

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019109.D
 Acq On : 12 Mar 2019 13:26
 Operator : JU/SJ
 Sample : K1835-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Mar 13 03:51:56 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	206409	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	840129	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	535379	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1255552	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1332541	20.00	ng	0.00
87) Perylene-d12	23.51	264	1345281	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1901288	149.17	ng	0.00
7) Phenol-d6	6.85	99	2775608	148.88	ng	0.00
23) Nitrobenzene-d5	8.83	82	1661936	93.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1256958	159.01	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3721677	90.42	ng	0.00
79) Terphenyl-d14	19.71	244	6530760	97.30	ng	0.00

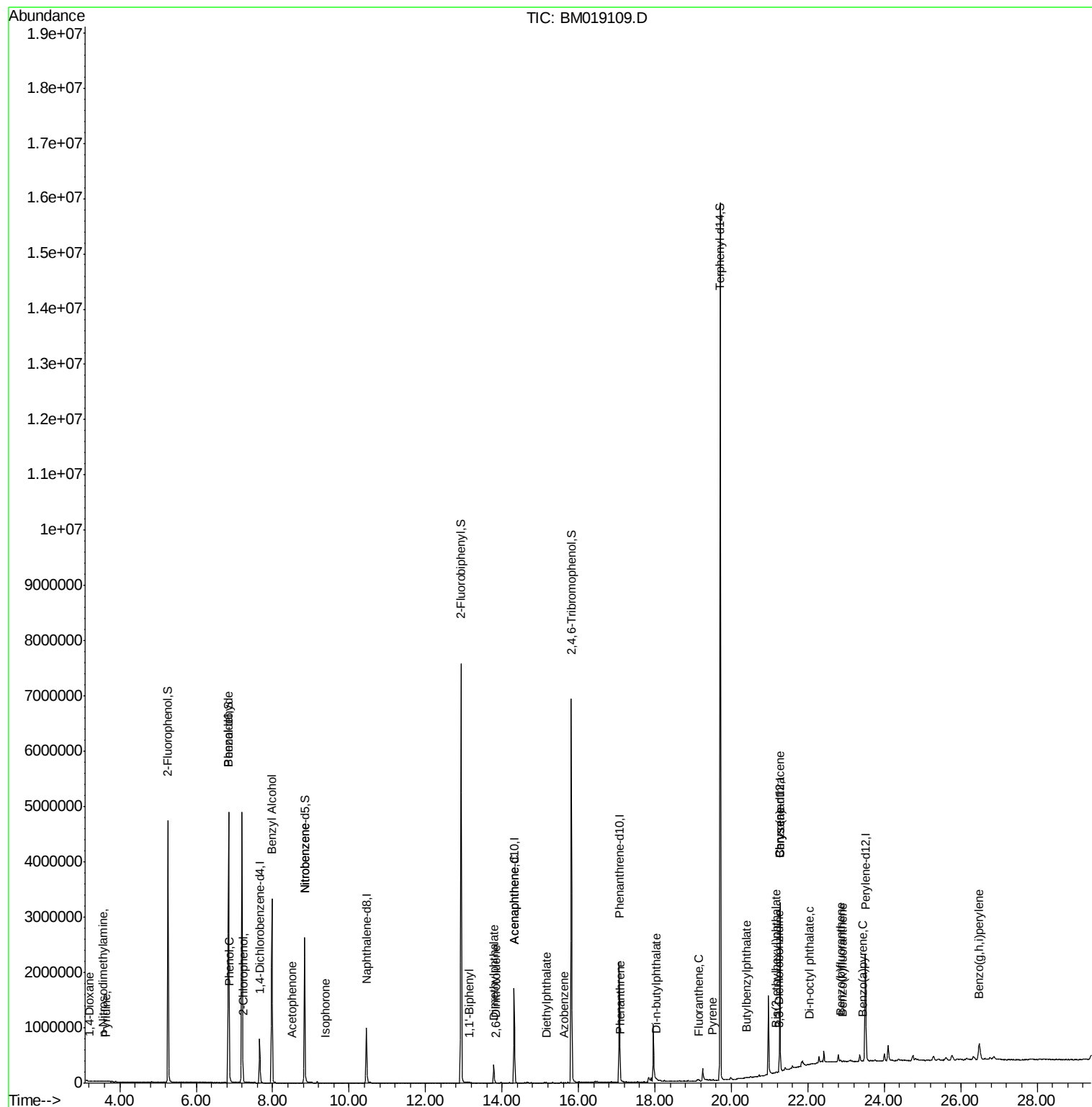
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	245	0.043	ng	# 28
3) Pyridine	3.63	79	107	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	275	0.057	ng	# 1
8) 2-Chlorophenol	7.23	128	135	0.009	ng	# 1
9) Benzaldehyde	6.85	77	6047	0.516	ng	# 6
10) Phenol	6.87	94	42018	2.091	ng	# 74
15) Benzyl Alcohol	7.97	79	25890	1.678	ng	# 46
22) Acetophenone	8.51	105	352	0.015	ng	# 57
24) Nitrobenzene	8.83	77	6318	0.342	ng	# 37
25) Isophorone	9.39	82	574	0.017	ng	# 68
46) 1,1'-Biphenyl	13.15	154	4563	0.098	ng	# 92
50) Dimethylphthalate	13.79	163	240441	5.250	ng	# 100
51) 2,6-Dinitrotoluene	13.83	165	244	0.025	ng	# 20
52) Acenaphthene	14.32	154	2052	0.061	ng	# 5
60) Diethylphthalate	15.15	149	1999	0.043	ng	# 83
63) Azobenzene	15.63	77	124	0.003	ng	# 56
71) Phenanthrene	17.11	178	1256	0.017	ng	# 60
74) Di-n-butylphthalate	18.04	149	12994	0.158	ng	# 98
75) Fluoranthene	19.15	202	774	0.009	ng	# 63
78) Pvrene	19.50	202	563	0.007	ng	# 57
80) Butylbenzylphthalate	20.41	149	701	0.019	ng	# 78
81) Benzo(a)anthracene	21.27	228	3806	0.046	ng	# 55
82) 3,3'-Dichlorobenzidine	21.23	252	114	0.004	ng	# 25
83) Chrysene	21.27	228	3806	0.047	ng	# 53
84) Bis(2-ethylhexyl)phthalate	21.17	149	5306	0.099	ng	# 96
85) Di-n-octyl phthalate	22.03	149	706	0.008	ng	# 31
88) Benzo(b)fluoranthene	22.84	252	1352	0.016	ng	# 1
89) Benzo(k)fluoranthene	22.90	252	333	0.004	ng	# 1
90) Benzo(a)pyrene	23.43	252	1760	0.022	ng	# 1
92) Benzo(g,h,i)perylene	26.49	276	3891	0.057	ng	# 95

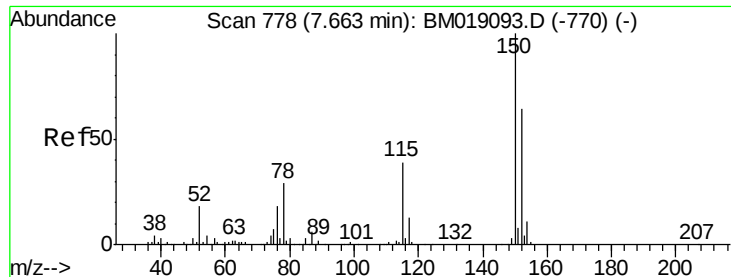
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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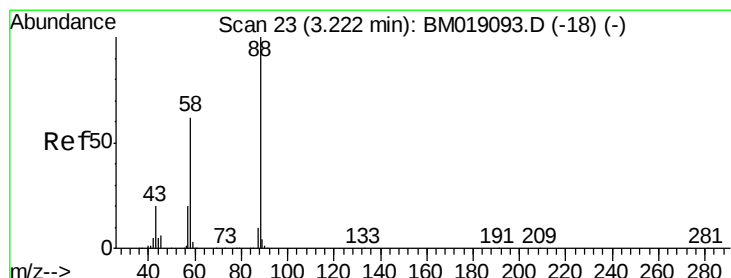
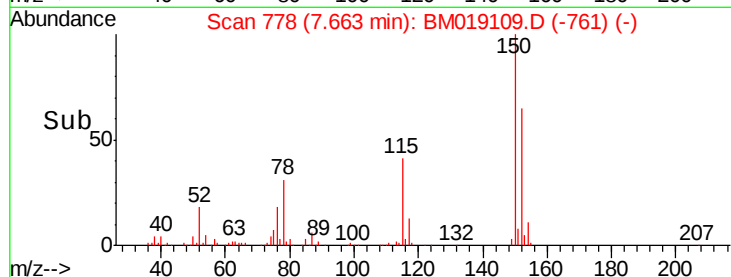
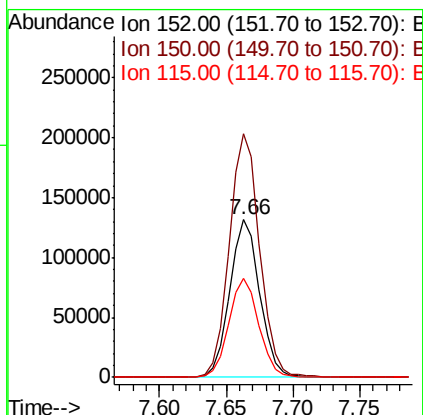
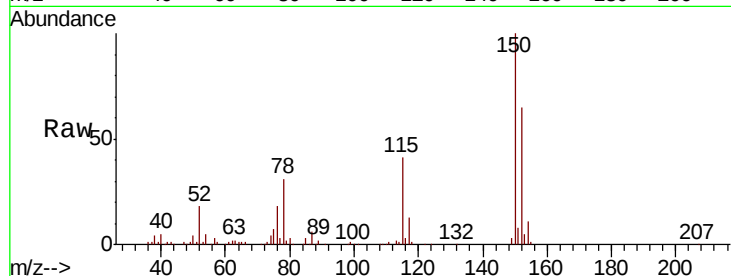


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Instrument :
BNA_M
ClientSampled :
TP-3

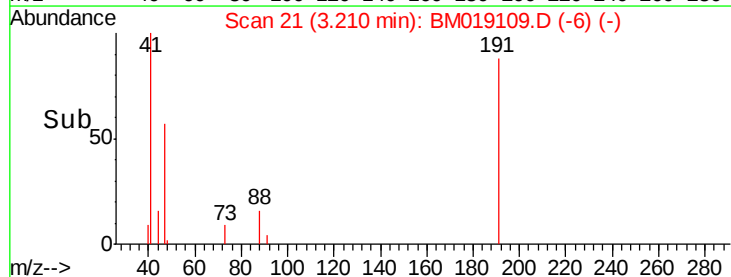
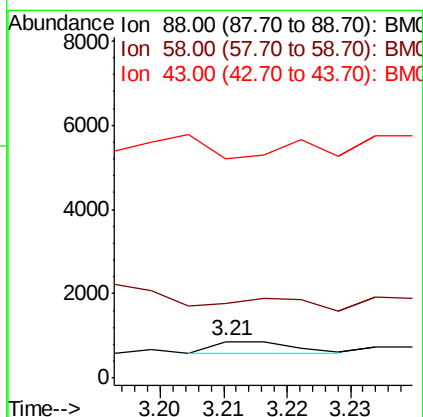
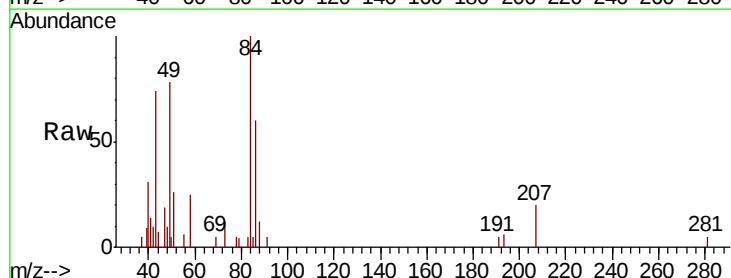
Tot Ion:152 Resp: 206409
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 62.8 49.4 74.0

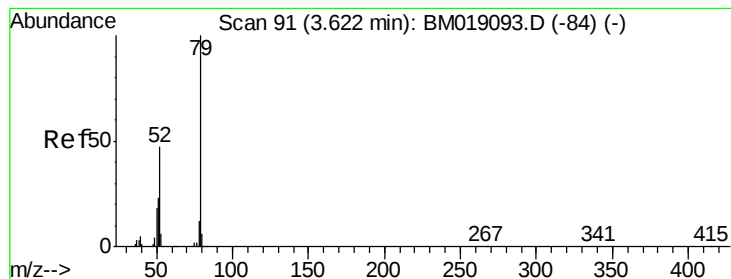


#2

1,4-Dioxane
Concen: 0.043 ng
RT: 3.21 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion: 88 Resp: 245
Ion Ratio Lower Upper
88 100
58 0.0 50.0 75.0#
43 0.0 17.0 25.4#





#3

Pvridine

Concen: 0.007 ng

RT: 3.63 min Scan# 93

Delta R.T. 0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

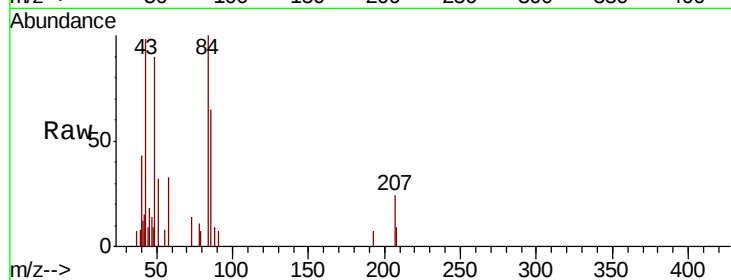
Tot Ion: 79 Resp: 107

Ion Ratio Lower Upper

79 100

52 0.0 37.5 56.3#

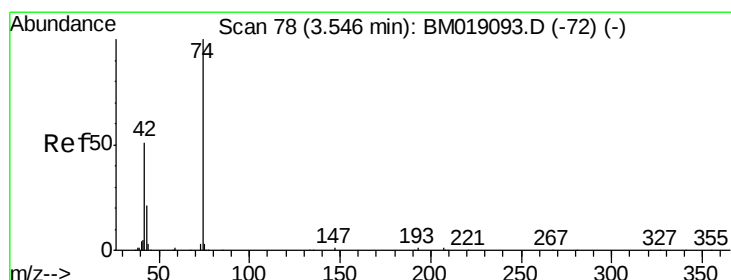
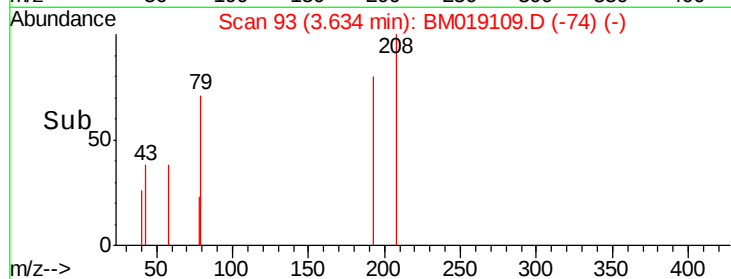
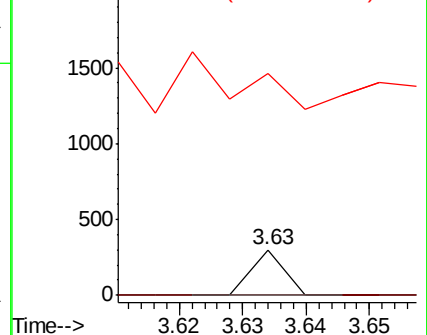
51 484.8 19.2 28.8#



Abundance Ion 79.00 (78.70 to 79.70): BM019109.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019109.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019109.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 0.057 ng

RT: 3.56 min Scan# 81

Delta R.T. 0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

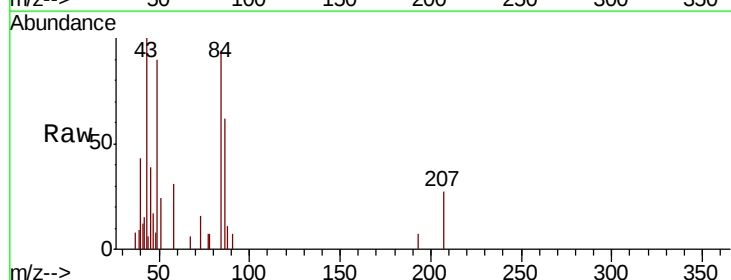
Tgt Ion: 42 Resp: 275

Ion Ratio Lower Upper

42 100

74 0.0 156.3 234.5#

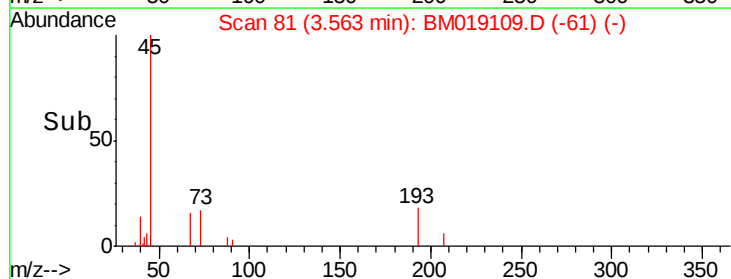
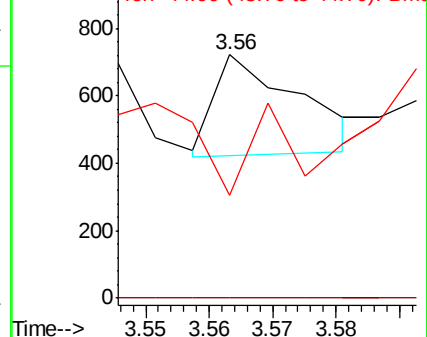
44 42.4 4.6 7.0#

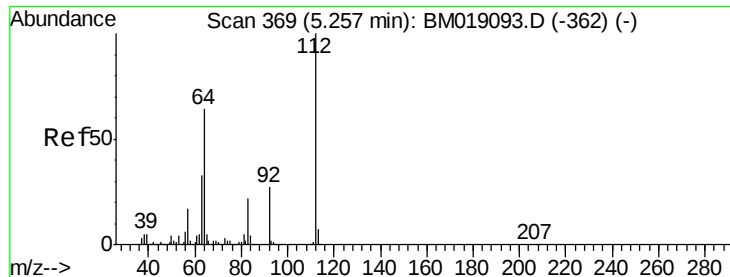


Abundance Ion 42.00 (41.70 to 42.70): BM019109.D (-61) (-)

Ion 74.00 (73.70 to 74.70): BM019109.D (-61) (-)

Ion 44.00 (43.70 to 44.70): BM019109.D (-61) (-)





#5

2-Fluorophenol

Concen: 149.174 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

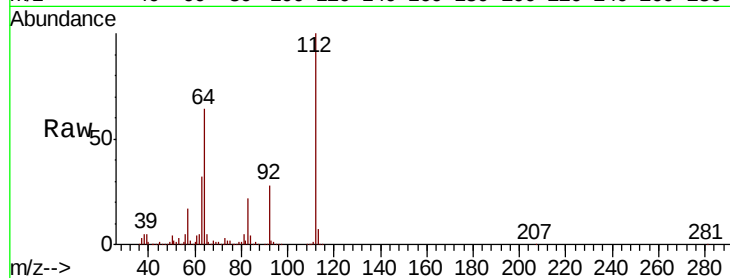
Tot Ion:112 Resp: 1901288

Ion Ratio Lower Upper

112 100

64 63.9 51.4 77.0

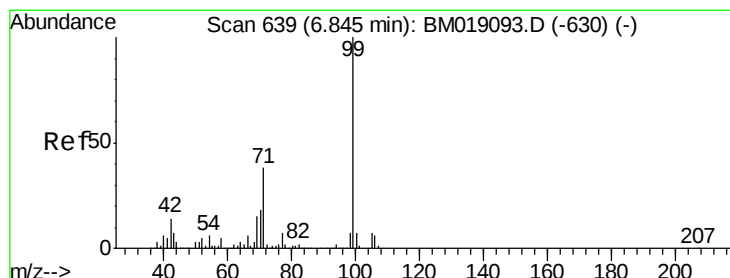
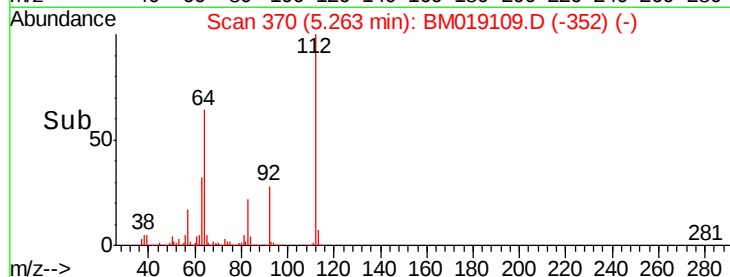
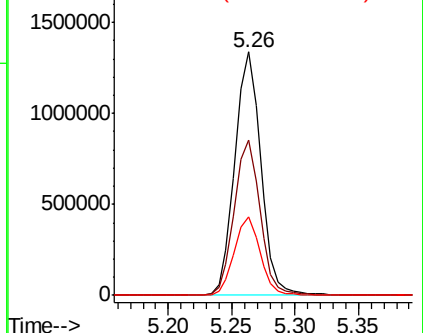
63 32.0 26.6 40.0



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: 148.884 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

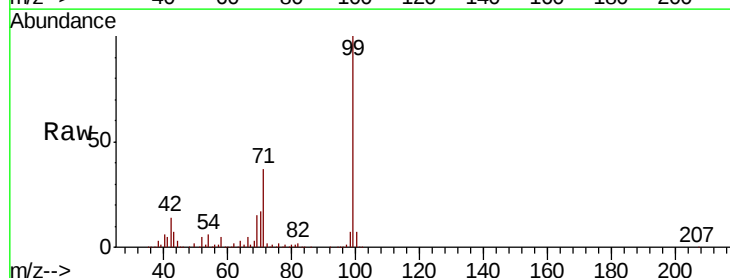
Tgt Ion: 99 Resp: 2775608

Ion Ratio Lower Upper

99 100

42 14.1 10.9 16.3

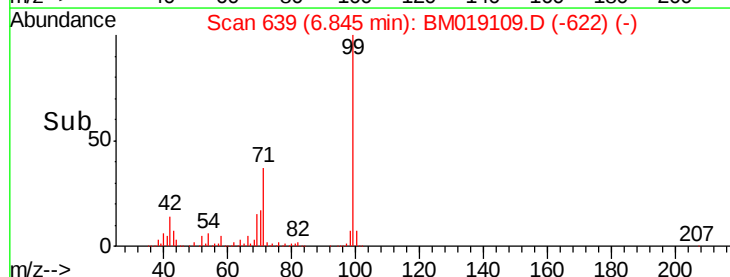
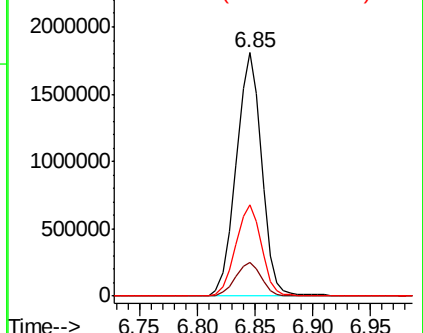
71 37.4 30.3 45.5

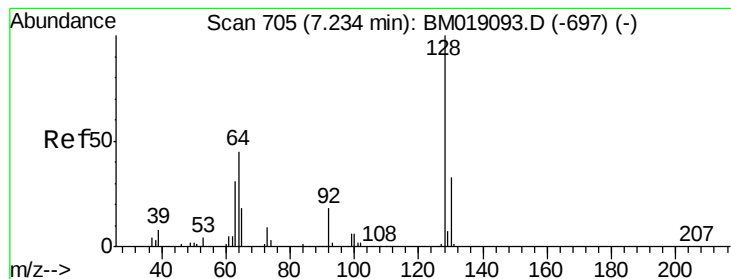


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.009 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampled :

TP-3

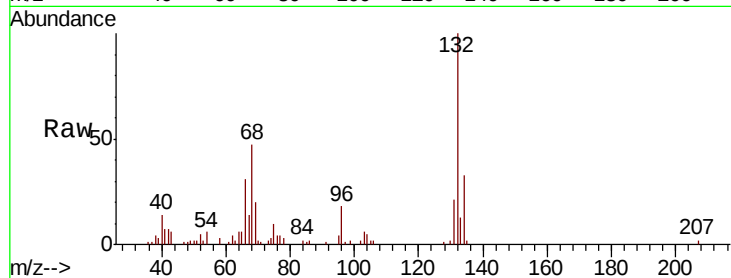
Tot Ion:128 Resp: 135

Ion Ratio Lower Upper

128 100

130 202.1 12.8 52.8#

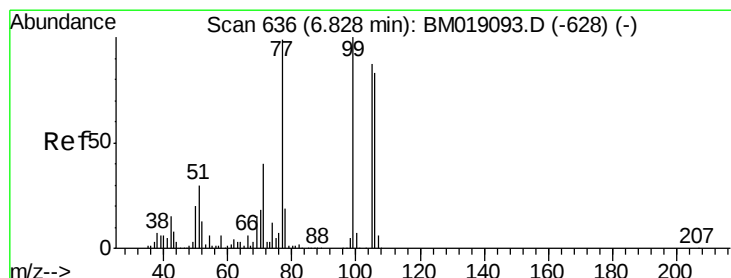
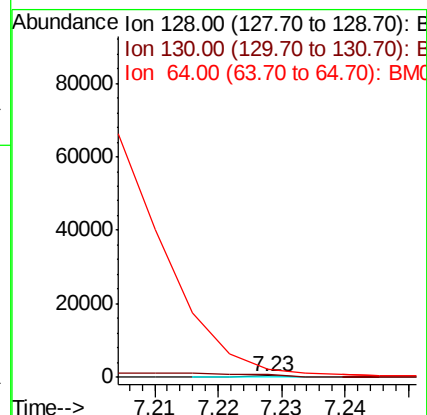
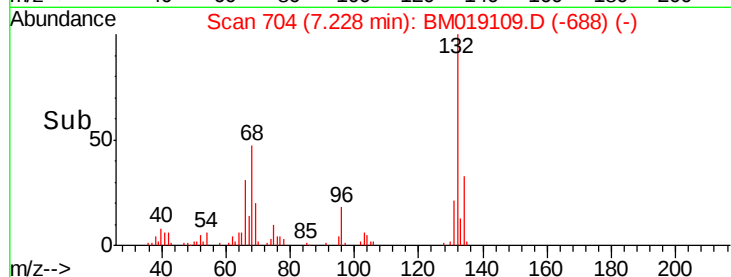
64 543.3 30.8 70.8#



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



#9

Benzaldehyde

Concen: 0.516 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

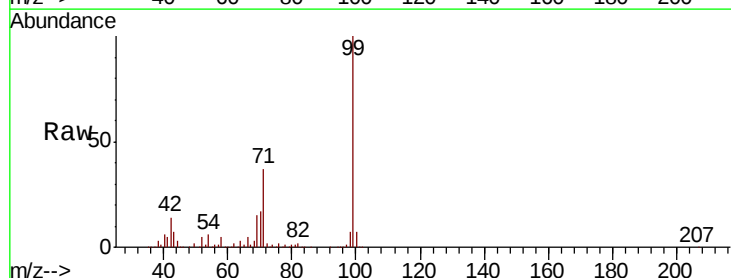
Tgt Ion: 77 Resp: 6047

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

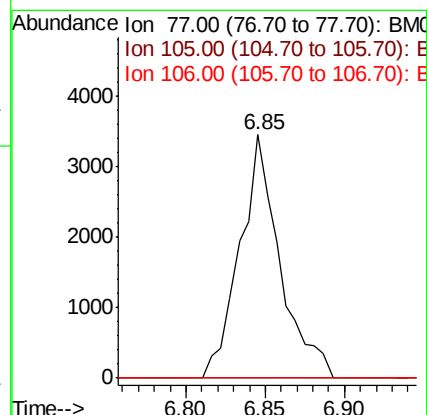
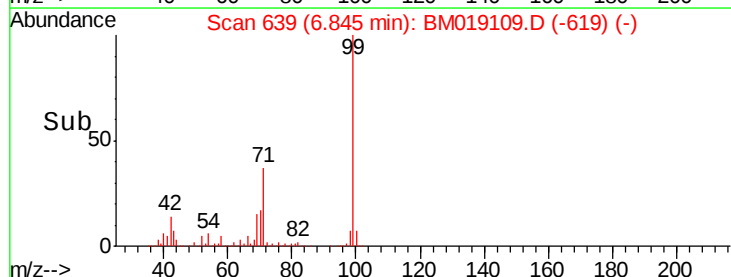
106 0.0 64.1 104.1#

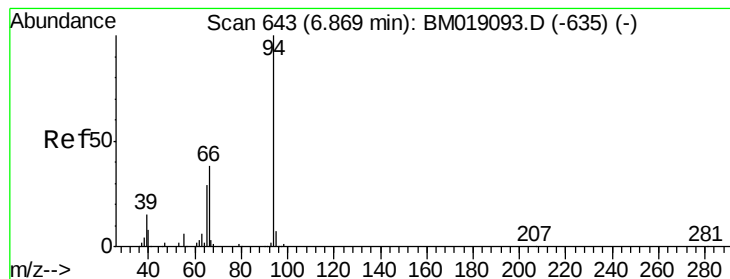


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.091 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

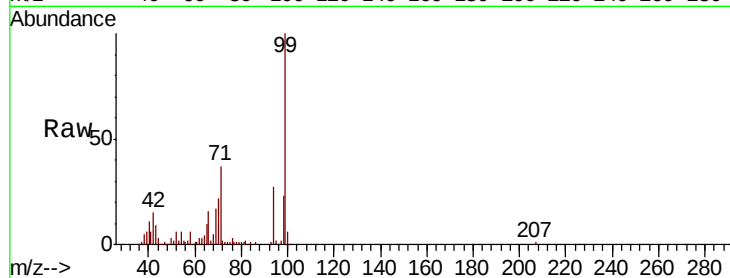
Tot Ion: 94 Resp: 42018

Ion Ratio Lower Upper

94 100

65 37.8 9.7 49.7

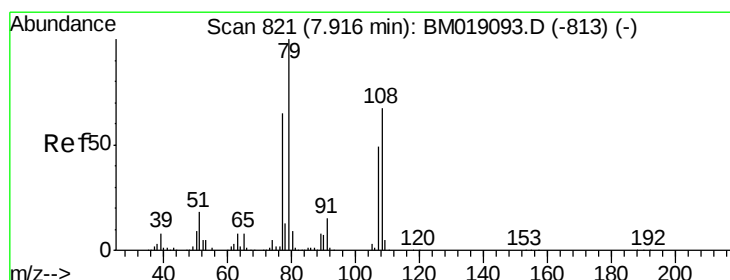
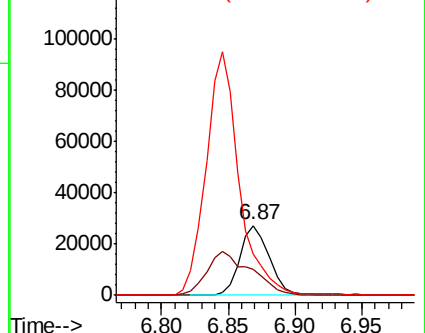
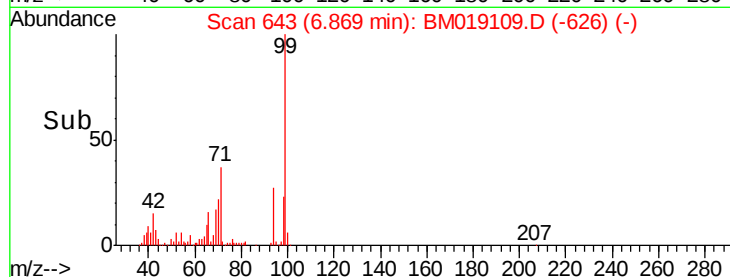
66 59.8 19.2 59.2#



Abundance Ion 94.00 (93.70 to 94.70): BM019109.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019109.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019109.D (-635) (-)



#15

Benzyl Alcohol

Concen: 1.678 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

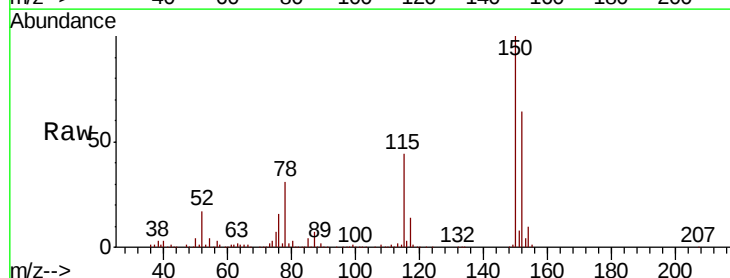
Tgt Ion: 79 Resp: 25890

Ion Ratio Lower Upper

79 100

108 30.2 53.7 80.5#

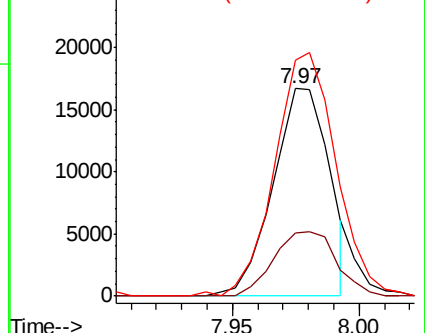
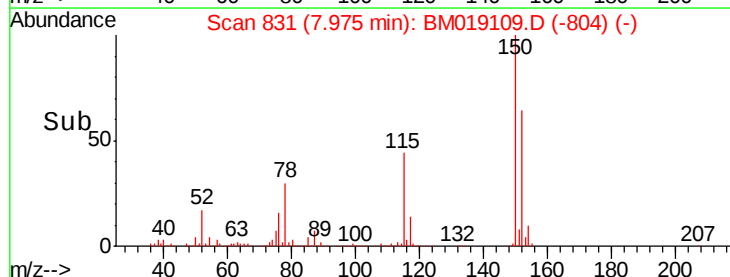
77 113.6 51.8 77.8#

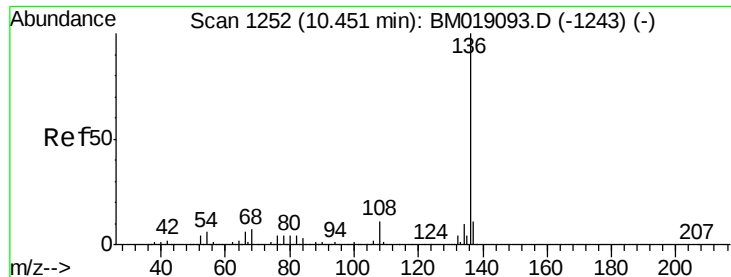


Abundance Ion 79.00 (78.70 to 79.70): BM019109.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019109.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019109.D (-804) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

Tot Ion:136 Resp: 840129

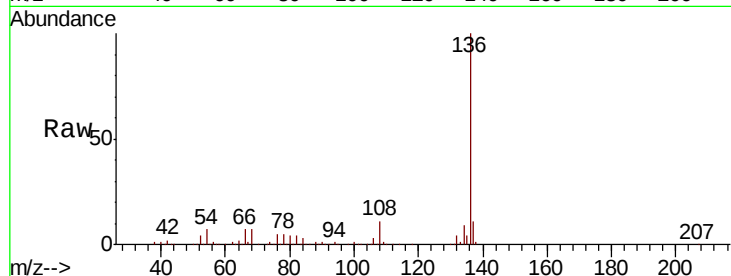
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.7 5.2 7.8

68 7.4 5.8 8.8

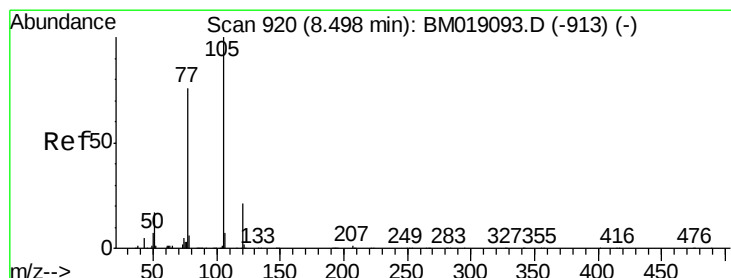
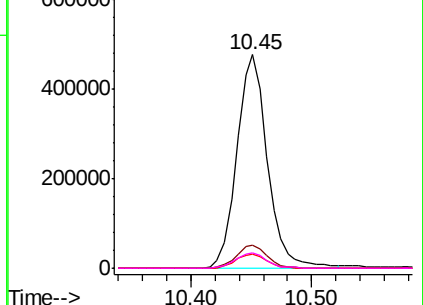
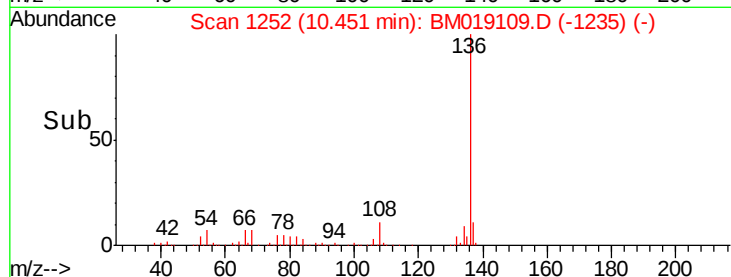


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Tgt Ion:105 Resp: 352

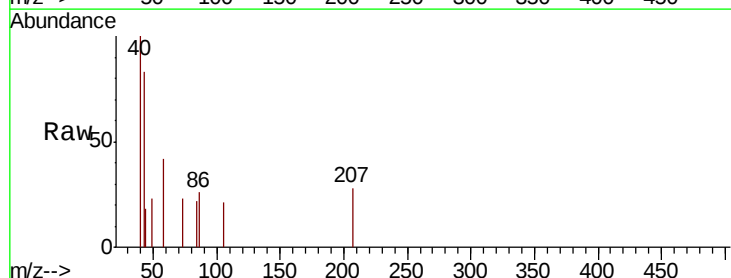
Ion Ratio Lower Upper

105 100

71 0.0 0.8 1.2#

51 0.0 15.8 23.6#

120 0.0 17.0 25.4#

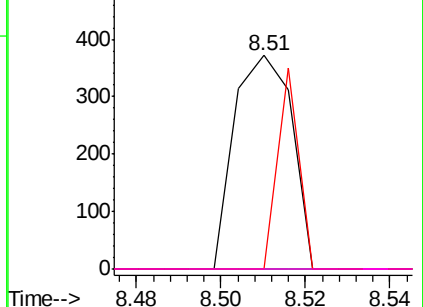
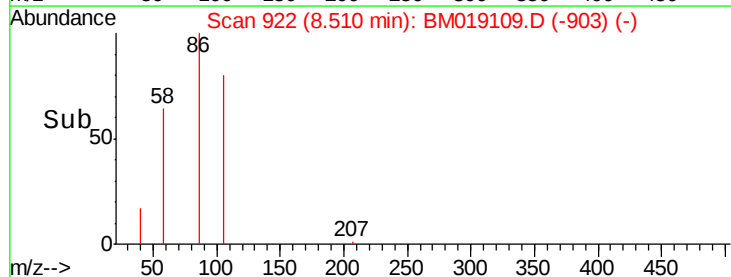


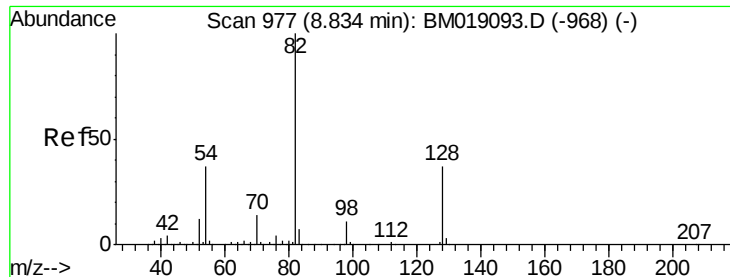
Abundance Ion 105.00 (104.70 to 105.70): E

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

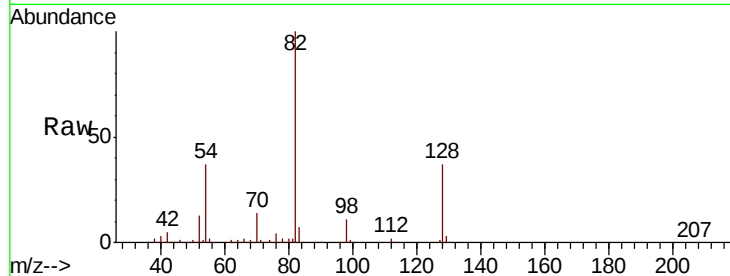




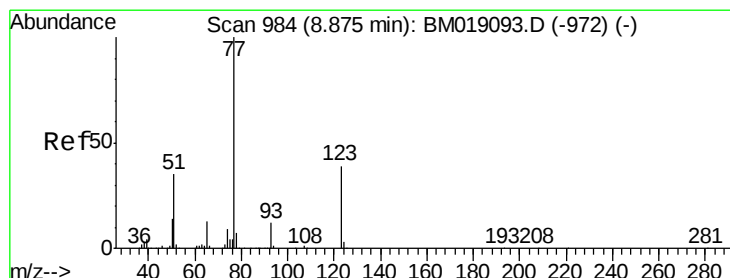
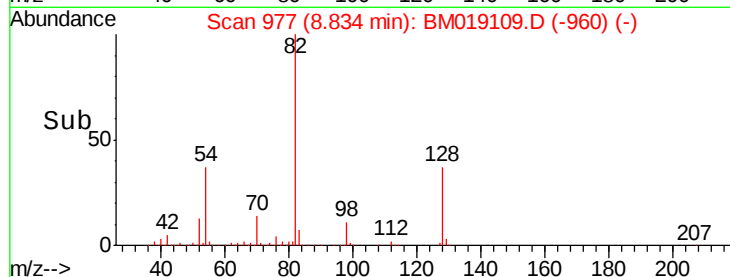
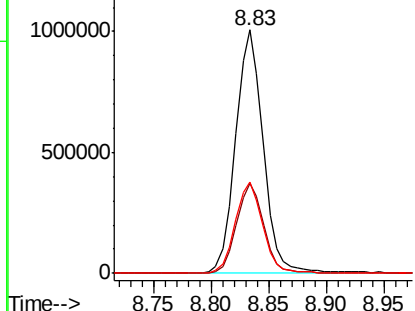
#23
Nitrobenzene-d5
Concen: 93.509 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Instrument :
BNA_M
ClientSampled :
TP-3

Tot Ion: 82 Resp: 1661936
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 37.3 29.9 44.9

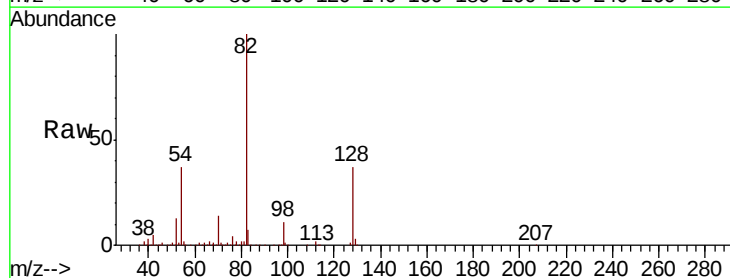


Abundance Ion 82.00 (81.70 to 82.70): BM019109.D (-968) (-)
Ion 128.00 (127.70 to 128.70): BM019109.D (-968) (-)
Ion 54.00 (53.70 to 54.70): BM019109.D (-968) (-)

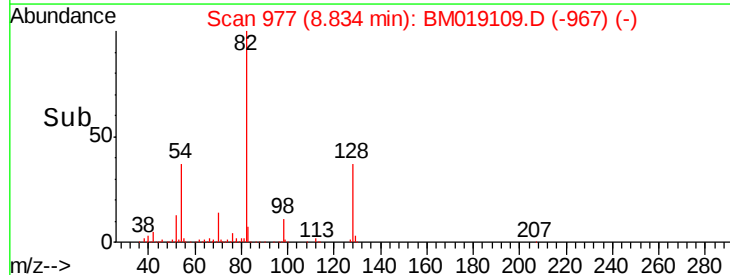
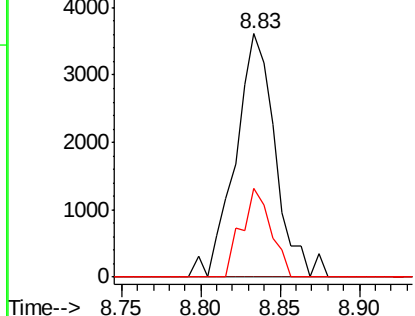


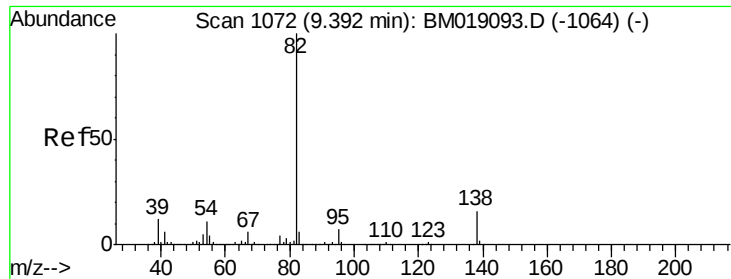
#24
Nitrobenzene
Concen: 0.342 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion: 77 Resp: 6318
Ion Ratio Lower Upper
77 100
123 0.0 31.3 46.9#
65 36.7 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM019109.D (-972) (-)
Ion 123.00 (122.70 to 123.70): BM019109.D (-972) (-)
Ion 65.00 (64.70 to 65.70): BM019109.D (-972) (-)

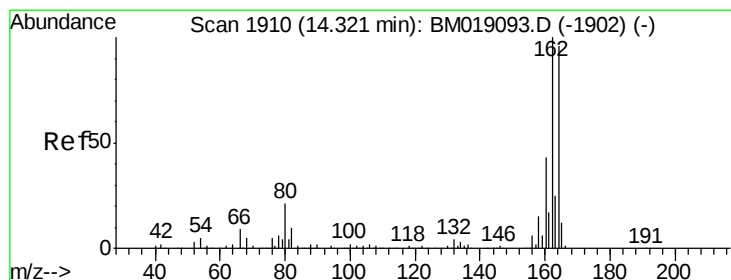
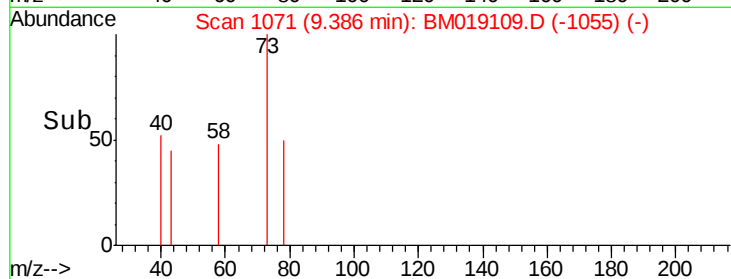
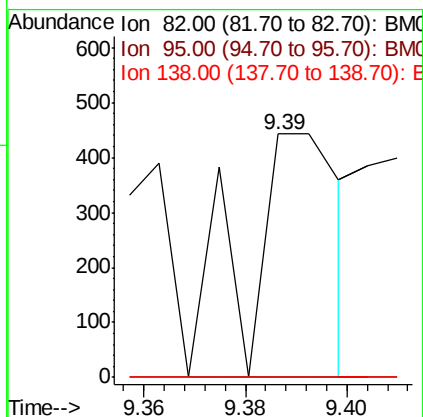
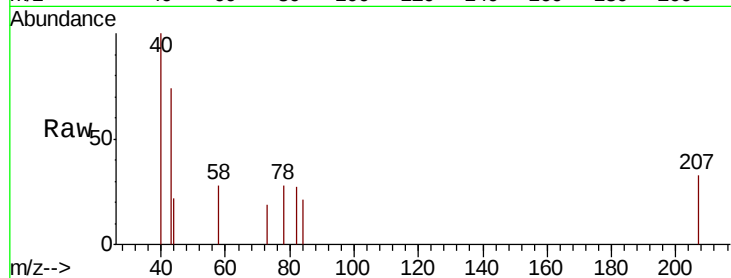




#25
Isophorone
Concen: 0.017 ng
RT: 9.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

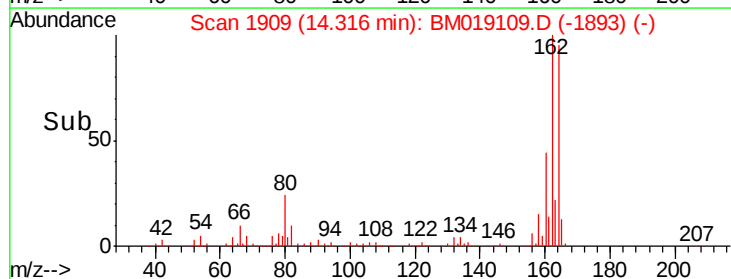
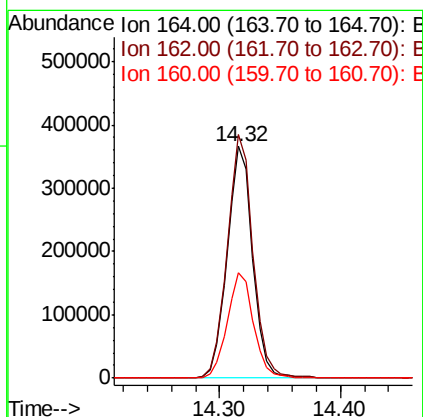
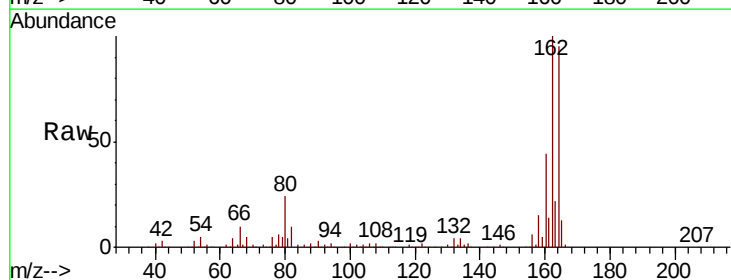
Instrument :
BNA_M
ClientSampleId :
TP-3

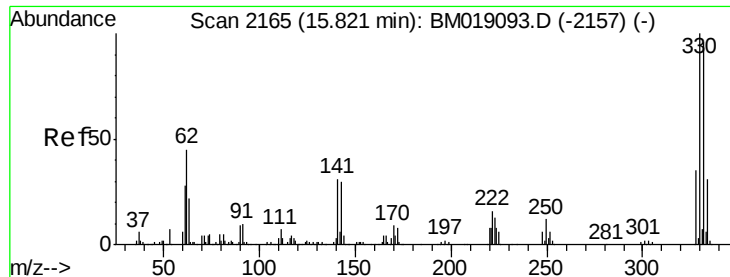
Tot Ion: 82 Resp: 574
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.6 18.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion:164 Resp: 535379
Ion Ratio Lower Upper
164 100
162 105.0 83.5 125.3
160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 159.014 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

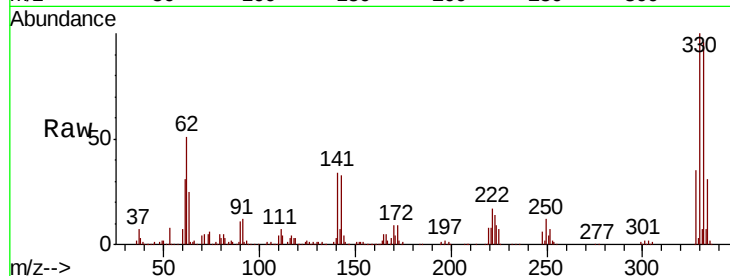
Tot Ion:330 Resp: 1256958

Ion Ratio Lower Upper

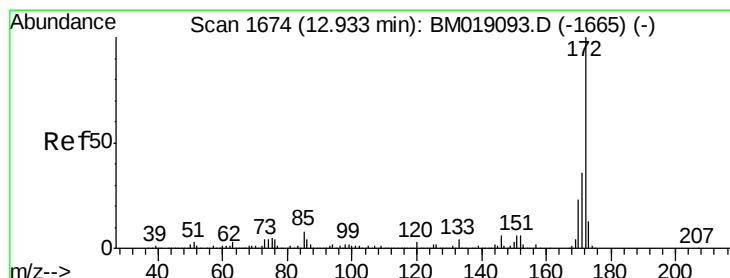
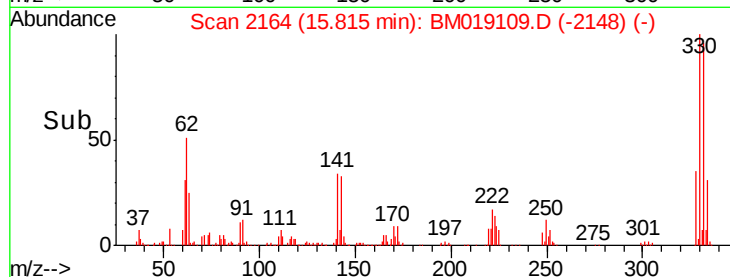
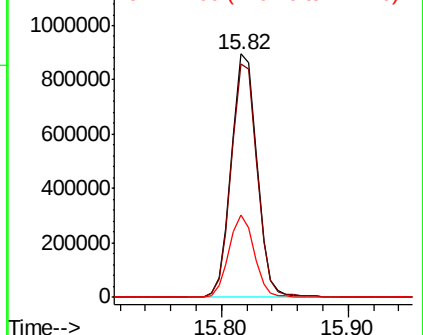
330 100

332 96.7 76.8 115.2

141 33.5 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
1200000
Ion 331.80 (331.50 to 332.50): E
1000000
Ion 141.00 (140.70 to 141.70): E
800000
600000
400000
200000
0



#45

2-Fluorobiphenyl

Concen: 90.422 ng

RT: 12.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

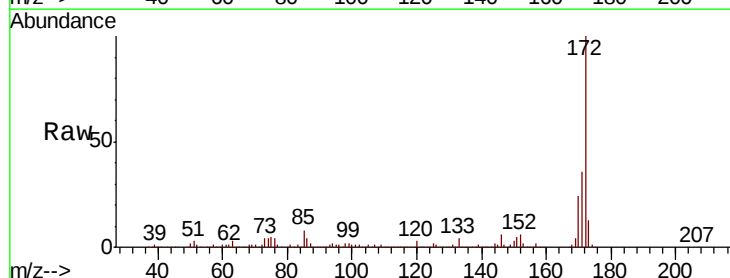
Tgt Ion:172 Resp: 3721677

Ion Ratio Lower Upper

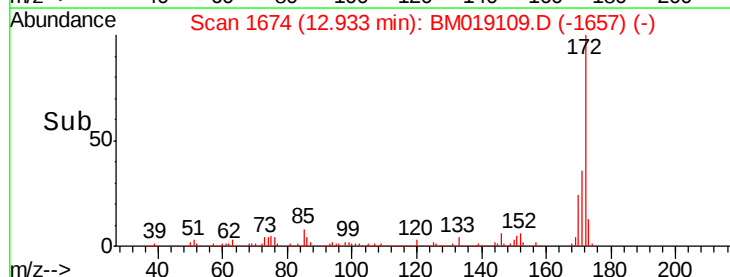
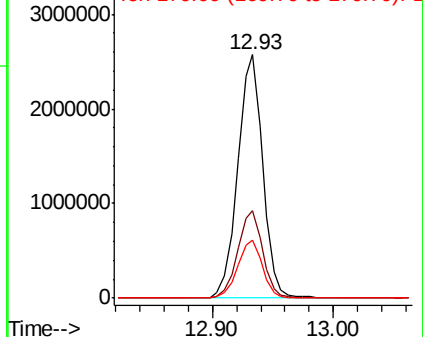
172 100

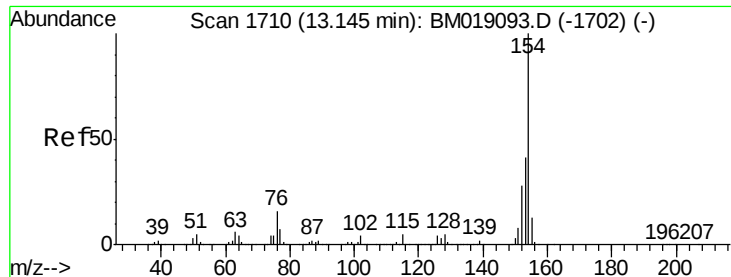
171 36.1 28.6 42.8

170 23.6 18.6 28.0



Abundance Ion 172.00 (171.70 to 172.70): E
3000000
Ion 171.00 (170.70 to 171.70): E
2000000
Ion 170.00 (169.70 to 170.70): E
1000000
0

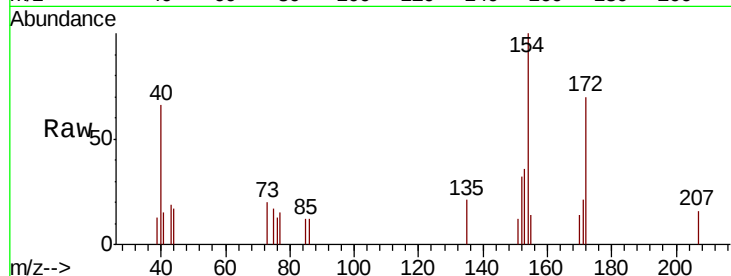




#46
 1,1'-Biphenyl
 Concen: 0.098 ng
 RT: 13.15 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BM019109.D
 Acq: 12 Mar 2019 13:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
154	100		
153	35.9	21.5	61.5
76	13.0	0.0	35.8

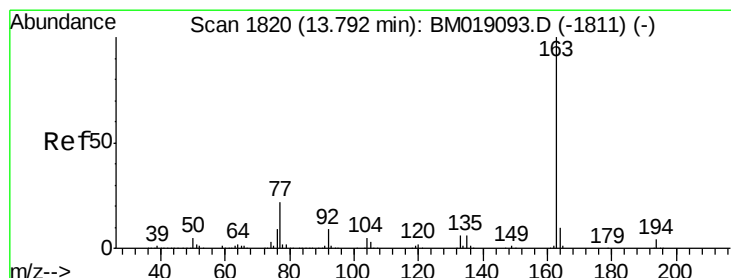
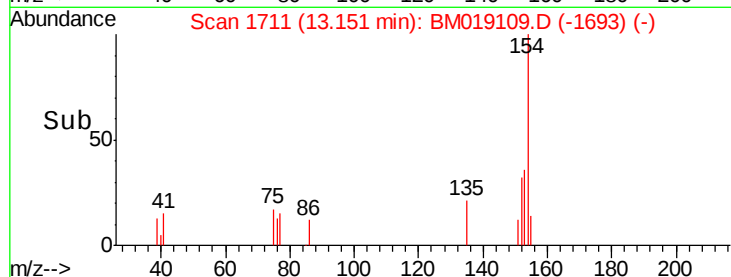
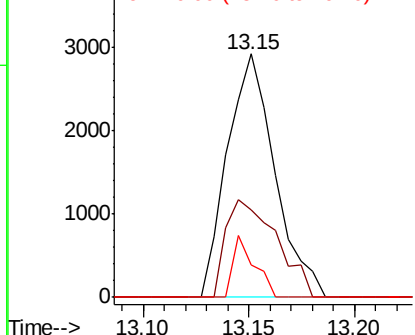


Abundance

Ion 154.00 (153.70 to 154.70): E

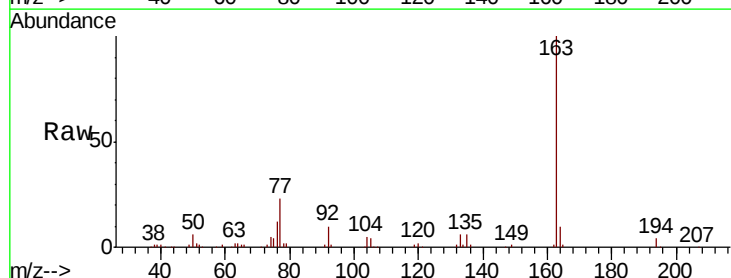
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#50
 Dimethylphthalate
 Concen: 5.250 ng
 RT: 13.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BM019109.D
 Acq: 12 Mar 2019 13:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.5	7.7	11.5

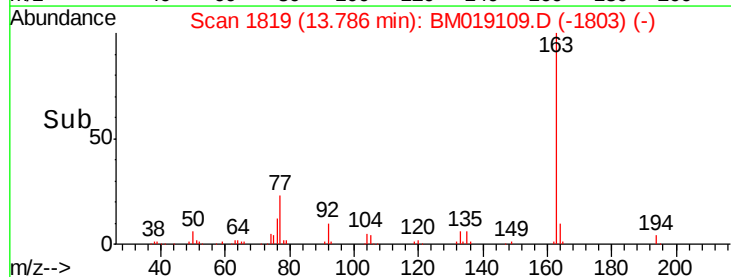
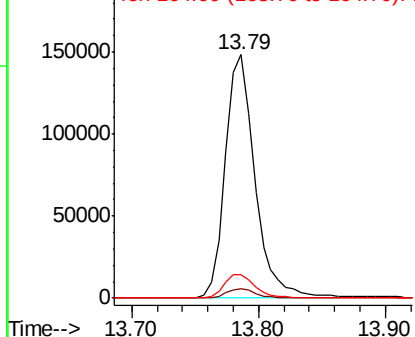


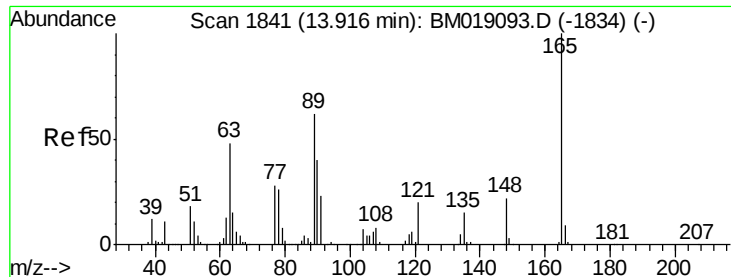
Abundance

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

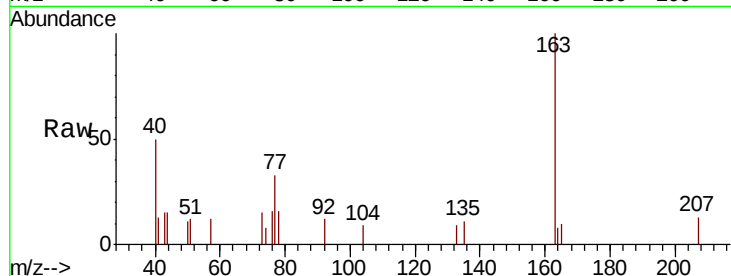




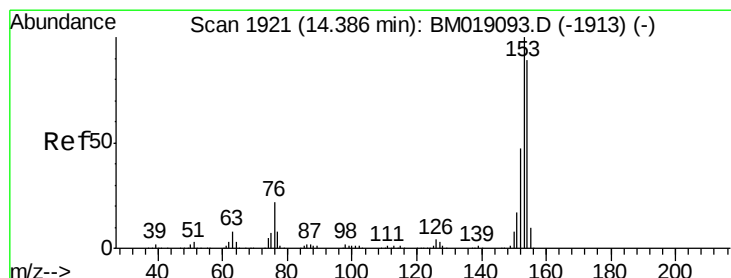
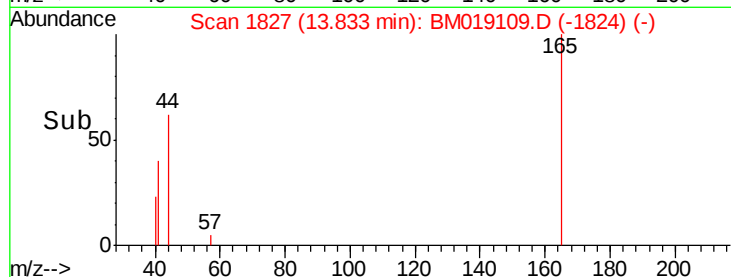
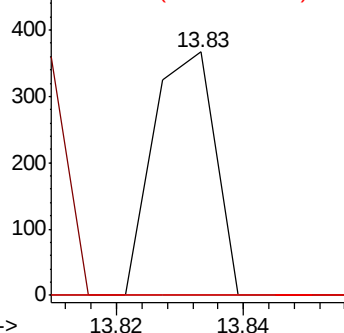
#51
2,6-Dinitrotoluene
Concen: 0.025 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.08 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Instrument :
BNA_M
ClientSampleId :
TP-3

Tot Ion:165 Resp: 244
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.4#
89 0.0 49.3 73.9#

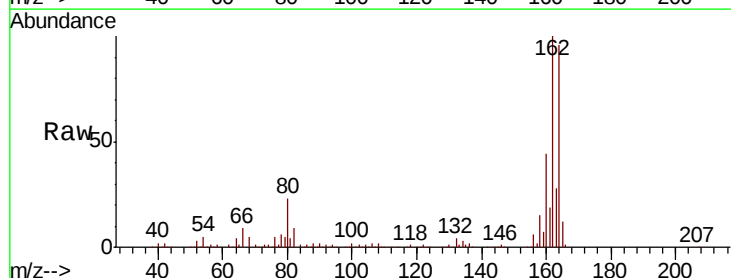


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

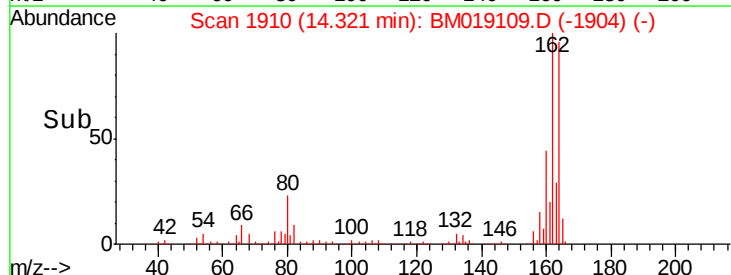
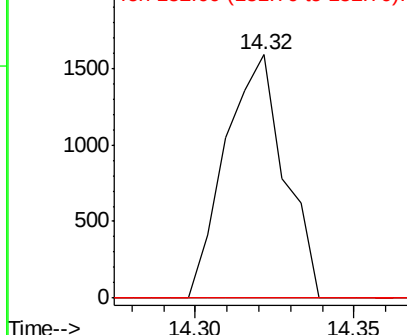


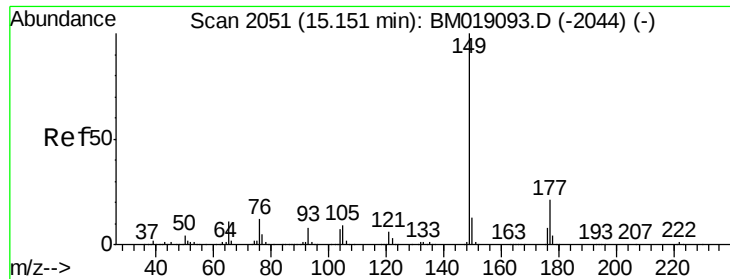
#52
Acenaphthene
Concen: 0.061 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.06 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion:154 Resp: 2052
Ion Ratio Lower Upper
154 100
153 0.0 90.1 135.1#
152 0.0 42.5 63.7#



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

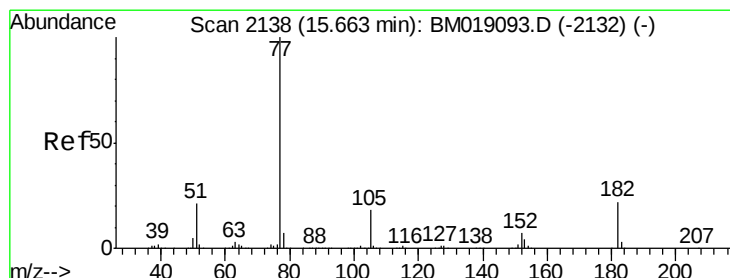
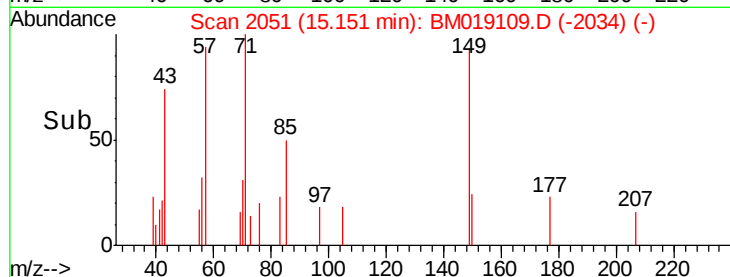
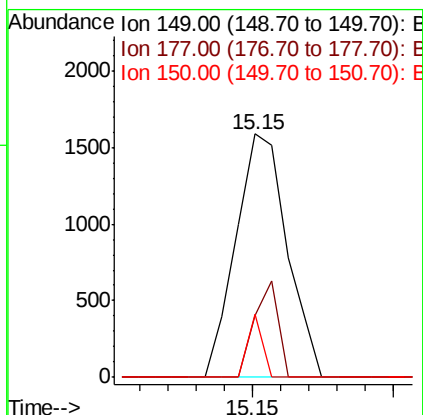
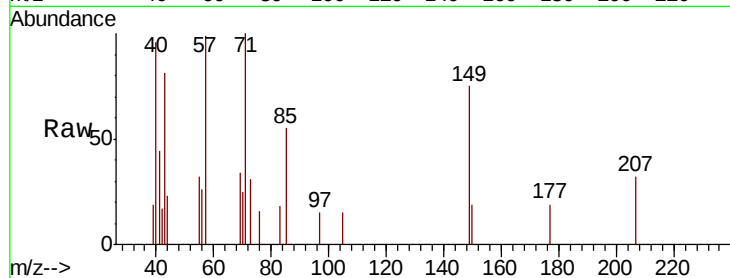




#60
Diethylphthalate
Concen: 0.043 ng
RT: 15.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

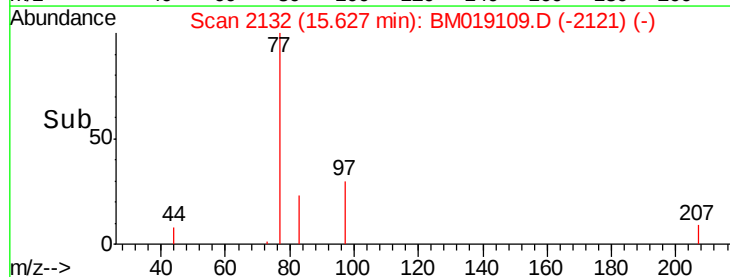
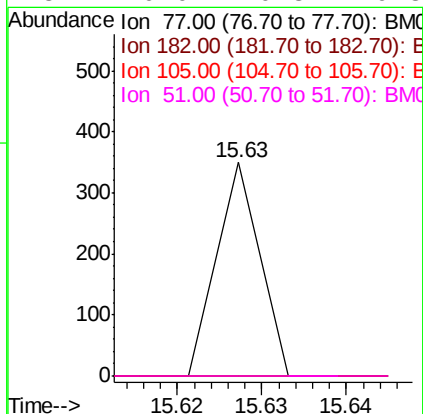
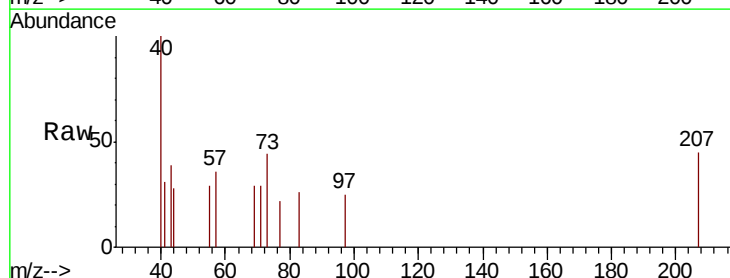
Instrument :
BNA_M
ClientSampled :
TP-3

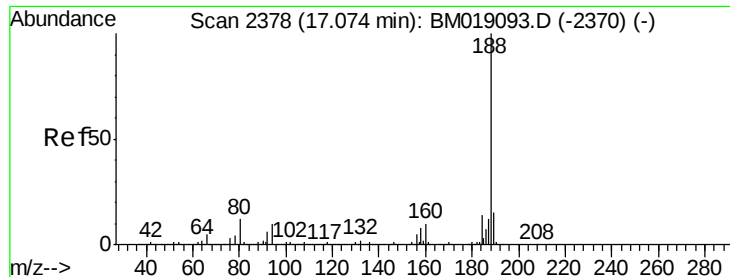
Tot Ion: 149 Resp: 1999
Ion Ratio Lower Upper
149 100
177 25.2 17.0 25.6
150 25.8 10.2 15.4#



#63
Azobenzene
Concen: 0.003 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.04 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion: 77 Resp: 124
Ion Ratio Lower Upper
77 100
182 0.0 1.8 41.8#
105 0.0 0.0 38.3
51 0.0 0.8 40.8#

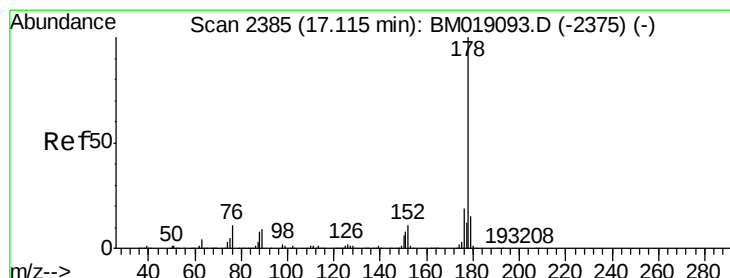
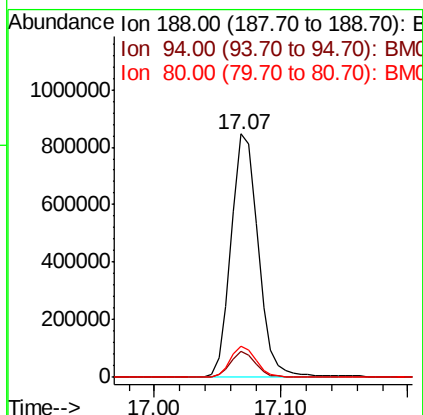
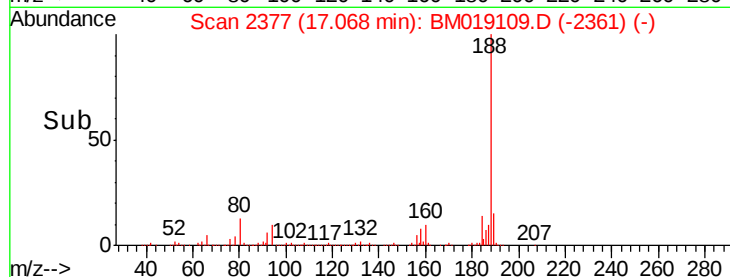
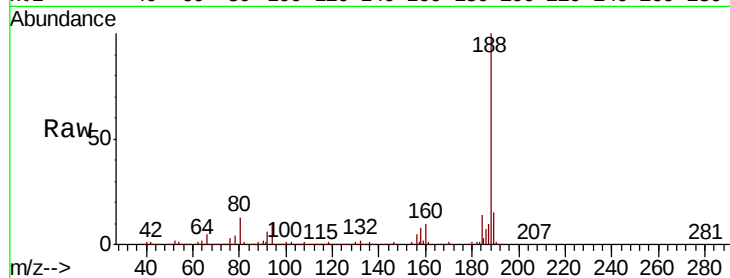




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

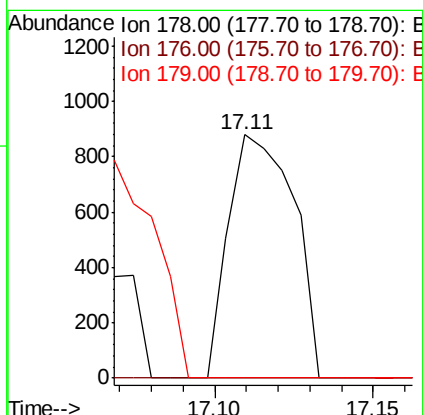
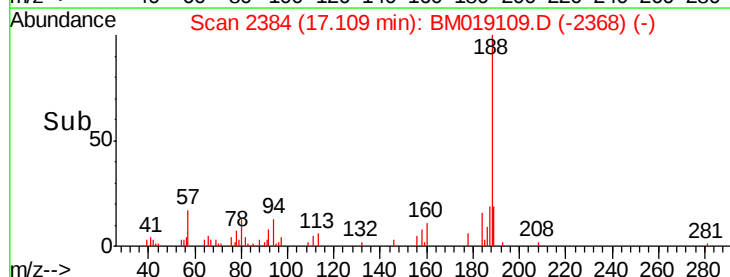
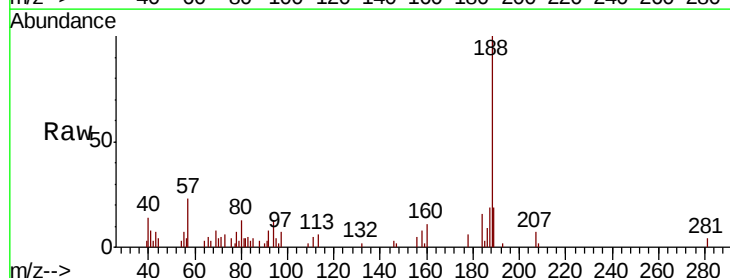
Instrument :
BNA_M
ClientSampled :
TP-3

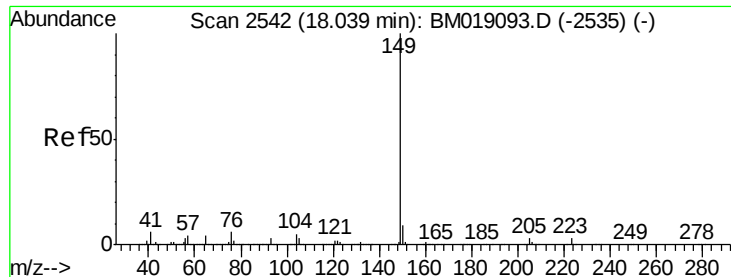
Tot Ion:188 Resp: 1255552
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.9 9.7 14.5



#71
Phenanthrene
Concen: 0.017 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion:178 Resp: 1256
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 0.0 12.2 18.2#

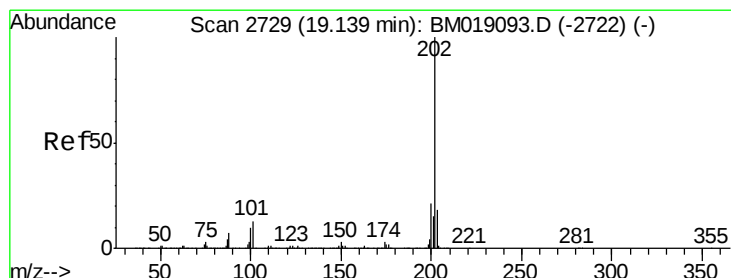
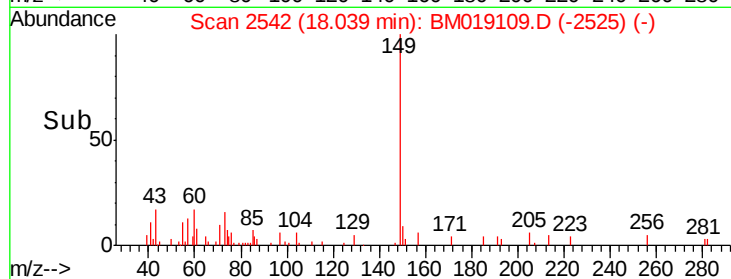
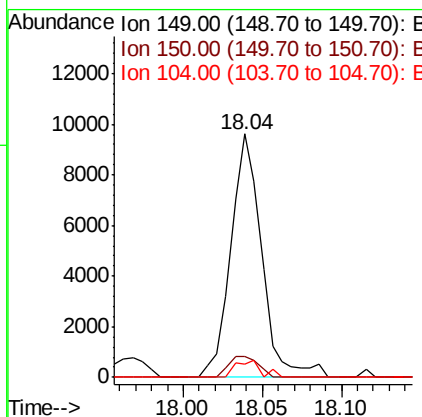
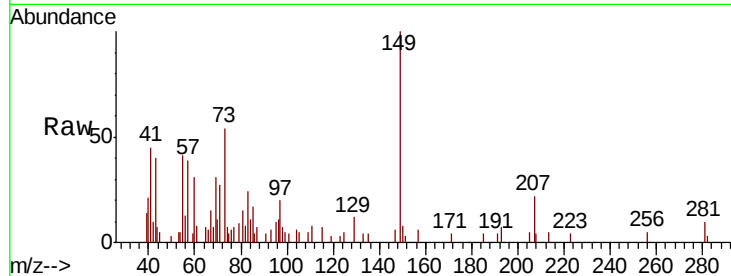




#74
Di-n-butylphthalate
Concen: 0.158 ng
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

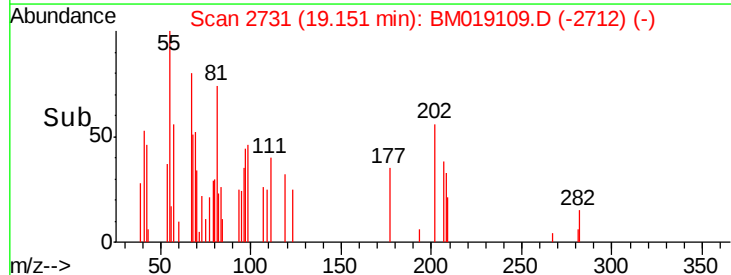
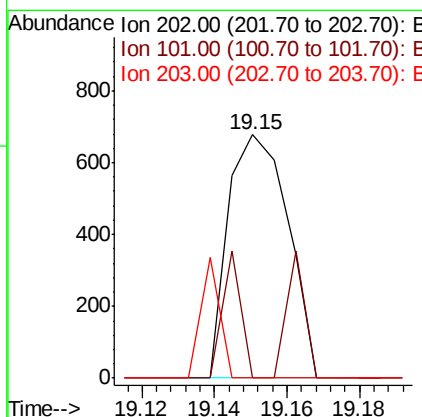
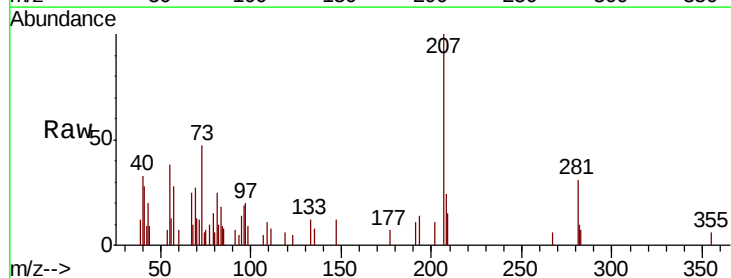
Instrument :
BNA_M
ClientSampleId :
TP-3

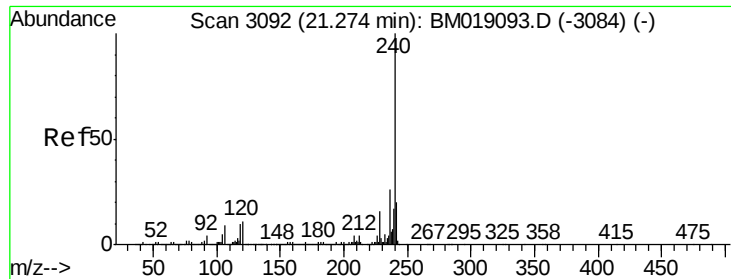
Tot Ion:149 Resp: 12994
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.0
104 5.5 4.2 6.4



#75
Fluoranthene
Concen: 0.009 ng
RT: 19.15 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion:202 Resp: 774
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.0
203 0.0 0.0 37.8

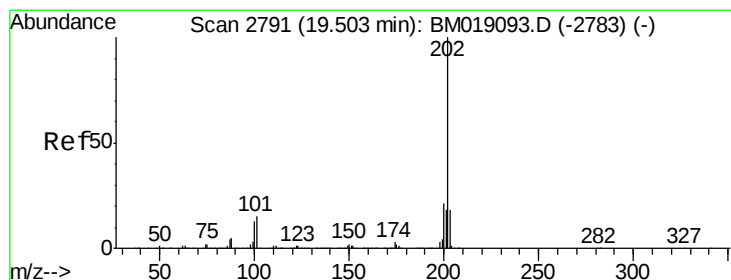
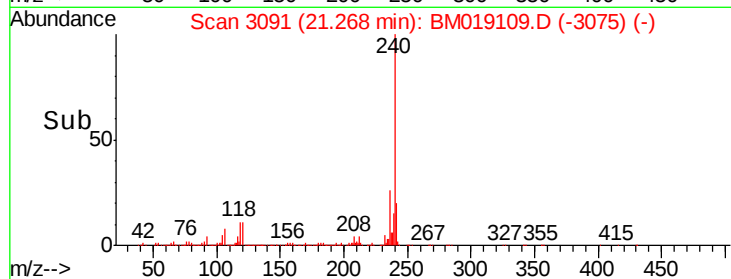
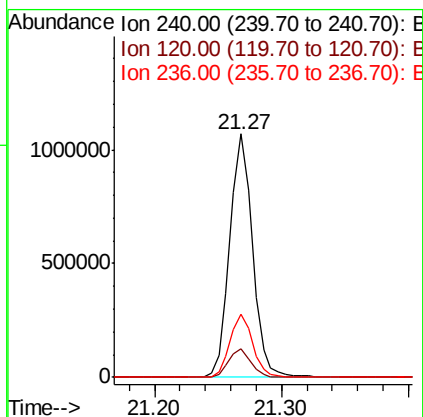
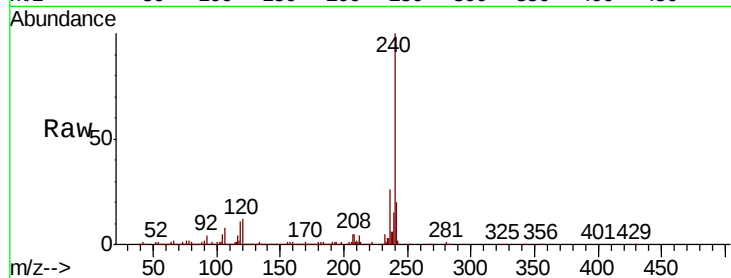




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

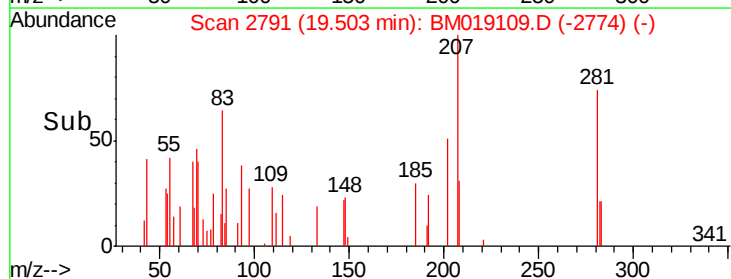
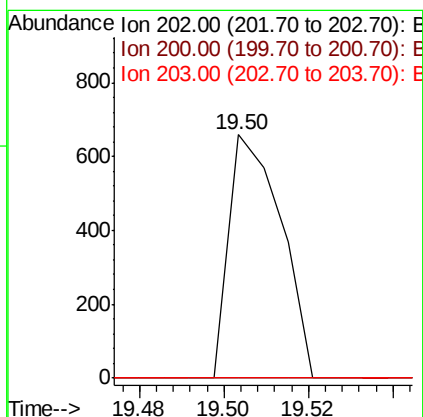
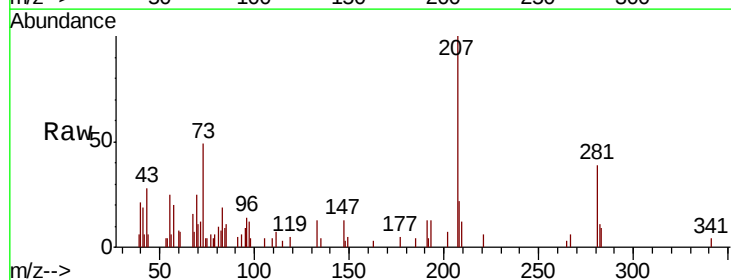
Instrument :
BNA_M
ClientSampled :
TP-3

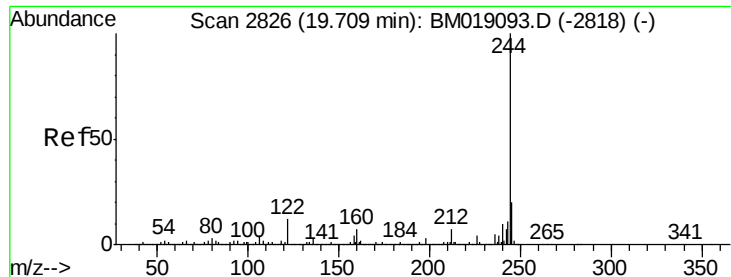
Tot Ion:240 Resp: 1332541
Ion Ratio Lower Upper
240 100
120 11.5 8.9 13.3
236 26.1 21.0 31.4



#78
Pyrene
Concen: 0.007 ng
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM019109.D
Acq: 12 Mar 2019 13:26

Tgt Ion:202 Resp: 563
Ion Ratio Lower Upper
202 100
200 0.0 16.9 25.3#
203 0.0 14.0 21.0#





#79

Terphenyl-d14

Concen: 97.295 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

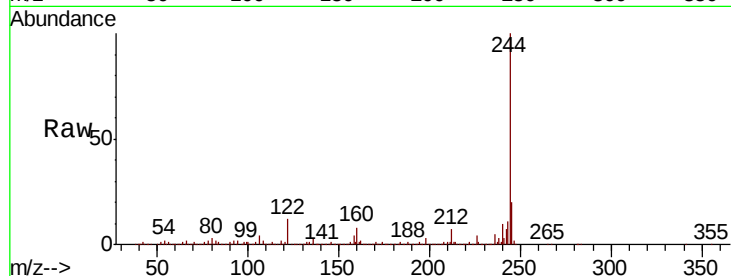
Tot Ion:244 Resp: 6530760

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

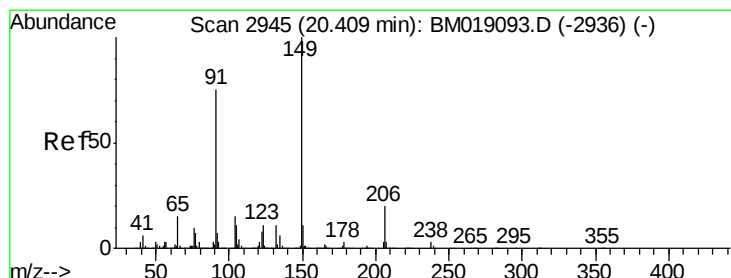
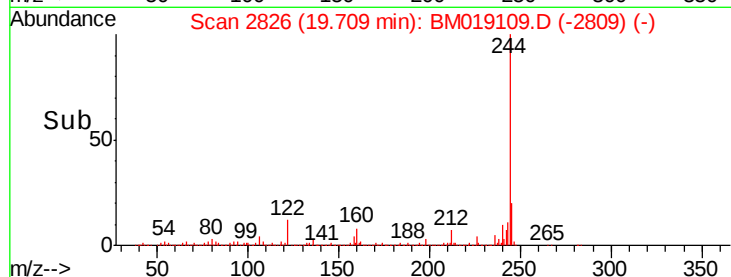
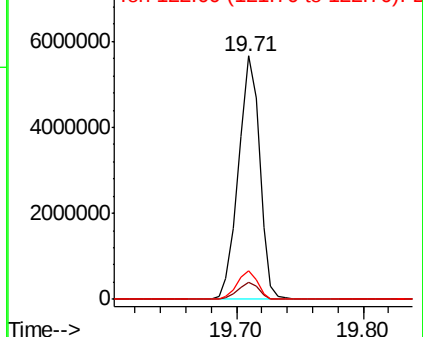
122 11.8 9.4 14.2



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: 0.019 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

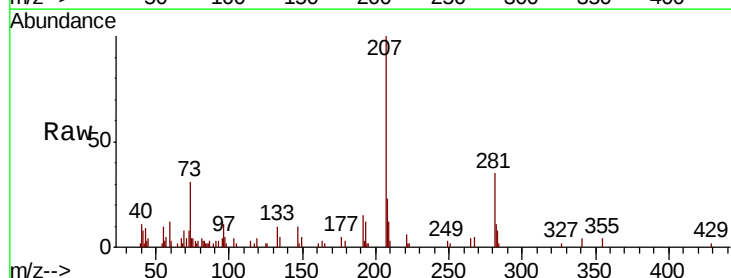
Tgt Ion:149 Resp: 701

Ion Ratio Lower Upper

149 100

91 61.6 60.1 90.1

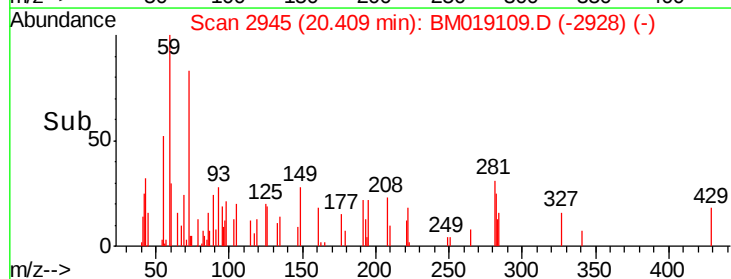
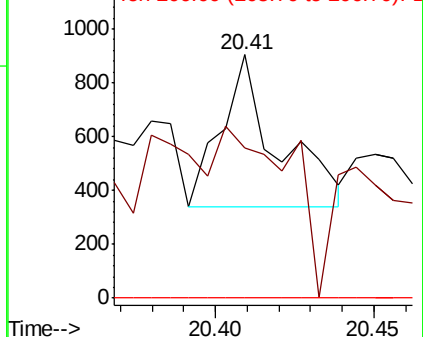
206 0.0 16.2 24.2#

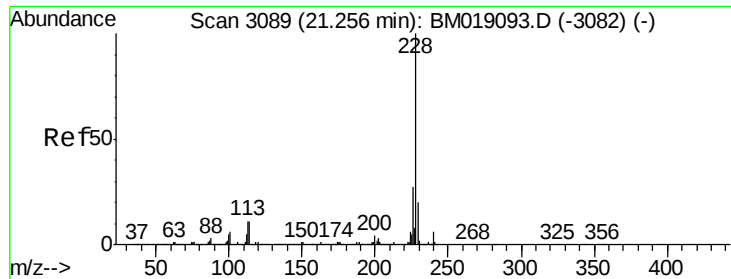


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

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: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampleId :

TP-3

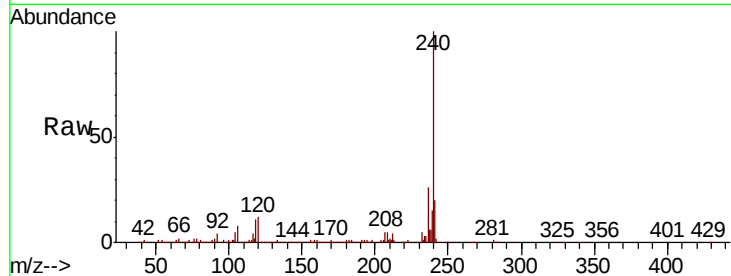
Tot Ion:228 Resp: 3806

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

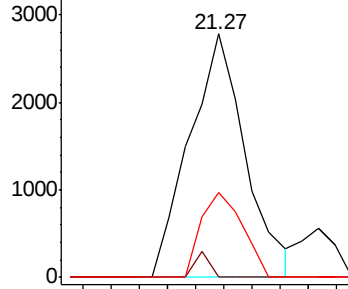
229 35.0 15.8 23.6#



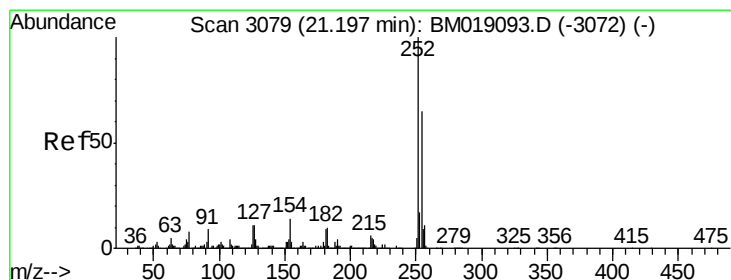
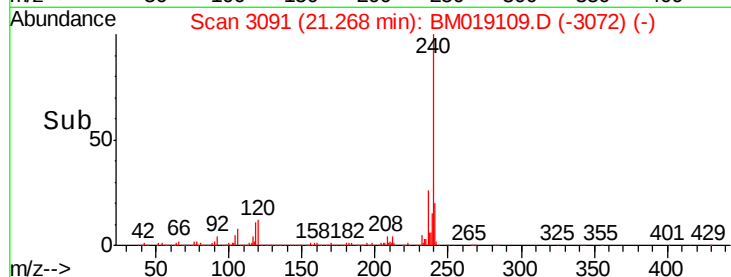
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 0.004 ng

RT: 21.23 min Scan# 3084

Delta R.T. 0.03 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

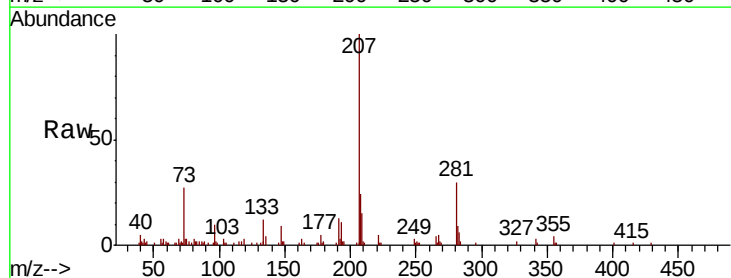
Tgt Ion:252 Resp: 114

Ion Ratio Lower Upper

252 100

254 0.0 52.4 78.6#

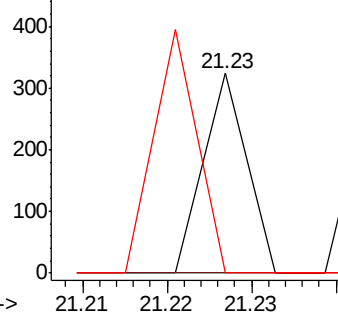
126 0.0 9.0 13.6#



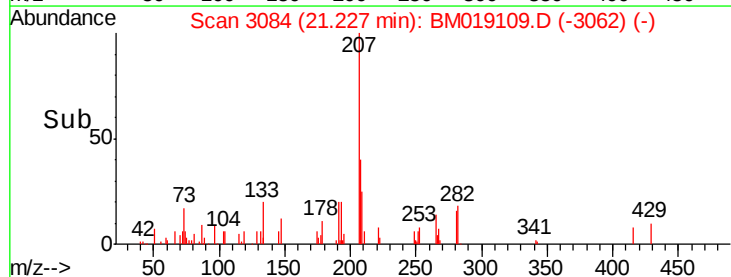
Abundance Ion 252.00 (251.70 to 252.70): E

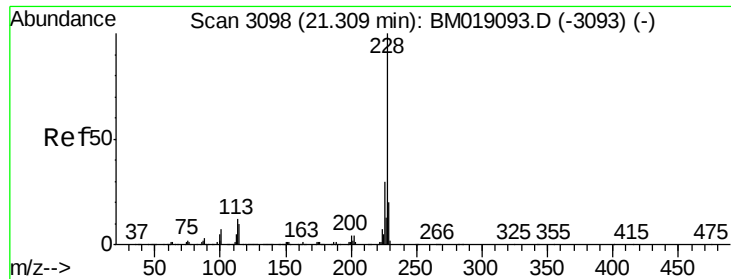
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->

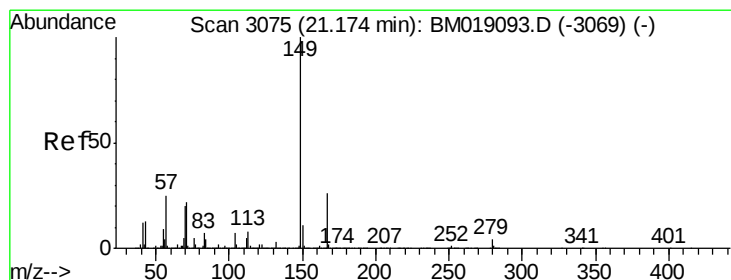
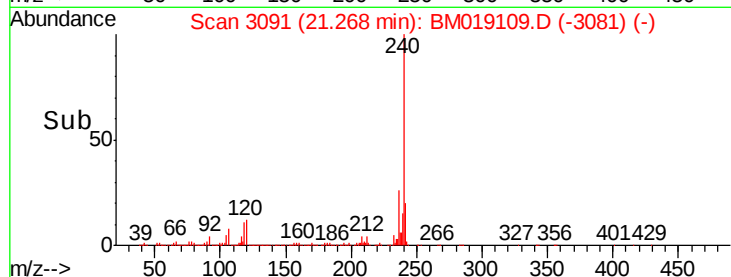
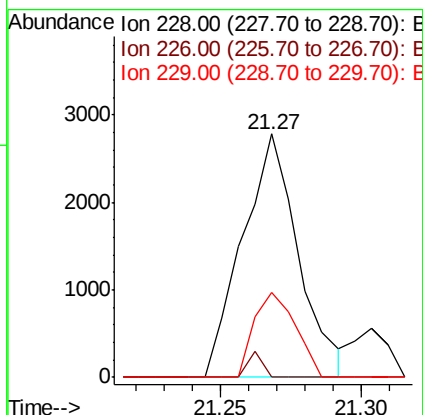
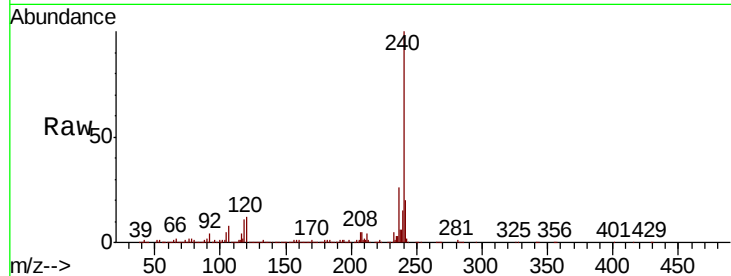




#83
 Chrysene
 Concen: 0.047 ng
 RT: 21.27 min Scan# 3091
 Delta R.T. -0.04 min
 Lab File: BM019109.D
 Acq: 12 Mar 2019 13:26

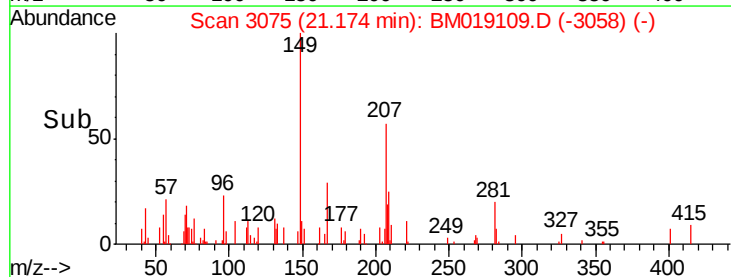
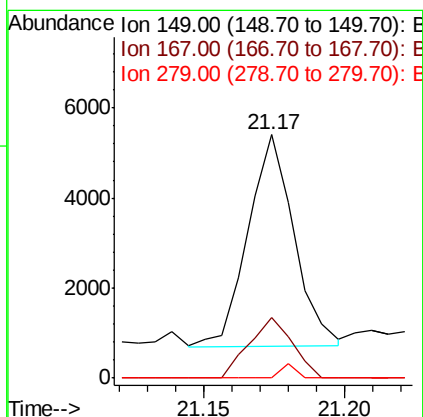
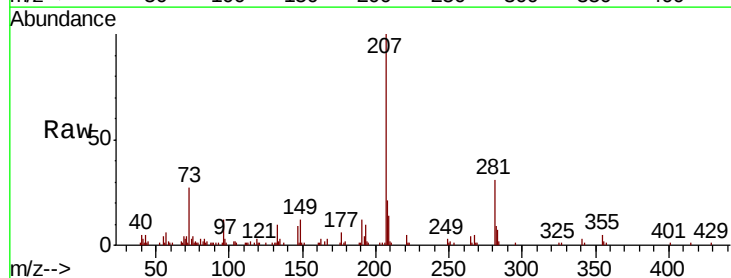
Instrument :
 BNA_M
 ClientSampleId :
 TP-3

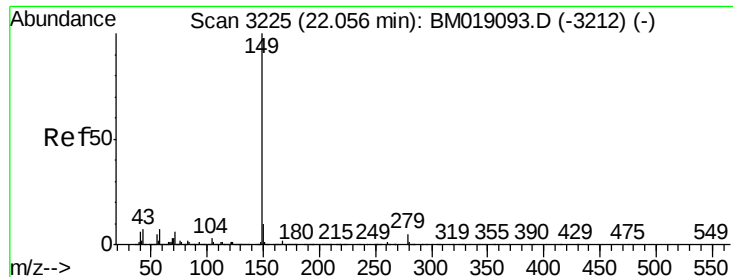
Tot Ion:228 Resp: 3806
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.8 35.8#
 229 35.0 15.7 23.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.099 ng
 RT: 21.17 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM019109.D
 Acq: 12 Mar 2019 13:26

Tgt Ion:149 Resp: 5306
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.1 31.7
 279 0.0 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 22.03 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampled :

TP-3

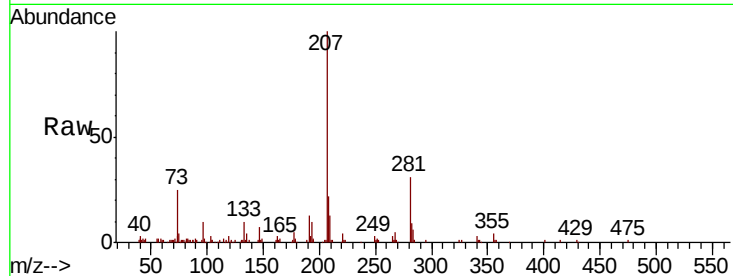
Tot Ion:149 Resp: 706

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

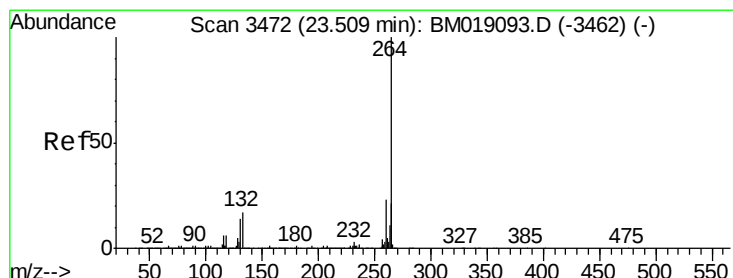
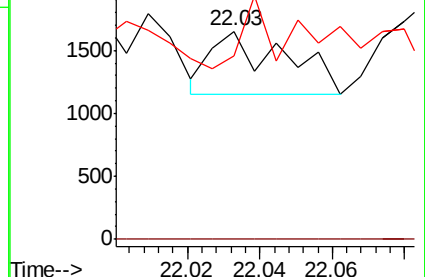
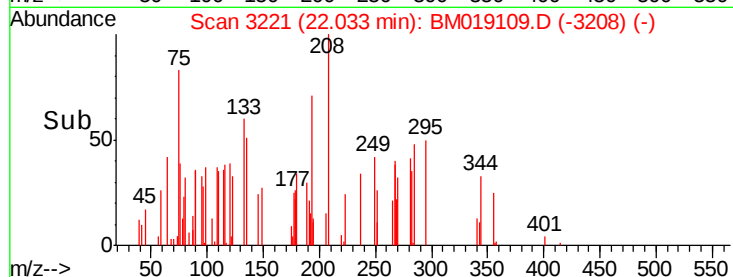
43 36.4 6.1 9.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

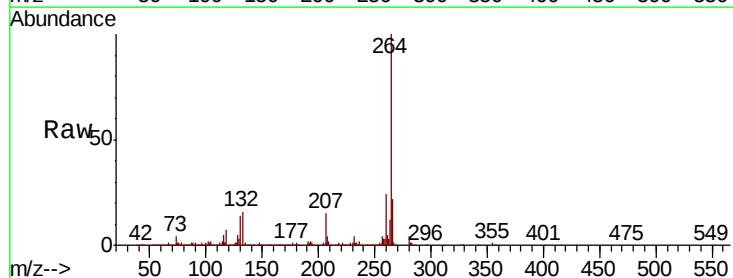
Tgt Ion:264 Resp: 1345281

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

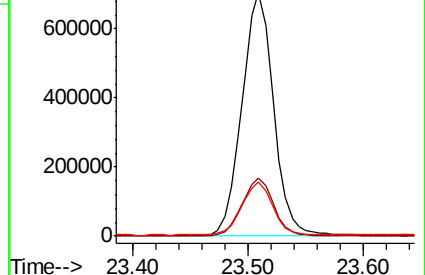
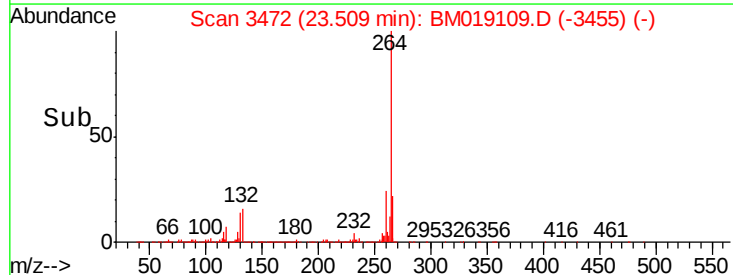
265 22.3 17.3 25.9

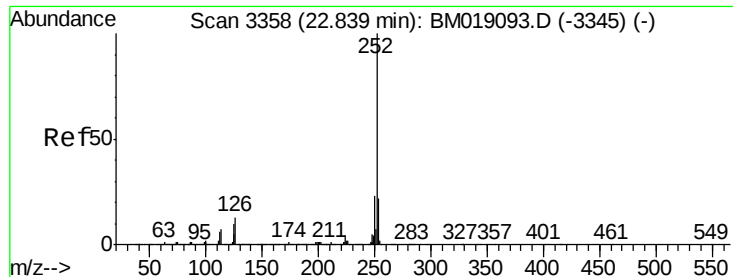


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.016 ng

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampled :

TP-3

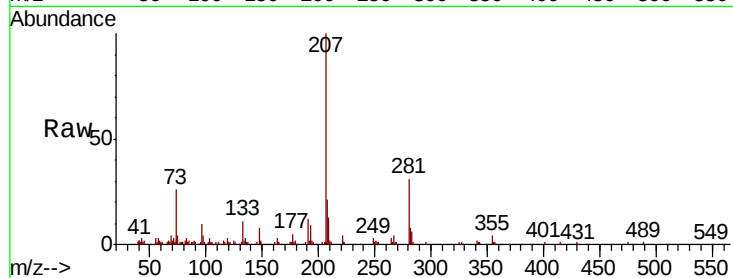
Tot Ion:252 Resp: 1352

Ion Ratio Lower Upper

252 100

253 111.2 17.6 26.4#

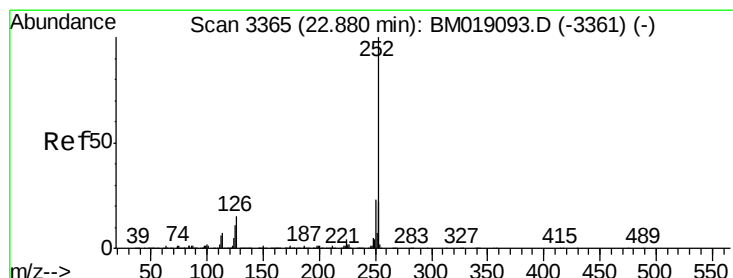
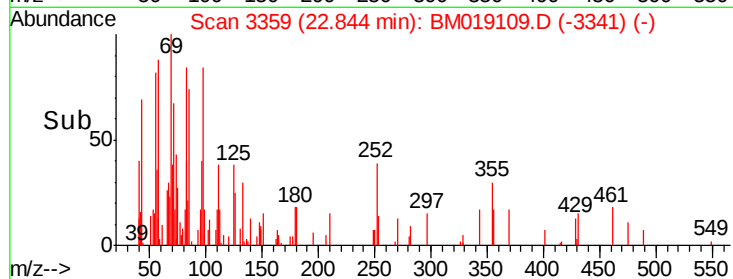
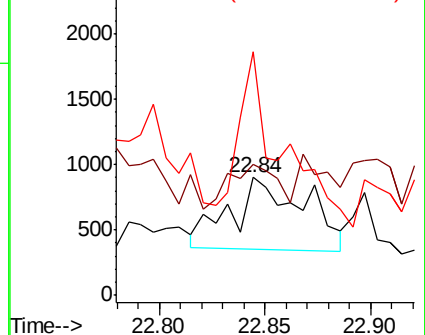
125 206.3 8.1 12.1#



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



#89

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 22.90 min Scan# 3368

Delta R.T. 0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

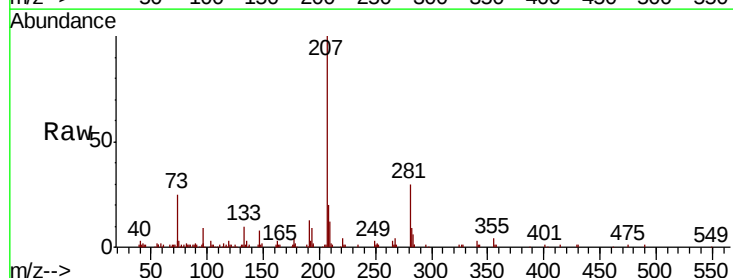
Tgt Ion:252 Resp: 333

Ion Ratio Lower Upper

252 100

253 130.2 17.6 26.4#

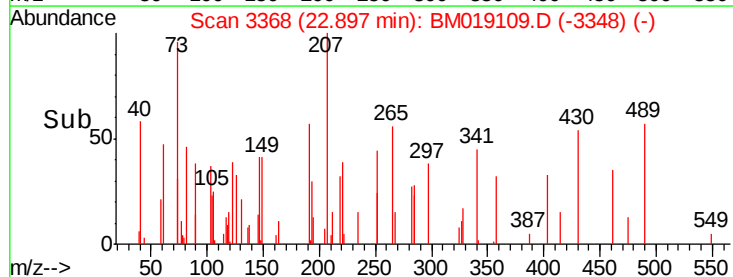
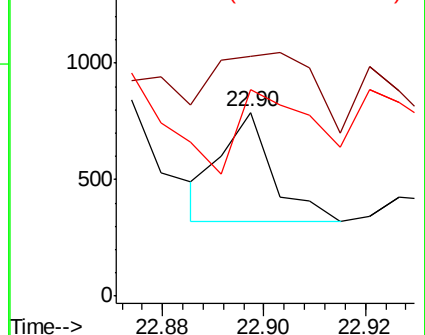
125 112.2 8.8 13.2#

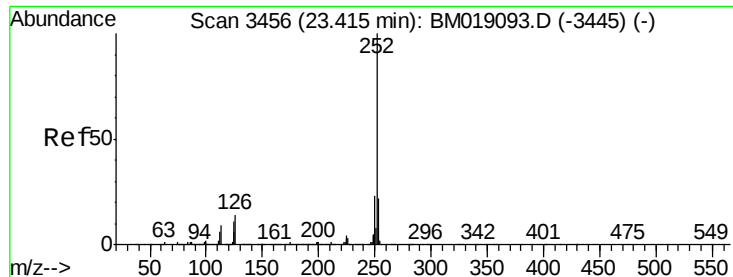


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.022 ng

RT: 23.43 min Scan# 3459

Delta R.T. 0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Instrument :

BNA_M

ClientSampled :

TP-3

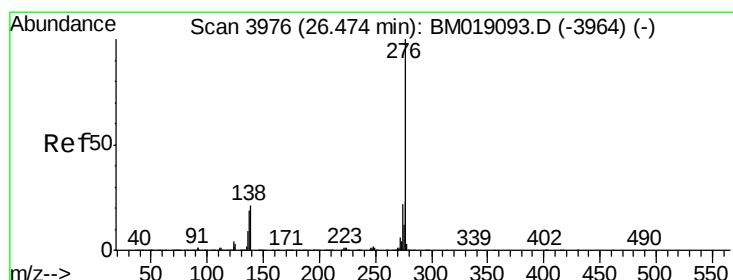
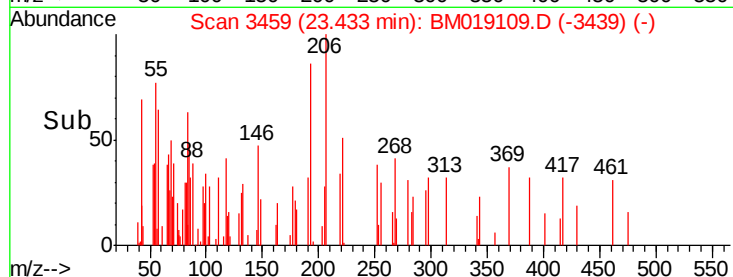
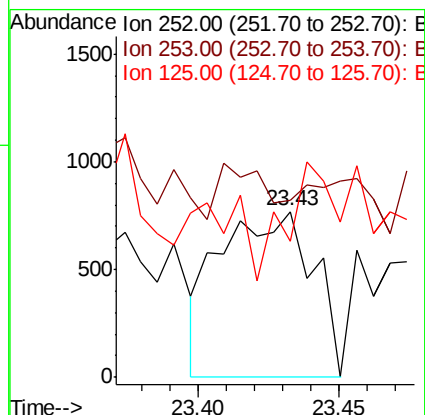
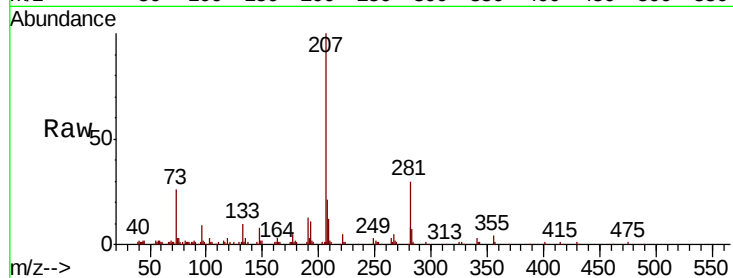
Tot Ion:252 Resp: 1760

Ion Ratio Lower Upper

252 100

253 106.8 17.4 26.2#

125 81.8 9.2 13.8#



#92

Benzo(g,h,i)perylene

Concen: 0.057 ng

RT: 26.49 min Scan# 3979

Delta R.T. 0.02 min

Lab File: BM019109.D

Acq: 12 Mar 2019 13:26

Tgt Ion:276 Resp: 3891

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 26.1 17.0 25.4#

