

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019111.D
 Acq On : 12 Mar 2019 14:39
 Operator : JU/SJ
 Sample : PB117788BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BL

Quant Time: Mar 13 03:52:42 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	195485	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	767626	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	476084	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1133961	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1225628	20.00	ng	0.00
87) Perylene-d12	23.51	264	1235314	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1570958	130.14	ng	0.00
7) Phenol-d6	6.85	99	2206580	124.98	ng	0.00
23) Nitrobenzene-d5	8.83	82	1300961	80.11	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	916586	130.40	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2907488	79.44	ng	0.00
79) Terphenyl-d14	19.71	244	5172404	83.78	ng	0.00

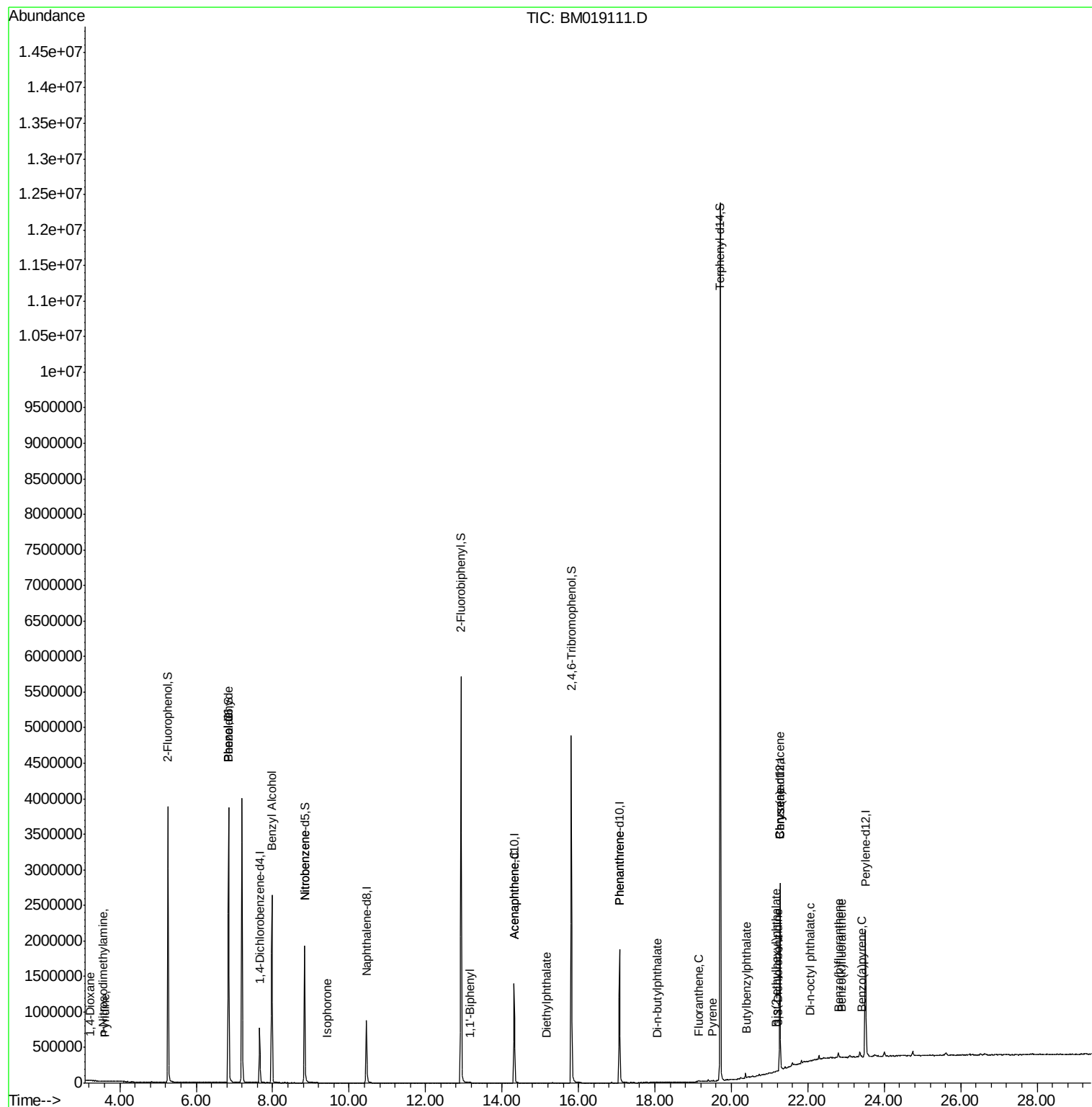
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	110	0.020	ng	# 1
3) Pyridine	3.61	79	333	0.023	ng	# 1
4) n-Nitrosodimethylamine	3.56	42	247	0.054	ng	# 1
9) Benzaldehyde	6.85	77	4550	0.410	ng	# 6
10) Phenol	6.85	94	109	0.006	ng	# 1
15) Benzyl Alcohol	7.97	79	21591	1.478	ng	# 49
24) Nitrobenzene	8.83	77	4655	0.276	ng	# 46
25) Isophorone	9.41	82	272	0.009	ng	# 68
46) 1,1'-Biphenyl	13.15	154	3541	0.085	ng	# 88
52) Acenaphthene	14.32	154	1476	0.049	ng	# 5
60) Diethylphthalate	15.17	149	1121	0.027	ng	# 60
71) Phenanthrene	17.07	178	373	0.006	ng	# 1
74) Di-n-butylphthalate	18.05	149	248	0.003	ng	# 78
75) Fluoranthene	19.16	202	116	0.002	ng	# 63
78) Pyrene	19.52	202	330	0.004	ng	# 57
80) Butylbenzylphthalate	20.40	149	903	0.027	ng	# 21
81) Benzo(a)anthracene	21.26	228	3476	0.045	ng	# 69
82) 3,3'-Dichlorobenzidine	21.21	252	335	0.011	ng	# 25
83) Chrysene	21.26	228	3476	0.047	ng	# 66
84) Bis(2-ethylhexyl)phthalate	21.17	149	1831	0.037	ng	# 95
85) Di-n-octyl phthalate	22.07	149	229	0.003	ng	# 1
88) Benzo(b)fluoranthene	22.83	252	535	0.007	ng	# 1
89) Benzo(k)fluoranthene	22.89	252	417	0.006	ng	# 1
90) Benzo(a)pyrene	23.41	252	274	0.004	ng	# 1

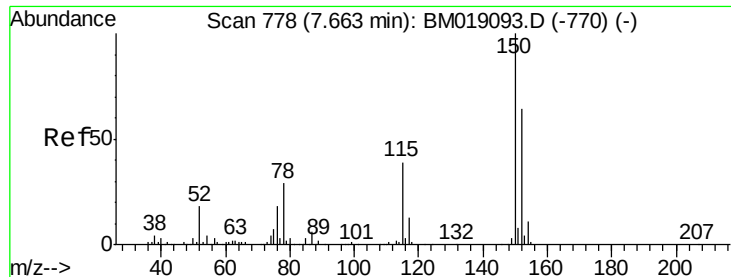
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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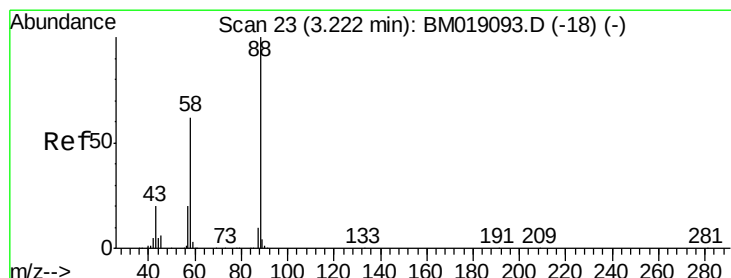
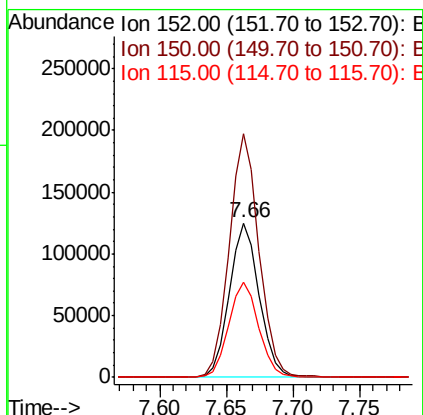
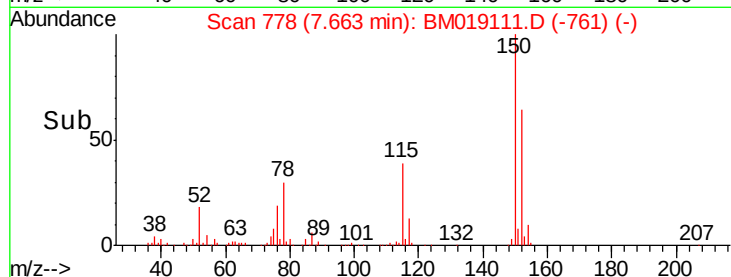
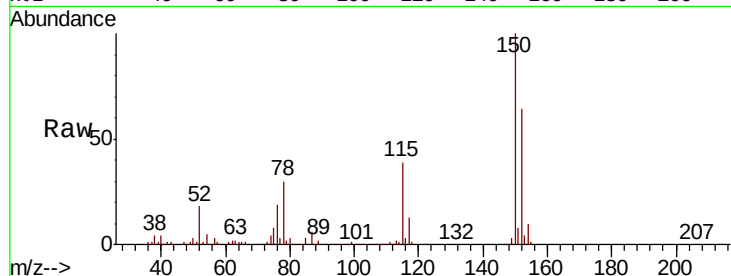


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

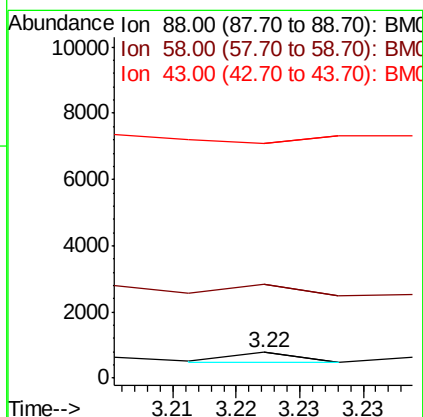
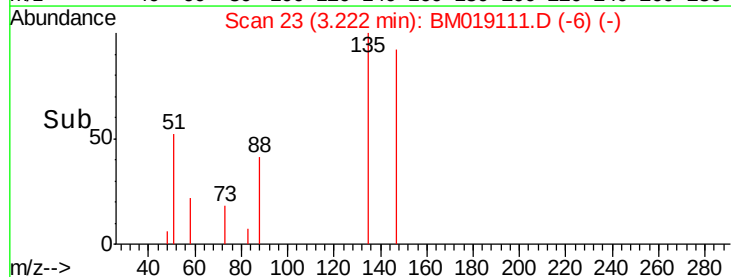
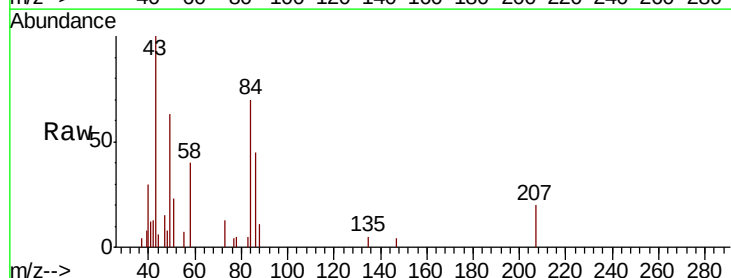
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.3	187.9
115	61.5	49.4	74.0

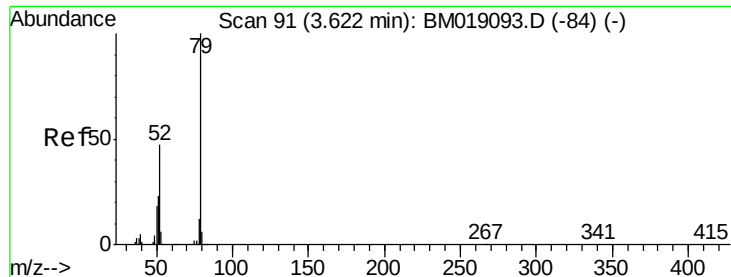


#2

1,4-Dioxane
Concen: 0.020 ng
RT: 3.22 min Scan# 23
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	1235.5	50.0	75.0#
43	0.0	17.0	25.4#

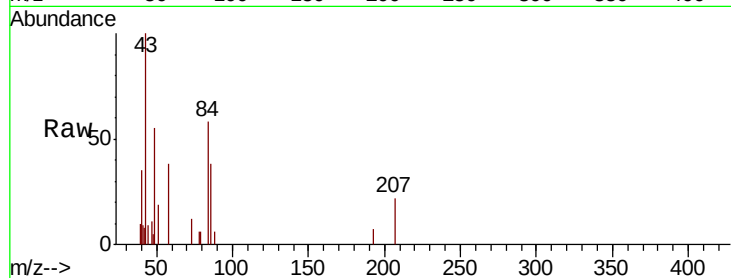




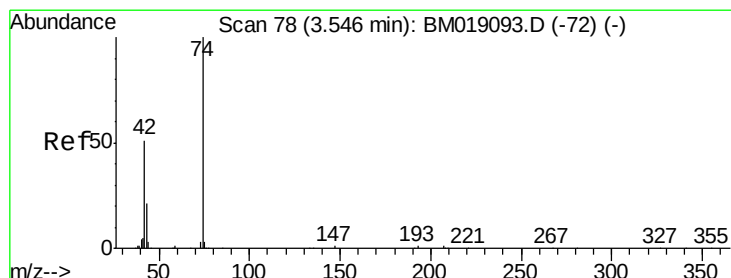
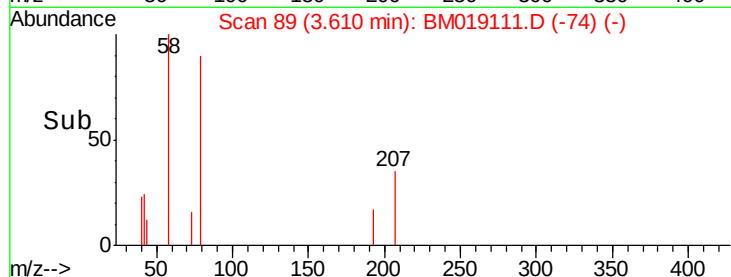
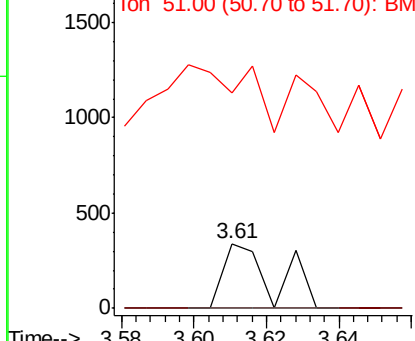
#3
 Pvridine
 Concen: 0.023 ng
 RT: 3.61 min Scan# 89
 Delta R.T. -0.01 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BL

Tot Ion: 79 Resp: 333
 Ion Ratio Lower Upper
 79 100
 52 0.0 37.5 56.3#
 51 331.1 19.2 28.8#

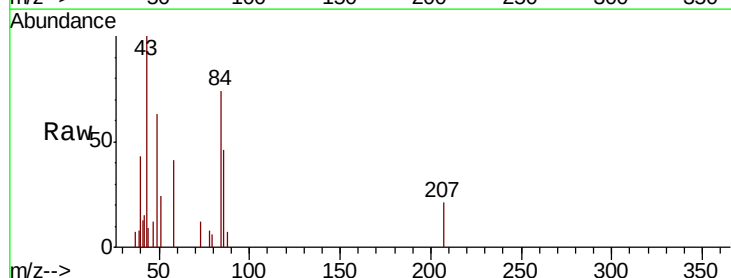


Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0

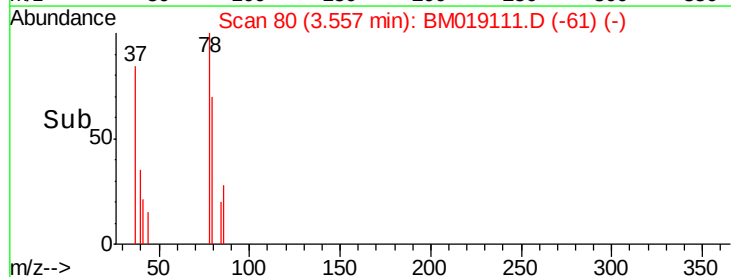
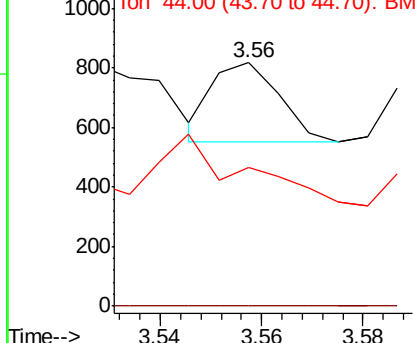


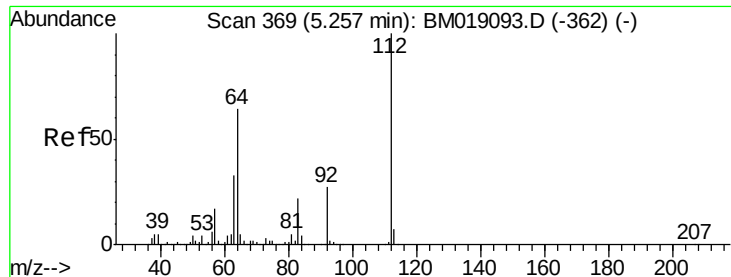
#4
 n-Nitrosodimethylamine
 Concen: 0.054 ng
 RT: 3.56 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

Tgt Ion: 42 Resp: 247
 Ion Ratio Lower Upper
 42 100
 74 0.0 156.3 234.5#
 44 56.7 4.6 7.0#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 130.145 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

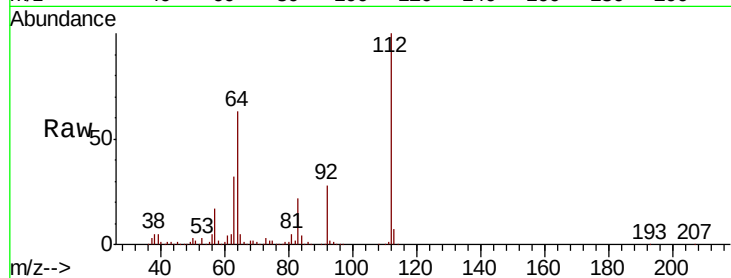
Tot Ion:112 Resp: 1570958

Ion Ratio Lower Upper

112 100

64 62.9 51.4 77.0

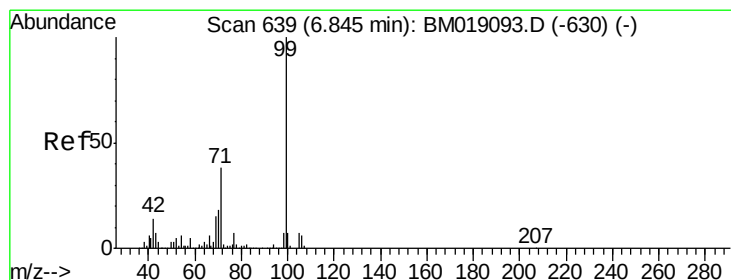
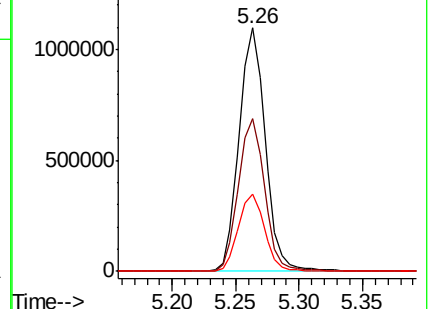
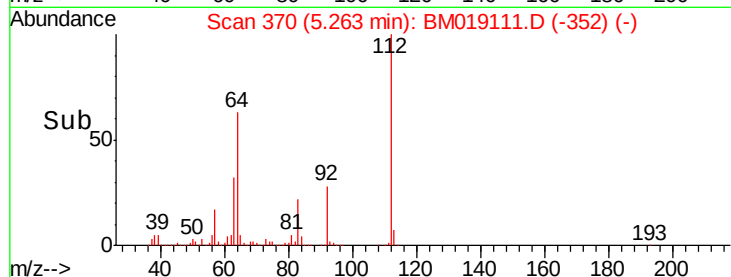
63 31.8 26.6 40.0



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: 124.975 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

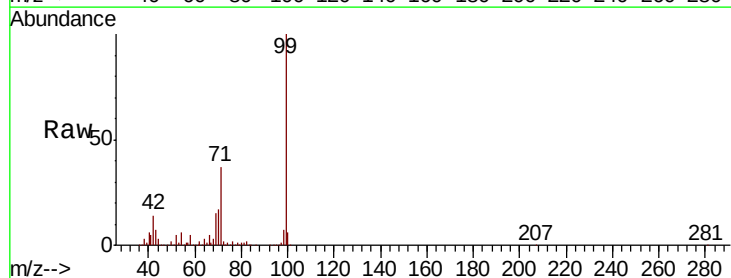
Tgt Ion: 99 Resp: 2206580

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

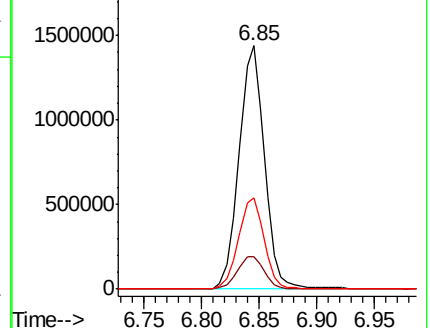
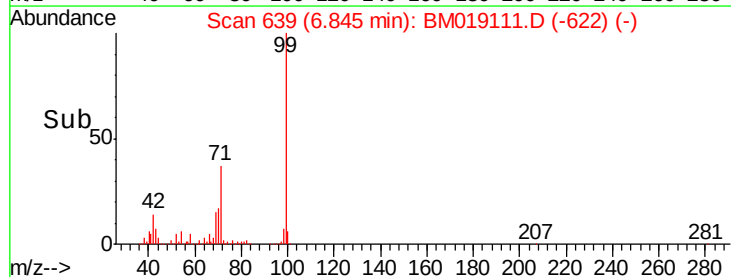
71 37.3 30.3 45.5

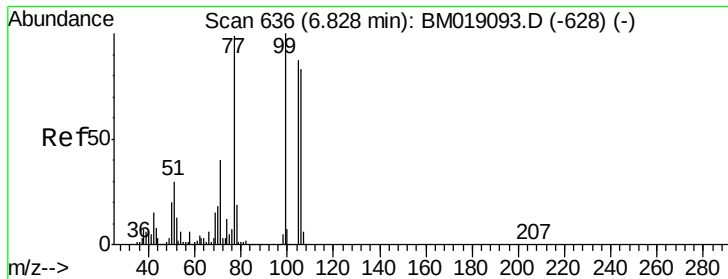


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#9

Benzaldehyde

Concen: 0.410 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.02 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

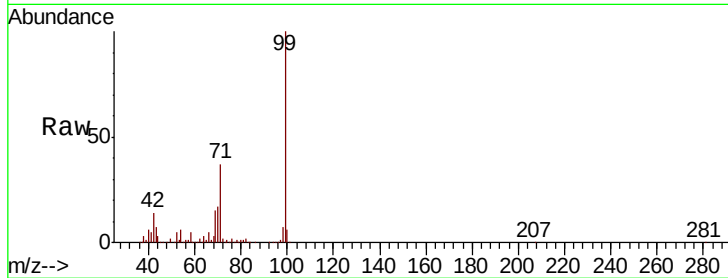
Tot Ion: 77 Resp: 4550

Ion Ratio Lower Upper

77 100

105 0.0 67.7 107.7#

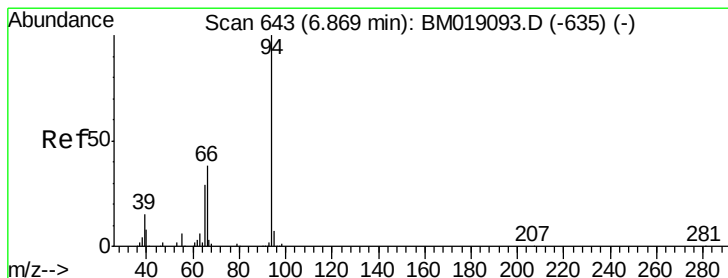
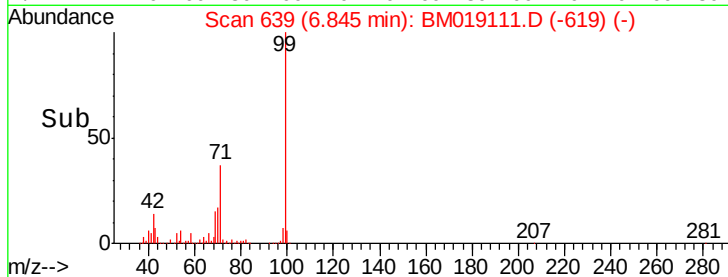
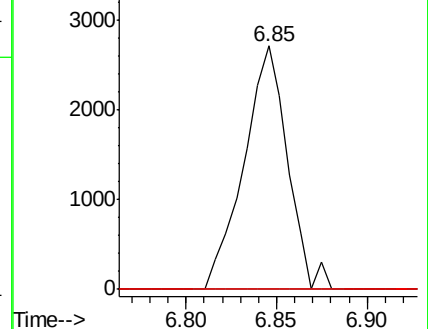
106 0.0 64.1 104.1#



Abundance Ion 77.00 (76.70 to 77.70): BM019111.D (-619) (-)

Ion 105.00 (104.70 to 105.70): BM019111.D (-619) (-)

Ion 106.00 (105.70 to 106.70): BM019111.D (-619) (-)



#10

Phenol

Concen: 0.006 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

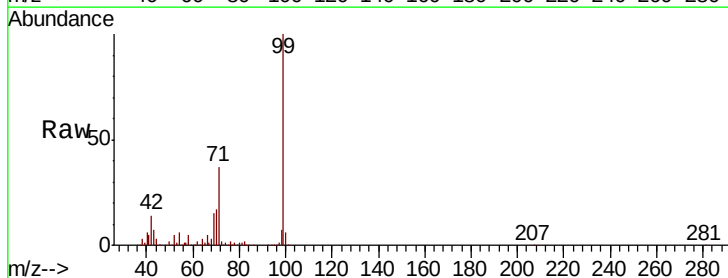
Tgt Ion: 94 Resp: 109

Ion Ratio Lower Upper

94 100

65 4445.5 9.7 49.7#

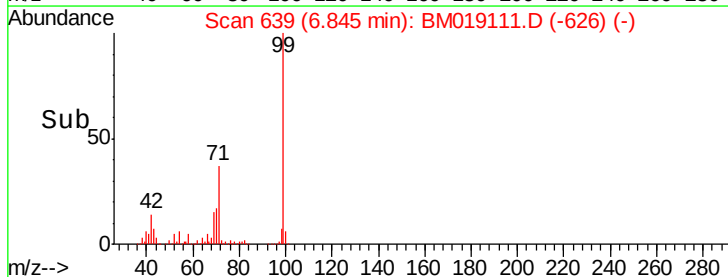
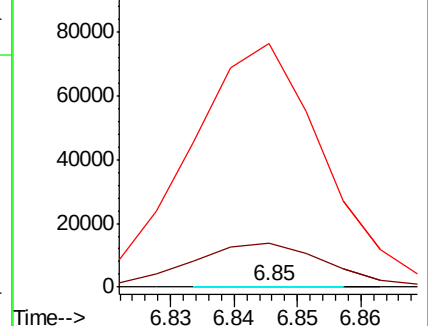
66 24665.8 19.2 59.2#

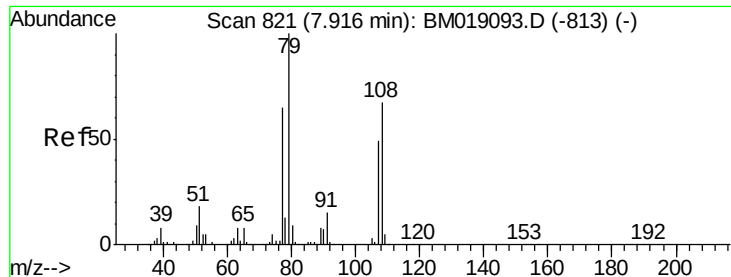


Abundance Ion 94.00 (93.70 to 94.70): BM019111.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019111.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019111.D (-626) (-)





#15

Benzyl Alcohol

Concen: 1.478 ng

RT: 7.97 min Scan# 831

Delta R.T. 0.06 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

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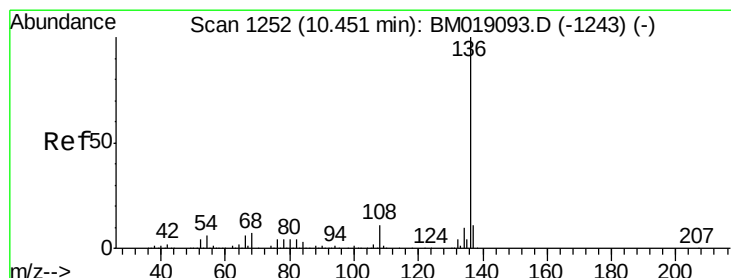
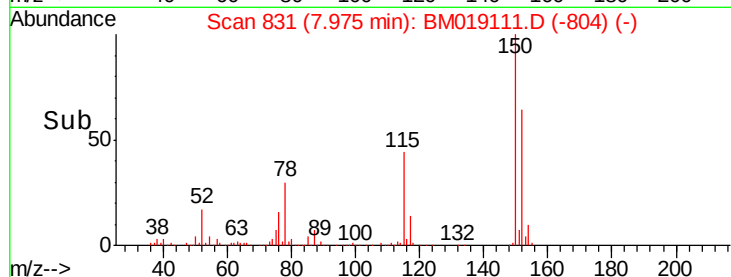
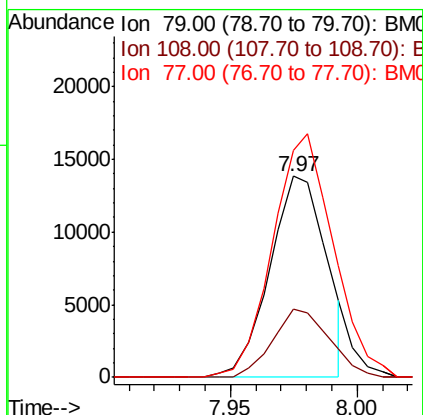
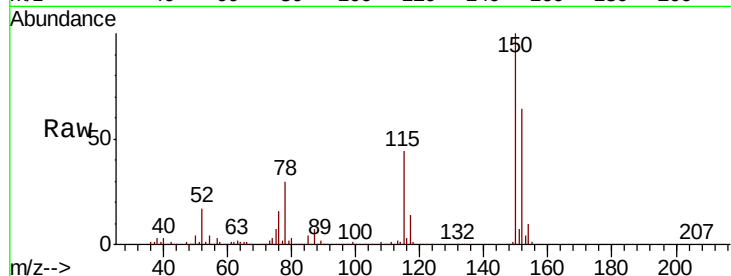
Tot Ion: 79 Resp: 21591

Ion Ratio Lower Upper

79 100

108 33.6 53.7 80.5#

77 112.6 51.8 77.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Tgt Ion: 136 Resp: 767626

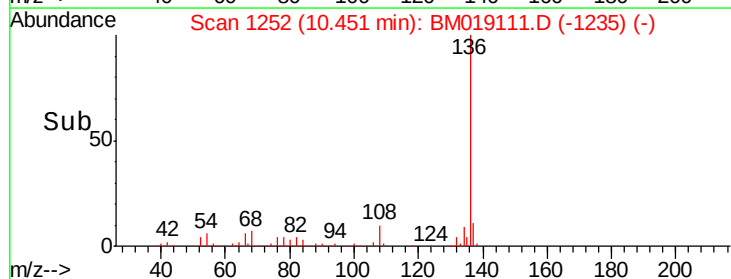
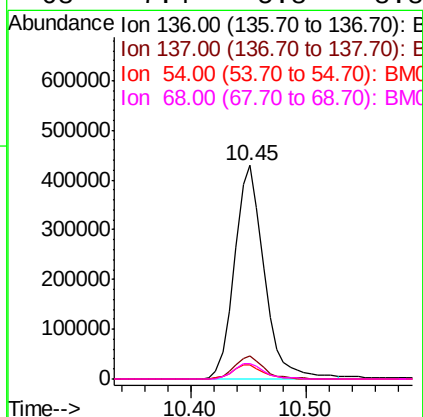
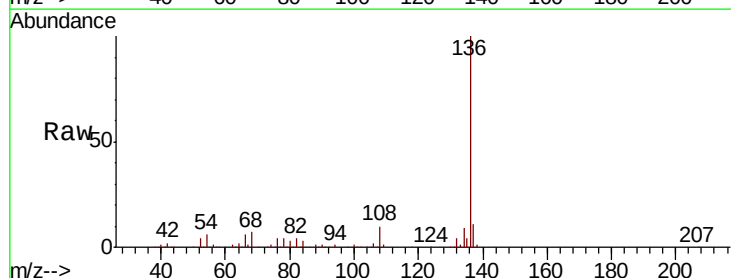
Ion Ratio Lower Upper

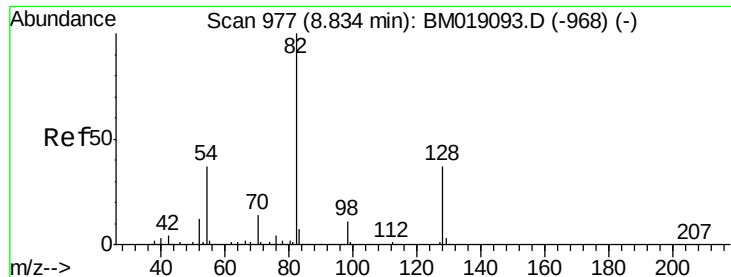
136 100

137 10.9 8.6 13.0

54 6.5 5.2 7.8

68 7.4 5.8 8.8

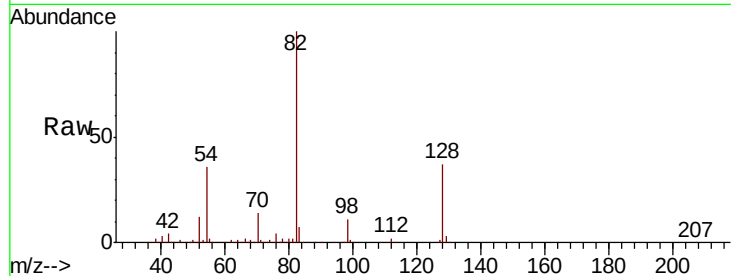




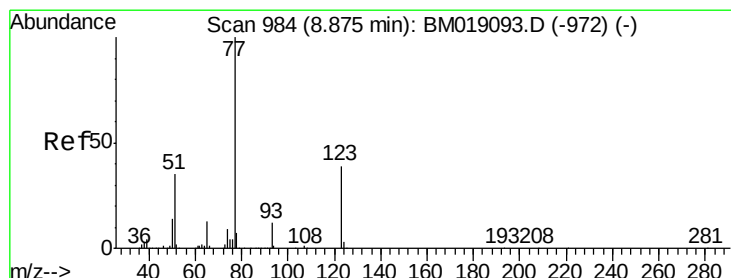
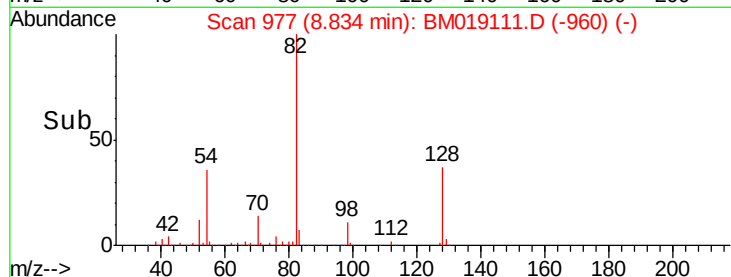
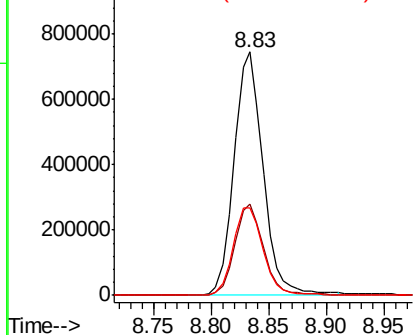
#23
Nitrobenzene-d5
Concen: 80.113 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

Tot Ion: 82 Resp: 1300961
Ion Ratio Lower Upper
82 100
128 37.5 29.4 44.2
54 36.1 29.9 44.9

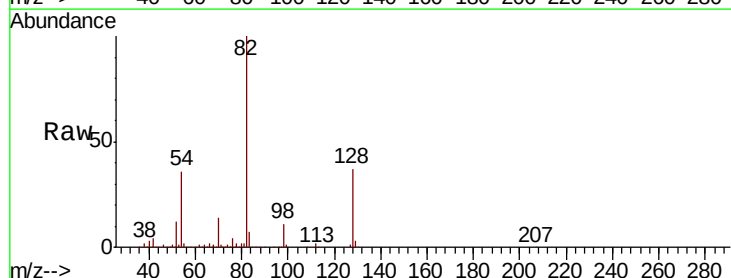


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

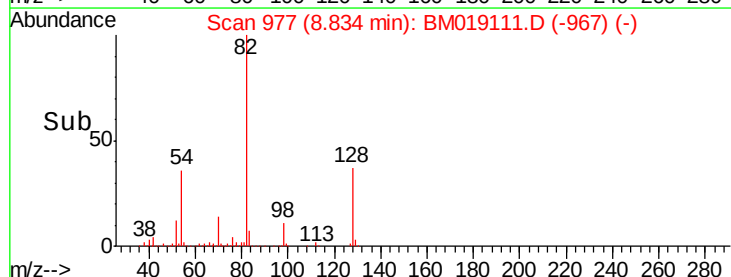
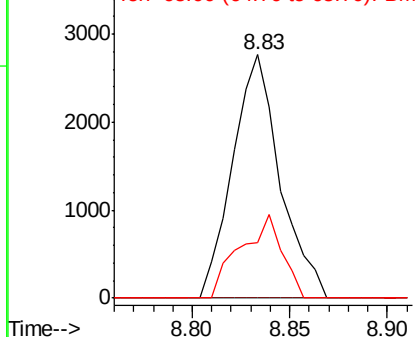


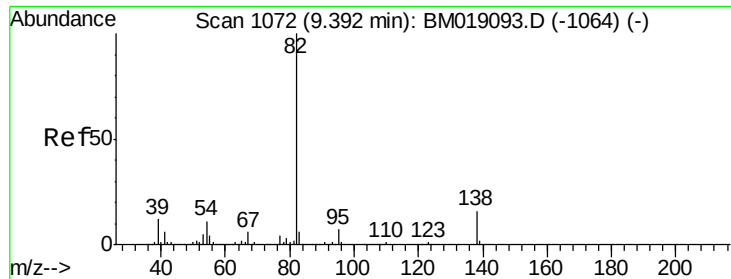
#24
Nitrobenzene
Concen: 0.276 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion: 77 Resp: 4655
Ion Ratio Lower Upper
77 100
123 0.0 31.3 46.9#
65 23.0 10.5 15.7#



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 0.009 ng

RT: 9.41 min Scan# 1075

Delta R.T. 0.02 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

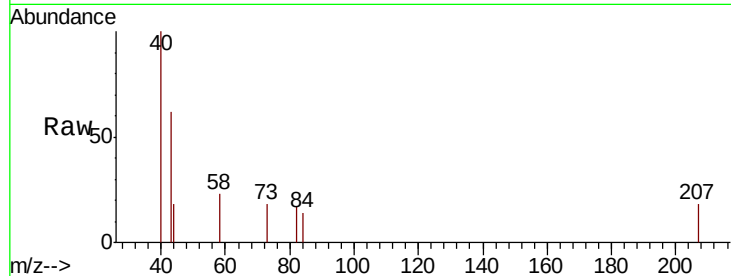
Tot Ion: 82 Resp: 272

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 12.6 18.8#

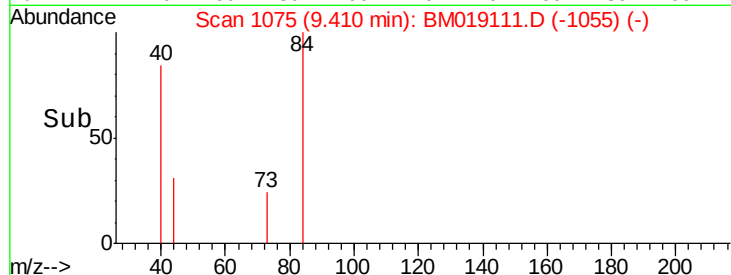


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

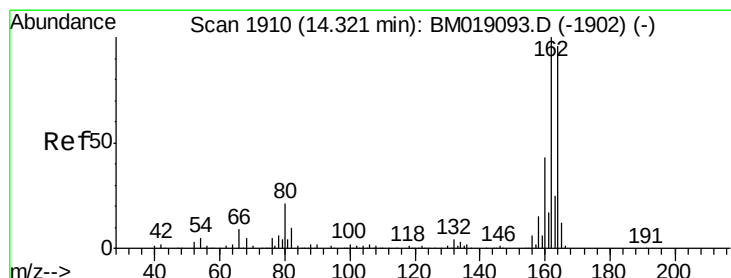
Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)

Time-->



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

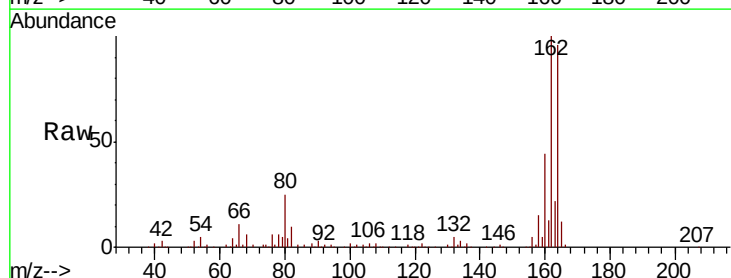
Tgt Ion: 164 Resp: 476084

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

160 46.1 36.3 54.5

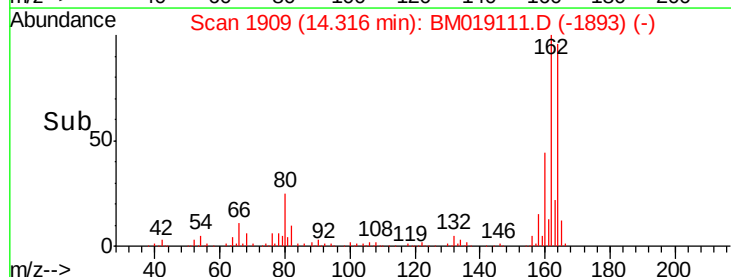


Abundance Ion 164.00 (163.70 to 164.70): BM019093.D (-1902) (-)

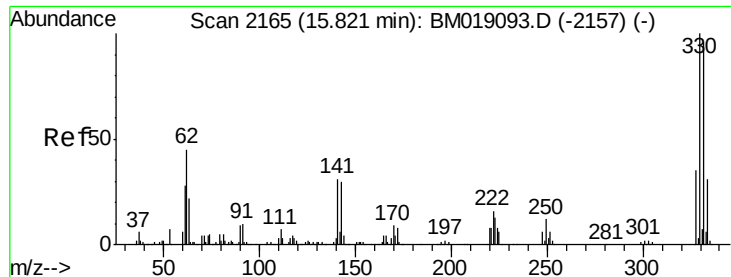
Ion 162.00 (161.70 to 162.70): BM019093.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM019093.D (-1902) (-)

Time-->



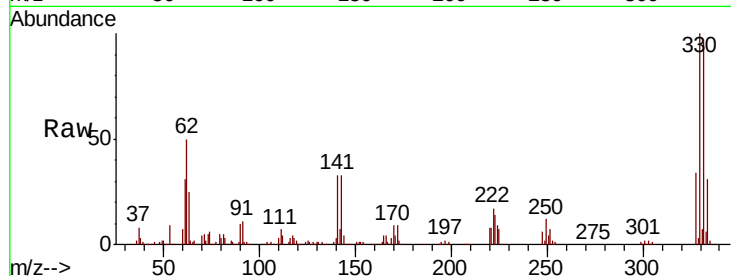
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 130.397 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

Instrument :
 BNA_M
 ClientSampleId :
 PB117788BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	33.7	27.0	40.4

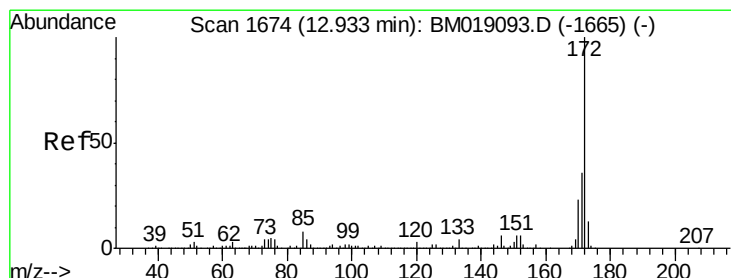
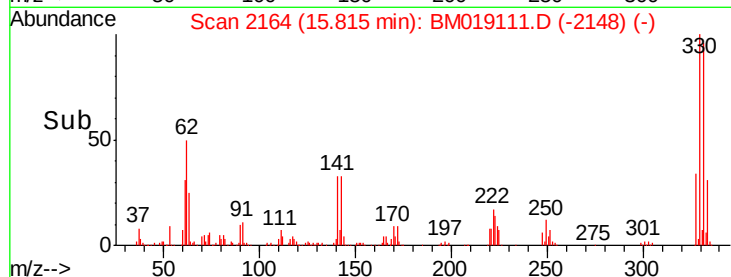
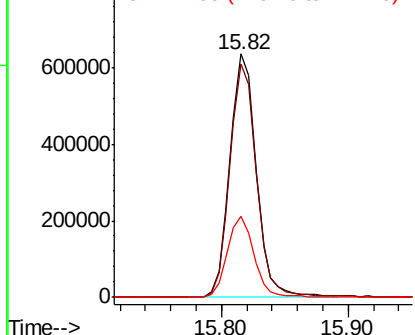


Abundance

Ion 329.80 (329.50 to 330.50): E

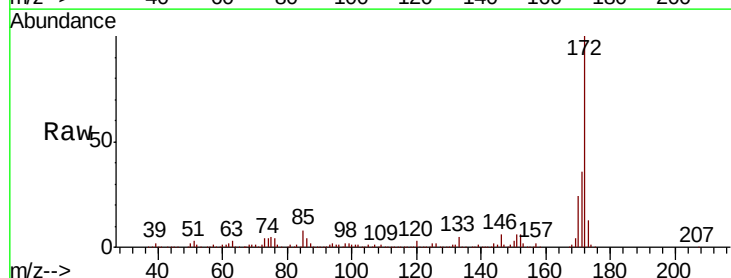
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.439 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.6	18.6	28.0

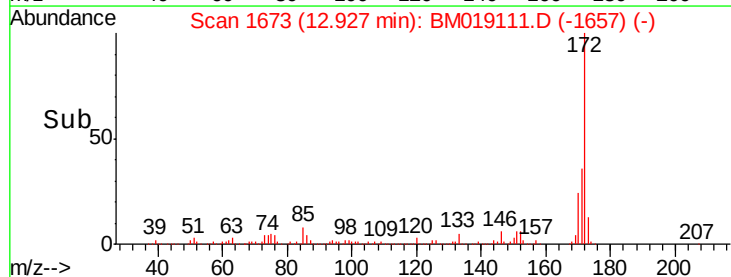
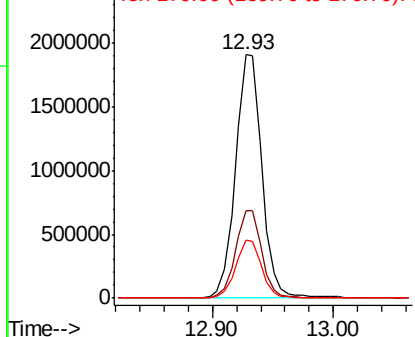


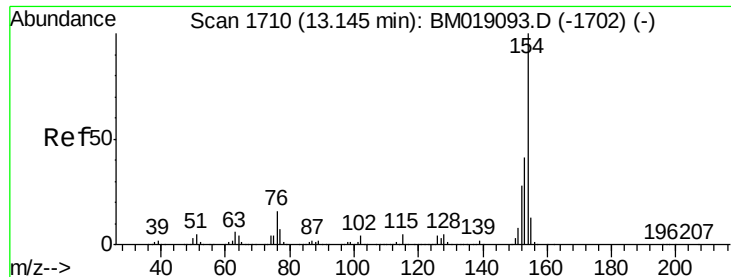
Abundance

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: 0.085 ng

RT: 13.15 min Scan# 1711

Delta R.T. 0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

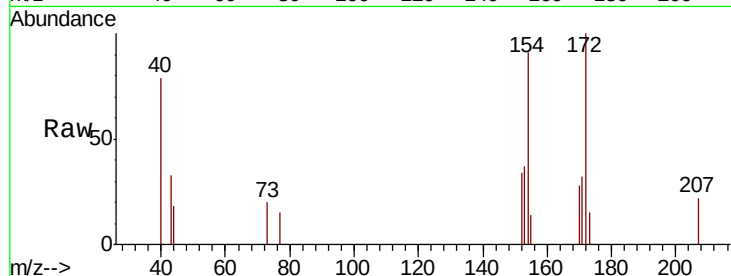
Tot Ion:154 Resp: 3541

Ion Ratio Lower Upper

154 100

153 40.4 21.5 61.5

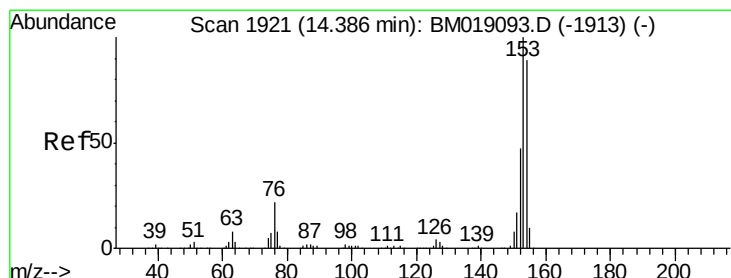
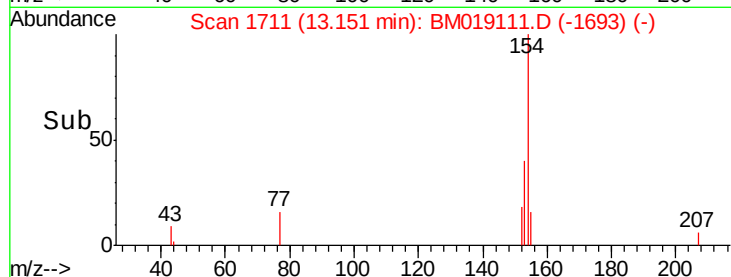
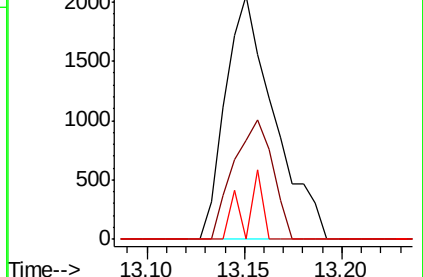
76 0.0 0.0 35.8



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



#52

Acenaphthene

Concen: 0.049 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.07 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

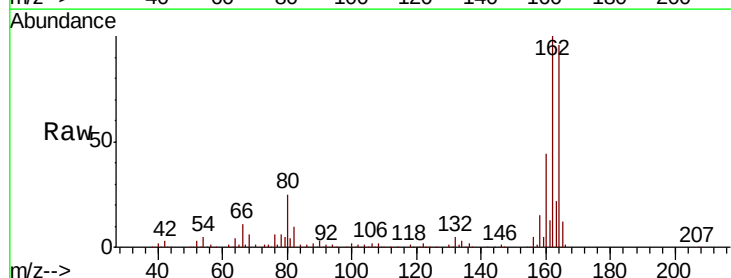
Tgt Ion:154 Resp: 1476

Ion Ratio Lower Upper

154 100

153 0.0 90.1 135.1#

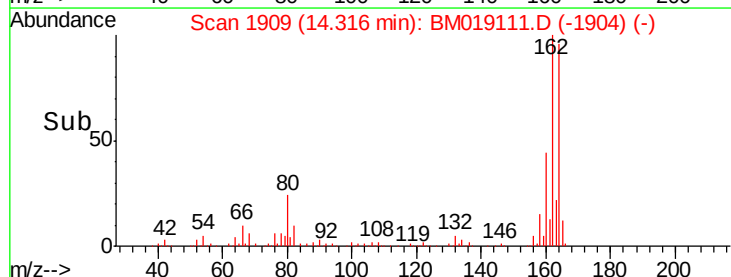
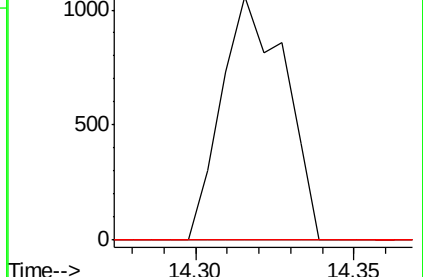
152 0.0 42.5 63.7#

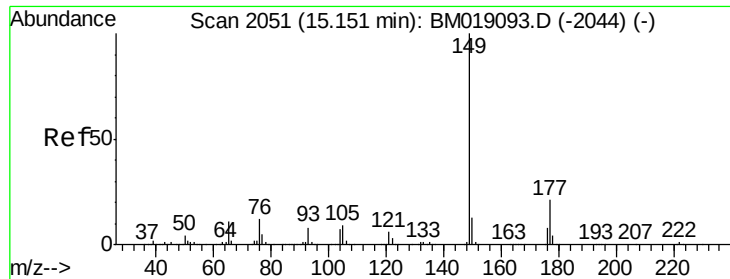


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#60

Diethylphthalate

Concen: 0.027 ng

RT: 15.17 min Scan# 2054

Delta R.T. 0.02 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

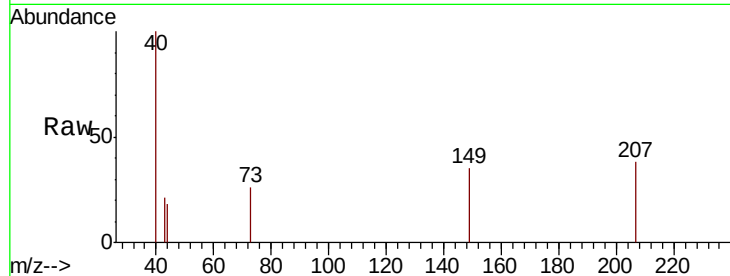
Tot Ion:149 Resp: 1121

Ion Ratio Lower Upper

149 100

177 0.0 17.0 25.6#

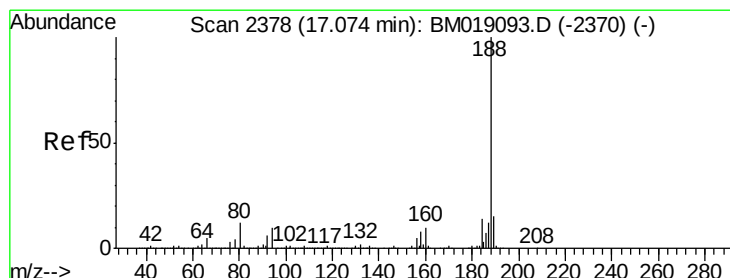
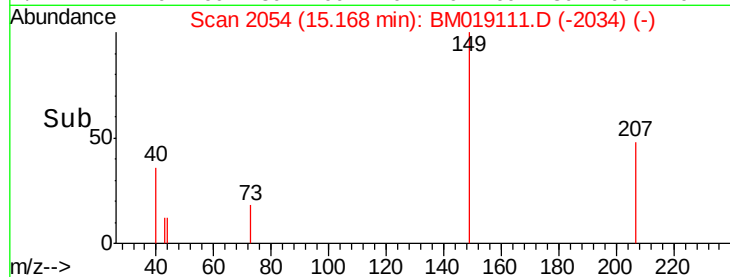
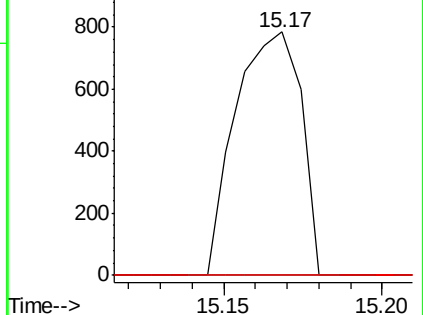
150 0.0 10.2 15.4#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

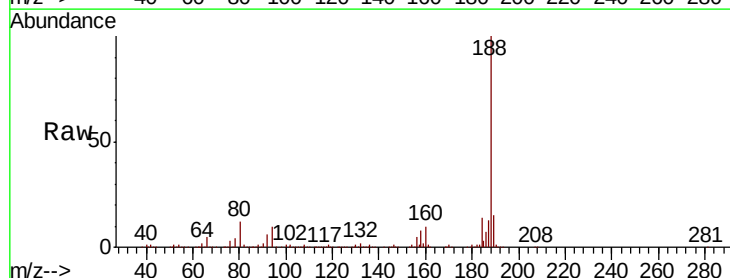
Tgt Ion:188 Resp: 1133961

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

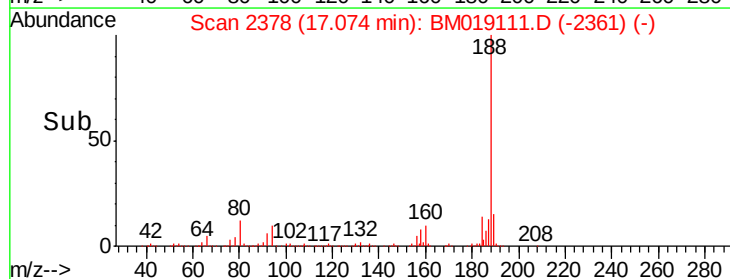
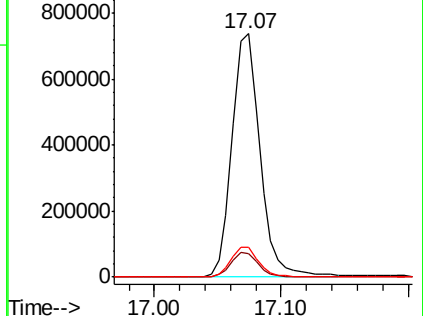
80 12.1 9.7 14.5

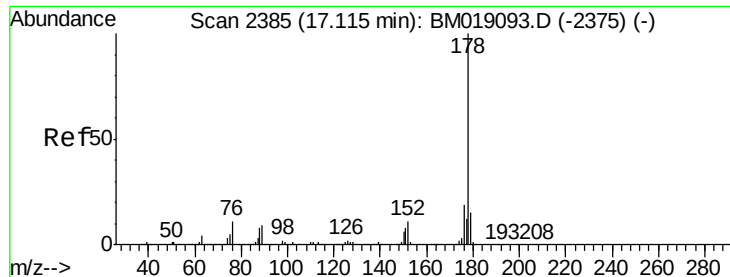


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

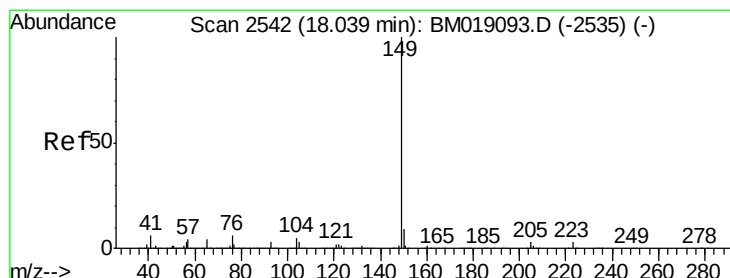
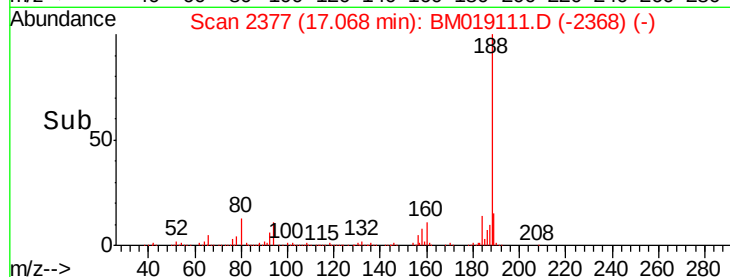
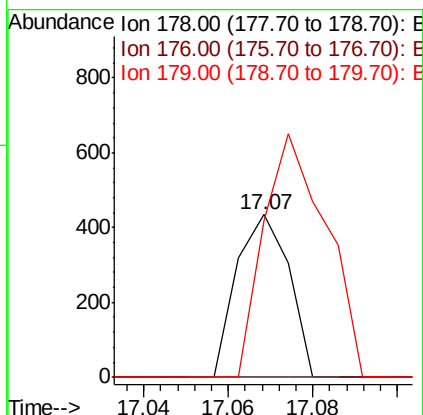
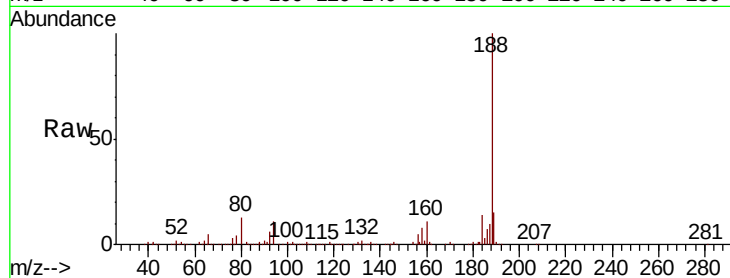




#71
Phenanthrene
Concen: 0.006 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.05 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

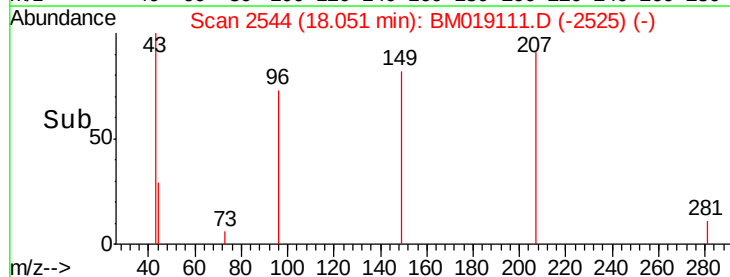
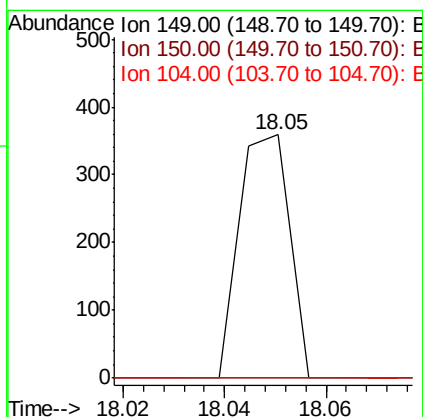
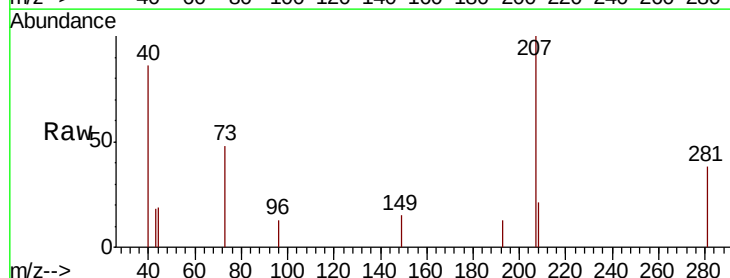
Instrument :
BNA_M
ClientSampleId :
PB117788BL

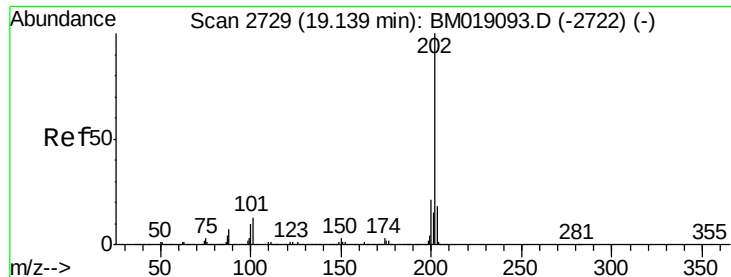
Tot Ion:178 Resp: 373
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 96.1 12.2 18.2#



#74
Di-n-butylphthalate
Concen: 0.003 ng
RT: 18.05 min Scan# 2544
Delta R.T. 0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion:149 Resp: 248
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 4.2 6.4#





#75

Fluoranthene

Concen: 0.002 ng

RT: 19.16 min Scan# 2733

Delta R.T. 0.02 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

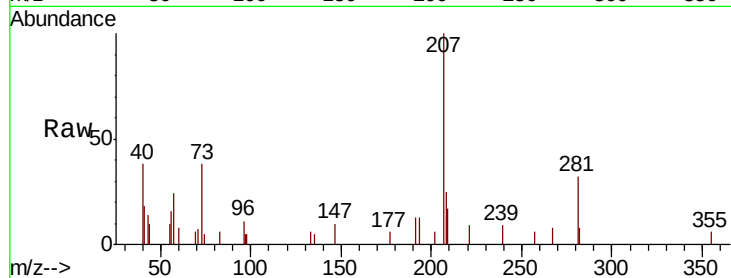
Tot Ion:202 Resp: 116

Ion Ratio Lower Upper

202 100

101 0.0 0.0 33.0

203 0.0 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.16

400

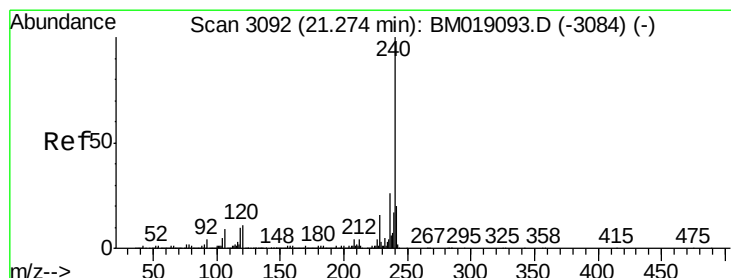
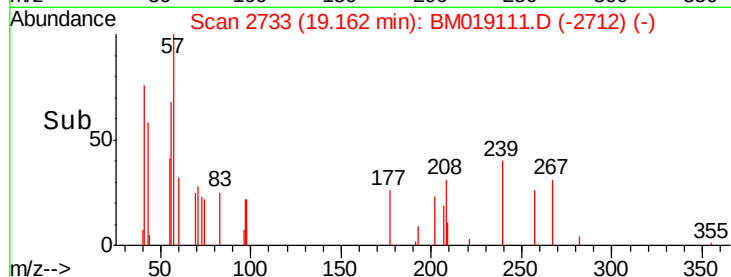
300

200

100

0

Time--> 19.14 19.16 19.18



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

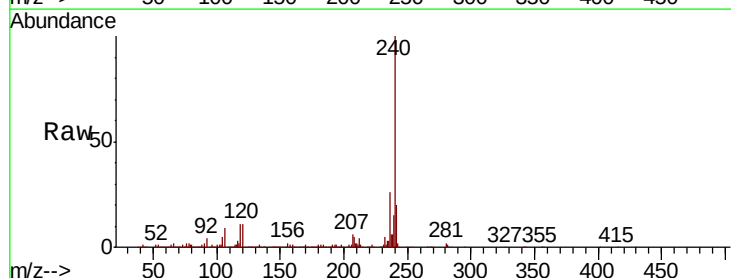
Tgt Ion:240 Resp: 1225628

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.1 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

1200000

1000000

800000

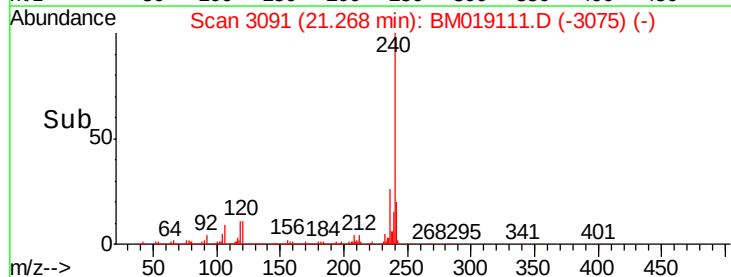
600000

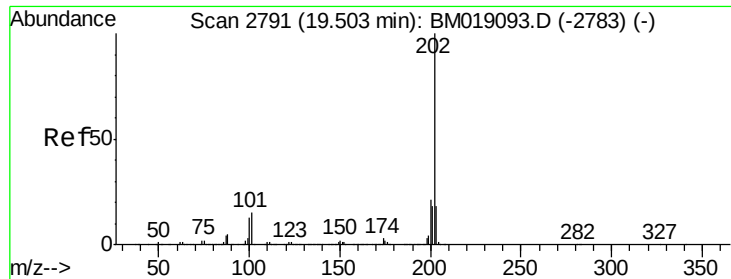
400000

200000

0

Time--> 21.20 21.30

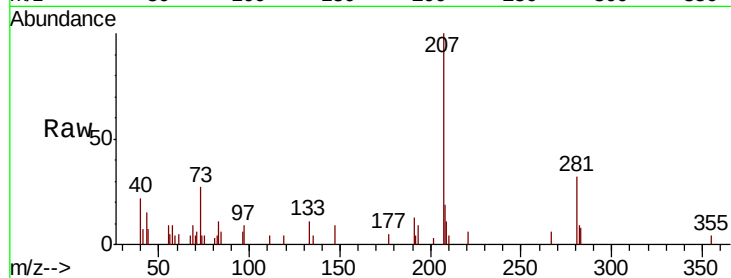




#78
Pvrene
Concen: 0.004 ng
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.0	21.0#

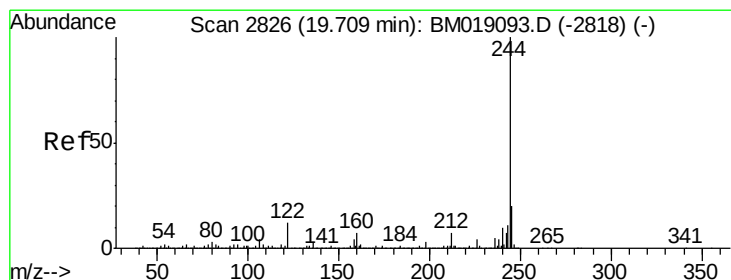
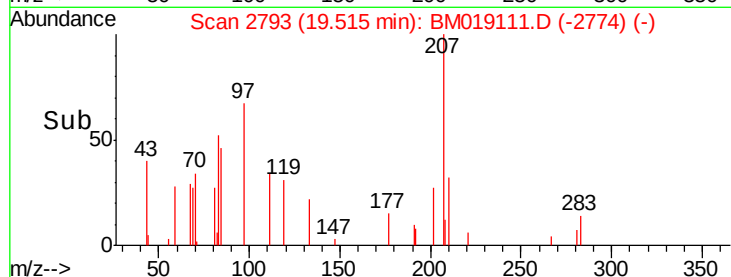
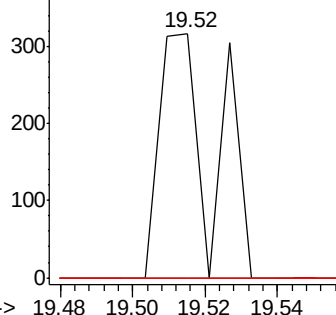


Abundance

Ion 202.00 (201.70 to 202.70): E

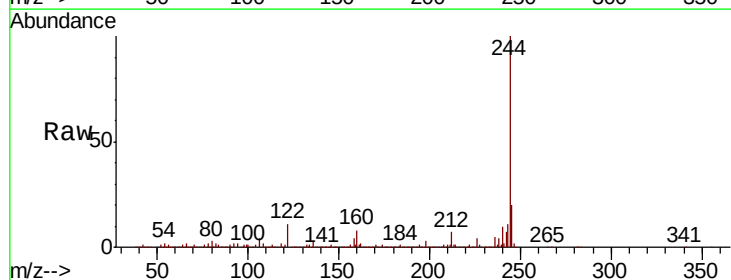
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 83.780 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.5	9.4	14.2

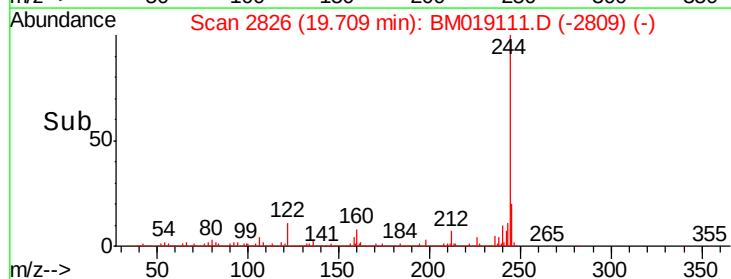
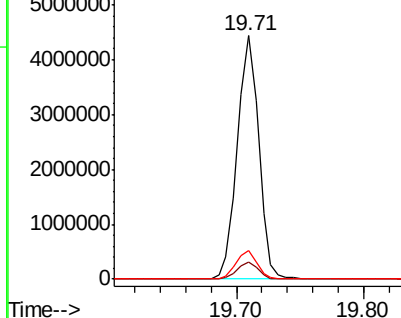


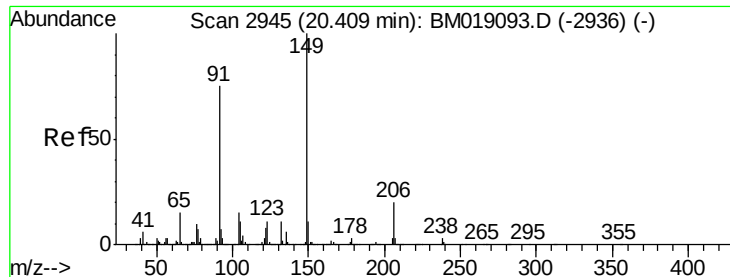
Abundance

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# 2944

Delta R.T. -0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

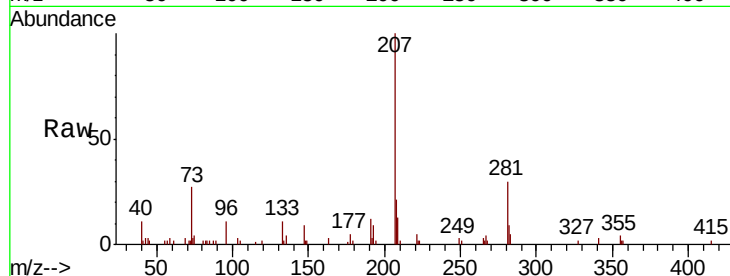
Tot Ion:149 Resp: 903

Ion Ratio Lower Upper

149 100

91 0.0 60.1 90.1#

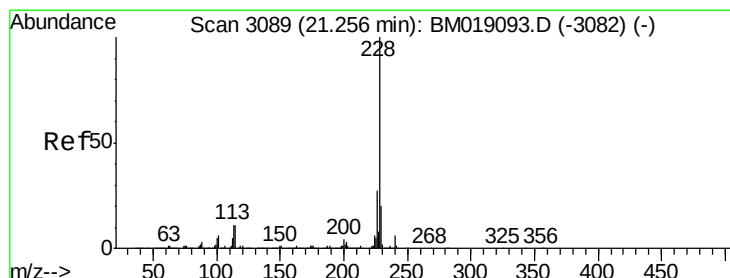
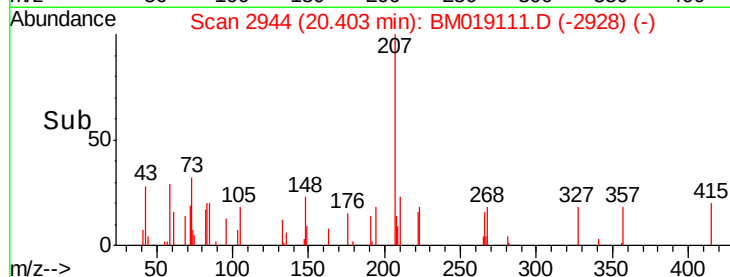
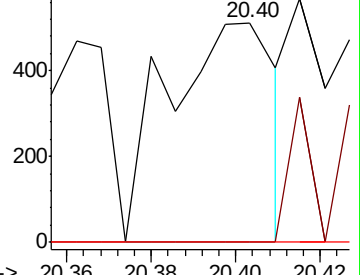
206 0.0 16.2 24.2#



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: 0.045 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

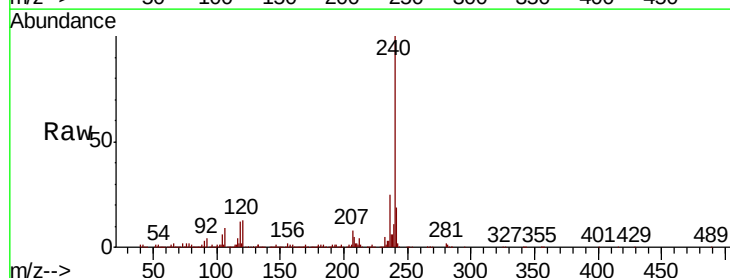
Tgt Ion:228 Resp: 3476

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

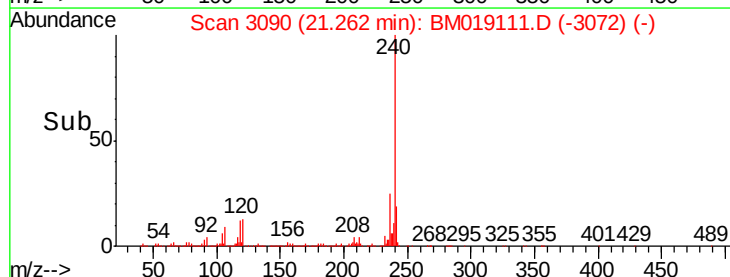
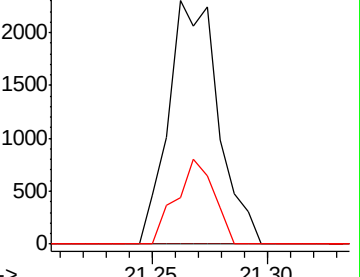
229 19.0 15.8 23.6

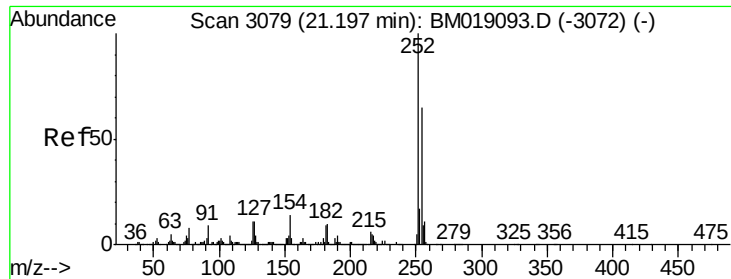


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

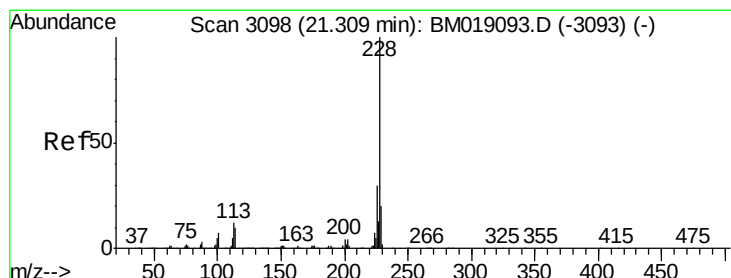
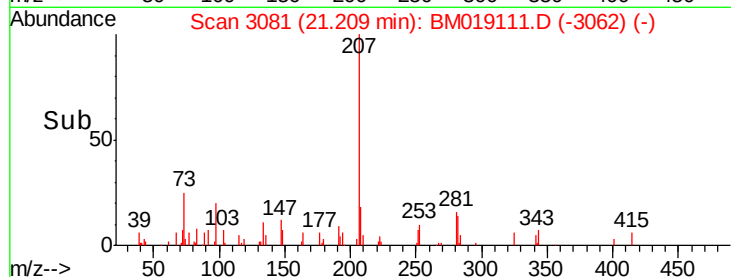
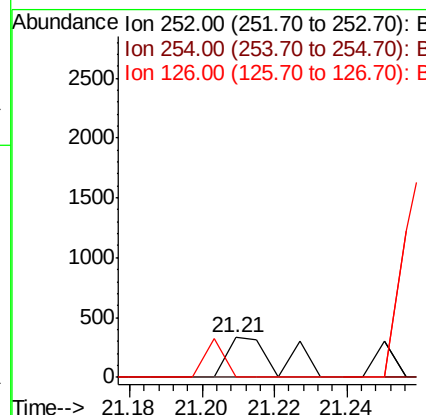
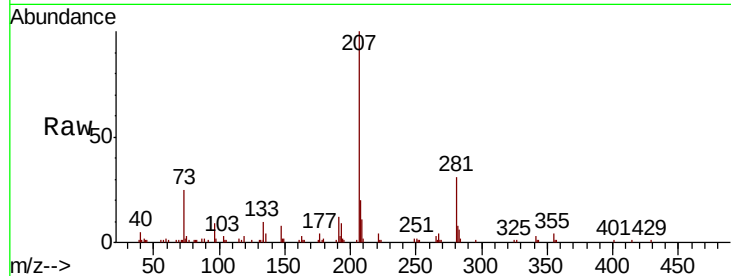




#82
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. 0.01 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

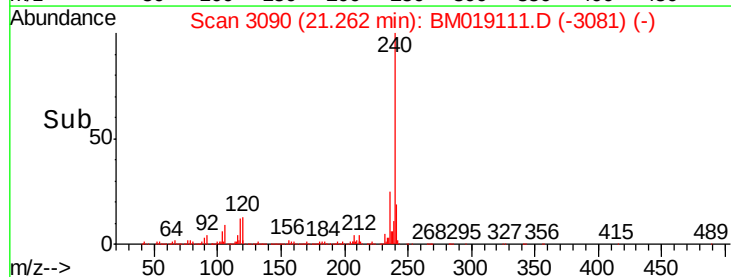
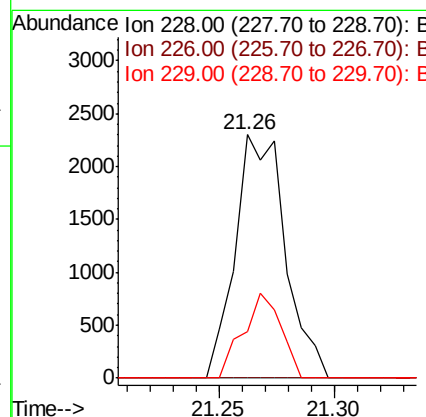
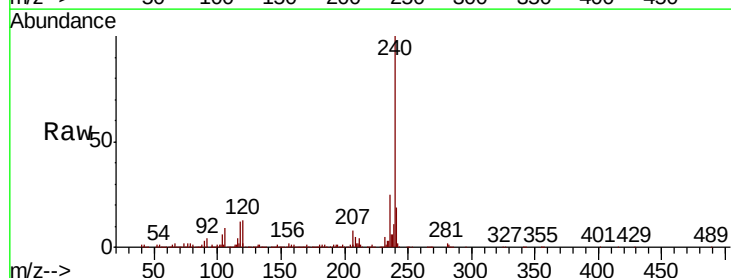
Instrument :
 BNA_M
 ClientSampled :
 PB117788BL

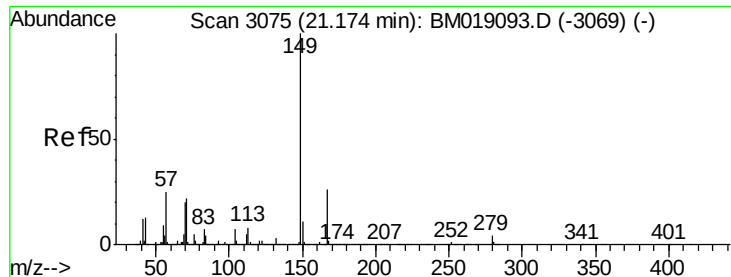
Tot Ion:252 Resp: 335
 Ion Ratio Lower Upper
 252 100
 254 0.0 52.4 78.6#
 126 0.0 9.0 13.6#



#83
 Chrysene
 Concen: 0.047 ng
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.05 min
 Lab File: BM019111.D
 Acq: 12 Mar 2019 14:39

Tgt Ion:228 Resp: 3476
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.8 35.8#
 229 19.0 15.7 23.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

Instrument :

BNA_M

ClientSampleId :

PB117788BL

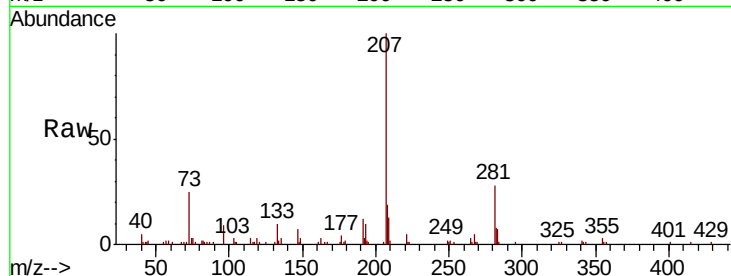
Tot Ion:149 Resp: 1831

Ion Ratio Lower Upper

149 100

167 24.5 21.1 31.7

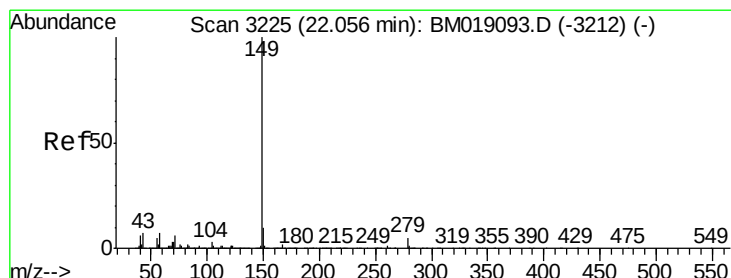
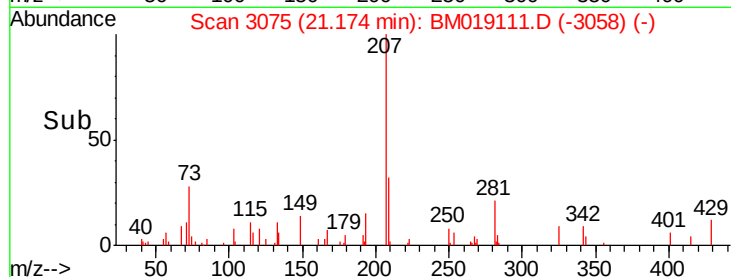
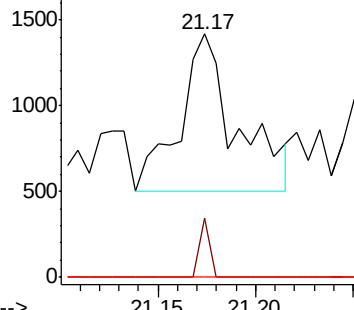
279 0.0 3.2 4.8#



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: 22.07 min Scan# 3227

Delta R.T. 0.01 min

Lab File: BM019111.D

Acq: 12 Mar 2019 14:39

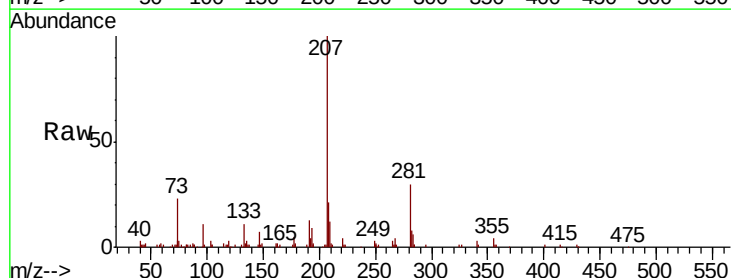
Tgt Ion:149 Resp: 229

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

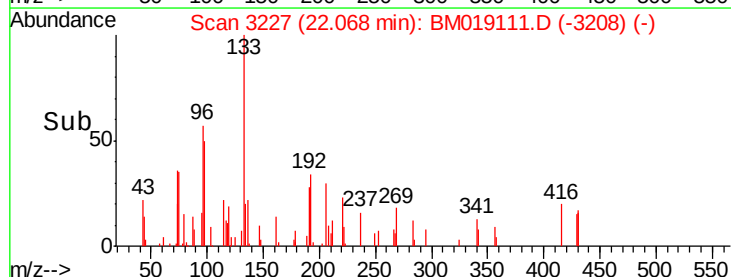
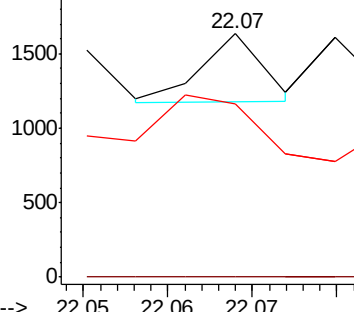
43 155.9 6.1 9.1#

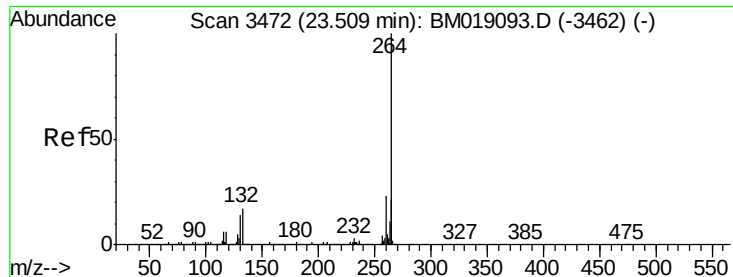


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

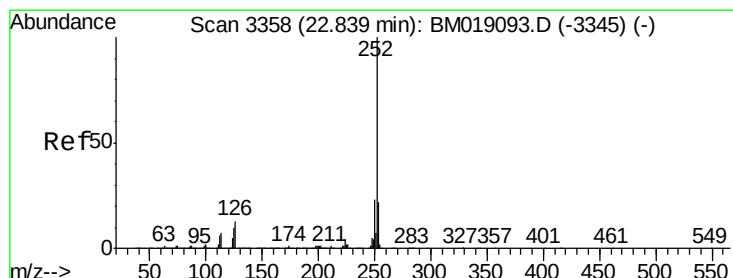
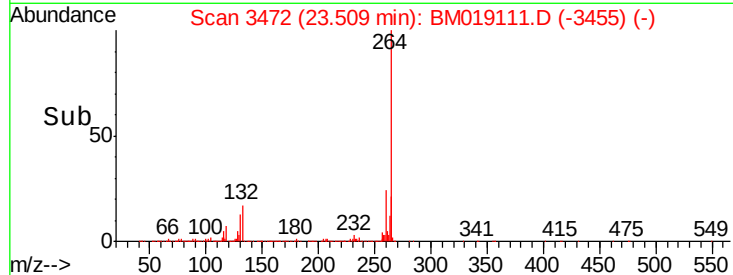
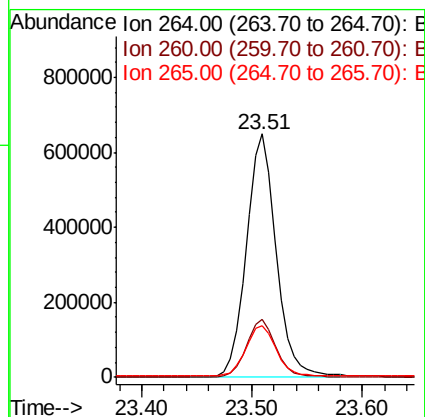
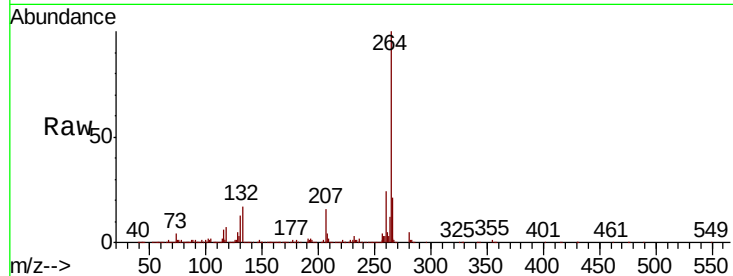




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

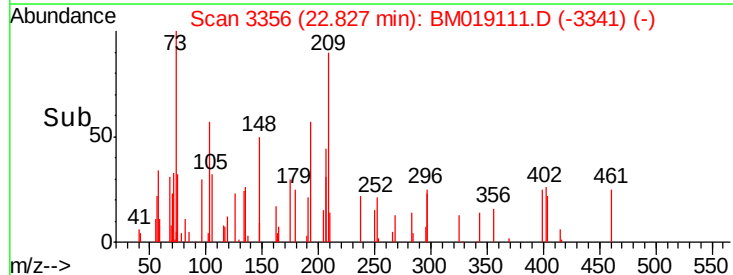
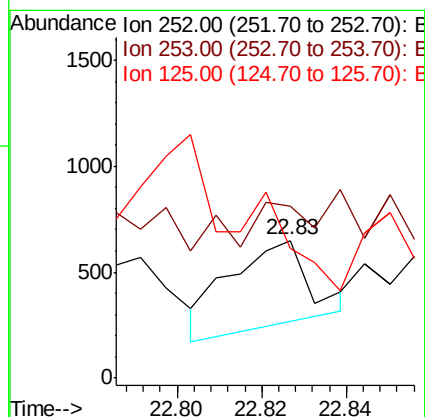
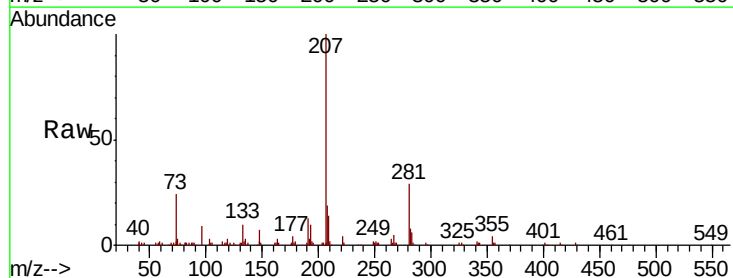
Instrument :
BNA_M
ClientSampled :
PB117788BL

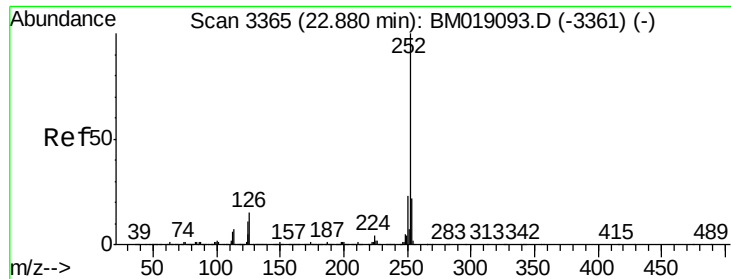
Tot Ion:264 Resp: 1235314
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 21.4 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 22.83 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion:252 Resp: 535
Ion Ratio Lower Upper
252 100
253 124.7 17.6 26.4#
125 143.9 8.1 12.1#

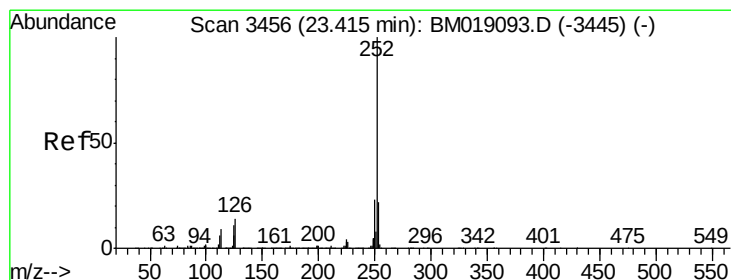
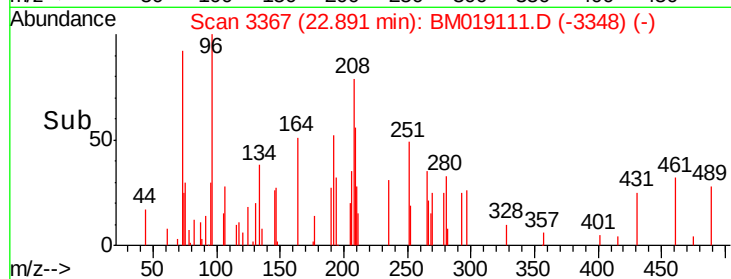
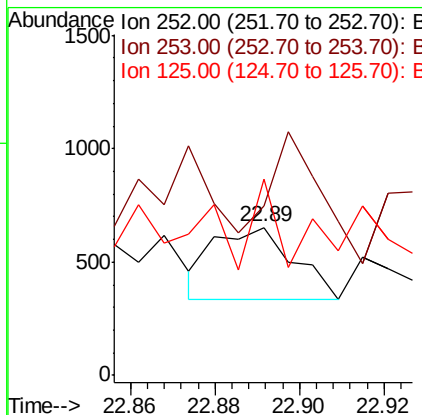
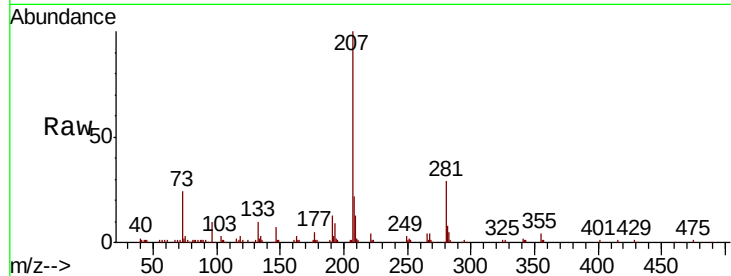




#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Instrument :
BNA_M
ClientSampleId :
PB117788BL

Tot Ion:252 Resp: 417
Ion Ratio Lower Upper
252 100
253 114.5 17.6 26.4#
125 132.1 8.8 13.2#



#90
Benzo(a)pyrene
Concen: 0.004 ng
RT: 23.41 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM019111.D
Acq: 12 Mar 2019 14:39

Tgt Ion:252 Resp: 274
Ion Ratio Lower Upper
252 100
253 121.0 17.4 26.2#
125 97.0 9.2 13.8#

