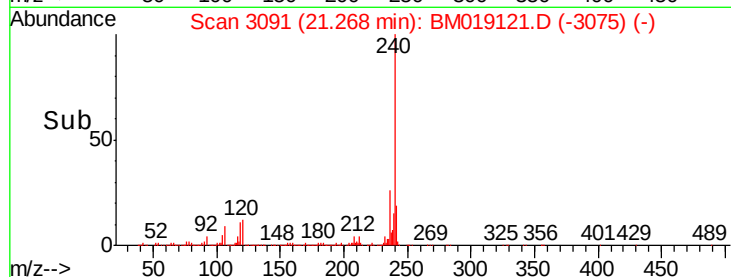
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

Tot Ion:240 Resp: 1434302
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 26.3 21.0 31.4

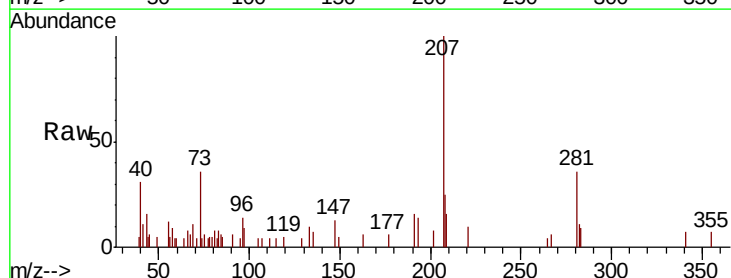


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

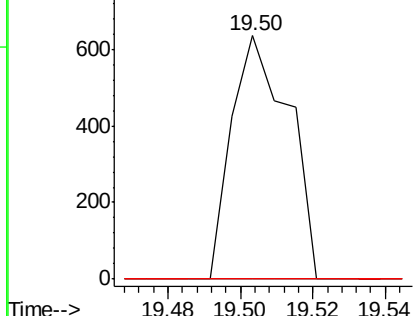
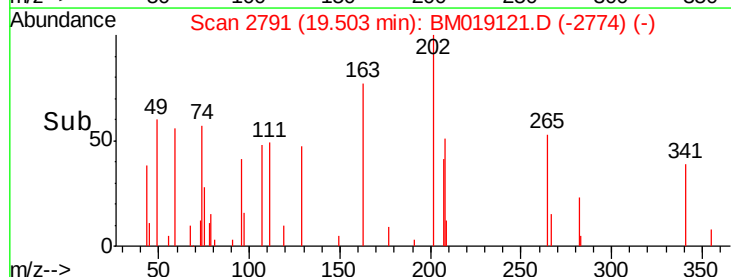


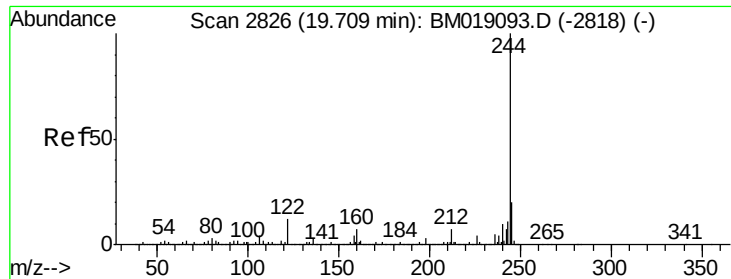
#78
Pyrene
Concen: 0.008 ng
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:202 Resp: 697
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 14.0 21.0#



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: 106.931 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

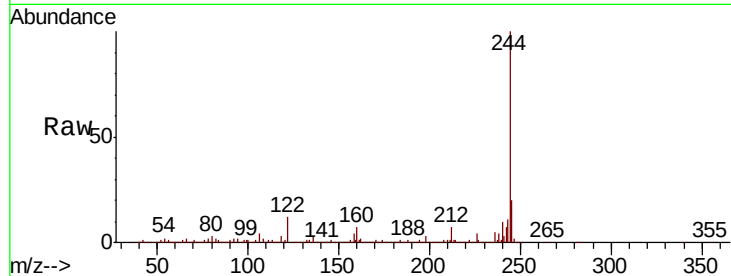
Tot Ion:244 Resp: 7725673

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

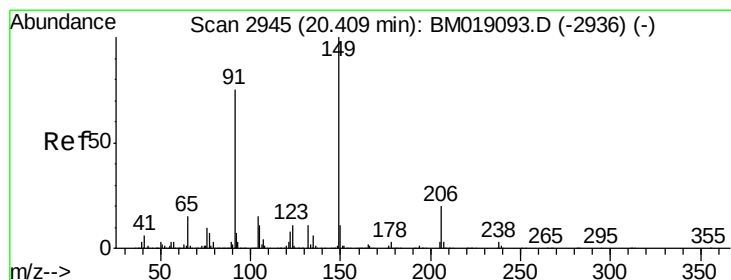
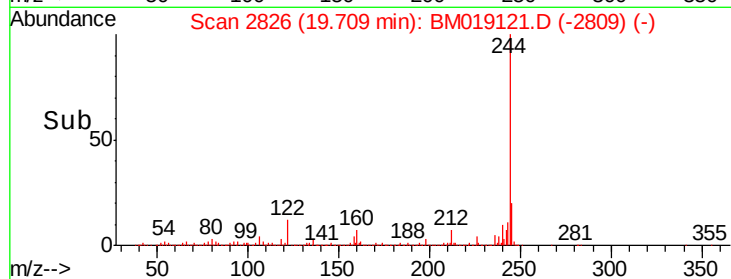
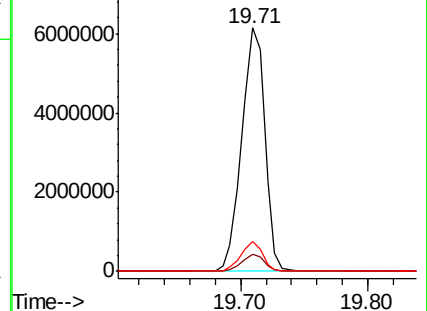
122 12.0 9.4 14.2



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: 0.027 ng

RT: 20.40 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

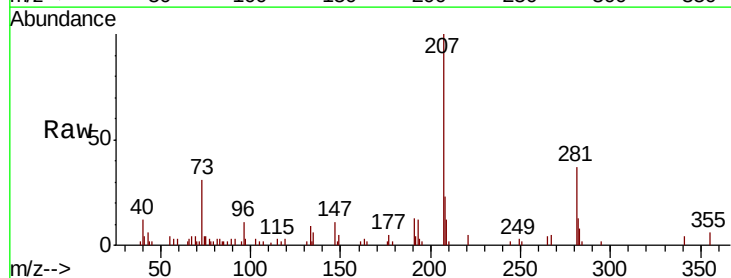
Tgt Ion:149 Resp: 1084

Ion Ratio Lower Upper

149 100

91 62.6 60.1 90.1

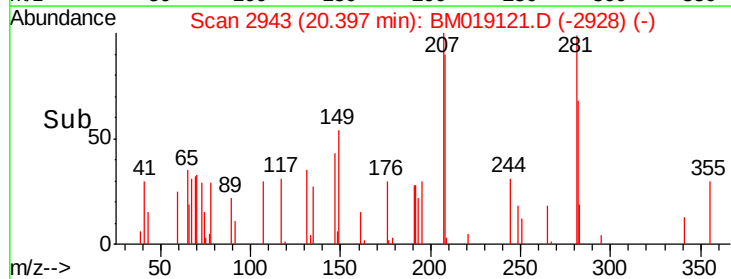
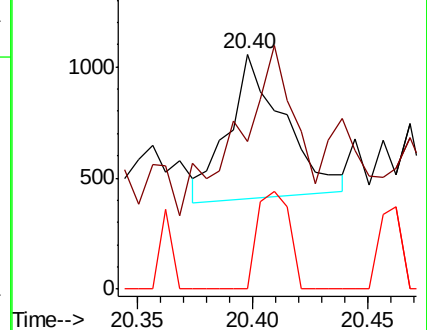
206 0.0 16.2 24.2#

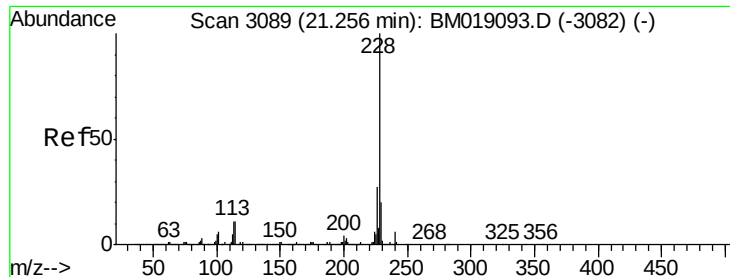


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.046 ng

RT: 21.27 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

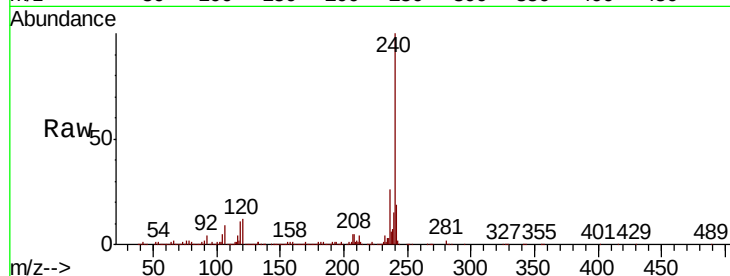
Tot Ion:228 Resp: 4114

Ion Ratio Lower Upper

228 100

226 11.9 21.8 32.8#

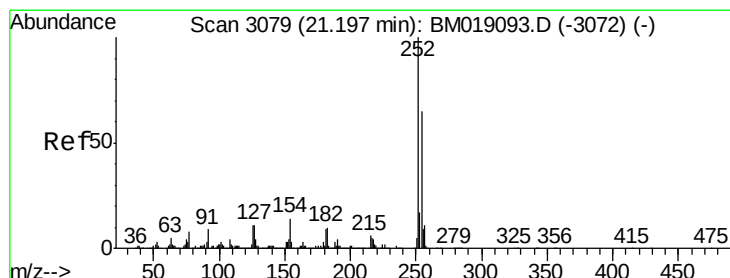
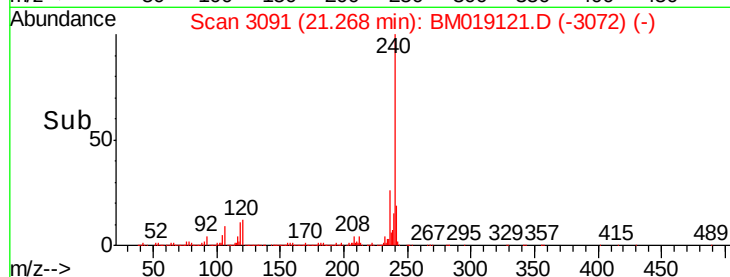
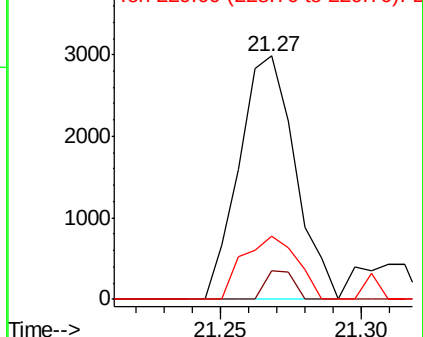
229 26.1 15.8 23.6#



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



#82

3,3'-Dichlorobenzidine

Concen: 0.004 ng

RT: 21.20 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

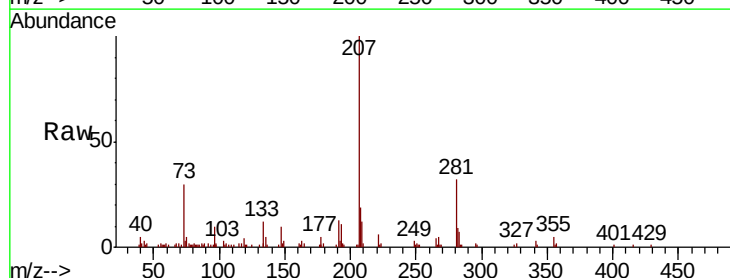
Tgt Ion:252 Resp: 142

Ion Ratio Lower Upper

252 100

254 0.0 52.4 78.6#

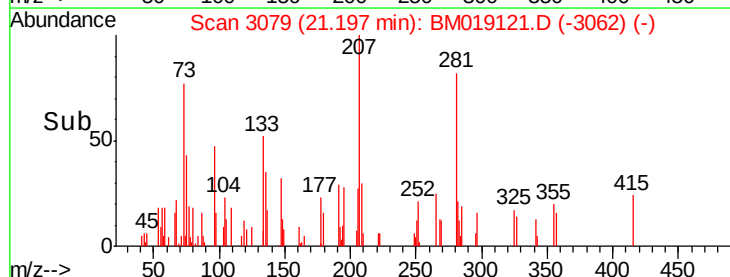
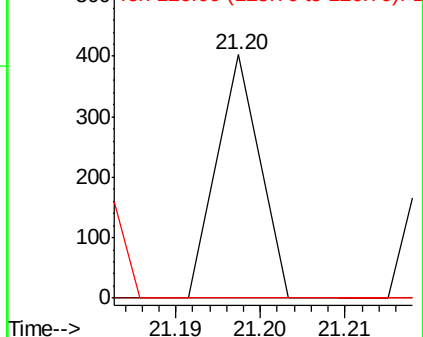
126 0.0 9.0 13.6#

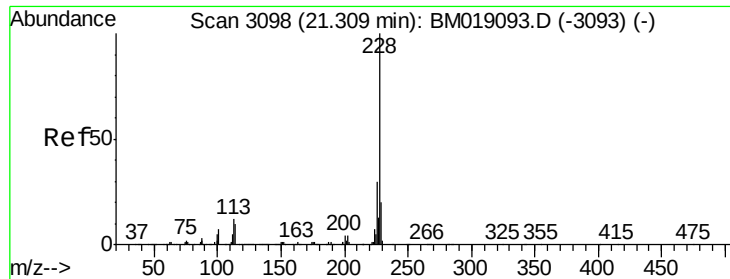


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.006 ng

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

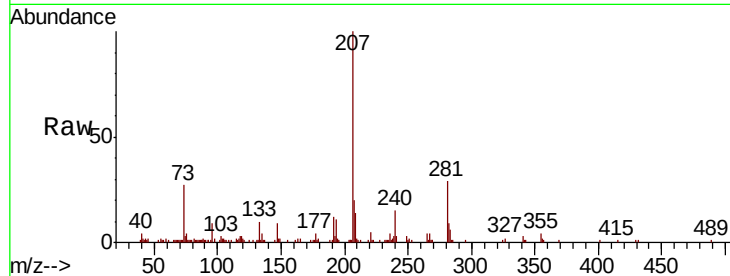
Tot Ion:228 Resp: 564

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

229 0.0 15.7 23.5#

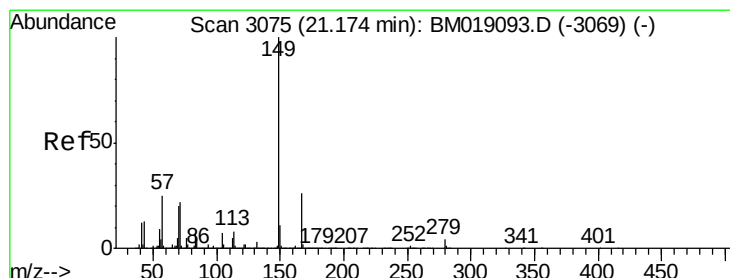
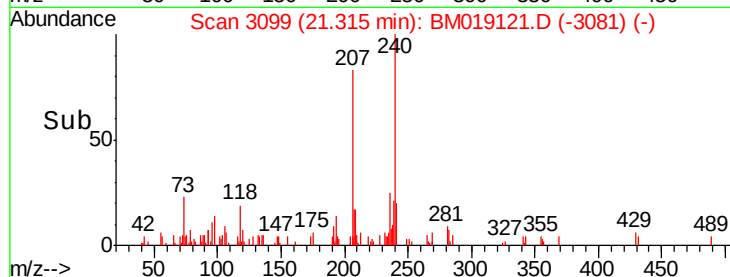
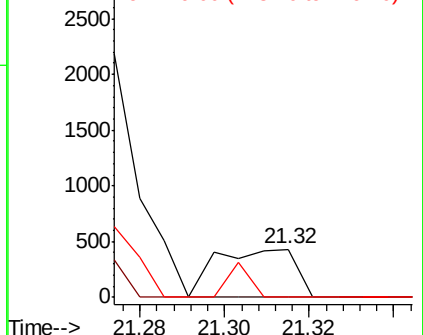


Abundance

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: 0.089 ng

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

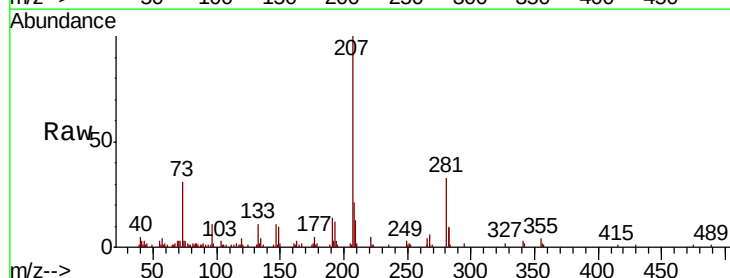
Tgt Ion:149 Resp: 5141

Ion Ratio Lower Upper

149 100

167 22.7 21.1 31.7

279 0.0 3.2 4.8#

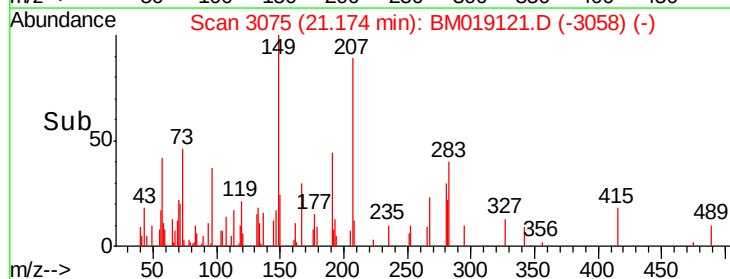
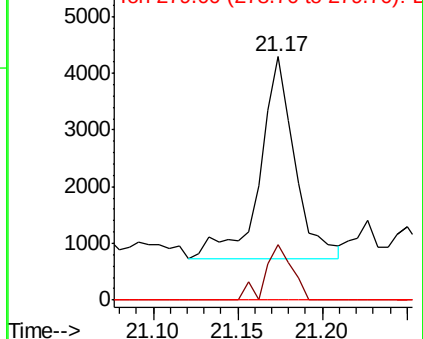


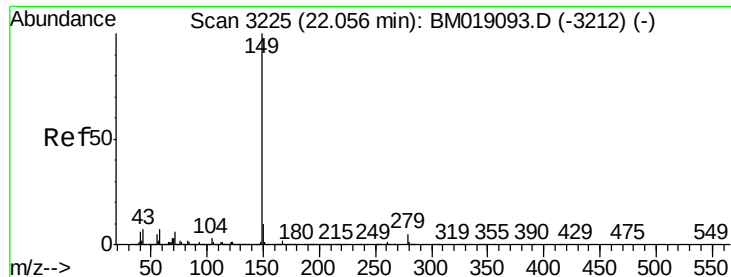
Abundance

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

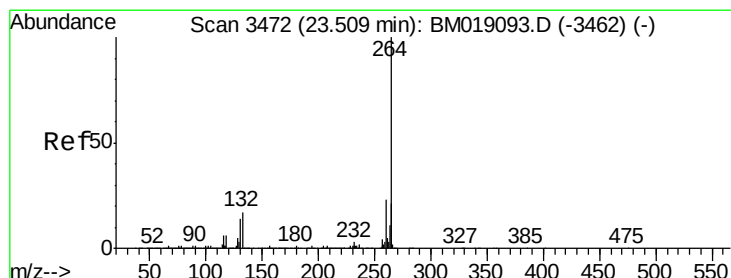
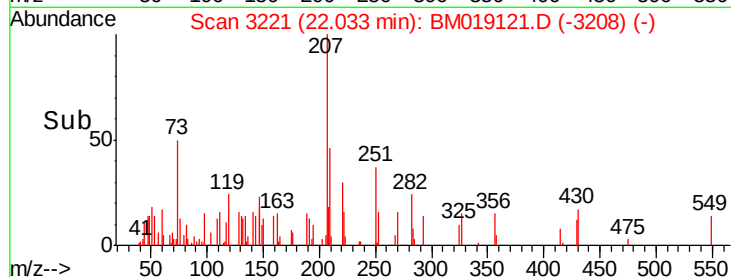
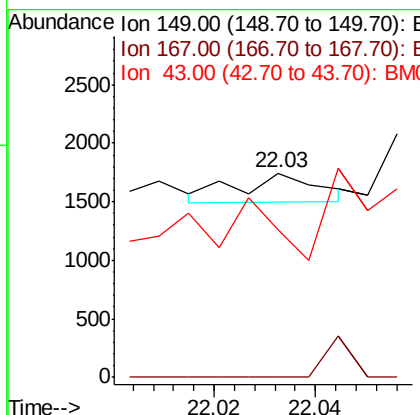
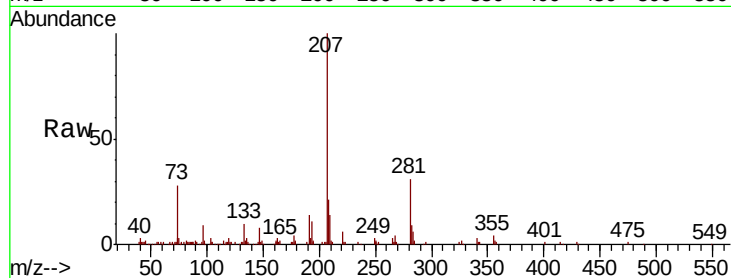




#85
Di-n-octyl phthalate
Concen: 0.003 ng
RT: 22.03 min Scan# 3221
Delta R.T. -0.02 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

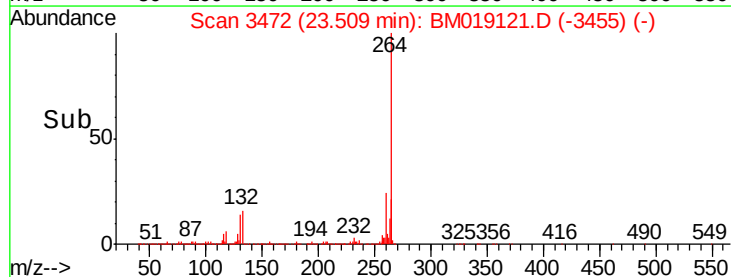
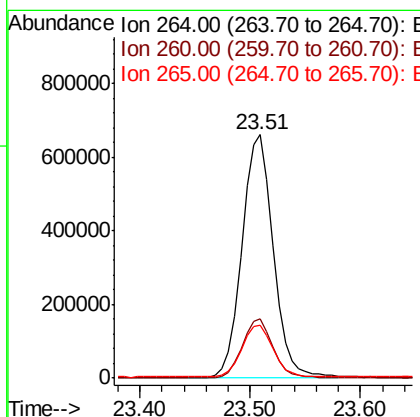
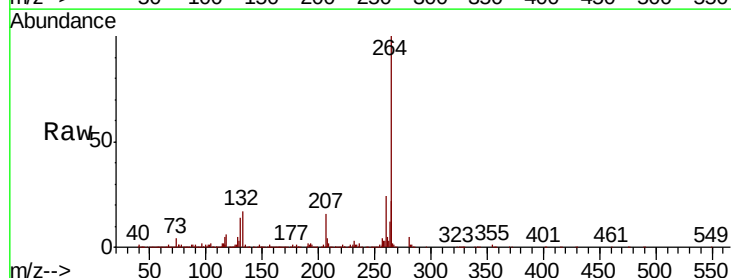
Instrument :
BNA_M
ClientSampleId :
PR-MW-05_030819

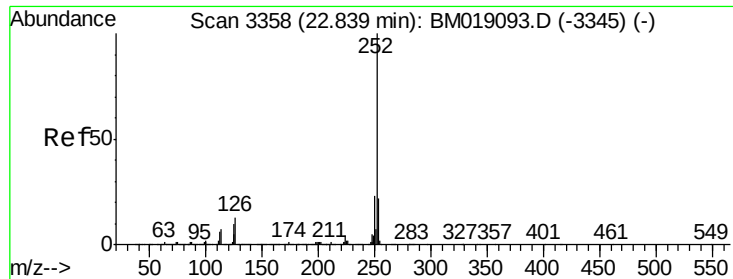
Tot Ion:149 Resp: 269
Ion Ratio Lower Upper
149 100
167 46.1 1.3 1.9#
43 0.0 6.1 9.1#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019121.D
Acq: 12 Mar 2019 20:44

Tgt Ion:264 Resp: 1321523
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.5 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 22.85 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

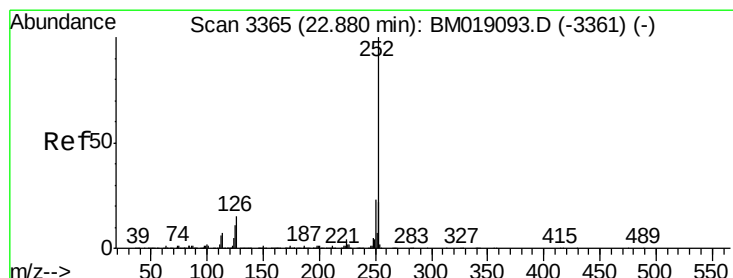
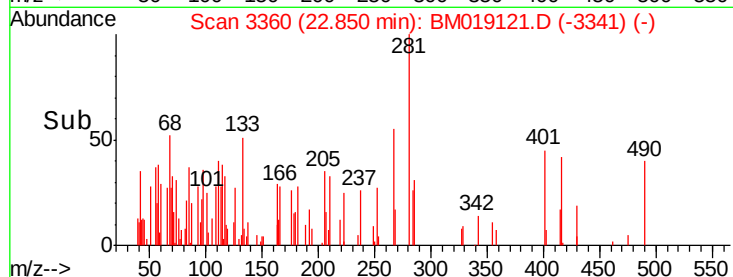
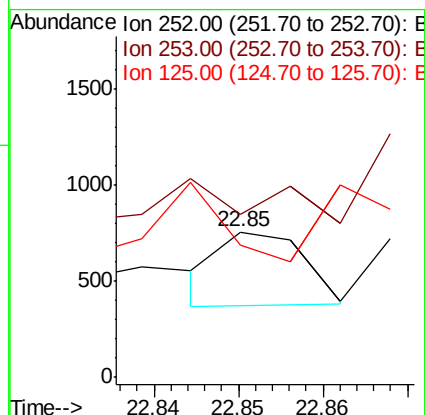
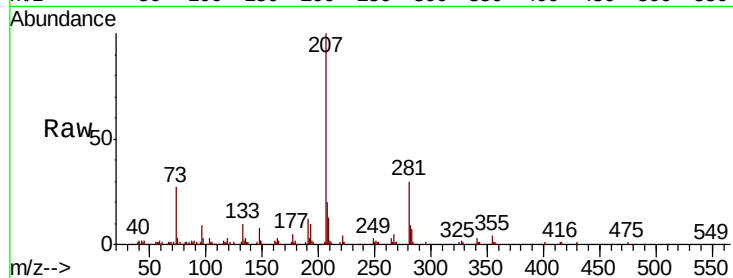
Tot Ion:252 Resp: 262

Ion Ratio Lower Upper

252 100

253 111.9 17.6 26.4#

125 91.0 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

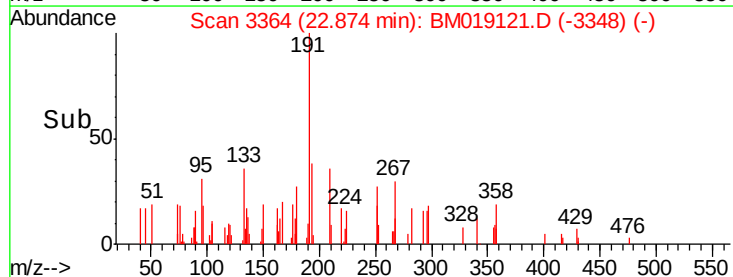
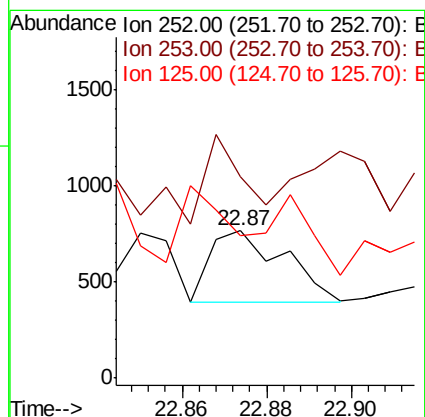
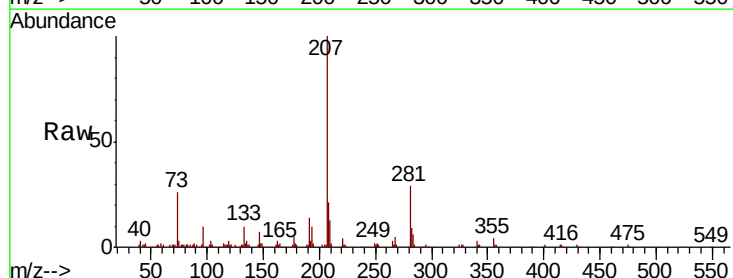
Tgt Ion:252 Resp: 451

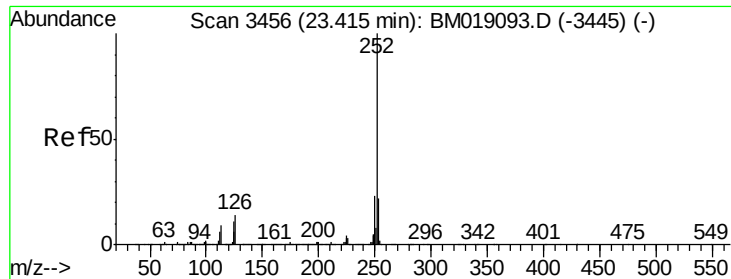
Ion Ratio Lower Upper

252 100

253 136.9 17.6 26.4#

125 96.3 8.8 13.2#





#90

Benzo(a)pyrene

Concen: 0.006 ng

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM019121.D

Acq: 12 Mar 2019 20:44

Instrument :

BNA_M

ClientSampleId :

PR-MW-05_030819

Tot Ion: 252 Resp: 487

Ion Ratio Lower Upper

252 100

253 139.9 17.4 26.2#

125 113.0 9.2 13.8#

